Remedial Investigation and Remedial Alternatives Analysis Report

Location:

145 Ganson Street
Buffalo, New York
BCP Site C915357

Prepared for:

Mr. Joseph Carubba
SpotOn Legacy, LLC
200 Delaware Avenue, Unit 1409
Buffalo, New York 14202

LaBella Project No.

2223573

July 30, 2025 - Draft

LaBella
Powered by partnership.

300 Pearl Street, Suite 130 | Buffalo, NY 14202 | p – 716-551-6281 | www.labellapc.com.com

Table of Contents

1.0 INTRODUCTION 6
1.1 Purpose 6
1.2.1 Site Location & Description 6
1.2.2 Site History 6
1.2.3 Previous Environmental Investigations 7
2.0 OBJECTIVES AND RATIONAL 10
3.0 STANDARDS, CRITERIA, AND GUIDANCE 11
4.0 SUMMARY OF REMEDIAL INVESTIGATION ACTIVITES 11
4.1 Field Investigation 12
4.1.1 Surface Soil/Fill Sampling 12
4.1.2 Test Pit Excavations 12
4.1.3 Soil Boring and Well Installation 14
4.1.4 Groundwater Sampling 15
4.1.5 Soil Vapor Sampling 15
4.2 Sample Analysis/Validation 16
4.2.1 Laboratory Analysis 16
4.2.2 Quality Assurance/Quality Control Samples 16
4.2.3 Data Validation 16
4.3 Deviations from Remedial Investigation Work Plan 16
5.0 SUPPLEMENTAL ACTIVITIES 17
5.1 Geophysical Survey 17
5.2 AST Closure 19
6.0 PHYSICAL CHARACTERISTICS OF THE SITE 19
6.1 Setting 19
6.1.1 Site Conditions 20
6.2 Geology 22
6.3 Hydrogeology 22
7.0 FIELD SCREENING RESULTS AND EVIDENCE OF IMPAIRMENT 24
7.1 Organic Vapor Screening Results 24
7.2 Visual/Olfactory Evidence of Impairment 24
7.3 Community Air Monitoring Results 25
8.0 ANALYTICAL RESULTS 25
8.1 Surface Soil/Fill 26
8.2 Subsurface Soil/Fill 27
8.3 Groundwater 32
8.4 Soil Vapor 32
9.0 CONTAMINATION ASSESSMENT 33

9.1 Nature, Extent, and Source of Contamination 34
9.1.1 Surface Soil/Fill 34
9.1.2 Subsurface Soil/Fill 34
9.1.3 Groundwater 35
9.1.4 Soil Vapor 35
9.2 Contaminant Fate and Transport 35
9.2.1 Surface Soil/Fill 35
9.2.2 Subsurface Soil/Fill 36
9.2.3 Groundwater 36
9.2.4 Soil Vapor 36
9.3 Evaluation of Potential Receptors 36
9.4 Potential Exposure Pathways 37
9.4.1 Surface Soil/Fill 37
9.4.2 Subsurface Soil/Fill 37
9.4.3 Groundwater 38
9.5 Vapor Intrusion 38
10.0 REMEDIAL ALTERNATIVES ANALYSIS 39
10.1 Remedial Goals and Objectives 39
10.2 Remedial Action Objectives 39
10.3 Development of Remedial Alternatives 39
10.4 Detailed Evaluation of Alternatives 42
10.4.1 Contaminated Fill Material and Groundwater Alternatives 42
10.5 Comparative Evaluation of Alternatives 45

List of Figures

Figure 1: Site Location Map
Figure 2: Site Base Map
Figure 3: Investigation Location Map
Figure 4: Soil Exceedance Map
Figure 5: Groundwater Contour and Exceedance Map
Figure 6: Cross Section Figure
Figure 7A through 7C: Cross Sections

List of Tables

Table 1A & 1B: Remedial Investigation Locations and Sample Summary
Table 2: Summary of Surface Soil/Fill Analytical Results
Table 3A & 3B: Summary of Test Pit Subsurface Soil/Fill Analytical Results
Table 4A and 4B: Summary of Soil Boring Subsurface Soil/Fill Analytical Results
Table 5A and 5B: Summary of Groundwater Analytical Results
Table 6: Summary of Soil Vapor Results
Table 7: Alternative 2: Restricted Residential Track 4 Cleanup Remedial Cost Estimate
Table 8: Alternative 3: Commercial Track 4 Cleanup Remedial Cost Estimate
Table 9: Alternative 4: Unrestricted Track 1 Cleanup Remedial Cost Estimate

List of Appendices

Appendix 1: Correspondence
Appendix 2: Previous Investigations
Appendix 3: Field Logs
Appendix 4: Laboratory Analytical Reports
Appendix 5: Data Useability Summary Reports (DUSR)
Appendix 6: Geophysical Report
Appendix 7: Aboveground Storage Tank (AST) Closure Report
Appendix 8: Photo Logs
Appendix 9: Air Monitoring Data
Appendix 10: Site Concept Plans
Appendix 11: Buffalo Creek Elevation Information



Certification

I _____certify that I am currently a Professional Engineer as defined in 6 NYCRR Part 375 1.2 (aj) and paragraph 1.3(b)47 and that this Remedial Investigation was conducted in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and DER Green Remediation (DER-31).

_____ _____

Signed: Stamp Date:

1.0 INTRODUCTION

1.1 Purpose

LaBella Associates, D.P.C. (LaBella) was retained by SpotOn Legacy, LLP to conduct a Remedial Investigation (RI) program at the property located at 145 Ganson Street in the City of Buffalo, Erie County, New York, hereinafter referred to as the "Site" (see Figure 1). The scope of the RI program was consistent with the New York State Department of Environmental Conservation (NYSDEC) approved Remedial Investigation Work Plan (RIWP) dated June 2020, LaBella's subsequent correspondence with the NYSDEC on August 15, 2022, the Aboveground Storage Tank (AST) Closure and Geophysical Survey Letter Work Plan dated June 13, 2024, and was completed in general accordance with NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation. A copy of the August 15, 2022 correspondence is included in Appendix 1. The purpose of the RI program summarized herein was to characterize the nature and extent of contamination occurring at the Site.

LaBella prepared this report on behalf of SpotOn Legacy, LLP to provide a detailed description of the RI program implemented at the Site. In addition to summarizing and documenting the methods used to investigate the Site, this RI Report describes the physical characteristics of the Site; defines the nature, magnitude, and extent of contamination encountered; and assesses the contamination with respect to fate, transport, and exposure.

1.2 Site Background

1.2.1 Site Location & Description

The Site is approximately seven acres and comprised of three tax parcels (127 Buffalo River SBL 122.13-4-2, 189 Ganson Street SBL 122.13-4-1.11 and 191 Ganson Street SBL 122.09-2-4) located within a commercial and industrial area along the Buffalo River. A concrete retaining wall follows the east Site boundary along the Buffalo River. The attached Figure 1 and Figure 2 illustrate the location and boundaries of the Site. Operations at the time of the RI included truck maintenance, a truck washing station, office space and storage for truck parts, drums and vehicles. However, as of the fall of 2024 the Site is currently unoccupied. Additional detail regarding Site operations and Site conditions observed at the Site in May 2024 are detailed within Section 6.1. Although Site redevelopment plans have not been finalized, it is anticipated that initial Site redevelopment will include a commercial mixed-use entertainment facility. There is the potential that multi-family residential may be pursued at the Site in the future. Site Concept Plans are included within Appendix 10.

1.2.2 Site History

The Site has a long history of commercial and industrial operations including machine shops, tin shops, iron ore yards, railroads, a storage and repair shop for a disposal company, trucking companies with repair/washing facilities, and construction companies since at least 1889. Municipal records and regulatory records indicate installation of at least fourteen petroleum underground storage tanks (USTs) at the Site between 1949 and 1980 and removal of at least eight USTs between 1986 and 1988. The exact locations of several USTs were not identified in the historical records obtained. In addition, the number of USTs installed versus the number of USTs removed does not correspond. Additionally, boat docks/slips located on-Site were previously backfilled and brought to grade with fill materials of unknown origin. A comprehensive history of the Site and the locations of environmental concerns are detailed in the previous environmental investigations/assessment included within Appendix 2 and summarized in Section 1.2.3 below.

1.2.3 Previous Environmental Investigations

Investigations

Phase II Environmental Site Assessment (ESA) by AFI Environmental, December 1994

A Phase II ESA was completed by AFI Environmental (AFI) for Waste Management of New York dated December 28, 1994. This study is addressed for 191 Ganson Street; however, it appears to primarily assess the 189 Ganson Street parcel. During the ESA, the property being evaluated was identified as 4.78-acres with one office building, one repair/maintenance garage, one detached office trailer, and gravel driveways and parking areas.

A previous Phase I ESA, conducted by AFI in 1993, was referenced within the Phase II ESA report (the Phase I ESA was not included in the Phase II report). The Phase I report identified the following recognized environmental conditions (RECs).

- Numerous petroleum-stained areas were observed in both the garage areas and staging/parking areas.
- Confirmatory sampling of the soils in and around former USTs was never conducted.
- Fill materials utilized to fill dry docks north of the Site were shown to contain elevated volatile organic compounds (VOCs), polychlorinated biphenyls (PCBs), and metals. Groundwater in the area of the Site has also been shown to contain elevated acetone, methylene chloride, and metals.
- Potential impacts on-Site from the Buffalo River.
- Potential discharges of automotive related chemicals into the combined municipal sewer system.
- Historical uses of the property for industrial purposes.
- Potential impacts to soils and stormwater proximate to truck staging areas.

To assess the RECs detailed above, AFI installed five monitoring wells, completed ten soil borings, and collected three sediment samples. Monitoring wells were installed to approximately 17 feet below ground surface (ft bgs) with 10-foot screens to allow infiltration of groundwater. Groundwater was reported at depths ranging between 2.88 ft bgs and 8.02 ft bgs. Soil samples were taken from depths ranging from 0.5 ft bgs and 1.0 ft bgs. Additionally, sediment samples were collected from materials at the bottom of the on-Site catch basins. In total, two soil samples (0.5-1.0 ft bgs), one sediment sample, and five groundwater samples were collected for laboratory analysis. Elevated VOCs and semi-volatile organic compounds (SVOCs) were detected in sample locations proximate to the former UST and fueling/waste container areas. One sludge/sediment sample taken from a surface runoff inlet indicated elevated levels of VOCs, particularly acetone (39,000 parts per billion [ppb]) and toluene (62,400 ppb). PCBs were detected at all sample locations and AFI determined the likely cause to be a result of fill materials brought on-Site or on-Site activity of liquid petroleum fractions within the soil matrix allowing PCBs to become mobile. All groundwater sample results were below applicable NYSDEC standards and guidance.

Based on AFI's Phase II ESA, a more extensive soil/sediment investigation was recommended to determine concentrations, distribution, and source of contaminants within the soil matrix. Once the source boundaries were established, AFI recommended implementation of a corrective action plan based on effectiveness, potential impacts to human health and environment, cost, compatibility with the current operations of the Site, and NYSDEC recommendations.

Phase I ESA Report, November 2018

Benchmark Environmental Engineering and Science, PLLC completed a Phase I ESA for 145 Ganson Street, Buffalo, New York prepared for SpotOn Legacy, LLC dated November 2018. The following RECs were identified in Benchmark's report.

- The long history of commercial and industrial operations (i.e., machine shops, tin shops, iron ore yards, railroads, shipbuilding companies, trucking companies with repair, and construction companies) with numerous USTs and various regulatory listings. Additionally, the Site was historically used as a storage yard and repair shop for Downing Container's garbage pickup, roll off, and rental operations.
- Concrete reportedly associated with former USTs/pump island areas were observed by Benchmark during the site visit as well as black staining.
- The oil/water separator is considered a REC as the integrity is unknown. For purposes of the RI, this oil water separator will be identified as "Oil-Water Separator 1". Refer to Section 5.1 and 6.1.1 for additional information regarding Oil-Water Separator 1.
- The unknown pipe identified protruding from the ground in the northeastern corner of Building 1 is considered a REC because the exact nature of the pipe is unknown and could not be verified by the Site contact.
- The numerous 55-gallon drums/barrels located in Building 2 are considered RECs as Benchmark could not verify the contents.
- It is possible that impacted fill material from unknown sources was brought to the property to use as backfill across the Site, including a former boat slip area and former structure areas.

Phase II ESA Report, February 2019

Benchmark completed a Phase II ESA for 145 Ganson Street, Buffalo, New York over the entire planned Brownfield Cleanup Program (BCP) Site and documented the findings in a report dated February 2019. The Phase II consisted of 21 direct-push soil borings designated SB-1 through SB-21. A total of 12 soil/fill samples were selected for laboratory analysis for Target Compound List (TCL) plus Commissioners Policy 51-51 (CP-51) VOCs, CP-51 SVOCs, Resource Conservation and Recovery Act (RCRA) metals, and/or PCBs. Four soil borings were converted into temporary wells designated as SB-1W, SB-8W, SB-13W and SB-20W and sampled using a dedicated, disposable bailer. The six groundwater samples were analyzed for TCL and CP-51 VOCs. Below is a summary of the Phase II ESA results.

- Fill materials mainly consisting of gravel with sand and/or black granular material mixed with cinders, brick, concrete and/or glass was noted across the Site at depths ranging between two and 10 ft bgs.
- Field evidence of petroleum impact including a peak photoionization detector (PID) reading of 72.2 parts per million (ppm), oily product, staining, and petroleum-type odors was observed within soil samples collected from SB-2 in the area of the southern former USTs and pump islands. In addition, a peak PID reading of 35.3 and petroleum-type odors were observed within soil samples collected from soil boring SB-17 located immediately south adjacent to SB-2. The NYSDEC was notified, and Spill No. 1810799 was assigned to the Site; however, Spill No. 1810799 was assigned a "inactive' status on December 13, 2019 due to the applicant entering the BCP. The subsurface impact related to Spill No. 1810799 is evaluated within this RI/AA Report.
- Field evidence of impact including peak PID readings between 13.2 ppm and 45.7 ppm, petroleum-type odors, and observed sheen on the soil boring polyethylene sleeves was identified within soil samples collected from soil borings SB-8, SB-10, and SB-11 in the area of the USTs and pump island located on the north portion of the Site.

- PAHs were identified at concentrations exceeding CP-51 Soil Cleanup Levels (SCLs), Unrestricted Soil Cleanup Objectives (SCOs), Commercial SCOs and/or Industrial SCOs in five soil/fill samples collected across the Site at SB-7, SB-8, SB-13, SB-14 and SB-21. Metals were identified at concentrations exceeding Unrestricted SCOs, Commercial SCOs and/or Industrial SCOs in eight soil/fill samples collected across the Site at SB-7, SB-8, SB-10, SB-13, SB-14, SB-15, SB-20 and SB-21. Commercial SCO and/or Industrial SCO exceedances were identified at SB-7 (arsenic at 22 mg/kg), SB-8 (barium at 500 mg/kg and lead at 1,550 mg/kg), SB-13 (arsenic at 20.9 mg/kg), SB-14 (arsenic at 23.4 mg/kg), SB-15 (mercury at 12.6 mg/kg), SB-20 (arsenic at 20.3 mg/kg and lead at 1,030 mg/kg), and SB-21 (arsenic at 16.6 mg/kg). PCBs were not identified at a concentration above laboratory detection limits in the soil/fill samples collected across the Site. VOCs were either not detected at concentrations above laboratory detection limits or concentrations were below CP-51 SCLs and Unrestricted SCOs. In the case of SB-2 where field evidence of petroleum impact was identified, this suggests weathered petroleum.
- Analytical results indicated the presence of fill materials impacted by PAHs and metals across the Site with concentrations exceeding 6NYCRR Part 375 Unrestricted Use SCOs and Commercial Use SCOs. More specific locations are discussed in section 3.4 of Benchmark's Phase II ESA.
- VOC concentrations in groundwater samples were either not detected above laboratory method detection limits or were at concentrations below NYSDEC Groundwater Quality Standards and Guidance Values.

A copy of the February 2019 Phase II ESA Report is included within Appendix 2. The results and findings of the February 2019 Phase II ESA Report have been integrated into Sections 6.0, 9.0, and 10.0 of this report.

Remedial Action

Remedial Action Plan Soil Investigation, December 1994

A report titled, "Remedial Action Plan Soil Investigation Report, Downing Container, 191 Ganson Street, Buffalo, New York", was completed by AFI, for Waste Management, dated May 8, 1995. The purpose of this work was to further investigate the extent and composition of impacts and identify the cost to mitigate existing soil/sediment contamination at the Site. Supplemental investigation activities, including five additional soil samples from three distinct areas of concern (former UST area, former roll off dumpster staging area, and gas island/storm sewer inlet area) were obtained. Additionally, five composite soil samples from 6 to 18 inches were collected and analyzed for toxicity characteristic leaching procedure (TCLP) VOCs and TCLP SVOCs. Laboratory analytical results showed an exceedance of naphthalene at one location at a concentration exceeding applicable regulatory criteria. AFL recommended excavation activities on-Site.

Remedial Action Plan, Spill No. 9501488, February 1995

A report titled, "Remedial Action Plan, Downing Container, 191 Ganson Street, Buffalo, New York", was completed by AFI, for Waste Management, dated February 1995. The purpose of the work was to further investigate the areal extent and composition of impact constituents to identify the cost to mitigate existing soil/sediment contamination at the Site. The report detailed AFI's plan to complete additional investigation activities in the three areas of concern identified in AFI's Phase I and Phase II ESA including a former UST area, a former roll-off dumpster area, and a gas island/storm sewer inlet area.

Soil Sediment Remediation Report, Spill No. 9501488, September 1995

A report titled, "Soil and Sediment Remediation Report, Downing Container, 191 Ganson Street, Buffalo, New York", was completed by AFI for Waste Management of New York, dated September 28, 1995. This report is related to Spill No. 9501488 assigned to 191 Ganson Street on May 1, 1995. The purpose of the report is to document the petroleum-impacted soil and sediment encountered at the Downing Container Facility. The following work was completed.

- Removal of soil from former UST area (approximately 20' x 20' x 2.5').
- Excavation of soil from a roll off staging area where toluene contaminated soils were reportedly awaiting NYSDEC approval (approximately 25' x 25' x 18").
- Excavation of staining in parking lot areas near pump islands and vehicle parking areas.
- Sediment removal and cleaning of storm drains.
- Backfilling of excavation areas with No. 2 crusher run.
- Post excavation soil sampling.

It appears that soil/sediment samples were analyzed for Polycyclic Aromatic Hydrocarbons, TCLP VOCs, and PCBs. AFI indicated that no groundwater impacts were identified, and post-excavation composite samples were below background levels or lower.

Reclassification of Spill No. 9501488, October 1995

On October 30, 1995, a letter from the NYSDEC to Waste Management indicated that the Department reviewed the analytical results from the post excavation soil samples and they are not recommending further work since the results were "low levels." Spill No. 9501488 was reclassified as "inactive".

Copies of the previous investigations are included in Appendix 2.

2.0 OBJECTIVES AND RATIONAL

For sites entering the BCP at the point of investigation, NYSDEC requires completion of an RI. Below are the primary objectives of this RI:

- Collect additional on-Site media samples, under appropriate quality assurance/quality control criteria, to better delineate the nature and extent of contamination.
- Assess the groundwater flow direction and groundwater quality conditions at the Site.
- Determine if the concentrations of constituents of concern in soil and/or groundwater pose potential unacceptable risks to human health and the environment.
- Provide data needed to evaluate potential remedial measures and determine appropriate actions to address potential significant risks.
- Provide a qualitative exposure assessment.

3.0 STANDARDS, CRITERIA, AND GUIDANCE

The following standards, criteria, and guidance (SCG) utilized as part of the implementation of the RI are identified below:

Soil SCGs: The following SCGs for soil were used to evaluate the Site:

- NYCRR Subpart 375-6 Unrestricted Use SCOs
- NYCRR Subpart 375-6 Restricted Residential Use SCOs
- NYCRR Subpart 375-6 Commercial Use SCOs

Groundwater SCGs: The following SCGs for groundwater were used to evaluate the Site:

- NYSDEC Part 703 Groundwater Standards
- TOGS 1.1.1 Water Quality Standards and Guidance Values and February 2023 addendum
- NYSDEC's Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) dated April 2023
- New York State Department of Health (NYSDOH) established drinking water standard maximum contaminant level for 1,4-dioxane

Soil Vapor SCGs: The following SCGs for soil vapor were used to evaluate the Site:

- NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" dated October 2006, and Soil Vapor/Indoor Air Matrix Tables Addendums dated May 2017 and February 2024, Table 3.1 (revised September 2013 and August 2015) air guidance values

4.0 SUMMARY OF REMEDIAL INVESTIGATION ACTIVITES

The scope of the RI program was generally consistent with the NYSDEC approved RIWP dated June 2020, LaBella's subsequent correspondence with the NYSDEC on August 15, 2022, the AST Closure and Geophysical Survey Letter Work Plan dated June 13, 2024, and was completed in general accordance with NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation. The RI program encompassed the following major tasks:

- Air monitoring was conducted in accordance with the NYSDOH Generic Community Air Monitoring Plan (CAMP).
- Geophysical Survey to evaluate the Site for the potential presence of orphaned USTs or other subsurface anomalies of potential environmental concern.
- Collection and chemical analysis of on-Site surface soil/fill samples to characterize the chemistry of these materials.
- Completion of test pits and soil borings to enable the classification, screening, sampling, and chemical characterization of subsurface soil/fill.
- Installation, development, and sampling of groundwater monitoring wells to evaluate groundwater flow direction and gradient, and to facilitate the collection and chemical analysis of groundwater samples.
- Collection of soil vapor samples from the Site.
- Closure/removal of one 10,000-gallon diesel AST (NYSDEC PBS No. 9-421227).
- Third party validation of laboratory data and preparation of a Data Usability Summary Report (DUSR).

- Evaluation of the resulting data and preparation of a report to:
    - Summarize and document the activities performed during the RI.
    - Describe the physical characteristics of the Site.
    - Describe the nature, magnitude, and extent of contamination.
    - Compare the analytical data to applicable regulatory levels.
    - Evaluate contaminant fate and transport.
    - Qualitatively assess exposure to Site contaminants under current and future use scenarios.

4.1 Field Investigation

The following subsections describe the scope of field activities implemented during the remedial investigation program.

4.1.1 Surface Soil/Fill Sampling

Three surface soil/fill samples, identified as SS-1 through SS-3, were collected on September 14, 2022 to characterize surface soil/fill within the limited vegetated areas present on the northwestern portion of the Site. The surface soil/fill samples were collected from zero to two inches below the ground surface (bgs). Surface soil/fill samples were collected in pre-cleaned and pre-preserved laboratory sample bottles, placed on ice, and delivered under chain of custody for laboratory analysis. The samples were analyzed for TCL SVOCs plus Tentatively Identified Compounds (TICs) and Target Analyte List (TAL) metals. One location (SS-2) was also analyzed for Full List VOCs (TCL VOC plus CP-51 VOCs) plus TICs, PCBs, herbicides, pesticides, 1,4-dioxane, and PFAS. The remaining exterior areas are generally void of vegetation and soil in the upper two inches; therefore, per the June 2020 RIWP, surface soil samples were not collected from remaining portions of the Site. Table 1A summarizes the conditions observed within the surface soil samples collected and the laboratory analysis performed. Table 2 summarize the surface soil laboratory results and Figure 3 depicts the surface soil sample locations.

4.1.2 Test Pit Excavations

Twenty-four test pits identified as TP-1 through TP-24 were excavated across the Site between September 26 and 28, 2022. The purpose of TP-1 through TP-24 was to generally characterize the subsurface soil conditions at the Site. An additional five test pits identified as TP-25 through TP-29 were advanced at the Site on October 17, 2024 to evaluate the severity and extent of suspect petroleum-related staining identified beneath the location of one 10,000-gallon diesel AST removed on October 8, 2024. Refer to Section 5.2 for additional information related to the removed 10,000-gallon diesel AST. The purpose of TP-29 was to assess the source of a geophysical anomaly (Anomaly 3) identified within the July 1, 2024 Geophysical Engineering Survey Report. Refer to Section 5.1 for additional information related to the Geophysical Engineering Survey Report. The locations of the test pits are depicted on Figure 3.

A track-mounted excavator was utilized to advance the test pit excavations to terminal depths ranging from approximately 7 ft bgs to 15 ft bgs. Apparent groundwater was encountered within test pits TP-1 through TP-24 between approximately 2 and 7 ft bgs. The depth of test pits TP-7, TP-8, and TP-22 were limited to 10, 13, and 7 ft bgs respectively due to significant groundwater infiltration and soughing. Test pit TP-15 was ceased at 11 ft bgs due to collapse of the excavation. Test pit TP-18 was ceased at 10 ft bgs to avoid potential undermining risk considering the test pits location adjacent concrete paved surfaces.

Test pit TP-6 was attempted to be advanced slightly north of the location depicted with the figures attached to this report; however, the initial selected location encountered a layer of asphalt overlaying a what appeared to be a thick concrete slab. As such, TP-6 was shifted south beyond the edge of the apparent

concrete slab. The nature and extent of the concrete slab is unknown; however, such may have been associated with a historic structure building slab/foundation.

Test pit TP-9 encountered an apparent concrete structure consistent with a footer. The suspect footer was located within the east limit of TP-9. The nature and extent of the suspect footer is unknown; however, such may have been associated with a historic structure building slab/foundation.

Test pit TP-29 was advanced to 7 ft bgs at which depth a large concrete structure was encountered. The nature of the concrete structure could not be confirmed; however, the concrete structure appeared consistent with a foundation component. Based on review of historical Sanborn maps and aerial photography, the footprint of a historical pipe/tin shop was located at the Site between at least 1925 and 1963 in a location consistent with Anomaly 3 (refer to Section 5.1). As such, it is likely the concrete structure encountered within TP-29 is a remaining foundation component associated with the historical pipe/tin shop.

Fill material was encountered within all of the test pits advanced from the ground surface to a maximum depth of 6 ft bgs. Fill material encountered within the test pits consisted of sand, gravel, brick, concrete, asphalt/pavement, ash, wood, railroad ties, rebar, and glass. A tire and plastic tarp material was encountered within TP-10. In addition, slag was encountered in test pits TP-11, TP-12, TP-17, TP-18, TP-19, TP-20, and TP-21. Native soil was encountered beneath the fill to the terminal depths of the test pits consisting of silt, and clay, with select test pits encountering intermixed sand and gravel.

Excavated materials were staged immediately adjacent to the test pit on plastic in the order in which it was excavated. Excavated soil/fill from each test pit was continuously assessed for visual and olfactory evidence of impacts (e.g., staining, odor, etc.), and/or detectable levels of Total Organic Vapors (TOVs) using a PID. Positive indications from any of these screening methods are collectively referred to as "evidence of impairment". Soil/fill characterizations and PID readings were recorded on field sheets. Following characterization and sample collection, the excavated soil/fill was returned to the test pit from which it originated. The excavator bucket was decontaminated between each test pit utilizing a power washer and potable water. Field logs detailing the observations made during the test pits activities are included in Appendix 3. Based on the field observations, no field evidence of impact was encountered within the test pits advanced at the Site with the exception of the following.

- TP-1 exhibited a PID reading of 41.9 ppm from 3-6 ft bgs. Suspect petroleum-type odors was observed within soil collected from the ground surface to 3 ft bgs.
- TP-2 exhibited a PID reading of 1.2 ppm from 2-5 ft bgs.
- TP-6 exhibited a PID reading of 1.7 ppm and a slight suspect petroleum-type odor from 0-3 ft bgs.
- TP-25 exhibited a PID a peak PID reading of 87.9 ppm from 2-3 ft bgs. Suspect petroleum-type odors and staining was observed within soil collected from the ground surface to 6 ft bgs.
- TP-26 exhibited a peak PID reading of 5 ppm from 4-5 ft bgs.
- TP-27 exhibited a PID reading of 3.5 ppm from 2-3 ft bgs.
- TP-28 exhibited a PID reading of 3.5 ppm from 2-3 ft bgs.

A total of 29 subsurface soil/fill samples were collected from the test pits, placed in pre-cleaned and pre-preserved laboratory sample bottles, placed on ice, and shipped under chain of custody and submitted for laboratory analysis. The test pit soil samples were generally biased towards soil/fill exhibiting elevated PID readings, field evidence of impact (i.e. suspect poolroom-type odors, suspect petroleum-type staining, etc.), and horizons containing fill material. Generally the soil samples collected from the test pits were analyzed

for Full List VOCs plus TICs, TCL SVOCs plus TICs, PCBs, herbicides, pesticides, 1,4-dioxane, TAL Metals, and PFAS. Table 1A summarizes the subsurface conditions encountered within the test pits and the laboratory analysis performed. Table 3A and 3B summarize the test pit subsurface soil laboratory results and Figure 3 depicts the test pit locations.

4.1.3 Soil Boring and Well Installation

Ten soil borings (SB-22 through SB-31) were advanced across the Site between September 6 and 8, 2022. Soil borings SB-22 and SB-23 and soil borings SB-24 and SB-25 were advanced through the concrete slab within Building 1 and Building 2 respectively to assess the subsurface soil conditions beneath each corresponding building. Soil borings SB-26 through SB-31 were advanced on the exterior of the Site for the primary purpose of facilitating installation of groundwater monitoring wells with a secondary purpose of evaluating subsurface soil conditions. A track-mounted Geoprobe was used to advance the soil borings into the overburden materials using a direct push soil sampling system. The Geoprobe utilizes a 5-foot MacroCore® sampler with disposable polyethylene sleeves. Soil cores are retrieved in 5-foot sections and cut from the polyethylene sleeves for observation and sampling. Soil borings were advanced to a maximum depth of between 6.3 and 16 ft bgs. Equipment refusal was not encountered within any of the soil borings advanced, with the exception of soil boring SB-25 which encountered refusal at 6.3 ft bgs due to the presence of fill material (i.e. apparent wood). Apparent groundwater was encountered in all of the soil borings advanced between approximately 4 and 10 ft bgs.

Fill material consisting of concrete, asphalt, brick, gravel, coal, wood, ash, silt, sand, and clay was encountered within all of the soil borings advanced to a maximum depth of between 1.5 and 10 ft bgs. Slag was encountered in soi boring SB-27 from between approximately the ground surface to 3 ft bgs. Apparent native soil was encountered beneath the fill to the terminal depths of the soil borings consisting of silt, sand, clay, and gravel.

The MacroCore® sampler was decontaminated between boring locations using an Alconox and potable water solution. Continuous samples were collected throughout the depth of each soil boring. Retrieved soil/fill samples from each soil boring location were assessed for visual and olfactory indications of impairment, and/or detectable levels of TOVs using a PID. Soil/fill characterizations and screening values were recorded on Soil Boring Logs included in Appendix 3. Based on the field observations, no field evidence of impact was encountered within the soil borings advanced with the exception of the following.

- SB-25 exhibited a peak PID reading of 55.8 ppm from 5-6.3 ft bgs. Suspect petroleum-type staining was observed within soil collected from 0.4 to 6.3 ft bgs.
- SB-27 exhibited a peak PID reading of 5.5 ppm from 3-3.5 ft bgs.
- Soil collected from SB-31 from 14.5-15 ft bgs exhibited suspect petroleum-type odors; however, this sample interval exhibited a PID reading of 0.5 ppm. No other PID readings above 0.0 ppm were detected within this soil boring.

Five subsurface native soil samples (SB-23, SB-27, SB-28, SB-29, and SB-31) and five subsurface fill samples (SB-22, SB-24, SB-25, SB-26 and SB-30) were collected from the soil borings, placed in pre-cleaned and pre-preserved laboratory sample bottles, placed on ice, and shipped under chain of custody for laboratory analysis for laboratory analysis. Generally the soil samples collected from the soil borings were analyzed for Full List VOCs plus TICs, TCL SVOCs plus TICs, PCBs, herbicides, pesticides, 1,4-dioxane, TAL Metals, and PFAS. Table 1A summarizes the subsurface conditions encountered within the RI soil borings and the laboratory analysis performed. Table 3B summarize the RI subsurface soil laboratory results and Figure 3 depicts the RI soil boring locations.

Exterior soil borings SB-26 through SB-31 were completed with two-inch groundwater monitoring wells MW-3 through MW-8 screened in the uppermost water-bearing zone within the overburden. Each monitoring well was constructed with five feet of 0.010-slot pre-packed well screen connected to an appropriate length of solid PVC well riser to complete the well. The annulus of the soil boring was backfilled with quartz sand to a nominal depth of one to two feet below the ground surface. A bentonite seal was placed above the sand pack and the monitoring well was finished with a flush mount casing. Monitoring well construction logs are included in Appendix 3. Figure 3 depicts the locations of the groundwater monitoring wells.

4.1.4 Groundwater Sampling

The two existing groundwater monitoring wells (MW-1 and MW-2) and the six newly installed groundwater monitoring wells (MW-3 through MW-8) were developed by LaBella personnel between September 9 and September 14, 2022, and subsequently sampled on September 20 and 21, 2022 utilizing low-flow sampling procedures. Prior to the initiation of groundwater sampling, the static groundwater levels in each well were measured using an electronic water interface probe, with the exception of MW-1 which had an obstruction in the well.

During and after the completion of development for each well, water quality indicator parameters (pH, specific conductance, temperature, oxidation reduction potential, and turbidity) were recorded for each well volume purged. Monitoring wells were generally developed via surge and purge methodology using a disposable polyethylene bailer followed by low flow purging to clear out any turbidity (with the exception of MW-1 which had an obstruction in the well). During sampling, low flow methods were used and relative parameter stabilization was achieved. The groundwater samples were collected in pre-cleaned and pre-preserved laboratory sample bottles, placed on ice, and shipped under chain of custody for laboratory analysis. The samples were analyzed for Full List VOCs plus TICs and TCL SVOCs plus TICs. Additionally, MW-4, MW-5, MW-6 and MW-8 were analyzed for Full List VOCs plus TICs, TCL SVOCs plus TICs, PCBs, pesticides, herbicides, TAL metals, 1,4-dioxane, and PFAS. Table 1B summarizes the groundwater laboratory analysis performed. Table 5B summarizes the RI groundwater laboratory results. Well development and sampling logs are included in Appendix 3. The locations of the groundwater monitoring wells are depicted on Figure 3. Groundwater elevation and contours are depicted in Figure 5.

4.1.5 Soil Vapor Sampling

Four soil vapor samples (SV-1 through SV-4) were collected at the Site on September 12, 2022. Soil vapor points were installed in general conformance with the New York State Department of Health (NYSDOH) Soil Vapor Intrusion Guidance. Each soil vapor sample probe was manually installed using specialized, stainless-steel soil probe rods. Sampling equipment included six-inch long sampling screens and ¼-inch inside diameter inert sample tubing. Soil boreholes were advanced to a depth of 5 ft bgs using steel rods equipped with an anchor point at the driving end of the rod. The anchor point was connected to the sampling screen and tubing on the inside of the steel rod. Once the steel rod was advanced to the target depth, the steel rod was retracted, leaving the anchor point, sampling screen, and sampling tubing within the borehole annulus. Glass beads were poured around the sampling screen in a manner to cover the entire length of the screen. Bentonite was then placed over the beads to the ground surface to create a seal prohibiting infiltration of ambient air into the sampling area.

Once the sample probes were installed, the probe and tubing were purged of three volumes using a calibrated syringe as required by NYSDOH guidance. Helium tracer gas was used during the purging phase to ensure that the probes were sealed. Helium tracer gas was not detected during purging. Subsequent purging, samples were collected over an approximate four-hour period using laboratory supplied six-liter SUMMA canisters. Each canister was fitted with a laboratory calibrated flow controller. All soil vapor samples were analyzed for VOCs via USEPA Method TO-15. An outdoor air sample (OA-1) was also collected

concurrently with the four soil vapor samples. The outdoor air sample was collected from ground level at an upwind location.

Table 1B summarizes the soil vapor laboratory analysis performed. Table 6 summarizes the soil vapor analytical results and Figure 3 depicts the soil vapor sample locations. Air sampling logs are included in Appendix 3.

4.2 Sample Analysis/Validation

4.2.1 Laboratory Analysis

Eurofins Environmental Testing America (Eurofins) performed the chemical analyses of all soil/fill, groundwater, and soil vapor samples collected from the Site related to RI activities. Eurofins is accredited under the New York State Environmental Laboratory Approval Program (ELAP) Contract Laboratory Program (CLP). All samples collected during the RI were analyzed using the applicable methods prescribed by the NYSDEC Analytical Services Protocol (ASP), June 2000. Category B deliverables were generated for these samples. Table 1A and 1B summarizes the laboratory analysis performed for each sample collected. Laboratory analytical reports are included in Appendix 4.

4.2.2 Quality Assurance/Quality Control Samples

In addition to field samples, Quality Assurance/Quality Control (QA/QC) samples were collected to evaluate the effectiveness of the QA/QC procedures implemented during the field and laboratory activities associated with the project. As reflected by Table 1A and 1B, QA/QC samples included matrix spike (MS) and matrix spike duplicate (MSD) samples, trip blanks, and blind field duplicates.

4.2.3 Data Validation

Validation of the laboratory data generated from the chemical analysis of soil/fill and groundwater samples in accordance with the *NYSDEC Guidance for the Development of Data Usability Summary Report*s (DUSRs) was performed by Data Validation Services (DVS). The data packages were reviewed for completeness and compliance relative to the criteria specified in the aforementioned NYSDEC document. A detailed comparison of the reported data with the raw data submitted as part of the supporting documentation package and applied protocol-defined procedures for the identification and quantitation of the individual analytes was also conducted to determine the validity of the data. DUSRs were prepared for the data packages and include a narrative summary discussing all quality issues and their impact on the reported results. The DUSRs are presented in Appendix 5. Further discussion of data validation is presented in Section 8.0.

4.3 Deviations from Remedial Investigation Work Plan

The scope of the RI program was generally consistent with the NYSDEC approved RIWP dated June 2020 and LaBella's subsequent correspondence with the NYSDEC on August 15, 2022. Additional tasks described below were also completed in response to the NYSDEC's March 28, 2024 Report Comment Letter. Deviations from the scope are detailed below.

- The RIWP included collection of five soil samples from the soil borings and 12 soil samples from the test pits for laboratory analysis for Full List VOCs plus TICs. However, to further evaluate vertical native and fill horizons, the horizonal conditions at the Site, and locations exhibiting PID or field evidence of impact, seven soil samples were collected from the soil borings and 13 soil samples were collected from the test pits for Full List VOCs plus TICs laboratory analysis.
- Per the Aboveground Storage Tank (AST) Closure and Geophysical Survey Letter Work Plan dated June 13, 2024, one 10,000-gallon diesel AST was removed from the Site and a geophysical survey

was completed. This scope or work also included advancement of five additional test pits (TP-25 through TP-29), and collection of an additional five soil samples for laboratory analysis for Full List VOCs plus TICs, TCL VOCs plus TICs, and TAL metals. Refer to Section 4.1.2 and 5.0 for additional information.

- Per LaBella's correspondence with the NYSDEC on August 15, 2022, the RI scope of work include collection of four soil samples from the soil borings for laboratory analysis for 1,4-dioxane and PFAS. However, to further evaluate vertical native and fill horizons and the horizonal conditions at the Site, five soil samples were collected from the soil borings for 1,4-dioxane and PFAS laboratory analysis.
- Section 3.2.3 of the RIWP states that VOCs plus TICs will be added to the analytical scheme at any location exhibiting elevated PID readings. Soil collected from TP-1 exhibited a PID reading of 41.9 ppm from 3-6 ft bgs. Although soil was collected from TP-1 (2-3 ft bgs) and submitted for laboratory analysis, the laboratory analysis performed excluded VOC plus TICs analysis. Refer to Table 1A for a complete list of the laboratory analysis performed on the soil sample collected from TP-1 (2-3 ft bgs). Refer to Section 9.1.2 for a detailed evaluation related to field observations and the corresponding soil results within the soil/fill samples collected from the Site.
- Monitoring wells were developed with a disposable bailer via surge and purge methodology and then pumped with a peristaltic pump in lieu of exclusively using a disposable bailer. Additionally, MW-1 was developed with a peristaltic pump due to an obstruction in the well.

5.0 SUPPLEMENTAL ACTIVITIES

The scope of the supplemental activities detailed below are consistent with the June 13, 2024 AST Closure and Geophysical Survey Letter Work Plan, and subsequent correspondence with the NYSDEC included in Appendix 1..

- Geophysical Survey of the Site
- Closure of one 10,000-gallon diesel AST

5.1 Geophysical Survey

On June 26, 2024, Nova Geophysical Services (Nova) completed a geophysical survey at the Site for the following purposes.

- Identify current or former substructures, obstacles, pipes, potential USTs, anomalies, and other abnormalities.
- Identify current or former utilities or other embedded conduits.
- Perform pipe tracing to identify unknown pipes.
- Prepare a technical report summarizing field findings including subsurface structures, utilities, anomalies, and other abnormalities.

The results of the Geophysical Survey are contained within the Geophysical Engineering Survey Report dated July 1, 2024 included in Appendix 6. The results of the geophysical survey revealed the following.

- The location of subsurface electric, natural gas, water, and sewer utilities.
- No anomalies consistent with orphaned USTs were identified at the Site.
- The location of an oil-water separator located immediately north adjacent of Building 1. It should be noted that the location of this oil water separator is consistent with the location of the Oil-Water

Separator 1 observed during the November 2018 Phase I ESA (refer to Section 1.2.3) and during LaBella's site visit on May 21, 2024 (refer to Section 6.2). The geophysical survey identified that Oil-Water Separator 1 is connected to floor drains located within Building 1 which discharge through Oil-Water Separator 1 to the municipal sewer system. Floor drains within Building 1 consist of a trench drain located within the central portion of Building 1 previously utilized for truck maintenance and a trench drain and square floor drain located within the east portion of Building 1 previously utilized for truck washing. It should be noted that the November 2018 Phase I ESA reported "no concerns (staining, odors, etc.) proximate the drains". Site observations collected by LaBella during previous site visits to prepare for RI field activities in September 2022 as well as site visits in May 2024 were consistent with the observations reported within the November 2018 Phase I ESA and did not observe evidence of release within the work areas adjacent the floor drains located within Building 1. Soil borings SB-20W and SB-23 advanced adjacent to Oil-Water Separator 1 did not identity field evidence of impact (i.e., odors, staining, elevated PID readings) or contaminants exceeding Part 375 Residential or Commercial Soil Cleanup Objectives with the exception of manganese, arsenic, and lead. In addition, groundwater samples collected from SB-20W located hydraulically downgradient of Oil-Water Separator 1 did not identify any concentrations of VOCs exceeding NYSDEC GA groundwater standards. Considering that there is no subsurface information at the Site to suggest that Oil-Water Separator 1 is a source of subsurface impact, it is LaBella's opinion that the Oil-Water Separator 1 represents a low environmental risk and that removal or closure of the Oil-Water Separator 1 can be completed concurrent with implementation of the final remedy.

- A geophysical anomaly was identified located within the extreme northeast interior of Building 1 beneath the concrete slab, hereinafter referred to as "Suspect Oil-Water Separator 2". Although the dimensions of Suspect Oil-Water Separator 2 have not been confirmed, it appears that Suspect Oil-Water Separator 2 is square in shape, rather small in size, and no more than five feet long and five feet wide. Photos of Suspect Oil-Water Separator 2 are included within the Geophysical Survey Report. The geophysical survey revealed private sewer lines connecting Suspect Oil-Water Separator 2 to the trench drain located immediately west of Suspect Oil-Water Separator 2 and the greater private sewer line discharging through Oil-Water Separator 1 to the municipal sewer system. It should be noted that there are no surface features observable from within Building 1 or within the footprint of the anomaly that would allow for visual access to the Suspect Oil-Water Separator 2. Soil borings SB-20W and SB-23 advanced adjacent to Suspect Oil-Water Separator 2 did not identity field evidence of impact (i.e., odors, staining, elevated PID readings) or contaminants exceeding Part 375 Residential or Commercial Soil Cleanup Objectives with the exception of manganese, arsenic, and lead. In addition, groundwater samples collected from SB-20W located hydraulically downgradient of Suspect Oil-Water Separator 2 did not identify any concentrations of VOCs exceeding NYSDEC GA groundwater standards. Considering that there is no subsurface information at the Site to suggest that Suspect Oil-Water Separator 2 is a source of subsurface impact, it is LaBella's opinion that the Suspect Oil-Water Separator 2 represents a low environmental risk and that removal or closure of the Suspect Oil-Water Separator 2 can be completed concurrent with implementation of the final remedy.
- As observed by LaBella during previous site visits including the May 21 and 30, 2024 site visit, a pipe of unknown nature protrudes from the east exterior wall of Building 1, then travels vertically along the east interior wall of Building 1 and enters the interior concrete floor within the area delineated to contain Suspect Oil-Water Separator 2. Geophysical assessment of the pipe of unknown nature concluded that the pipe of unknown nature appears to be connected to Suspect Oil-Water Separator 2. As such, the pipe of unknown nature does not appear to be of environmental concern at this time.
- A scattered geophysical anomaly consistent with disturbed soil and backfill was identified south of Building 1, hereinafter referred to as "Anomaly 1". The location of Anomaly 1 is consistent with the

known location of historical UST's and a pump island detailed within Figure 2 of the February 2019 Phase II ESA included within Appendix 2. As such, Anomaly 1 is likely related to the presence of backfill or disturbed soil associated with previous UST and pump island closure activity. The subsurface conditions proximate Anomaly 1 have been assessed by investigation locations SB-1, SB-2W, and SB-16 through SB-19.

- A scattered geophysical anomaly consistent with disturbed soil and backfill was identified southeast of Building 2, hereinafter referred to as "Anomaly 2" . The location of Anomaly 2 is consistent with the known location of a historical 10,000-gallon diesel UST detailed within Figure 2 of the February 2019 Phase II ESA included within Appendix 2. As such, Anomaly 2 is likely related to the presence of backfill or disturbed soil associated with previous UST closure activity. The subsurface conditions proximate Anomaly 2 were assessed by investigation locations SB-6 and TP-6.
- A scattered geophysical anomaly consistent with disturbed soil and backfill was identified east of Building 2, hereinafter referred to as "Anomaly 3". The source of Anomaly 3 was evaluated through advancement of test pit TP-29 which encountered a large buried concrete foundation component likely associated with the historical pipe/tin shop.

Photographs and the location of the structures discussed above are included within Geophysical Engineering Survey Report in Appendix 6. Additional photographs collected during LaBella's May 21 and 30, 2024 site visit are included in Appendix 8.

5.2 AST Closure

One 10,000-gallon diesel AST associated with petroleum bulk storage (PBS) Site Number 9-421227 was removed from the Site on October 10, 2024. The results of the AST closure is summarized within the AST Closure Report dated February 18, 2025 included within Appendix 7.

Due to the presence of suspect-petroleum stained soil observed subsequent removal of the AST, LaBella re-mobilized to the Site on October 17, 2024 and advanced test pit excavations TP-25 through TP-28 to evaluate the conditions proximate the former AST location as is detailed within Section 4.1.2 and 8.2.

6.0 PHYSICAL CHARACTERISTICS OF THE SITE

6.1 Setting

The Site is currently improved with Building 1 located on the south portion of the Site and Building 2 located on the north portion of the Site. Exterior portions of the Site primarily consist of asphalt paved or gravel surfaces with limited green space on the north portion of the Site. Refer to Section 6.1.1 below regarding Site conditions recorded in May 2024.

The Buffalo River borders the Site to the east. A concrete retaining wall separates the Buffalo River from the Site, and the location of the concrete retaining wall appears consistent with the Site boundary. Although construction drawings related to the concrete retaining wall along the Buffalo River and southeast Site Boundary are not available, inspection of the concrete retaining wall in May 2024 revealed that the concrete retaining wall was in good condition. No evidence of retaining wall failure or erosion into Buffalo Creek was observed. Refer to Section 6.1.1 below regarding Site conditions recorded in May 2024 and Section 6.3 regarding the hydrogeologic influence of the retaining wall.

The topography of the Site is slightly sloping to the southeast with an elevation of approximately 595 to 600 ft above mean sea level according to the USGS 7.5-minute, Buffalo SE, New York quadrangle map.

According to the United States Department of Agriculture (USDA) Natural Resource Conservation Service (NRCS) Web Soil Survey (WSS), the Site consists of Urban land. Urban land is described as areas with soils that have been disturbed, transported, and/or are mostly covered with impervious surfaces such as buildings, pavement, industrial parks, and railroad yards. The Surficial Geologic Map of New York – Niagara Sheet (1988) indicates that the overburden underlying the Site consists of lacustrine silt and clay, which is generally laminated silt and clay, deposited in proglacial lakes.

According to the United States Geological Survey (USGS) Geological Map of New York Niagara Sheet (1970), the underlying bedrock formation at the Site consists of the Onondaga Limestone Seneca, Morehouse (cherty), and Clarence Limestone Members, Edgecliff cherty Limestone Member, local coral bioherms; Bois Blanc Limestone. Bedrock was not encountered during intrusive work conducted as part of the RI or the February 2019 Phase II ESA.

The Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map of the area indicates that the Site is within the 100 and 500-year floodplains.

The NYSDEC Freshwater Wetland Map and the United States Department of Interior Fish and Wildlife Service National Wetlands Inventory Map for the Site were reviewed. No state wetlands or federally designated wetlands are located on or adjoining the Site.

6.1.1 Site Conditions

At the time of LaBella's initial RI field activities in September 2022, Building 1 was operated as a truck maintenance garage, truck washing station, and office. The west portion of Building 2 was vacant and the east portion of Building 2 was utilized as a storage area for truck parts, empty drums, and old vehicles. A site visit was conducted by LaBella on May 21, 2024 to establish the conditions within the Site Buildings and the condition of the retaining wall located along the east Site boundary along the Buffalo River. In addition, a supplemental Site visit was conducted by LaBella with NYSDEC representatives on May 30, 2024. The collective observations from the May 2024 site visits are detailed below and the photographs collected are included in Appendix 8.

- Operations consistent with truck maintenance and repair was observed within the Site Buildings; however, the quantity of hazardous substances and petroleum product typically associated with the truck maintenance and repair operation was significantly less than that often associated with similar operations. Hazardous substances and petroleum products stored generally consisted of small quantities of maintenance fluids, two drums of oil/grease, one parts washer, and one portable used oil AST.
- Oil-Water Separator 1 is located immediately proximate the northeast exterior of Building 1. Features observable at the ground surface associated with Oil-Water Separator 1 includes a circular steel "manhole" installed within a concrete pad.
- No evidence of poor housekeeping or the release of hazardous substances or petroleum products were observed within the interior of Building 1 or Building 2. It should be noted that the housekeeping at the Site observed by LaBella is consistent with the conditions reported within the November 2018 Phase I ESA which reported no concerns (staining, odors, etc.) proximate the drains interior floor drains.

- Floor drains within Building 1 consist of a trench drain located within the central portion of Building 1 previously utilized for truck maintenance and a trench drain and square floor drain located within the east portion of Building 1 previously utilized for truck washing. Based on the results of the geophysical survey (refer to Section 5.1), it appears that the floor drains located within Building 1 discharge through Oil-Water Separator 1 located proximate the north exterior of Building 1 to the municipal sewer system.
- One pipe of unknown nature was observed protruding from the east exterior wall of Building 1 traveling vertically along the east interior wall of Building 1 and entering the interior concrete floor. It should be noted that the pipe of unknown nature was assessed/traced within the geophysical survey scope of work detailed within Section 5.1. Although the exact nature of the pipe was not confirmed, based on the results of the geophysical survey, it appears that the pipe of unknown nature may be associated with Suspect Oil-Water Separator 2 located beneath the northeast portion of Building 1. As such, the pipe of unknown nature does not appear to be of environmental concern at this time.
- Three apparent metal pipes consistent with bollards were identified north of Building 2 and immediately south adjacent to the north Site boundary. The location of the bollards is consistent with the reported location of a gasoline pump dispenser identified within Figure 2 of the February 2019 Phase II ESA included within Appendix 2. Based on the results of the geophysical survey (refer to Section 5.1), no subsurface structures or anomalies consistent with orphaned UST or ancillary systems were identified adjacent to the bollards. It should be noted that subsurface conditions adjacent the suspect bollards was assessed through investigation locations SB-8/SB-8W and SB-30/MW-4.
- Two piles of gravel were noted located on the central portion of the Site immediately east adjacent to the Site boundary along Ganson Street. At the time of the site visits, the source and nature of the gravel piles were not known; however, after subsequent evaluation, it was determined that the gravel piles were unknowingly imported to the Site by George W. Burnett Inc. (i.e. tenant/truck maintenance operation) in August 2020. At the request of the NYSDEC, a formal Request to Import/Reuse Fill or Soil was submitted to the NYSDEC on June 17, 2024. A copy of the Request to Import/Reuse Fill or Soil is included in Appendix 1. Subsequently, LaBella visited the Site on March 28, 2025 and noted that the gravel piles were no longer present at the Site. Inquiries with Mr. Joe Carruba revealed that Mr. Carruba had no knowledge that the gravel was removed from the Site. LaBella contacted Mr. Eric Bauer with George W. Burnett Inc., the former site tenant, on March 3, 2025 who reported approximately 80% of the gravel was exported from the Site for construction of a residential driveway, approximately 10% was exported for unknown use to a private individual, and approximately 10% was used on-site to fill “pot holes”. LaBella returned to the Site on March 4, 2025 to observe the conditions proximate the former location of the gravel piles. Photographs of the conditions observed are included in Appendix 8. No evidence suggesting subsurface soil was disturbed, excavated, or inadvertently exported during the gravel removal activities implemented by George W. Burnett Inc. was observed.
- One 10,000-gallon diesel AST was located north of Building 1. The AST was actively being used by the Site tenant George W. Burnett Inc. to fuel vehicles associated with truck repair operations. The AST appeared to be in good condition; however, a small area of surface stained soil was observed immediately east of the AST, presumably the result of minor spills of diesel fuel during diesel product delivery (i.e. filling the AST) considering the fill port of the AST is proximate this location. The AST was removed from the Site on October 8, 2024 and subsequent investigation of the subsurface conditions proximate the AST completed on October 17, 2024. Refer to Section 5.2 for additional information related to removal of the 10,000-gallon AST. A copy of the AST Closure Report is included in Appendix 7.

- LaBella conducted a visual inspection of the concrete retaining wall located along the southeast Site Boundary along the Buffalo River. Based on the visual observations, the concrete retaining appeared to be in good condition. No evidence of failure was observed.

It should be noted that the George W. Burnett Inc. tenant/truck maintenance operation vacated the Site in the Fall of 2024 and it is LaBella's understanding that the Site is currently unoccupied.

6.2 Geology

Based on the collective subsurface conditions observed within the soil borings and test pits advanced at the Site associated with the 2019 Phase II ESA and the RI, fill material consisting of concrete, asphalt/pavement, brick, gravel, coal, wood, railroad ties, rebar, ash, glass, silt, sand, and clay extending to a maximum depth of approximately between approximately 7.5 and 10 ft bgs within soil borings SB-1, SB-2, SB-17, SB-18, SB-22, SB-23, SB-26 generally overlays the Site. However, with the exception of the soil boring locations SB-1, SB-2, SB-17, SB-18, SB-22, SB-23, SB-26, fill material generally extended to maximum depths of between approximately 1.5 and 6 ft bgs on the north portion of the Site, and between approximately 2 and 5.5 ft bgs on the south portion of the Site. Slag was encountered within the fill material in soil boring SB-27 and test pit excavations TP-11, TP-12, TP-17, TP-18, TP-19, TP-20, and TP-21 to a maximum depth of approximately 5 ft bgs. Fill material including a tire and a plastic tarp was encountered within TP-10 to a maximum depth of 5 ft bgs. Native material consisting of gravel, sand, silt, and clay was encountered beneath the fill layer extending to a maximum depth of approximately 16 ft bgs. Saturated conditions were generally encountered during advancement of soil borings and test pit excavations between approximately 2 and 10 ft bgs.

6.3 Hydrogeology

Hydrogeologic conditions at the Site were evaluated through collection of groundwater data from groundwater monitoring wells MW-1 through MW-8. It should be noted that groundwater monitoring wells MW-1 and MW-2 were installed by others prior to RI activities implemented by LaBella; however, groundwater monitoring wells MW-3 through MW-4 were installed in September 2022. Additional information regarding installation of the monitoring wells is located in Section 4.1.3 and 4.1.4. Static water level measurements were taken from the monitoring wells on September 14, 2022. It should be noted, as detailed within Section 4.1.4, the groundwater elevation within MW-1 could not be measured due to the presence of an obstruction in the well.

These static water level measurements were measured in feet above mean sea level (ft AMSL) and are shown in the table below. The depth to groundwater measured in the wells ranged from between 2.11 and 9.39 feet from the top of the well risers.

Summary of Monitoring Well Static Groundwater Measurements

Monitoring Well ID	Total Depth of Well (ft)	Elevation of Top of Riser (ft AMSL)	Static Water Level (ft from top of Riser)	Groundwater Elevation (ft AMSL)
MW-1	NM*	584.88	NM*	NM*
MW-2	19.20	585.07	9.39	575.68
MW-3	14.50	581.13	5.33	575.80
MW-4	11.40	581.61	2.11	579.50
MW-5	14.70	581.65	9.68	576.97
MW-6	14.70	579.04	6.35	572.69
MW-7	14.65	580.62	6.82	573.80
MW-8	15.00	579.39	6.71	572.68

*-Measurement from MW-1 was not obtained due to an obstruction in the well

Elevations were determined by surveying the top of the groundwater monitoring well risers and obtaining the static water level readings from within each groundwater monitoring well at the Site. A groundwater contour map is included as Figure 5. Review of the groundwater contour map and static water levels recorded in the monitoring wells indicates that the gradient of the groundwater potentiometric surface across the Site is generally to the south-southeast.

Buffalo River elevation data retrieved from the National Oceanic and Atmospheric Administration (NOAA) Tides and Currents Website (https://tidesandcurrents.noaa.gov/) collected from Station ID: 9063020 located approximately 1.3-miles downstream of the Site reported a mean surface elevation of 572.52 ft on September 14, 2024. Buffalo River elevation data for the seven day period starting September 11, 2022 and ending September 17, 2022 reported a minimum mean of 572.14 ft and a maximum mean of 572.62 ft. Groundwater elevation recorded in the groundwater monitoring wells installed at the Site appear higher than the elevations reported in Buffalo Creek for the dates elevation data was retrieved. It should be noted that the Buffalo River elevation data was recorded within the International Great Lakes Datum of 1985, which according to NOAA, is an equivalent of ft AMSL. Information retrieved from NOAA is included within Appendix 11.

Although construction drawings are unavailable for the concrete retaining wall and the actual structure of the retaining wall is unknown, concrete retaining walls along rivers are often constructed with a toe-footer extending perpendicular to the retaining wall matching the river bed elevation. Considering this typical construction design and the apparent good condition of the concrete retaining wall at the Site, groundwater and river water may have the opportunity to exchange through retaining wall joints or through the concrete due to concretes porous structure. Water bearing zones located at an elevation beneath the tow-footing may more readily exchange groundwater depending on greater regional groundwater flow and alternating hydrostatic pressure associated with water level fluctuations in the Buffalo River.

7.0 FIELD SCREENING RESULTS AND EVIDENCE OF IMPAIRMENT

The following subsections present and discuss the results of organic vapor field screening and CAMP results conducted during the RI program, as well as visual and olfactory evidence of impairment noted during the field program.

7.1 Organic Vapor Screening Results

Direct screening of subsurface soil/fill samples collected from the test pits and soil borings advanced as part of the RI for TOVs was conducted using a PID and the resulting measurements were recorded on the field logs. TOV measurements were generally at background levels (less than 1 ppm) with the exception of the following.

- TP-1 exhibited a PID reading of 41.9 ppm from 3-6 ft bgs.
- TP-2 exhibited a PID reading of 1.2 ppm from 2-5 ft bgs.
- TP-6 exhibited a PID reading of 1.7 ppm.
- TP-25 exhibited a PID a peak PID reading of 87.9 ppm from 2-3 ft bgs.
- TP-26 exhibited a peak PID reading of 5 ppm from 4-5 ft bgs.
- TP-27 exhibited a PID reading of 3.5 ppm from 2-3 ft bgs.
- TP-28 exhibited a PID reading of 3.5 ppm from 2-3 ft bgs.
- SB-25 exhibited a peak PID reading of 55.8 ppm from 5-6.3 ft bgs.
- SB-27 exhibited a peak PID reading of 5.5 ppm from 3-3.5 ft bgs.

PID readings were considered when selecting soil samples for laboratory analysis. Subsurface logs detailing the observations collected during advancement of the test pits and soil borings are included in Appendix 3. Table 1A summarizes the subsurface conditions encountered and the laboratory analysis performed.

7.2 Visual/Olfactory Evidence of Impairment

Visual and/or olfactory evidence of impairment, including staining and odor, was assessed during the advancement of the soil borings and test pits advanced as part of the RI, and was noted on the subsurface logs. Based on the field observations, no field evidence of impact was encountered within the test pits of soil borings advanced as part of the RI the exception of the following.

- TP-1 exhibited suspect petroleum-type odors within soil collected from the ground surface to 3 ft bgs.
- TP-6 exhibited slight suspect petroleum-type odor within soil collected from 0-3 ft bgs.
- TP-25 exhibited suspect petroleum-type odors and staining within soil collected from the ground surface to 6 ft bgs.

Generally, the soil samples detailed above also exhibited elevated PID readings.

Visual and olfactory evidence of impact was considered when selecting soil samples for laboratory analysis. Subsurface logs detailing the observations collected during advancement of the test pits and soil borings are included in Appendix 3. Table 1A summarizes the subsurface conditions encountered and the laboratory analysis performed.

7.3 Community Air Monitoring Results

Continuous community air monitoring was performed during the September 2022 intrusive activities, and during the October 2024 test pit investigation and AST closure. Community air monitoring included monitoring air for particulates at both locations upwind and downwind portions of the Site. Upwind and downwind monitoring locations for both particulates and VOCs were selected based on prevailing wind conditions during the investigation activities. Particulate monitoring was conducted using TSI 8530 DustTrak II aerosol monitors equipped with data-logging function in accordance with the CAMP. No exceedances of the CAMP action levels were recorded at the downwind locations during the course of these RI field activities at the Site. It should be noted that during the soil boring activities the DustTrack meter was experiencing technical difficulties. Also, during the first two days of test pit activity, the task was completed during inclement weather and the meters were not deployed. The community air monitoring results are included in Appendix 9. VOC monitoring and screening of soils recovered from test pits and soil borings were recorded on field logs included in Appendix 3. Methods to control dust and dirt were not necessary at the Site during RI field activities.

8.0 ANALYTICAL RESULTS

The following sections summarize and discuss the analytical results generated during the RI. Surface and subsurface soil/fill, native soil, soil vapor, and groundwater samples were collected for chemical analysis to evaluate the magnitude and extent of potential contamination occurring at the Site. A summary of the RI sampling program as well as the number and type of QA/QC samples is presented in Table 1A and 1B. Tables 2 through 6 summarize the results of the laboratory analysis with the final validation qualifiers for the surface soil/fill, subsurface soil/fill, groundwater, and soil vapor samples, respectively, and compare the results to the applicable SCGs described in Section 3.0. The laboratory analytical reports are included in Appendix 4.

With the exception of the soil samples collected from the test pits advanced in October 2024 (TP-25 through TP-28), laboratory data was validated in accordance with NYSDEC guidelines and was qualified, where appropriate, based on the data usability evaluation. Qualifier codes were used to indicate the qualitative and quantitative reliability of the data. All analytical laboratory data were found to be valid and usable with the qualifications noted in the DUSRs with the exception of the following:

- The herbicide fraction result for pentachlorophenol in one sample was rejected due to an apparent matrix effect.
- Numerous SVOC TICs in most of the samples were considered external laboratory contamination and were removed as sample components.
- Chloroform in samples reported in Sample Delivery Groups (SDGs) 480-201357-1 and 480-201621-1 were edited to reflect non-detect due to presence in the associated method blanks.
- Toluene in all samples reported in SDGs 480-201357-1 [except SB-25 (4-6')] were edited to reflect non-detect due to presence in the associated method blanks.
- Butylbenzylphthalate in samples reported in SDGs 480-201432-1 were edited to reflect non-detect due to presence in the associated method blanks.
- Diethylphthalte in samples reported in SDG 480-201621-1, 480-201794-1 and 480-202112-1 were edited to reflect non-detect due to presence in the associated method blanks.
- Many detected pesticides were edited to reflect non-detect due to results exhibiting elevated dual column quantitative correlations.
- 4,4'-DDD and endrin aldehyde in samples reported in SDG 480-201357-1 were edited to reflect non-detect due to presence in the associated method blanks.

- PFOS in MW-8, PFBA in MW-5 and DUP, perfluorohexanoic acid (PFHxA) and perfluorobutanesulfonic acid (PFBS) in MW-6, and PFBS in MW-5 and DUP are considered to be Estimated Maximum Possible Concentrations (EMPC) due to outlying ion ratios.
- Perfluorodecanic acid (PFDA), PFHxA, and perfluorooctanoic acid (PFOA) in SDG 480-201621-1 were edited to reflect non-detect due to external contamination during re-extraction process.

Consistent with NYSDEC guidelines, the ASP Category B deliverables are not presented as appendices to the RI Report. The data will be transmitted electronically to the NYSDEC in a format consistent with the Electronic Data Deliverable (EDD) Manual.

8.1 Surface Soil/Fill

Four surface soil/fill samples were collected and submitted for laboratory analysis as part of the RI. The laboratory results are included within Appendix 4, and the results are summarized within Table 2. The surface soil/fill sample locations are depicted on Figure 3. VOCs, SVOCs, PFAs, pesticides and metals were not detected within the surface soil/fill samples collected from the Site at concentrations exceeding the SCGs utilized in implementation of the RI with the exception of the following.

Metals exceeding the SCGs utilized in implementation of the RI are listed below:

- Arsenic was detected within surface soil/fill sample SS-1 at a concentration of 16.6 milligrams per kilogram (mg/kg) exceeding its respective Unrestricted Use SCO (13 mg/kg), Restricted Residential Use SCO (16 mg/kg), and Commercial Use SCO (16 mg/kg).
- Total chromium was detected within surface soil/fill samples SS-1, SS-2, and SS-3 at concentrations of 151 mg/kg, 151 mg/kg, and 42.6 mg/kg, respectively. These concentrations all exceed the Unrestricted SCO of 1 mg/kg for hexavalent chromium and 30 mg/kg for trivalent chromium; however, only the soil sample collected from SS-2 exhibited a concentration of total chromium exceeding the Restricted Residential Use SCO for hexavalent chromium of 110 mg/kg. It should be noted that that a total chromium concentration of 384 mg/kg was detected within soil/fill sample DUP-2 (duplicate sample of SS-1). This concentration of total chromium exceeds the Unrestricted SCO of 1 mg/kg for hexavalent chromium and 30 mg/kg for trivalent chromium, and the Restricted Residential Use SCO of 110 mg/kg for hexavalent chromium and 180 mg/kg for trivalent chromium. None of the concentrations of total chromium detected within the surface soil/fill samples exceeded their respective Commercial Use SCOs.
- Copper was detected within surface soil/fill samples collected from SS-1, DUP-2 (SS-1), SS-2, and SS-3 at concentrations of 76.5 mg/kg, 63.1 mg/kg, 74.6 mg/kg, and 58.2 mg/kg, respectively. These concentrations exceed the Unrestricted Use SCO for copper of 50 mg/kg; however, do not exceed the Restricted Residential or Commercial Use SCO for copper of 270 mg/kg.
- Lead was detected within surface soil/fill samples collected from SS-1, DUP-2 (SS-1), SS-2, and SS-3 at concentrations of 78.5 mg/kg, 114 mg/kg, 134 mg/kg, and 253 mg/kg, respectively. These concentrations exceed the Unrestricted Use SCO for lead of 63 mg/kg; however, do not exceed the Restricted Residential Use SCO for lead of 400 or the Commercial Use SCO for lead of 1,000 mg/kg.
- Manganese was detected within surface soil/fill samples collected from SS-1, DUP-2 (SS-1), SS-2, and SS-3 at concentrations of 2,110 mg/kg, 7,190 mg/kg, 3,080 mg/kg, and 2,280 mg/kg, respectively. These concentrations exceed the Unrestricted Use SCO for manganese of 1,600 mg/kg and the Restricted Residential Use SCO for manganese of 2,000; however, do not exceed the Commercial Use SCOs for manganese of 10,000 mg/kg.
- Nickel was detected within surface soil/fill samples collected from SS-1 and DUP-2 (SS-1) at concentrations of 38.7 mg/kg and 33.6 mg/kg, respectively. These concentrations exceed the



Unrestricted Use SCO for nickel of 30 mg/kg; however, do not exceed the Restricted Residential of Commercial Use SCO for nickel of 310 mg/kg.

- Selenium was detected within surface soil/fill samples collected from SS-1 and DUP-2 (SS-1) at concentrations of 4.1 mg/kg and 5.9 mg/kg, respectively. These concentrations exceed the Unrestricted Use SCO for selenium of 3.9 mg/kg; however, do not exceed the Restricted Residential Use SCO for selenium of 180 mg/kg or the Commercial Use SCO for selenium of 1,500 mg/kg.
- Zinc was detected within surface soil/fill samples collected from SS-2 and SS-3 at concentrations of 210 mg/kg and 121 mg/kg, respectively. These concentrations exceed the Unrestricted Use SCO for zinc of 109 mg/kg; however, do not exceed the Restricted Residential or Commercial Use SCO for zinc of 10,000 mg/kg.

SVOCs exceeding the SCGs utilized in implementation of the RI are listed below:

- Benzo(a)anthracene was detected within the surface soil/fill sample collected from SS-2 at a concentration of 1.9 mg/kg, exceeding the Unrestricted and Restricted Residential Use SCO of 1 mg/kg; however, below the Commercial Use SCO of 5.6 mg/kg.
- Benzo(a)pyrene was detected within the surface soil/fill samples collected from SS-2 and SS-3 at concentrations of 2.4 mg/kg and 1.5 mg/kg, respectively. These concentrations exceed the Unrestricted, Restricted Residential, and Commercial Use SCO of 1 mg/kg.
- Benzo(b)fluoranthene was detected within the surface soil/fill samples collected for SS-2 and SS-3 at concentrations of 3.1 mg/kg and 1.8 mg/kg, respectively. These concentrations exceed the Unrestricted and Restricted Residential Use SCO of 1 mg/kg; however, do not exceed the Commercial Use SCO of 5.6 mg/kg.
- Benzo(k)fluoranthene was detected within surface soil/fill samples collected from SS-2 and SS-3 at concentrations of 1.1 mg/kg and 0.94 mg/kg, respectively. These concentrations exceed the Unrestricted Use SCO of 0.8 mg/kg; however, do not exceed the Restricted Residential Use SCO of 3.9 mg/kg or the Commercial Use SCO of 56 mg/kg.
- Chrysene was detected within the surface soil/fill sample collected from SS-2 and SS-3 at concentrations of 2.1 mg/kg and 1.3 mg/kg, respectively. These concentrations exceed the Unrestricted Use SCO of 1 mg/kg; however, do not exceed the Restricted Residential Use SCO of 3.9 mg/kg or the Commercial Use SCO of 56 mg/kg.
- Dibenzo(a,h)anthracene was detected within surface soil/fill samples collected from SS-2 and SS-3 at a concentration of 0.42 mg/kg; exceeding the Unrestricted and Restricted Residential Use SCO of 0.33 mg/kg; however, below the Commercial Use SCO of 0.56 mg/kg.
- Indeno(1,2,3-cd)pyrene was detected within surface soil/fill samples collected from SS-2 and SS-3 at concentrations of 1.9 mg/kg and 1.4 mg/kg, respectively. These concentrations exceed the Unrestricted and Restricted Residential Use SCO of 0.5 mg/kg; however, are below the Commercial Use SCO of 5.6 mg/kg.

Pesticides exceeding the SCGs utilized in implementation of the RI are listed below:

- 4,4'-DDD was detected within the surface soil sample collected from SS-2 at a concentration of 0.012 mg/kg, exceeding the Unrestricted Use SCO of 0.0033 mg/kg; however, below the Restricted Residential Use SCO of 13 mg/kg and the Commercial Use SCO of 92 mg/kg.

8.2 Subsurface Soil/Fill

A total of 39 subsurface soil/fill (29 test pit and 10 soil boring) samples were collected and submitted for laboratory analysis as part of the RI. The laboratory results are included within Appendix 4, and the results

are summarized within Table 3A, 3B, and 4B. The subsurface soil/fill sample locations are depicted on Figure 3. No analytes were detected within the subsurface soil/fill samples collected from the Site at concentrations exceeding the SCGs utilized in implementation of the RI with the exception of the following.

VOCs exceeding the SCGs utilized in implementation of the RI are listed below:

- Acetone was detected within the subsurface soil/fill sample collected from TP-1, TP-25 (2-3 ft bgs), TP-25 (6-7 ft bgs), TP-26, and SB-26 at concentrations of 0.75 mg/kg, 0.061 mg/kg, 0.072 mg/kg, 0.099 mg/kg, and 0.072 mg/kg, respectively. These concentrations exceed the Unrestricted Use SCO of 0.05 mg/kg; however, are below the Restricted Residential Use SCO of 100 mg/kg and the Commercial Use SCO of 500 mg/kg.
- Methyl ethyl ketone was detected within the subsurface soil/fill sample collected from TP-1 and TP-26 at a concentration of 0.14 mg/kg and 0.021 mg/kg, respectively. These concentrations exceed the Unrestricted Use SCO of 0.12 mg/kg; however, are below the Restricted Residential Use SCO of 100 mg/kg and the Commercial Use SCO of 500 mg/kg.
- Methylene chloride was detected within the subsurface soil/fill sample collected from TP-27 at a concentration of 0.12 mg/kg, exceeding the Unrestricted Use SCO of 0.05 mg/kg; however, below the Restricted Residential Use SCO of 100 mg/kg and the Commercial Use SCO of 500 mg/kg.
- 1,2,4-trimethylbenzene was detected in the subsurface soil/fill sample collected from SB-31 at a concentration of 4.3 mg/kg, exceeding the Unrestricted Use SCO of 3.6 mg/kg; however, below the Restricted Residential Use SCO of 52 mg/kg and the Commercial Use SCO of 190 mg/kg.
- Benzene was detected within the subsurface soil/fill sample collected from SB-25 at a concentration of 0.14 mg/kg, exceeding the Unrestricted Use SCO of 0.06 mg/kg; however, below the Restricted Residential Use SCO of 4.8 mg/kg and the Commercial Use SCO of 44 mg/kg.
- Toluene was detected within subsurface soil/fill sample collected from SB-25 at a concentration of 1 mg/kg, exceeding the Unrestricted Use SCO of 0.7 mg/kg; however, below the Restricted Residential Use SCO of 100 mg/kg and the Commercial Use SCO of 500 mg/kg.
- Total xylenes were detected within the subsurface soil/fill sample collected from SB-25 at a concentration of 3.69 mg/kg, exceeding the Unrestricted Use SCO of 0.26 mg/kg; however, below the Restricted Residential Use SCO of 100 mg/kg and the Commercial Use SCO of 500 mg/kg.

SVOCs exceeding the SCGs utilized in implementation of the RI are listed below:

- Benzo(a)anthracene was detected within the subsurface soil/fill samples collected from TP-1 (2.7 mg/kg), TP-2 (16 mg/kg), TP-4 (2.3 mg/kg), TP-6 (46 mg/kg), TP-7(27 mg/kg), TP-8 (2.3 mg/kg), TP-9 (10 mg/kg), TP-11 (2.6 mg/kg), TP-12 (9.8 mg/kg), TP-13 (1.6 mg/kg), TP-17 (2 mg/kg), TP-20 (1.2 mg/kg), TP-28 (1.4 mg/kg), SB-27 (2.5 mg/kg), SB-29 (31 mg/kg), and DUP-1/SB-27 (5.4 mg/kg).
    - The concentrations of benzo(a)anthracene detected within TP-1, TP-4, TP-8, TP-11, TP-13, TP-17, TP-20, TP-28, SB-27, and DUP-1/SB-27 exceed the Unrestricted and Restricted Residential Use SCO of 1 mg/kg; however, do not exceed the Commercial Use SCO of 5.6 mg/kg.
    - The concentrations of benzo(a)anthracene detected within TP-2, TP-6, TP-7, TP-9, TP-12, and SB-29 exceed the Unrestricted and Restricted Residential Use SCO of 1 mg/kg and the Commercial Use SCO of 5.6 mg/kg.
- Benzo(a)pyrene was detected within the subsurface soil/fill samples collected from TP-1 (2.1 mg/kg), TP-2 (18.0 mg/kg), TP-4 (2.7 mg/kg), TP-6 (45 mg/kg), TP-7 (27 mg/kg), TP-8 (2.5 mg/kg), TP-9 (12 mg/kg), TP-11 (2.7 mg/kg), TP-12 (9.6 mg/kg), TP-13 (1.7 mg/kg), TP-17 (1.9 mg/kg), TP-

20 (1.3 mg/kg), TP-28 (1.3 mg/kg), SB-27 (2.2 mg/kg), SB-29 (42 mg/kg), and DUP-1/SB-27 (4.8 mg/kg) at concentrations exceeding the Unrestricted, Restricted Residential, and Commercial Use SCO of 1 mg/kg.

- Benzo(b)fluoranthene was detected within the subsurface soil/fill samples collected from TP-1 (2.2 mg/kg), TP-2 (20 mg/kg), TP-4 (3.5 mg/kg), TP-5 (1.1 mg/kg), TP-6 (49 mg/kg), TP-7 (27 mg/kg), TP-8 (3 mg/kg), TP-9 (14 mg/kg), TP-11 (3 mg/kg), TP-12 (9.3 mg/kg), TP-13 (2.2 mg/kg), TP-17 (2.3 mg/kg), TP-19 (1.1 mg/kg), TP-20 (2.1 mg/kg), TP-28 (1.5 mg/kg), SB-27 (2.4 mg/kg), SB-29 (52 mg/kg), and DUP-1/SB-27 (5.2 mg/kg).
    - The concentrations of benzo(b)fluoranthene detected within TP-1, TP-4, TP-5, TP-8, TP-11, TP-13, TP-17, TP-19, TP-20, TP-28, SB-27, and DUP-1/SB-27 exceed the Unrestricted and Restricted Residential Use SCO of 1 mg/kg; however, do not exceed the Commercial Use SCO of 5.6 mg/kg.
    - The concentrations of benzo(b)fluoranthene detected within TP-2, TP-6, TP-7, TP-9, TP-12, and SB-29 exceed the Unrestricted and Restricted Residential Use SCO of 1 mg/kg, and the Commercial Use SCO of 5.6 mg/kg.
- Benzo(k)fluoranthene was detected within the subsurface soil/fill samples collected from TP-1 (1.2 mg/kg), TP-2 (11 mg/kg), TP-4 (1.6 mg/kg), TP-6 (18 mg/kg), TP-7 (13 mg/kg), TP-8 (1.1 mg/kg) TP-9 (4.5 mg/kg), TP-11 (1.3 mg/kg), TP-12 (4.6 mg/kg), TP-13 (0.94 mg/kg), TP-17 (0.95 mg/kg), SB-27 (1.1 mg/kg), SB-29 (26 mg/kg), and DUP-1/SB-27 (2.4 mg/kg).
    - The concentrations of benzo(k)fluoranthene detected within TP-1, TP--4, TP-8, TP-11, TP-13, TP-17, SB-27, and DUP-1/SB-27 exceed the Unrestricted Use SCO of 0.8 mg/kg; however, do not exceed the Restricted Residential Use SCO of 3.9 mg/kg or the Commercial Use SCO of 56 mg/kg.
    - The concentrations of benzo(k)fluoranthene detected within TP-2, TP-6, TP-7, TP-9, TP-12, and SB-29 exceed the Unrestricted Use SCO of 0.8 mg/kg and the Restricted Residential Use SCO of 3.9 mg/kg; however, do not exceed the Commercial Use SCO of 56 mg/kg.
- Chrysene was detected within the subsurface soil/fill samples collected from TP-1 (2.7 mg/kg), TP-2 (17 mg/kg), TP-4 (2.8 mg/kg), TP-5 (1 mg/kg), TP-6 (45 mg/kg), TP-7 (28 mg/kg), TP-8 (2.4 mg/kg), TP-9 (10 mg/kg), TP-11 (2.7 mg/kg), TP-12 (8.8 mg/kg), TP-13 (1.9 mg/kg), TP-17 (2.1 mg/kg), TP-20 (1.2 mg/kg), TP-28 (1.5 mg/kg), SB-27 (2.5 mg/kg), SB-29 (35 mg/kg), and DUP-1/SB-27 (5.7 mg/kg).
    - The concentrations of chrysene detected within TP-1, TP-4, TP-5, TP-8, TP-11, TP-13, TP-17, TP-20, TP-28, and SB-27 exceed the Unrestricted Use SCO of 1 mg/kg; however, do not exceed the Restricted Residential Use SCO of 3.9 mg/kg or the Commercial Use SCO of 56 mg/kg.
    - The concentrations of chrysene detected within TP-2, TP-6, TP-7, TP-9, TP-12, SB-29, and DUP-1/SB-27 exceed the Unrestricted Use SCO of 1 mg/kg and the Restricted Residential Use SCO of 3.9 mg/kg; however, do not exceed the Commercial Use SCO of 56 mg/kg.
- Dibenz(a,h)anthracene was detected within the subsurface soil/fill samples collected from TP-1 (0.39 mg/kg), TP-4 (0.45 mg/kg), TP-6 (7.7 mg/kg), TP-7 (4.4 mg/kg), TP-8 (0.51 mg/kg), TP-9 (1.3 mg/kg), TP-11 (0.42 mg/kg), TP-12 (1.6 mg/kg), SB-27 (0.39 mg/kg), SB-29 (7.9 mg/kg), and DUP-1/SB-27 (0.87 mg/kg).
    - The concentrations of dibenz(a,h)anthracene detected within TP-1, TP-4, TP-8, TP-11, and SB-27 exceed the Unrestricted and Restricted Residential Use SCO of 0.33 mg/kg; however, do not exceed the Commercial Use SCO of 0.56 mg/kg.

- The concentrations of dibenz(a,h)anthracene detected within TP-6, TP-7, TP-9, TP-12, SB-29, and DUP-1/SB-27 exceed the Unrestricted and Restricted Residential Use SCO of 0.33 mg/kg and the Commercial Use SCO of 0.56 mg/kg.

- Fluoranthene was detected within the subsurface soil/fill sample collected from TP-6 at a concentration of 100 mg/kg, which exceeds the Unrestricted and Restricted Residential Use SCO of 100 mg/kg; however, is below the Commercial Use SCO of 500 mg/kg.
- Indeno(1,2,3-c,d)pyrene was detected within the subsurface soil/fill sample collected from TP-1 (0.95 mg/kg), TP-2 (12 mg/kg), TP-4 (1.4 mg/kg), TP-5 (0.52 mg/kg), TP-6 (20 mg/kg), TP-7 (15 mg/kg), TP-8 (1.4 mg/kg), TP-9 (6.2 mg/kg), TP-11 (1.7 mg/kg),TP-12 (5.3 mg/kg), TP-13 (1.1 mg/kg), TP-17 (1.3 mg/kg), TP-19 (0.62 mg/kg), TP-20 (0.62 mg/kg), TP-28 (0.58 mg/kg), SB-27 (0.85 mg/kg), SB-29 (24 mg/kg), and DUP-1/SB-27 (2.1 mg/kg).
    - The concentrations of indeno(1,2,3-c,d)pyrene detected within TP-1, TP-4, TP-5, TP-8, TP-11, TP-12, TP-13, TP-17, TP-19, TP-20, TP-28, SB-27, and DUP-1/SB-27 exceed the Unrestricted and Restricted Residential Use SCO of 0.5 mg/kg; however, do not exceed the Commercial Use SCO for 5.6 mg/kg.
    - The concentrations of indeno(1,2,3-c,d)pyrene detected within TP-2, TP-6, TP-7, TP-9, and SB-29 exceed the Unrestricted and Restricted Residential Use SCO of 0.5 mg/kg and the Commercial Use SCO of 5.6 mg/kg.

Metals exceeding the SCGs utilized in implementation of the RI are listed below:

- Arsenic was detected within the subsurface soil/fill samples collected from TP-2 (22.9 mg/kg), TP-4 (18.3 mg/kg),TP-5 (27.4 mg/kg), TP-8 (13.5 mg/kg), TP-9 (15 mg/kg), TP-10 (15 mg/kg), TP-11 (21.9 mg/kg), TP-12 (17 mg/kg), TP-14 (19.5 mg/kg), TP-15 (13 mg/kg), TP-17 (13.2 mg/kg), TP-19 (13 mg/kg), TP-22 (18 mg/kg), TP-27 (18.5 mg/kg), SB-28 (19.5 mg/kg), and DUP-1/SB-27 (13.2 mg/kg).
    - The concentrations of arsenic detected within TP-8, TP-9, TP-10, TP-15, TP-17, TP-19, and DUP-1/SB-27 exceed the Unrestricted Use SCO of 13 mg/kg; however, do not exceed the Restricted Residential or Commercial Use SCO of 16 mg/kg.
    - The concentrations of arsenic detected within TP-2, TP-4, TP-5, TP-11, TP-12, TP-14, TP-22, TP-27, and SB-28 exceed the Unrestricted Use SCO of 13 mg/kg, and the Restricted Residential and Commercial Use SCO of 16 mg/kg.
- Barium was detected within the subsurface soil/fill samples collected from TP-12 (384 mg/kg) and TP-28 (597 mg/kg).
    - The concentration of barium detected in TP-12 exceeds the Unrestricted Use SCO of 350 mg/kg; however, is below the Restricted Residential and Commercial Use SCO of 400 mg/kg.
    - The concentration of barium detected in TP-27 exceeds the Unrestricted Use SCO of 350 mg/kg and the Restricted Residential and Commercial Use SCO of 400 mg/kg.
- Total chromium was detected within each subsurface soil/fill sample collected within the scope of this RI at concentrations of between 5.8 mg/kg and 33.9 mg/kg, exceeding one or both of the respective Unrestricted Use SCO for hexavalent chromium of 1 mg/kg or trivalent chromium of 30 mg/kg. Total chromium was not detected within any of the subsurface soil/fill samples collected at concentrations exceeding the respective Restricted Residential Use SCO for hexavalent chromium of 110 mg/kg or trivalent chromium of 180 mg/kg, or the Commercial Use SCO for hexavalent chromium of 400 mg/kg or trivalent chromium of 1,500 mg/kg.

- Copper was detected within subsurface soil/fill samples collected from TP-2 (99.5 mg/kg), TP-4 (58.6 mg/kg), TP-5 (158 mg/kg), TP-6 (188 mg/kg), TP-8 (127 mg/kg), TP-9 (67.9 mg/kg), TP-10 (79.9 mg/kg), TP-11 (215 mg/kg), TP-12 (209 mg/kg), TP-13 (136 mg/kg), TP-14 (95 mg/kg), TP-17 (150 mg/kg), TP-19 (60.8 mg/kg), TP-22 (75.8 mg/kg), TP-24 (50.7 mg/kg), SB-26 (55.5 mg/kg), SB-28 (67.4 mg/kg), and DUP-1/SB-27 (50.3 mg/kg) at concentrations exceeding the Unrestricted Use SCO of 50 mg/kg; however, below the Restricted Residential and Commercial Use SCO of 270 mg/kg.
- Lead was detected within subsurface soil/fill samples collected from TP-1 (247 mg/kg), TP-2 (601 mg/kg), TP-4 (316 mg/kg), TP-5 (341 mg/kg), TP-6 (190 mg/kg), TP-7 (482 mg/kg), TP-8 (301 mg/kg), TP-9 (188 mg/kg), TP-10 (156 mg/kg), TP-11 (373 mg/kg), TP-12 (519 mg/kg), TP-13 (538 mg/kg), TP-14 (149 mg/kg), TP-15 (67.9 mg/kg), TP-17 (2,810 mg/kg), TP-19 (85.4 mg/kg), TP-22 (130 mg/kg), TP-24 (68.5 mg/kg), TP-27 (114 mg/kg), TP-28 (420 mg/kg), SB-23 (92.7 mg/kg), SB-26 (333 mg/kg), SB-28 (824 mg/kg), SB-29 (118 mg/kg), and DUP-1/SB-27 (386 mg/kg).
    - The concentrations of lead detected within TP-1, TP-4, TP-5, TP-6, TP-8, TP-9, TP-10, TP-11, TP-14, TP-15, TP-19, TP-22, TP-24, TP-27, SB-23, SB-26, SB-29, and DUP-1/SB-27 exceed the Unrestricted Use SCO of 63 mg/kg; however, do not exceed the Restricted Residential Use SCO of 400 mg/kg or the Commercial Use SCO of 1,000 mg/kg.
    - The concentrations of lead detected within TP-2, TP-7, TP-12, TP-13, TP-28, and SB-28 exceed the Unrestricted Use SCO of 63 mg/kg and the Restricted Residential Use SCO of 400 mg/kg; however, do not exceed the Commercial Use SCO of 1,000 mg/kg.
    - The concentration of lead detected within TP-17 exceeds the Unrestricted Use SCO of 63 mg/kg, the Restricted Residential Use SCO of 400 mg/kg, and the Commercial Use SCO of 1,000 mg/kg.
- Manganese was detected within the subsurface soil/fill samples collected from TP-14 (10,600 mg/kg), TP-22 (1,870 mg/kg), and SB-23 (3,840 mg/kg).
    - The concentration of manganese detected within TP-22 exceeds the Unrestricted Use SCO of 1,600 mg/kg; however, does not exceed the Restricted Residential Use SCO of 2,000 mg/kg or the Commercial Use SCO of 10,000 mg/kg.
    - The concentration of manganese detected within SB-23 exceeds the Unrestricted Use SCO of 1,600 mg/kg and the Restricted Residential Use SCO of 2,000 mg/kg; however, does not exceed the Commercial Use SCO of 10,000 mg/kg.
    - The concentration of manganese detected within TP-14 exceeds the Unrestricted Use SCO of 1,600 mg/kg, the Restricted Residential Use SCO of 2,000 mg/kg, and the Commercial Use SCO of 10,000 mg/kg.
- Mercury was detected within the subsurface soil/fill samples collected from TP-1 (0.39 mg/kg), TP-2 (0.61 mg/kg), TP-4 (0.19 mg/kg), TP-5 (0.37 mg/kg) , TP-6 (0.27 mg/kg), TP-7 (0.91 mg/kg), TP-8 (0.31 mg/kg), TP-9 (0.21 mg/kg), TP-11 (0.28 mg/kg), TP-12 (0.23 mg/kg), TP-13 (0.5 mg/kg), TP-14 (0.38 mg/kg), TP-17 (0.33 mg/kg), TP-22 (0.39 mg/kg), TP-25 (0.25 mg/kg), SB-26 (1.9 mg/kg), SB-27 (0.29 mg/kg), SB-28 (0.68 mg/kg), SB-29 (0.2 mg/kg), and DUP-1/SB-27 (0.24 mg/kg).
    - The concentrations of mercury detected within TP-1, TP-2, TP-4, TP-5, TP-6, TP-8, TP-9, TP-11, TP-12, TP-13, TP-14, TP-17, TP-22, TP-25, SB-27, SB-28, SB-29, and DUP-1/SB-27 exceed the Unrestricted Use SCO of 0.18 mg/kg; however, do not exceed the Restricted Residential Use SCO of 0.81 mg/kg or the Commercial Use SCO of 2.8 mg/kg.



    - The concentrations of mercury detected within TP-7 and SB-26 exceed the Unrestricted Use SCO of 0.18 mg/kg and the Restricted Residential Use SCO of 0.81 mg/kg; however, do not exceed the Commercial Use SCO of 2.8 mg/kg.
- Nickel was detected with subsurface soil/fill samples collected from TP-2 (42.2 mg/kg), TP-5 (32 mg/kg), TP-12 (37.2 mg/kg), and SB-30 (30.8 mg/kg) at concentrations exceeding the Unrestricted Use SCO of 30 mg/kg; however, below the Restricted Residential and Commercial Use SCO of 310 mg/kg.
- Selenium was detected within subsurface soil/fill samples collected from TP-14 (5.2 mg/kg) and SB-25 (3.9 mg/kg) exceeding the Unrestricted Use SCO of 3.9 mg/kg; however, below the Restricted Residential Use SCO of 180 mg/kg and the Commercial Use SCO of 1,500 mg/kg.
- Zinc was detected within subsurface soil samples collected from TP-1 (133 mg/kg), TP-2 (455 mg/kg), TP-4 (229 mg/kg), TP-5 (498 mg/kg), TP-6 (581 mg/kg), TP-7 (122 mg/kg), TP-8 (188 mg/kg), TP-9 (219 mg/kg), TP-10 (267 mg/kg), TP-11 (147 mg/kg), TP-12 (188 mg/kg), TP-13 (377 mg/kg), TP-17 (129 mg/kg), TP-28 (149 mg/kg), SB-26 (109 mg/kg), SB-28 (264 mg/kg), SB-29 (109 mg/kg), and DUP-1/SB-27 (193 mg/kg) exceeding the Unrestricted Use SCO of 109 mg/kg; however, below the Restricted Residential and Commercial Use SCO of 10,000 mg/kg.

Pesticides exceeding the SCGs utilized in implementation of the RI are listed below:

- 4,4'-DDD was detected within the subsurface soil/fill samples collected from TP-2 (0.0084 mg/kg) and TP-9 (0.014 mg/kg) exceeding the Unrestricted Use SCO of 0.0033 mg/kg; however, below the Restricted Residential Use SCO of 13 mg/kg and the Commercial Use SCO of 92 mg/kg.
- 4,4'-DDE was detected within the subsurface soil/fill samples collected from TP-2 (0.0074 mg/kg), SB-25 (0.024 mg/kg), and SB-29 (0.094 mg/kg) exceeding the Unrestricted Use SCO of 0.0033 mg/kg; however, below the Restricted Residential Use SCO of 8.9 mg/kg and the Commercial Use SCO of 62 mg/kg.
- 4,4'-DDT was detected within the subsurface soil/fill samples collected from TP-2 (0.013 mg/kg) and TP-9 (0.027 mg/kg) exceeding the Unrestricted Use SCO of 0.0033 mg/kg; however, below the Restricted Residential Use SCO of 7.9 mg/kg and the Commercial Use SCO of 47 mg/kg.

8.3 Groundwater

Groundwater samples were collected from two existing and six new two-inch monitoring wells installed at the Site. The laboratory results are included within Appendix 4 and the results are summarized within Table 5. The well locations are depicted on Figure 3. No analytes were detected at concentrations exceeding the SCGs utilized in implementation of the RI with the exception of the following:

- Perfluorooctanoic acid (PFOA) was detected in the groundwater samples collected from MW-5 and DUP-1/MW-5 at a concentration of 15 nanograms per liter (ng/l), exceeding the groundwater NYSDEC TOGS 1.1.1 AWQS value of 6.7 ng/l.
- Perfluorooctanesulfonic acid (PFOS) was detected in the groundwater samples collected from MW-4 and MW-6 at respective concentrations of 8 ng/l and 3.4 ng/l, exceeding the groundwater NYSDEC TOGS 1.1.1 AWQS value of 2.7 ng/l.

8.4 Soil Vapor

Four soil vapor samples (SV-1 through SV-4) and one outdoor air sample (OA-1) were collected from the Site. The laboratory results are included within Appendix 4, and the results are summarized within Table 6. The soil vapor point locations are depicted on Figure 3.

Although the NYSDOH has not established guidance for analytes within soil vapor, for discussion purposes, below is a detailed review of the VOCs detected within the soil vapor samples collected from the Site for which the NYSDOH has established SCGs for soil vapor and indoor air.

- Benzene was detected within SV-1 [12 micrograms per cubic meter (ug/m^3)], SV-2 (5 ug/m^3), SV-3 (1.4 ug/m^3), SV-4 (0.86 ug/m^3), OA-1 (0.39 ug/m^3)
- Ethylbenzene was detected within SV-1 (2.4 ug/m^3), SV-2 (0.79 ug/m^3), and SV-3 0.43 ug/m^3).
- Cyclohexane was detected within SV-1 (14 ug/m^3), SV-2 (7.9 ug/m^3), SV-3 (1.7 ug/m^3), SV-4 (0.53 ug/m^3), and OA-1 (1.7 ug/m^3).
- 2,2,4-trimethylpentane was detected within SV-1 (1.7 ug/m^3), SV-2 (0.5 ug/m^3), and OA-1 (0.59 ug/m^3)
- 1,2,4-trimethylbenzene was detected within SV-1 (0.79 ug/m^3), SV-2 (0.93 ug/m^3), SV-3 (0.27 ug/m^3), SV-4 (0.42 ug/m^3), and OA-1 (0.55 ug/m^3).
- 1,3,5-trimethylbenzene was detected within SV-1 (0.26 ug/m^3) and SV-2 (0.31 ug/m^3).
- o-xylene was detected within SV-1 (1 ug/m^3), SV-2 (0.81 ug/m^3), and OA-1 (0.42 ug/m^3).
- m,p-xylene was detected within SV-1 (3.7 (ug/m^3), SV-2 (2.4 ug/m^3), SV-3 (1.2 ug/m^3), SV-4 (ug/m^3), and OA-1 (1.4 ug/m^3).
- n-Heptane was detected within SV-1 (17 ug/m^3), SV-2 (5.3 ug/m^3), SV-3 (1.2 ug/m^3), SV-4 (1.4 ug/m^3), and OA-1 (1.3 ug/m^3).
- n-Hexane was detected within SV-1 (17 ug/m^3), SV-2 (13 mg/m^3), SV-4 (1.1 ug/m^3), and OA-1 (1.7 ug/m^3).
- Toluene was detected with SV-1 (28 ug/m^3), SV-2 (13 ug/m^3), SV-3 (4.9 ug/m^3), SV-4 (4.8 ug/m^3), and OA-1 (2.1 ug/m^3).
- Methylene chloride was detected within SV-1 at a concentration of 2.9 ug/m^3.
- 1,1-dichloroethane (11-DCE) was detected within SV-1 at a concentration of 5.2 ug/m^3.
- Cis-1,2-dichloroethene (c12-DCE) was detected within SV-1 at a concentration of 0.37 ug/m^3.
- 1,1,1-Trichloroethane (111-TCA) was detected within SV-1 at a concentration of 56 ug/m^3.
- Carbon tetrachloride was detected within SV-2 (0.21 ug/m^3) and SV-4 (0.255 ug/m^3.
- Trichloroethene (TCE) was detected within SV-1 (6.7 ug/m^3), SV-2 (1.3 ug/m^3), and SV-3 (1.4 ug/m^3).
- Tetrachloroethene (PCE) was detected within SV-1 (11 ug/m^3), SV-2 (3 ug/m^3), SV-3 (2.9 ug/m^3), and SV-4 (0.34 ug/m^3).

It should be noted that only one location sampled for soil vapor (SV-1) identified one cVOC (PCE) at a concentration exceeding the most conservative NYSDOH Air Matrix sub-slab vapor value or the NYSDOH Table 3.1 revised Air Guidance Value.

9.0 CONTAMINATION ASSESSMENT

As indicated within Section 1.2, the Site has a long history of commercial and industrial operations including machine shops, tin shops, iron ore yards, railroads, a storage and repair shop for a disposal company, trucking companies with repair/washing, and construction companies since at least 1889. Organic and inorganic contaminants are present in soil, fill, and groundwater at the Site at concentrations that exceed the SCGs. Although Site redevelopment plans have not been finalized, it is anticipated that initial Site redevelopment will include a commercial mixed-use entertainment facility. There is the potential that multi-

family residential may be pursued at the Site in the future. Considering the collective results of the 2019 Phase II ESA and the results of the RI, this section provides an assessment of contaminants detected at the Site in excess of the SCGs applicable to each medium sampled.

9.1 Nature, Extent, and Source of Contamination

9.1.1 Surface Soil/Fill

Surface soil/fill samples collected from the Site generally exhibited concentrations of SVOCs and metals exceeding Unrestricted Use SCOs; however, only one surface soil/fill location (SS-2) exhibited concentrations of pesticides exceeding Unrestricted Use SCOs. Surface soil/fill samples collected from the Site generally exhibited concentrations of metals, and with the exception of SS-1, SVOCs at concentrations exceeding Restricted Residential Use SCOs. Only the surface soil/fill sample collected from SS-1 exhibited concentrations of metals (arsenic) exceeding Commercial Use SCOs. Although the source of the surface soil/fill contamination present at the Site cannot be confirmed, such is likely the result of historical commercial and industrial operations at the Site and the presence of urban fill material overlaying the Site. It should be noted that the Site is generally overlain with impervious asphalt and concrete surfaces and surface soil/fil is limited to a small area located proximate surface soil/fill samples collected. As such, it appears that surface soil/fill impact identified is restricted to the immediate vicinity of the surface soil/fill samples collected.

9.1.2 Subsurface Soil/Fill

As detailed within the 2019 Phase II ESA, and Section 4.1 and 7.0 of this report, soil collected from select soil borings and test pit excavations advanced at the Site exhibited suspect petroleum type-odors, suspect petroleum-type staining, and/or elevated PID readings (i.e. field evidence of impact); however, laboratory analysis of the soil/fill samples collected from the locations exhibiting the greatest field evidence of impact did not typically reveal concentrations of VOCs or SVOC exceeding Unrestricted, Restricted Residential, and Commercial Use SCOs. Rather, the soil/fill samples collected from the Site exhibiting the greatest exceedances were primarily related to SVOC and metals exceedances of Unrestricted, Restricted Residential, and Commercial Use SCOs which exhibited no visual or olfactory evidence of impact, and PID readings of between 0.0 ppm and 1.7 ppm. As example, soil/fill samples collected from TP-6, TP-7, SB-21, and SB-29 exhibited the highest total SVOC concentrations detected at the Site of 586.5 mg/kg, 326.3 mg/kg, 419.4 mg/kg, and 330.9 mg/kg, respectively. These soil/fill samples exhibited no visual or olfactory evidence of impact and PID readings of 0.0 ppm. In contrast, the soil samples exhibiting the greatest suspect petroleum type-odors, suspect petroleum-type staining, and PID readings (between 55.8 ppm and 87.9 ppm) were collected from TP-25, SB-2, and SB-25. Of these soil samples, SB-25 and TP-25 exhibited only select VOCs, pesticides, and metals at concentrations exceeding Unrestricted SCOs; however, no exceedances of Restricted Residential and Commercial Use SCOs. The soil sample collected from SB-2 did not exhibit any analytes exceeding Unrestricted, Restricted Residential, and Commercial Use SCOs. As such, it appears that the few investigation locations exhibiting field evidence of impact, including SB-2 associated with NYSDEC Spill Number 1810799, are limited in extent.

As discussed above, subsurface soil/fill samples collected from the Site generally exhibited concentrations of SVOCs and metals at concentrations exceeding Unrestricted, Restricted Residential, and Commercial Use SCOs. While the source of the surface soil/fill SVOC and metals contamination present at the Site cannot be confirmed, such is likely the result of historical commercial and industrial operations at the Site, the presence of urban fill material overlaying the Site, and to a lesser extent, historical petroleum bulk storage systems (i.e. ASTs/USTs) utilized at the Site. The extent of the SVOC and metal impact is expected to persist across the Site primarily confined to the fill layer extending to a maximum depth of approximately between approximately 7.5 and 10 ft bgs within soil borings SB-1, SB-2, SB-17, SB-18, SB-22, SB-23, SB-26. However, with the exception of those soil boring locations, fill material generally extends to maximum depths of

between approximately 1.5 and 6 ft bgs on the north portion of the Site, and between approximately 2 and 5.5 ft bgs on the south portion of the Site.

Subsurface soil/fill VOC impact slightly exceeding Unrestricted SCOs was limited to TP-2, SB-25, SB-26, and SB-31; however, no VOC impact was identified exceeding Restricted Residential or Commercial Use SCOs within the subsurface soil/fill samples collected. Subsurface soil/fill pesticide impact slightly exceeding Unrestricted SCOs was limited to TP-2, SB-25, and SB-29; however, no pesticide impact was identified exceeding Restricted Residential or Commercial Use SCOs within the subsurface soil/fill samples collected.

9.1.3 Groundwater

No contaminants of concern were identified within the groundwater samples collected from the Site at concentrations exceeding NYSDEC TOGS 1.1.1 AWQS, with the exception of PFOA detected within the groundwater sample collected from MW-5 and DUP-1/MW-5 and PFOS detected in the groundwater samples collected from MW-4 and MW-6. PFOA was detected within the groundwater sample collected from MW-5 and DUP-1/MW-5 at a concentration of 15 ng/l, exceeding the guidance value of 6.7 ng/l. PFOS was detected in the groundwater samples collected from MW-4 and MW-6 at respective concentrations of 8 ng/l and 3.4 ng/l, exceeding the groundwater NYSDEC TOGS 1.1.1 AWQS value of 2.7 ng/l. Considering that emerging contaminants have not been identified at concentrations exceeding NYSDEC TOGS 1.1.1 AWQS within any other groundwater samples collected from the Site, elevated concentrations of emerging contaminants were not identified within any of the surface and subsurface soil/fill samples collected from the Site, MW.4, MW-5, and MW-6 are located immediately adjacent to the Site boundary, and groundwater flow proximate appears to be to the south-southwest perpendicular to the east Site boundary, and slightly downgradient of the east north adjacent properties, the extent of the emerging contaminant groundwater impact appears to be limited in extent, and possibly originating from off-site.

9.1.4 Soil Vapor

Although the NYSDOH has not established guidance for analytes within soil vapor, only one location sampled for soil vapor (SV-1) identified one cVOC (PCE) at a concentration exceeding the most conservative NYSDOH Air Matrix sub-slab vapor value or the NYSDOH Table 3.1 revised Air Guidance Value. Based on the collective soil vapor results and the lack of significant VOC impact within soil/fill or groundwater at the Site, it appears that there is a low risk of soil vapor VOC impact on the south portion of the Site proximate SV-1.

9.2 Contaminant Fate and Transport

The probable fate and transport of contaminants detected on the Site is a function of the properties of the individual contaminants and available pathways for the contaminants to migrate. Although Site redevelopment plans have not been finalized, it is anticipated that initial Site redevelopment will include a commercial mixed-use entertainment facility. There is the potential that multi-family residential may be pursued at the Site in the future. The degree to which, as well as the route by which, contaminants migrate is dependent on the physical characteristics of the Site and the type and distribution of contaminants. The following sections discuss the probable fate and transport of contaminants in the different types of subsurface media at the Site.

9.2.1 Surface Soil/Fill

Contaminants of concern detected in the surface soil/fill primarily consist of SVOCs and metals, and to a lesser extent pesticides. The pesticides, SVOCs, and metals identified at the Site are characterized by low solubilities and are not expected to impact groundwater quality or migrate substantially into the subsurface. This is supported by the lack of these analytes in the on-Site groundwater. In addition, the low permeability

of the lacustrine deposits that underlie the Site are likely to minimize the downward migration of impact present at the Site.

9.2.2 Subsurface Soil/Fill

Contaminants of concern detected in the surface soil/fill primarily consist of SVOCs and metals, and to a lesser extent pesticides. The pesticides, SVOCs, and metals identified at the Site are characterized by low solubilities and are not expected to impact groundwater quality or migrate substantially into the subsurface. This is supported by the lack of these analytes in the on-Site groundwater. In addition, the low permeability of the lacustrine deposits that underlie the Site are likely to minimize the downward migration of impact present at the Site.

Five VOCs (acetone, toluene, total xylenes, methyl ethyl ketone, and benzene) were detected in two locations (TP-2, TP-25, TP-26, and SB-25) at concentrations exceeding Unrestricted Use SCOs; however, below Restricted Residential and Commercial Use SCOs. The low permeability of the lacustrine deposits that underlie the Site are likely to minimize the downward migration of these contaminants. These contaminants are not expected to impact groundwater quality or migrate substantially into the subsurface. This is supported by the lack of these analytes in the on-Site groundwater.

9.2.3 Groundwater

No contaminants of concern were identified within the groundwater at concentrations exceeding NYSDEC TOGS 1.1.1 AWQS, with the exception of the emerging contaminants PFOA and PFOS. Groundwater is not planned to be used for drinking in this area. Therefore, the PFOA and PFOS contamination does not pose a significant threat to public health or safety.

9.2.4 Soil Vapor

Although the NYSDOH has not established guidance for analytes within soil vapor, it appears that relatively low risk soil vapor VOC impact may be present on the south portion of the Site proximate SV-1. The presence of these VOCs within the soil vapor in this location could result in on-Site exposure to VOCs within indoor air; however, implementation of engineering controls (i.e. sub-slab depressurization system, VOC rated vapor barrier, etc.) should be sufficient to mitigate the potential for soil vapor intrusion within existing or future buildings located at the Site.

9.3 Evaluation of Potential Receptors

The Site is located in an area that is characterized primarily by commercial and industrial properties. Commercial properties are located to the north of the Site, Ganson Street and railroad tracks are located to the west, and the Buffalo River adjoins the Site to the east. No residences occur within 300-feet of the Site and the surrounding area is serviced by the municipal water supply system.

The Site is currently a commercial property with two buildings. The Site is currently improved with two structures; Building 1 is located on the south-central portion of the Site and Building 2 is located on the northern portion of the Site. Both buildings are unoccupied as of the date of this report. The remainder of the Site includes asphalt paved areas, gravel areas, and to a lesser extent, green space on the northern portion of the Site. Additionally, a concrete retaining wall follows the western Site boundary along the Buffalo River.

Under current conditions, potential human receptors include persons working or trespassing on the Site and persons involved in utility work at the Site.

Although Site redevelopment plans have not been finalized, it is anticipated that initial Site redevelopment will include a commercial mixed-use entertainment facility. There is the potential that multi-family residential may be pursued at the Site in the future. The redevelopment of the Site will be controlled through the implementation of engineering and institutional controls. These controls may include the following:

- Implementation of a Soil/Fill Management Plan
- Placement of a surface cover system across the Site
- Engineering controls to mitigate potential soil vapor intrusion pathways
- Implementation of erosion and dust control measures
- Maintenance of fencing around the Site or areas undergoing redevelopment
- Implementation of a storm water pollution prevention plan
- Adhering to NYSDEC/NYSDOH notification and reporting requirements
- Instituting health and safety procedures for construction activities and protection of the surrounding community

Under the intended future use scenario for the Site, the primary consideration in the determination of acceptable clean-up levels is the potential risk to human health posed by residual contaminants in the soil/fill, soil vapor, and groundwater.

With regard to residual chemical contaminants, no on-Site or off-Site human and/or environmental receptors have been identified in connection with the post-redevelopment period, assuming that the contaminated media has been controlled through the implementation of engineering and institutional controls.

9.4 Potential Exposure Pathways

9.4.1 Surface Soil/Fill

Under the current use scenario, persons living or working at the Site, or persons trespassing on the Site, could be exposed to SVOCs and metals, and to a lesser extent pesticides in the surface soil/fill via inhalation of airborne particles, incidental ingestion of, or dermal contact with the contaminated media.

Construction workers, site visitors, and persons living, working, and traveling through the Site could be exposed to SVOCs and metals, and to a lesser extent pesticides, in the surface soil/fill during excavation of the contaminated soil/fill in connection with Site remediation and redevelopment. Potential exposure routes for these receptors include inhalation of contaminated dust, incidental ingestion of, and/or dermal contact with the contaminated soil/fill. However, the use of appropriate personal protective equipment, dust suppression techniques, and personal/air monitoring; and the development and implementation of a Health and Safety Plan including a Community Air Monitoring Plan would minimize the risk of exposure during this stage of the project.

Methods to eliminate exposure pathways include removal of the impacted surface soil/fill, or placement of engineering controls, such as a cover system, over the areas of impact.

9.4.2 Subsurface Soil/Fill

The presence of elevated concentrations of SVOCs and metals, and to a lesser extent pesticides and VOCs in the subsurface soil/fill samples collected were not interpreted to represent a human or environmental exposure risk because no complete exposure pathways were identified under the current use scenario for the Site. This is a function of the subsurface disposition of the contamination, which effectively minimizes the potential for the incidental ingestion of, or dermal contact with the contaminated media. These factors



also reduce the potential for the emission of vapors and particulates that could pose an exposure risk via inhalation. This applies to persons living, working, and traveling through the area surrounding the Site, as well as persons visiting, working, or traveling on the Site.

Environmental receptors such as construction workers, site visitors, and persons living, working, and traveling through the Site could be exposed to VOCs, SVOCs, pesticides, and metals in the subsurface soil/fill during excavation of the contaminated soil/fill in connection with site remedial and redevelopment activities. Potential exposure routes for these receptors include inhalation of contaminated dust and incidental ingestion of and/or dermal contact with the contaminated soil/fill. However, the use of appropriate personal protective equipment, dust suppression techniques and personal/air monitoring, and the development of a Health and Safety Plan including a Community Air Monitoring Plan would minimize the risk of exposure during this stage of the project.

Methods to eliminate exposure pathways include removal of the impacted subsurface soil/fill, or placement of engineering controls, such as a cover system, over the areas of impact.

9.4.3 Groundwater

Groundwater in the vicinity of the Site is not utilized as a source of potable water. Therefore, no human exposure via ingestion of contaminated groundwater is likely to occur under the current use scenario for the Site. Environmental receptors such as construction workers or site visitors could be exposed to elevated PFOS and PFOA in groundwater during excavation activities in connection with Site redevelopment activities. Potential exposure routes for these receptors include incidental ingestion of and/or dermal contact with the contaminated groundwater. However, the use of appropriate personal protective equipment and the development of a Health and Safety Plan would minimize the risk of exposure during this stage of the project.

9.5 Vapor Intrusion

Based on the collective soil vapor results and the lack of significant VOC impact within soil/fill or groundwater at the Site, it appears that relatively low risk soil vapor VOC impact may be present on the south portion of the Site proximate SV-1. Environmental receptors may include occupants of the existing buildings or occupants of future buildings, through inhalation of VOC impacted indoor air originating from the subsurface soil vapor. In addition, environmental receptors to VOC impacted soil vapor may include construction workers during excavation activities in connection with Site redevelopment activities. Use of appropriate personal protective equipment and the development of a Health and Safety Plan would minimize the risk of exposure during this stage of the project.

Methods to eliminate exposure pathways include implementation of engineering controls (i.e. sub-slab depressurization system, VOC rated vapor barrier, etc.) to mitigate the potential for soil vapor intrusion within existing or future buildings located at the Site.

10.0 REMEDIAL ALTERNATIVES ANALYSIS

10.1 Remedial Goals and Objectives

The objective of the Remedial Alternatives Analysis (RAA) is to evaluate remedial alternatives and select remedial actions to be implemented at the Site for the intended re-use of the Site. As defined in NYSDEC DER-10 Section 4.0, remedial alternatives will be evaluated based on the following criteria:

a. *Overall Protection of Public Health and the Environment*: This criterion evaluates exposure and residual risks to human health and the environment during or subsequent to implementation of the alternative.
b. *Compliance with SCGs*: This criterion evaluates whether the remedial alternative will ultimately result in compliance with SCGs, to the extent practicable.
c. *Long-Term Effectiveness and Permanence*: This criterion evaluates if the remedy is effective in the long-term after implementation (e.g., potential rebound). In the event that residual impacts will remain as part of the alternative, the risks and adequacy/reliability of the controls will also be evaluated.
d. *Reduction of Toxicity, Mobility, or Volume with Treatment*: This criterion evaluates the reduction of contaminant toxicity, mobility, or volume as a result of the remedial alternative. In addition, the reversibility of the contaminant destruction or treatment is evaluated.
e. *Short-Term Effectives*: This criterion evaluates if the remedial alternative protects the community, workers, and the environment during implementation.
f. *Implement ability*: This criterion evaluates the remedial alternative based on its suitability, implement ability at the Site, and availability of services and materials that will be required.
g. *Cost Effectiveness*: This criterion evaluates the capital, operation, maintenance, and monitoring costs for the remedial alternative. The estimated costs are presented on a present worth basis.
h. *Community Acceptance*: This criterion evaluates the public's comments, concerns, and overall perception of the remedy. The Community Acceptance criterion incorporates public concerns into the evaluation of the remedial alternatives. Therefore, Community Acceptance of the remedy will be evaluated after the public comment period required by the BCP.
i. *Land Use*: This criterion evaluates the proposed remedial approach against the current, intended, and reasonably anticipated future use of the land and its surroundings.

10.2 Remedial Action Objectives

Remedial Action Objectives (RAOs) are medium-specific objectives for the protection of human health and the environment and are developed based upon contaminant-specific SCGs established by the NYSDEC and/or NYSDOH.

10.3 Development of Remedial Alternatives

This section develops the remedial alternatives being considered to address the contaminated media on the Site, supportive to re-use of the Site as a commercial mixed-use entertainment facility with the potential that multi-family residential may be pursued at the Site in the future. The remedial alternatives evaluated are summarized below.

<u>Alternative 1: No Further Action</u>

The No Further Action Alternative is included as a procedural requirement and as a baseline against which to evaluate other alternatives. Under this alternative, no further remedial or monitoring activities would

occur, and no environmental easement would be recorded. The underlying soil/fill at the Site would remain virtually as it is and change in use would not be limited, except by existing land use controls such as zoning.

Alternative 2: Track 4 Restricted Residential Use Cleanup

It is anticipated that this alternative will include the following:

1. Manage impacted soils disturbed during redevelopment of the Site.
2. Targeted excavation of approximately 500-tons of soil exhibiting gross field evidence of impact (i.e. staining, odors) located proximate SB-2 associated with NYSDEC Spill # 1810799.
3. Subsequent demolition of Building 2, targeted excavation of approximately 1,300-tons of soil exhibiting gross field evidence of impact (i.e. staining, odors) located proximate SB-25.
4. As appropriate, evaluate, monitor, and mitigate structures to remain as well as future structures at the Site for soil vapor intrusion per NYSDOH 2006 (and subsequent updates) Guidance for Evaluating Soil Vapor Intrusion.
5. Place a cover system to eliminate exposure of Site occupants to impacted soil/fill present at the Site.
6. The south portion of the Site immediately adjacent to the Buffalo River is currently improved by a concrete retaining wall which will be maintained during Site redevelopment. As such, disturbance of Buffalo River shoreline is not anticipated.
7. Proper closure/removal of oil-water separators not desired for future use or at the end of their useful life. Should subsurface soil or groundwater exhibiting evidence of impact be encountered during closure/removal of oil-water separators, such will be managed properly at that time.
8. Soil/fill disturbed during redevelopment of the Site, (i.e., excavation for foundations and utilities, Site grading, etc.) will be managed in accordance with NYSDEC DER-10.
9. As slag was encountered within select investigation locations, subsurface disturbance of the Site will comply with applicable DMM-5 requirements.
10. Should soil/fill be disturbed during Site redevelopment require export from the Site, it is anticipated that such will require landfill disposal. The cover system will be constructed per NYSDEC DER-10 Restricted Residential Use requirements. Although the final civil design for the Site has not been completed, it is expected that the cover system will include a two foot cover system or equivalent comprised of the following:
    a. Hardscaped concrete and asphalt impermeable surfaces such as building foundations, surface parking, and sidewalks.
    b. A clean cover system placed over landscaped areas.

The cover system will include placement of a demarcation layer between existing Site soils and the cover system. Standard institutional controls would also be implemented under this alternative. Specifically, a Site Management Plan (SMP) incorporating an Excavation Work Plan and Engineering and Institutional Control certification requirements would be developed and enforced through an environmental easement. The environmental easement would restrict the use of the Site to restricted-residential applications and preclude groundwater use without treatment.

The Environmental Easement would be filed with Erie County to run with the deed and include the following requirements:

- The property use will be restricted to restricted residential use, or less stringent uses
- The cover system will remain in place
- A Soil/Fill Management Plan will be implemented for all invasive activities at the Site

- The use of groundwater without treatment and New York State Department of Health approval will be prohibited
- Annual certification of institutional and engineering controls will be required

Alternative 3: Track 4 Commercial Use Cleanup

It is anticipated that this alternative will include the following:

1. Manage impacted soils disturbed during redevelopment of the Site.
2. Targeted excavation of approximately 500-tons of soil exhibiting gross field evidence of impact (i.e. staining, odors) located proximate SB-2 associated with NYSDEC Spill # 1810799.
3. Subsequent demolition of Building 2, targeted excavation of approximately 1,300-tons of soil exhibiting gross field evidence of impact (i.e. staining, odors) located proximate SB-25.
4. As appropriate, evaluate, monitor, and mitigate structures to remain as well as future structures at the Site for soil vapor intrusion per NYSDOH 2006 (and subsequent updates) Guidance for Evaluating Soil Vapor Intrusion.
5. Place a cover system to eliminate exposure of Site occupants to impacted soil/fill present at the Site.
6. The south portion of the Site immediately adjacent to the Buffalo River is currently improved by a concrete retaining wall which will be maintained during Site redevelopment. As such, disturbance of Buffalo River shoreline is not anticipated.
7. Proper closure/removal of oil-water separators not desired for future use or at the end of their useful life. Should subsurface soil or groundwater exhibiting evidence of impact be encountered during closure/removal of oil-water separators, such will be managed properly at that time.
8. Soil/fill disturbed during redevelopment of the Site, (i.e., excavation for foundations and utilities. Site grading, etc.) will be managed in accordance with NYSDEC DER-10.
9. As slag was encountered within select investigation locations, subsurface disturbance of the Site will comply with applicable DMM-5 / Management of Soils Contaminated with Technologically Enhanced Naturally Occurring Radioactive Materials (TENORM) requirements.
10. Should soil/fill be disturbed during Site redevelopment require export from the Site, it is anticipated that such will require landfill disposal. The cover system will be constructed per NYSDEC DER-10 Commercial Use requirements. Although the final civil design for the Site has not been completed, it is expected that the cover system will include a two foot cover system or equivalent comprised of the following:
    a. Hardscaped concrete and asphalt impermeable surfaces such as building foundations, surface parking, and sidewalks.
    b. A clean cover system placed over landscaped areas.

The cover system will include placement of a demarcation layer between existing Site soils and the cover system. Standard institutional controls would also be implemented under this alternative. Specifically, a SMP incorporating an Excavation Work Plan and Engineering and Institutional Control certification requirements would be developed and enforced through an environmental easement. The environmental easement would restrict the use of the Site to commercial use applications and preclude groundwater use without treatment.

The Environmental Easement would be filed with Erie County to run with the deed and include the following requirements:

- The property use will be restricted to commercial use, or less stringent uses
- The cover system will remain in place
- A Soil/Fill Management Plan will be implemented for all invasive activities at the Site
- The use of groundwater without treatment and New York State Department of Health approval will be prohibited
- Annual certification of institutional and engineering controls will be required

Alternative 4: Track 1 Unrestricted Use Cleanup

Under this alternative, the soil/fill impacted with contaminants at concentrations exceeding the Unrestricted Use SCOs at the Site would be excavated to an average depth across the Site of six ft bgs and disposed of at an appropriately permitted off-Site waste disposal facility. This alternative would preclude the need for engineering and institutional controls. It is estimated that approximately 67,800 cubic yards of soil/fill will require excavation and landfill disposal to successfully implement Alternative 4, and a similar volume of clean soil and structural fill would be necessary to backfill the Site.

10.4 Detailed Evaluation of Alternatives

10.4.1 Contaminated Fill Material and Groundwater Alternatives

Alternative 1: No Further Action

Overall Protection of Human Health and the Environment: This alternative will not be protective of human health or the environment. A number of surface and subsurface soil/fill samples contain contaminant concentrations exceeding SCGs established within the RI. Therefore, the potential exists for human exposure and impacts to the environment. This alternative would not meet the RAOs for the Site.

Compliance with SCGs: This alternative would not address impact present at the Site or mitigate exposure to contaminants in excess of SCOs, and would therefore not comply with SCGs established within the RI.

Long-Term Effectiveness and Permanence: This alternative provides no long-term maintenance measures and, as such, provides no reliable long-term control against exposure to impact present at the Site. All current and future risks would remain under this alternative.

Reduction of Toxicity, Mobility, or Volume of Contamination with Treatment: This alternative would not result in the reduction of contaminant toxicity, mobility, or volume and therefore, would not be in compliance with the RAOs.

Short-Term Effectiveness: There would be no increased short-term risks posed to the community, Site workers, or the environment associated with the No Action alternative.

Implement ability: No technical implement ability issues or action-specific administrative implement ability issues are associated with this alternative.

Cost-Effectiveness: There is no capital or operation, maintenance, and monitoring (OM&M) costs associated with this alternative.

Land Use: This alternative is not consistent with the reasonably anticipated future use of the Site.

Alternative 2: Track 4 Restricted Residential Use Cleanup

Overall Protection of Human Health and the Environment: This alternative is protective of human health and the environment. Targeted excavation of soil exhibiting gross field evidence of impact proximate SB-2 and SB-25 would be completed. Closure/removal of oil-water separators not desired for future use or at the end of their useful life will be completed. Should subsurface soil or groundwater exhibiting evidence of impact be encountered during closure/removal of oil-water separators, such will be managed properly at that time. Remaining contaminated surface and subsurface soil/fill material would be covered with clean material and soil vapor intrusion would be assessed and mitigated under site structures as appropriate. Should existing buildings be re-developed, the existing buildings will be evaluated for soil vapor intrusion and mitigated as necessary. To further protect human health, any future invasive work would be performed in accordance with a NYSDEC-approved SMP, and certification of the engineering and institutional controls would be performed on an annual basis.

Compliance with SCGs: This alternative would not be in compliance with SCGs, as not all contaminated soil/fill material would be removed from the Site. The removal of all soil/fill material exceeding the SCGs would not be practical due to the quantity of material and the associated cost for removal and disposal. The construction of a cover system would limit the potential for exposure to the soil/fill material. Imported cover material would need to meet backfill quality criteria per 6NYCRR Part 375. Site cover activities would necessitate preparation of and adherence to a community air monitoring plan for particulates in accordance with Appendix 1B of DER-10.

Long-Term Effectiveness and Permanence: The management of impacted soil/fill would be effective long-term to mitigate potential exposure during construction activities at the Site. The construction of a cover system and assessment/mitigation of soil vapor intrusion as appropriate would be effective in the long-term to limit the potential for exposure to Site impact. The efficacy of the cover system and soils management will be maintained and monitored through the SMP. Periodic Engineering and Institutional Control certification requirements would be required to assure the long-term cover integrity. The implementation of institutional controls via an Environmental Easement would aid in the long-term remedy of the Site.

Reduction of Toxicity, Mobility, or Volume of Contamination with Treatment: Placement of a clean cover system across the Site, targeted excavation of soil proximate SB-2 and SB-25, closure/removal of oil-water separators as well as management of subsurface impact if adjacent the oil-water separators if encountered would reduce the mobility of impact present within the soil/fill at the Site.

Short-Term Effectiveness: This alternative would increase short-term risks for the community and the workers during the soil/fill management, targeted excavation of soil proximate SB-2 and SB-25, oil-water separator closure/removal, constructing the cover system, and assessment/mitigation of soil vapor (i.e., through the disturbance of impacted fill). Community air monitoring, dust control, and erosion measures would be required during the remedial activities to minimize the short-term risks.

Implement ability: No significant technical or administrative implement ability issues are associated with this alternative.

Cost-Effectiveness: As the civil site design has not been established for the Site, the actual cost of this alternative is unknown; however, an estimated budget of between approximately $2,950,000 and $3,560,000 has been established to successfully implement Alternative 2. Table 7 details the estimated budget for Alternative 2.

Land Use: This alternative would be consistent with the anticipated future use of the Site.

Alternative 3: Track 4 Commercial Use Cleanup

Overall Protection of Human Health and the Environment: This alternative is protective of human health and the environment. Targeted excavation of soil exhibiting gross field evidence of impact proximate SB-2 and SB-25 would be completed. Closure/removal of oil-water separators not desired for future use or at the end of their useful life will be completed. Should subsurface soil or groundwater exhibiting evidence of impact be encountered during closure/removal of oil-water separators, such will be managed properly at that time. Remaining contaminated surface and subsurface soil/fill material would be covered with clean material and soil vapor intrusion would be assessed and mitigated under site structures as appropriate. Should existing buildings be re-developed, the existing buildings will be evaluated for soil vapor intrusion and mitigated as necessary. To further protect human health, any future invasive work would be performed in accordance with a NYSDEC-approved SMP, and certification of the engineering and institutional controls would be performed on an annual basis.

Compliance with SCGs: This alternative would not be in compliance with SCGs, as not all contaminated fill material would be removed from the Site. The removal of all soil/fill material exceeding the SCGs would not be practical due to the quantity of material and the associated cost for removal and disposal. The construction of a cover system would limit the potential for exposure to the soil/fill material. Imported cover material would need to meet backfill quality criteria per 6NYCRR Part 375. Site cover activities would necessitate preparation of and adherence to a community air monitoring plan for particulates in accordance with Appendix 1B of DER-10.

Long-Term Effectiveness and Permanence: The management of impacted soil/fill would be effective long-term to mitigate potential exposure during construction activities at the Site. The construction of a cover system and assessment/mitigation of soil vapor intrusion as appropriate would be effective in the long-term to limit the potential for exposure to Site impact. The efficacy of the cover system and soils management will be maintained and monitored through the SMP. Periodic Engineering and Institutional Control certification requirements would be required to assure the long-term cover integrity. The implementation of institutional controls via an Environmental Easement would aid in the long-term remedy of the Site.

Reduction of Toxicity, Mobility, or Volume of Contamination with Treatment: Placement of a clean cover system across the Site, targeted excavation of soil proximate SB-2 and SB-25, closure/removal of oil-water separators as well as management of subsurface impact if adjacent the oil-water separators if encountered would reduce the mobility of impact present within the soil/fill at the Site.

Short-Term Effectiveness: This alternative would increase short-term risks for the community and the workers during the soil/fill management, targeted excavation of soil proximate SB-2 and SB-25, oil-water separator closure/removal, constructing the cover system, and assessment/mitigation of soil vapor (i.e., through the disturbance of impacted fill). Community air monitoring, dust control, and erosion measures would be required during the remedial activities to minimize the short-term risks.

Implement ability: No significant technical or administrative implement ability issues are associated with this alternative.

Cost-Effectiveness: As the civil site design has not been established for the Site, the actual cost of this alternative is unknown; however, an estimated budget of between $2,880,000 and $3,520,000 has been established to successfully implement Alternative 3. Table 8 details the estimated budget for Alternative 3.

Land Use: This alternative would be consistent with the anticipated future use of the Site.

Alternative 4: Track 1 Unrestricted Use Cleanup

Overall Protection of Human Health and the Environment: Excavation and off-Site disposal to Unrestricted Use SCOs would be protective of human health and the environment under any reuse scenario. However, this alternative would permanently use and displace approximately 67,800 cubic yards of valuable landfill airspace, as well as remove a similar volume of clean material from an off-site borrow source.

Compliance with SCGs: This alternative would remove all contaminated soil/fill material to Unrestricted SCOs and would be in compliance with SCGs.

Long-Term Effectiveness and Permanence: This alternative would achieve removal of all impacted soil/fill material from the Site and would provide long-term effectiveness. Post-remedial monitoring and certifications would not be required.

Reduction of Toxicity, Mobility, or Volume of Contamination with Treatment: Through removal of all impacted soil/fill, this alternative would permanently and significantly reduce the toxicity, mobility, and volume of contamination within the Site. However, since this alternative transfers soil/fill material from one environment to another, an overall reduction of toxicity, mobility, and volume would not occur.

Short-Term Effectiveness: Short-term adverse impacts and risks to the community, workers, and environment during implementation of this alternative are possible due to the extensive disturbance of contaminated soil/fill. Site workers would be required to wear personal protective equipment (PPE) during excavation to prevent direct contact with soil/fill. Dust control methods would be required to limit the release of particulates during excavation activities and placement of the backfill soils. Physical hazards, primarily related to potential accidents from heavy truck traffic are also a concern, as the excavation work would require removal of a large number of truckloads of soil and import of a similar number of clean loads from the borrow source. Potential air quality and noise impacts to off-Site receptors located along trucking routes due to the large amount of material transport required to implement the remedy are also a concern.

Implement ability: Significant technical and administrative implement ability issues would be encountered in construction of this Unrestricted Use alternative. These include but are not limited to: the need for construction, maintenance, and operation of substantial dewatering facilities; the need to coordinate and secure disposal contracts with permitted off-Site landfills; and difficulty locating local borrow sources for such a large volume of backfill.

Cost-Effectiveness: The estimated budget to implement this alternative is in excess of $10,360,000. Table 9 details the estimated budget for Alternative 4.

Land Use: This alternative, although excessive for the anticipated future use of the Site, would not preclude the anticipated redevelopment of the Site.

10.5 Comparative Evaluation of Alternatives

Alternative 1: No Further Action

The No Further Action Alternative would not be protective of human health and the environment, would not be in compliance with SCGs, would not be an effective long-term remedy; would not reduce the toxicity, mobility, and volume of contamination; and would not be consistent with the reasonably anticipated future use of the Site. There would be no implement ability issues or cost associated with this alternative.

Alternative 2: Track 4 Restricted Residential Use Cleanup

This alternative would be protective of human health and the environment; would be a long-term and permanent remedy, would effectively reduce or eliminate potential exposure routes through targeted excavation of soil proximate SB-2 and SB-25, closure/removal of oil-water separators as well as management of subsurface impact if adjacent the oil-water separators if encountered, the construction of a cover system, installation of a soil vapor membrane, placement of an environmental easement, implementation of a SMP, and annual certifications, and would be consistent with the anticipated future use of the Site. This alternative would create short-term adverse impacts and risks to the community, workers, and environment during implementation. While Alternative 2 will have a higher implementation cost than Alternative 3, Alternative 2 will enable the Site to be utilized for Restricted Residential use. Alternative 2 is significantly more cost effective than Alternative 4.

Alternative 3: Track 4 Commercial Use Cleanup

This alternative would be protective of human health and the environment; would be a long-term and permanent remedy, would effectively reduce or eliminate potential exposure routes through targeted excavation of soil proximate SB-2 and SB-25, closure/removal of oil-water separators as well as management of subsurface impact if adjacent the oil-water separators if encountered, the construction of a cover system, installation of a soil vapor membrane, placement of an environmental easement, implementation of a SMP, and annual certifications, and would be consistent with the anticipated future use of the Site. This alternative would create short-term adverse impacts and risks to the community, workers, and environment during implementation. While Alternative 3 will have a lower implementation cost than Alternative 2, Alternative 3 will restrict use of the Site to Commercial use. Alternative 3 is significantly more cost effective than Alternative 4.

Alternative 4: Track 1 Unrestricted Use Cleanup

This alternative would be protective of human health and the environment; would be a long-term and permanent remedy; and would reduce the toxicity, mobility, and volume of contaminants at the Site. This alternative would create short-term adverse impacts and risks to the community, workers, and environment during implementation. Based on the quantity of material that would be required to be removed from the Site, the amount of backfilled needed to be brought to the Site, and the associated costs, this alternative is impractical and not cost effective when compared to Alternative 2 and Alternative 3.

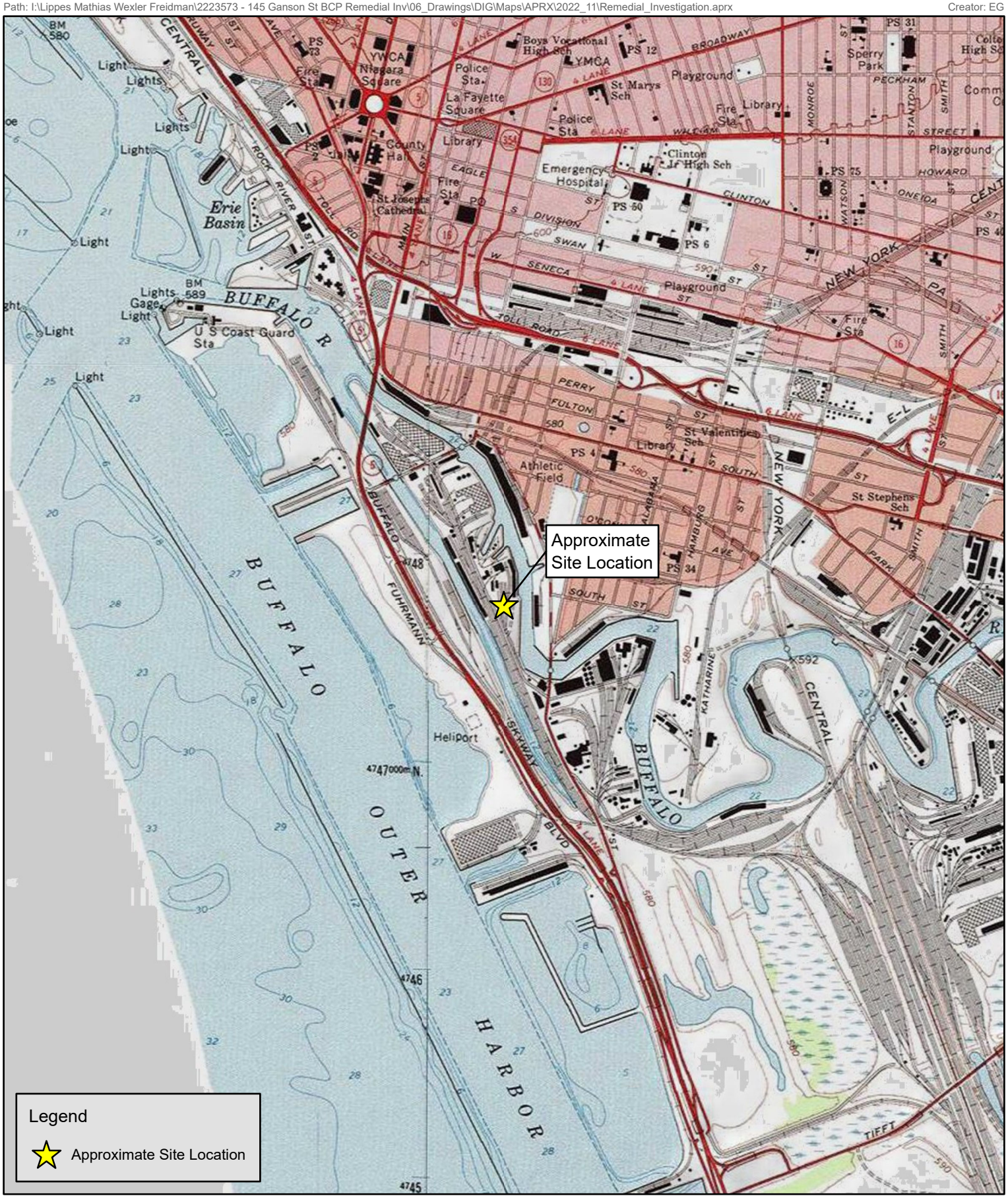
Remedial Alternative Selection

The recommended remedial action to address the contaminated fill material at the Site is Alternative 2: Track 4 Restricted Residential Use Cleanup. This alternative includes:

- Management of contaminated soil/fill during construction activities in accordance with DER-10 and DMM-5.
- Targeted excavation of soil exhibiting gross field evidence of impact proximate SB-2 and SB-25
- Closure/removal of oil-water separators not desired for future use or at the end of their useful life. Should subsurface soil or groundwater exhibiting evidence of impact be encountered during closure/removal of oil-water separators, such will be managed properly at that time.
- As appropriate, evaluate, monitor, and mitigate structures to remain as well as future structures at the Site for soil vapor intrusion per NYSDOH 2006 (and subsequent updates) Guidance for Evaluating Soil Vapor Intrusion.
- Placement of a two-foot clean material cover system across the Site.
- The implementation of a SMP.
- The placement of an environmental easement on the property.
- The completion of annual certification of the engineering and institutional controls.



FIGURES



PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:	
2223573 **Figure 1** 1/10/2023	Site Location Map	Remedial Investigation 145 Ganson Street Buffalo, New York	N 0 1,000 2,000 Feet LaBella Powered by partnership.

Data Source: LaBella 2022, USGS, National Geographic, i-cubed 2019



PROJECT # / DRAWING # / DATE:
2223573
Figure 2
11/21/2023

DRAWING NAME:
Site Base Map

PROJECT:
Remedial Investigation
145 Ganson Street
Buffalo, New York

N
0 75 150 Feet

LaBella
Powered by partnership.

Data Source: Bing Maps; LaBella 2022; Regrid 2021.



Legend

- Approximate Location of Soil Boring/ Temporary Groundwater Monitoring Well
- Approximate Location of Phase II Soil Boring/ Temporary Groundwater Monitoring Well
- Approximate Location of Soil Boring
- Approximate Location of Phase II Soil Boring
- Approximate Location Outdoor Air Sample
- Approximate Location of Soil Vapor Sample
- Approximate Location of Surface Soil Sample
- Approximate Location of Test Pit
- Approximate Location of Oil-Water Separator
- Approximate Location of Geophysical Anomaly
- Approximate Site Boundary

PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:
2223573 **Figure 3** 7/24/2025	Investigation Location Map	Remedial Investigation 145 Ganson Street Buffalo, New York

N

0 75 150 Feet

LaBella
Powered by partnership.

Data Source: Bing Maps; LaBella 2022; Regrid 2021.

SS-3 (0-2")	9/14/2022	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Manganese	2,280 J	2,000	10,000
Zinc	121	10,000	10,000
Benzo(a)pyrene	1.5	1	1
Benzo(b)fluoranthene	1.8	1	1
Dibenz(a,h)anthracene	0.42 J	0.33	0.56
Indeno(1,2,3-cd)pyrene	1.9	0.5	5.6

SB-10 (2.5-4.5')	1/24/2019	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Lead	518 B	400	1,000

SS-2 (0-2")	9/14/2022	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Chromium	151	110/180	400/1,500
Manganese	3,080 B	2,000	10,000
Benz(a)anthracene	1.9	1	5.6
Benzo(a)pyrene	2.4	1	1
Benzo(b)fluoranthene	3.1	1	5.6
Dibenz(a,h)anthracene	0.42 J	0.33	0.56
Indeno(1,2,3-cd)pyrene	1.9	0.5	5.6

TP-01 (2-3')	9/28/2022	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Benz(a)anthracene	2.7	1	1
Benzo(a)pyrene	2.1	1	1
Benzo(b)fluoranthene	2.2	1	1
Dibenz(a,h)anthracene	0.39 J	0.33	0.33
Indeno(1,2,3-cd)pyrene	0.95 J	0.5	0.5

SS-1 (0-2")	9/14/2022	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Arsenic	16.6	16	16
Manganese	2,110 B	2,000	10,000

TP-06 (2-3')	9/28/2022	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Benz(a)anthracene	46	1	5.6
Benzo(a)pyrene	45	1	1
Benzo(b)fluoranthene	49	1	5.6
Benzo(k)fluoranthene	18	3.9	56
Chrysene	45	3.9	56
Dibenz(a,h)anthracene	7.7	0.33	0.56
Indeno(1,2,3-cd)pyrene	15	0.5	5.6

TP-07 (1-2')	9/28/2022	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Lead	482	400	1,000
Mercury	0.91	0.81	2.8
Benz(a)anthracene	27	1	5.6
Benzo(a)pyrene	27	1	1
Benzo(b)fluoranthene	27	1	5.6
Benzo(k)fluoranthene	13	3.9	56
Chrysene	28	3.9	56
Dibenz(a,h)anthracene	4.4	0.33	0.56
Indeno(1,2,3-cd)pyrene	15	0.5	5.6

TP-08 (4-5')	9/27/2022	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Benz(a)anthracene	2.3	1	5.6
Benzo(a)pyrene	2.5	1	1
Benzo(b)fluoranthene	3	1	5.6
Dibenz(a,h)anthracene	0.51 J	0.33	0.56
Indeno(1,2,3-cd)pyrene	1.4	0.5	5.6

TP-12 (3-4')	9/27/2022	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Arsenic	17.0	16	16
Lead	519	400	1,000
Benz(a)anthracene	9.8	1	5.6
Benzo(a)pyrene	9.6	1	1
Benzo(b)fluoranthene	9.3	1	5.6
Benzo(k)fluoranthene	4.6	3.9	56
Chrysene	8.8	3.9	56
Dibenz(a,h)anthracene	1.6 J	0.33	0.56
Indeno(1,2,3-cd)pyrene	5.3	0.5	5.6

TP-13 (2-3')	9/27/2022	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Lead	538	400	1,000
Benz(a)anthracene	1.6 J	1	5.6
Benzo(a)pyrene	1.7 J	1	1
Benzo(b)fluoranthene	2.2	1	5.6
Indeno(1,2,3-cd)pyrene	1.1 J	0.5	5.6

TP-14 (4-5')	9/27/2022	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Arsenic	19.5	16	16
Manganese	10,600	2,000	10,000

SB-21 (2-4')	1/25/2019	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Arsenic	16.6	16	16
Benz(a)anthracene	30	1	5.6
Benzo(a)pyrene	31	1	1
Benzo(b)fluoranthene	35	1	5.6
Benzo(k)fluoranthene	13	3.9	56
Chrysene	30	3.9	56
Dibenz(a,h)anthracene	6.7	0.33	0.56
Indeno(1,2,3-cd)pyrene	19	0.5	5.6

SB-27 (2.5-5.5')	9/7/2022	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Benz(a)anthracene	2.5 J	1	5.6
Benzo(a)pyrene	2.2 J	1	1
Benzo(b)fluoranthene	2.4 J	1	5.6
Dibenz(a,h)anthracene	0.39 J	0.33	0.56
Indeno(1,2,3-cd)pyrene	0.85 J	0.5	5.6

TP-17 (3-4')	9/27/2022	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Lead	2,810	400	1,000
Benz(a)anthracene	2 J	1	5.6
Benzo(a)pyrene	1.9 J	1	1
Benzo(b)fluoranthene	2.3 J	1	5.6
Indeno(1,2,3-cd)pyrene	1.3 J	0.5	5.6

TP-19 (4-5')	9/27/2022	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Benzo(b)fluoranthene	1.1	1	5.6
Indeno(1,2,3-cd)pyrene	0.62	0.5	5.6

SB-8 (2-4')	1/24/2019	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Barium	500	350	400
Lead	1,550 B	400	1,000
Benzo(b)fluoranthene	1.3	1	5.6
Indeno(1,2,3-cd)pyrene	0.71 J	0.5	5.6

SB-13 (2-4')	1/25/2019	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Arsenic	20.9	16	16
Benz(a)anthracene	13	1	5.6
Benzo(a)pyrene	12	1	1
Benzo(b)fluoranthene	14	1	5.6
Benzo(k)fluoranthene	5.2	3.9	56
Chrysene	12	3.9	56
Indeno(1,2,3-cd)pyrene	7.6	0.5	5.6

TP-02 (2-3')	9/28/2022	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Arsenic	22.9	16	16
Lead	601	400	1,000
Benz(a)anthracene	16	1	5.6
Benzo(a)pyrene	18	1	1
Benzo(b)fluoranthene	20	1	5.6
Benzo(k)fluoranthene	11	3.9	56
Chrysene	17	3.9	56
Indeno(1,2,3-cd)pyrene	12	0.5	5.6

TP-04 (2-3')	9/28/2022	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Arsenic	18.3	16	16
Benz(a)anthracene	2.3	1	5.6
Benzo(a)pyrene	2.7	1	1
Benzo(b)fluoranthene	3.5	1	5.6
Dibenz(a,h)anthracene	0.45 J	0.33	0.56
Indeno(1,2,3-cd)pyrene	1.4	0.5	5.6

TP-05 (4-5')	9/28/2022	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Arsenic	27.4	16	16
Benzo(b)fluoranthene	1.1 J	1	1
Indeno(1,2,3-cd)pyrene	0.52 J	0.5	5.6

SB-7 (2.5-4.5')	1/24/2019	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Arsenic	22	16	16
Benz(a)anthracene	4.7	1	5.6
Benzo(a)pyrene	4.4	1	1
Benzo(b)fluoranthene	5.4	1	5.6
Benzo(k)fluoranthene	2.1	3.9	56
Chrysene	5.1	3.9	56
Indeno(1,2,3-cd)pyrene	2.6	0.5	5.6

MW-05	9/20/2022	NYCRR Part 703 Groundwater
Analyte	Result (ng/l)	Quality Standards
Perfluorooctanoic Acid (PFOA)	15	10

SB-29 (9-12')	9/7/2022	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Benz(a)anthracene	31	1	5.6
Benzo(a)pyrene	42	1	1
Benzo(b)fluoranthene	52	1	5.6
Benzo(k)fluoranthene	26	3.9	56
Chrysene	35	3.9	56
Dibenz(a,h)anthracene	7.9	0.33	0.56
Indeno(1,2,3-cd)pyrene	24	0.5	5.6

TP-09 (3-4')	9/28/2022	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Benz(a)anthracene	10	1	5.6
Benzo(a)pyrene	12	1	1
Benzo(b)fluoranthene	14	1	5.6
Benzo(k)fluoranthene	4.5	3.9	56
Chrysene	10.0	3.9	56
Dibenz(a,h)anthracene	1.3 J	0.33	0.56
Indeno(1,2,3-cd)pyrene	6.2	0.5	5.6

SB-14 (2-4')	1/25/2019	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Arsenic	20.9	16	16
Benz(a)anthracene	2.1	1	5.6
Benzo(a)pyrene	1.8	1	1
Benzo(b)fluoranthene	2.4	1	5.6
Indeno(1,2,3-cd)pyrene	1.2	0.5	5.6

TP-11 (4-5')	9/27/2022	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Arsenic	21.9	16	16
Benz(a)anthracene	2.6	1	5.6
Benzo(a)pyrene	2.7	1	1
Benzo(b)fluoranthene	3	1	5.6
Dibenz(a,h)anthracene	0.42 J	0.33	0.56
Indeno(1,2,3-cd)pyrene	1.7 J	0.5	5.6

SB-15 (2-5')	1/25/2019	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Lead	438 B	400	1,000
Mercury	12.6	0.81	2.8

SB-28 (8-9')	9/7/2022	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Arsenic	19.5	16	16
Lead	824 B	400	1,000

SB-20 (3-6')	1/25/2019	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Arsenic	20.3	16	16
Lead	1,030 B	400	1,000

SB-23 (8-10')	9/6/2022	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Manganese	3,840 B	2,000	10,000

TP-20 (3-4')	9/27/2022	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Benz(a)anthracene	1.2 J	1	5.6
Benzo(a)pyrene	1.3 J	1	1
Benzo(b)fluoranthene	2.1 J	1	5.6
Indeno(1,2,3-cd)pyrene	0.62 J	0.5	5.6

TP-22 (2-3')	9/26/2022	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Arsenic	18	16	16

SB-26 (8-10')	9/7/2022	Restriced-Residential Use	Commercial Use SCO
Analyte	Result (mg/kg)	SCO Value (mg/kg)	Value (mg/kg)
Mercury	1.9	0.81	2.8

SB-13W
SB-12
SB-11
MW-4/SB-30
SB-8W
SB-10
SS-3
SB-9
SS-2
TP-1
SS-1
SB-25
MW-3/SB-31
Geophysical Anomaly 3
SB-24
Geophysical Anomaly 2
TP-6
SB-6
TP-7
TP-8
MW-1
TP-12
TP-13
TP-14
SB-21
MW-7/SB-27
TP-17
SB-4
TP-27
TP-25
TP-28
TP-26
TP-18
Oil-Water Separator 1
SB-3
SB-20W
Suspect Oil-Water Separator 2
SB-22
SB-23
SB-1
Geophysical Anomaly 1
SB-16
SB-2W
SB-19
SB-17
SB-18
TP-19
TP-20
TP-21
TP-22
TP-23
MW-8/SB-26
TP-24
TP-15
TP-16
MW-6/SB-28
SB-5
TP-2
TP-29
TP-3
TP-4
TP-5
MW-5/SB-29
TP-10
TP-9
SB-14
TP-11
MW-2
SB-15

Legend

- Approximate Location of Surface Soil Sample
- Approximate Location of Soil Boring/Temporary Groundwater Monitoring Well
- Approximate Location of Phase II Soil Boring/ Temporary Groundwater Monitoring Well
- Approximate Location of Soil Boring
- Approximate Location of Soil Boring/Temporary Groundwater Monitoring Well
- Approximate Location of Test Pit
- Approximate Location of Oil-Water Separator
- Approximate Location of Geophysical Anomaly
- Approximate Site Boundary

PROJECT # / DRAWING # / DATE:

2223573

Figure 4

7/24/2025

DRAWING NAME:

Exceedances Map

PROJECT:

Remedial Investigation

145 Ganson Street
Buffalo, New York

N

0 50 100 Feet

LaBella
Powered by partnership.

Data Source: Bing Maps; LaBella 2022; Regrid 2021.

MW-4	9/20/2022	NYCRR Part 703
Analyte	Result (mg/kg)	Groundwater Quality Standards
Perfluorooctanesulfonic acid (PFOS)	8	2.7

MW-5	9/20/2022	NYCRR Part 703
Analyte	Result (mg/kg)	Groundwater Quality Standards
Perfluorooctanoic acid (PFOA)	15	6.7

MW-6	9/20/2022	NYCRR Part 703
Analyte	Result (mg/kg)	Groundwater Quality Standards
Perfluorooctanesulfonic acid (PFOS)	3.4	2.7

MW-04
579.50

MW-03
575.80

MW-05
576.97

MW-01
NM*

MW-02
575.68

MW-06
572.69

MW-07
573.80

MW-08
572.68

579
578
577
576
575
574
573

Ganson St

Legend

- Approximate Location of Groundwater Monitoring Well
- Approximate Site Boundary
- Groundwater Contours
- StreetSegment

PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:	
2223573 **Figure 5** 4/15/2025	Groundwater Contour and Exceedance Map	Remedial Investigation 145 Ganson Street Buffalo, New York	N 0 50 100 Feet

Data Source: Bing Maps; LaBella 2022; Regrid 2021.



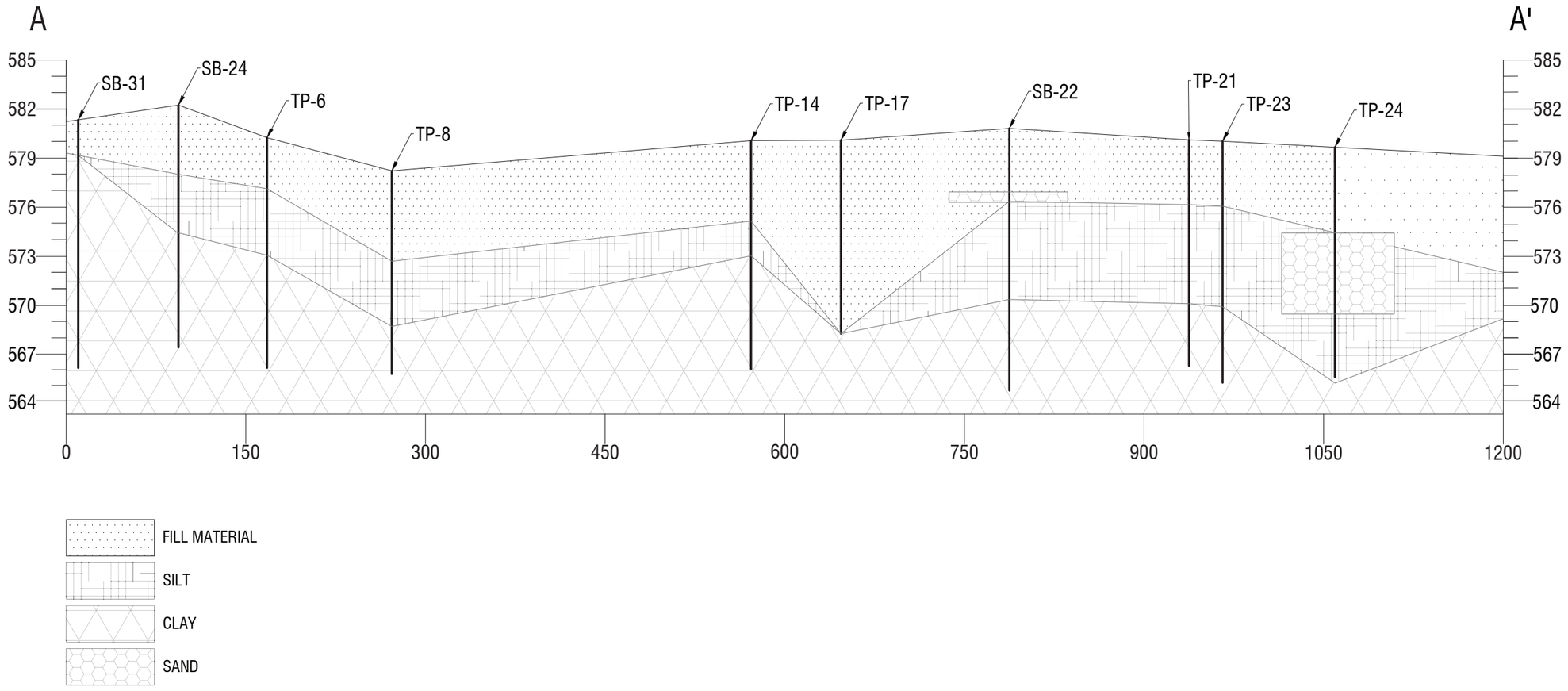
Legend

- Approximate Site Boundary
- Cross Section
- Approximate Location of Soil Boring/ Temporary Groundwater Monitoring Well
- Approximate Location of Phase II Soil Boring/ Temporary Groundwater Monitoring Well
- Approximate Location of Soil Boring
- Approximate Location of Phase II Soil Boring
- Approximate Location Outdoor Air Sample
- Approximate Location of Soil Vapor Sample
- Approximate Location of Surface Soil Sample

*2018 soil boring logs are excluded from cross section analysis as elevation data from 2018 soil boring is unavailable

PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:	
2223573 **Figure 6** 3/18/2025	Cross Section Map	Remedial Investigation 145 Ganson Street Buffalo, New York	N 0 75 150 Feet LaBella Powered by partnership.

Data Source: Bing Maps, 2025; LaBella 2025; Regrid 2021.



NO.	REVISION	BY	DATE

LaBella
Powered by partnership.

PROJECT/CLIENT
REMEDIAL INVESTIGATION REPORT
145 GANSON STREET
BUFFALO, NEW YORK

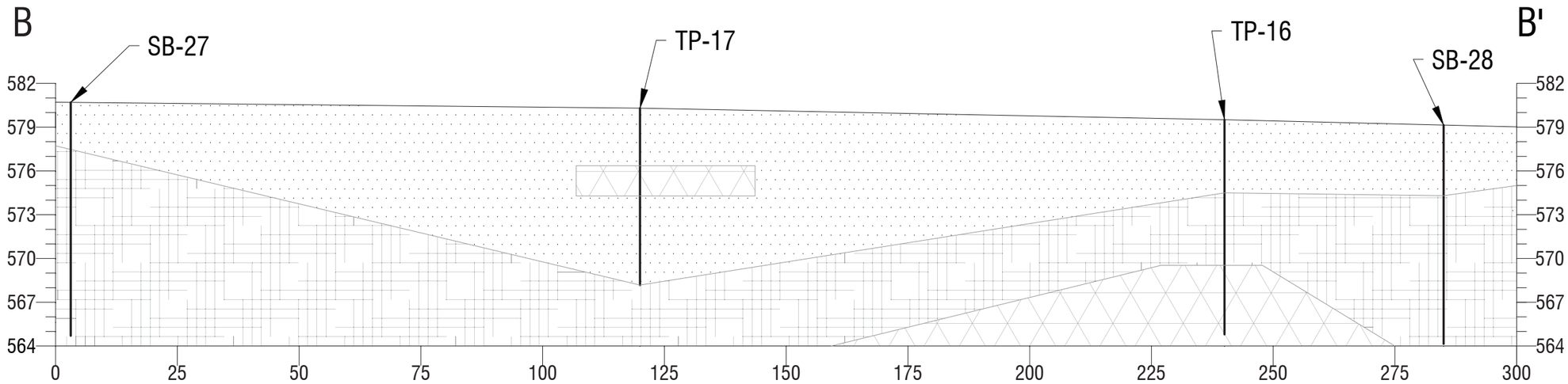
DRAWING TITLE
CROSS SECTION A-A'

DESIGNED BY: JV
DRAWN BY: JV
REVIEWED BY: AK

ISSUED FOR: FINAL
DATE: SEPTEMBER, 2024

PROJECT/DRAWING NUMBER
2223573

FIGURE 7A



FILL MATERIAL

SILT

CLAY

NO. | REVISION | BY | DATE

LaBella
Powered by partnership.

PROJECT/CLIENT
REMEDIAL INVESTIGATION REPORT
145 GANSON STREET
BUFFALO, NEW YORK

DRAWING TITLE
CROSS SECTION B-B'

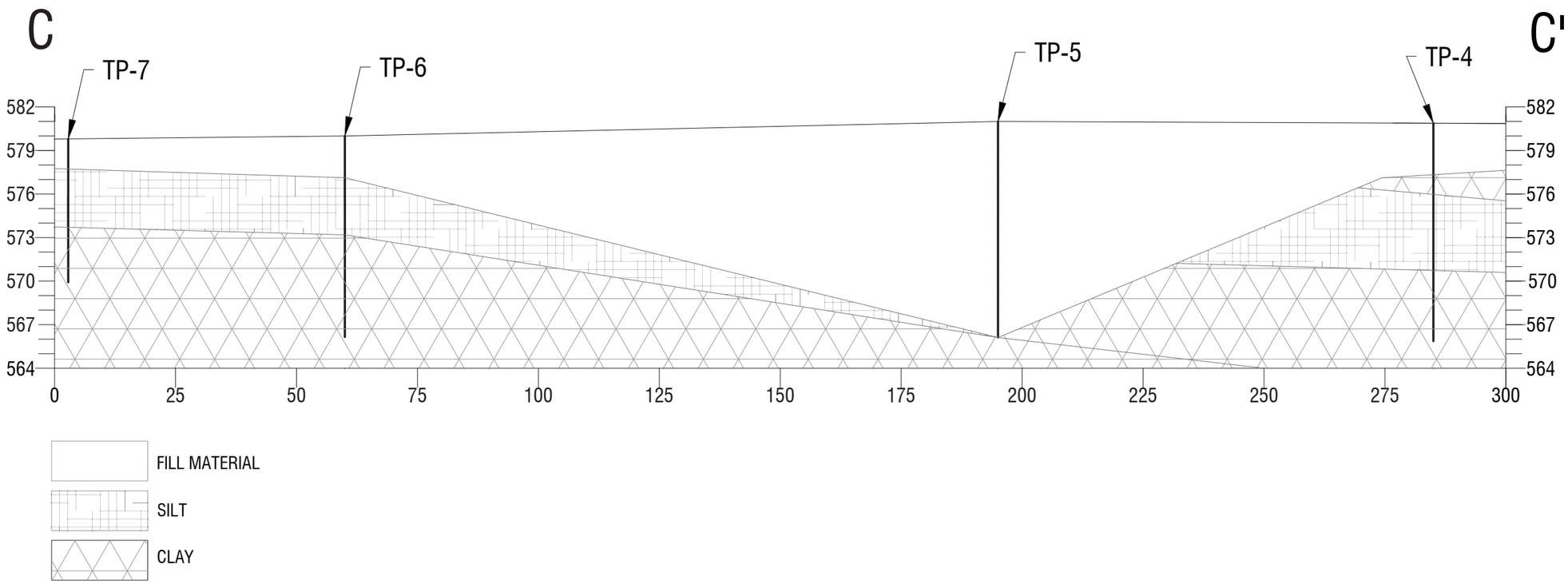
DESIGNED BY: JV
DRAWN BY: JV
REVIEWED BY: AK

ISSUED FOR
FINAL

DATE: SEPTEMBER, 2024

PROJECT/DRAWING NUMBER
2223573

FIGURE 7B



NO.	REVISION	BY	DATE

LaBella
Powered by partnership.

PROJECT/CLIENT
REMEDIAL INVESTIGATION REPORT
145 GANSON STREET
BUFFALO, NEW YORK

DRAWING TITLE
CROSS SECTION C-C'

DESIGNED BY: IV
DRAWN BY: IV
REVIEWED BY: AK

ISSUED FOR
FINAL

DATE: SEPTEMBER, 2024

PROJECT/DRAWING NUMBER
2223573

FIGURE 7C



TABLES

Table 1A - Surface and Sub-Surface Soil Samples
Remedial Investigation Location and Sample Summary
145 Ganson Street, Buffalo, New York
LaBella Project #2223573

Sample ID	Collection Date	Depth (ft bgs)	Material Sampled	Field Evidence of Impact	Laboratory Analysis										Notes
					Full List VOCs plus TICs	CP-51 SVOCs	TCL SVOCs plus TICs	RCRA Metals	TAL Metals	PCBs	Pesticides	Herbicides	PFAS	TO-15 VOCs	
Surface Soil Samples															
SS-1	9/14/2022	Surface	Surface Fill	None			X		X						DUP-1
SS-2	9/14/2022			None	X		X		X	X	X	X	X		
SS-3	9/14/2022			None			X		X						MS/MSD
Subsurface Soil Samples (Test Pits)															
TP-1	9/28/2022	2-3'	Fill	Suspect PTO @ 0-3 ft bgs Peak PID: 41.9 ppm @ 3-6 ft bgs			X		X						
TP-2	9/28/2022	2-3'	Fill	Peak PID: 1.2 ppm @ 3-5 ft bgs	X		X		X	X	X	X	X		
TP-3	9/28/2022	2-3'	Fill	None			X		X						
TP-4	9/28/2022	2-3'	Fill	None			X		X						
TP-5	9/28/2022	4-5'	Fill	None			X		X						
TP-6	9/28/2022	2-3'	Fill	Slight Suspect PTO @ 0-3 ft bgs Peak PID: 1.7 @ 0-3 ft bgs			X		X						
TP-7	9/28/2022	1-2'	Fill	None			X		X						
TP-8	9/27/2022	4-5'	Fill	None			X		X						
TP-9	9/28/2022	3-4'	Fill	None	X		X		X	X	X	X	X		MS/MSD
TP-10	9/28/2022	4-5'	Fill	None			X		X						
TP-11	9/27/2022	4-5'	Fill	None	X		X		X	X	X	X	X		
TP-12	9/27/2022	3-4'	Fill	None			X		X						
TP-13	9/27/2022	2-3'	Native Soil	None			X		X						
TP-14	9/27/2022	4-5'	Fill	None			X		X						
TP-15	9/27/2022	3-4'	Fill	None	X		X		X	X	X	X	X		
TP-16	9/27/2022	3-4'	Fill	None			X		X						
TP-17	9/27/2022	3-4'	Fill	None			X		X						
TP-18	9/27/2022	4-5'	Fill	None	X		X		X	X	X	X	X		DUP-1
TP-19	9/27/2022	4-5'	Fill	None			X		X						
TP-20	9/27/2022	3-4'	Fill	None			X		X						
TP-21	9/27/2022	3-4'	Fill	None	X		X		X	X	X	X	X		
TP-22	9/26/2022	2-3'	Fill	None	X		X		X	X	X	X	X		
TP-23	9/26/2022	2-3'	Fill	None			X		X						
TP-24	9/26/2022	3-5'	Fill	None	X		X		X	X	X	X	X		
TP-25	10/17/2024	2-3'	Fill	Suspect PTS @ 0-6 ft bgs Peak PID: 87.9 @ 2-3 ft bgs	X		X		X						
TP-25	10/17/2024	6-7'	Native Soil	None	X		X		X						
TP-26	10/17/2024	5-6'	Fill	Peak PID: 5.0 @ 5-6 ft bgs	X		X		X						
TP-27	10/17/2024	2-3'	Fill	Peak PID: 3.5 @ 2-3 ft bgs	X		X		X						
TP-28	10/17/2024	2-3'	Fill	Peak PID: 3.5 @ 2-3 ft bgs	X		X		X						
TP-29	10/17/2024	NA	NA	None											
Subsurface Soil Samples (Soil Borings)															
SB-1	1/24/2019	NA	NA	None											
SB-2	1/24/2019	6-8'	Fill	Suspect PTS & PTO @ 6-10 ft bgs Peak PID: 72.2 @ 6-8 ft bgs	X	X		X		X					
SB-3	1/24/2019	NA	NA	None											
SB-4	1/24/2019	2-4'	Fill	None		X		X		X					
SB-5	1/24/2019	NA	NA	None											
SB-6	1/24/2019	NA	NA	None											
SB-7	1/24/2019	2.5-4.5'	Fill	None		X		X							
SB-8	1/24/20219	2-4'	Fill	Suspect PTO @ 0.5-4 ft bgs Peak PID: 45.7 @ 2-4 ft bgs	X	X		X							
SB-9	1/24/2019	NA	NA	None											
SB-10	1/24/2019	2-4'	Fill	Suspect PTO @ 1-5 ft bgs Peak PID: 13.2 @ 4 ft bgs	X	X		X							
SB-11	1/24/2019	6-8'	Fill	Suspect PTO @ 5.5-8 ft bgs Peak PID: 24.9 @ 8 ft bgs	X	X									
SB-12	1/25/2019	NA	NA	None											
SB-13	1/25/2019	2-4'	Fill	None		X		X							
SB-14	1/25/2019	2-4'	Fill	None		X		X		X					
SB-15	1/25/2019	2-5'	Fill	None		X		X		X					
SB-16	1/25/2019	3-5'	Fill	None		X		X							
SB-17	1/25/2019	5-7'	Fill	Suspect PTO @ 1.5-7.5 ft bgs Peak PID: 35.3 @ 5-7 ft bgs	X	X				X					
SB-18	1/25/2019	NA	NA	None											
SB-19	1/25/2019	NA	NA	None											
SB-20	1/25/2019	3-6'	Fill/Native	None		X		X							
SB-21	1/25/2019	7-10'	Fill	None		X		X							
SB-22	9/6/2022	7-10'	Fill	None	X		X		X	X	X	X	X		
SB-23	9/6/2022	8-10'	Native Soil	None			X		X						
SB-24	9/6/2022	6-7'	Fill	None			X		X						
SB-25	9/6/2022	4-6'	Fill	Suspect PTS @ 0.4-6.3 ft bgs Peak PID: 55.8 ppm @ 5-6.3 ft bgs	X		X		X	X	X	X	X		
SB-26	9/7/2022	8-10'	Fill	None	X		X		X	X	X	X	X		
SB-27	9/7/2022	2.5-5.5'	Native Soil	Peak PID: 5.5 ppm @ 3-3.5 ft bgs	X		X		X						DUP-1
SB-28	9/7/2022	8-9'	Native Soil	None			X		X						
SB-29	9/7/2022	9-12'	Native Soil	None	X		X		X	X	X	X	X		
SB-30	9/8/2022	5-8'	Fill	None	X		X		X	X	X	X	X		
SB-31	9/8/2022	14-15'	Native Soil	Suspect PTO @ 14.5-15 ft bgs Peak PID: 0.5 ppm @ 14.5-15 ft bgs	X		X		X						

Full List VOCs plus TICs = Target Compound List plus New York State Department of Environmnental Conservation Commissioner Policy 51 volatile organic compounds plus tentatively identified compounds via Method 8260
CP-51 SVOCs = New York State Department of Environmnental Conservation Commissioner Policy 51 semivolatile organic compounds via Method 8270
TCL SVOCs plus TICs= Target Compound List semivolatile organic compounds plus Tentitively Identified Compounds via Method 8720
RCRA Metals = Resurce Conservation and Recovery Act (RCRA) metals via Method 6010/7471
TAL Metals = Target Analyte List metals via Method 6010/7471
TCL Pesticides = Target Compound List pesticides via Method 8081
PCBs = Polychlorinated Biphenyls via Method 8082
PFAS = Per- and polyfluoroalkyl substances via Method 537.1
TO-15 VOCs = Toxic Organics-15 volatile organic compounds in air
PID = photoionization detector
ppm = parts per million
PTO = petolruem-type odor
PTS = petroluem-type staining
NA = not applicable
ft bgs = Feet below the ground surface

Table 1B - Groundwater and Soil Vapor Samples
Remedial Investigation Location and Sample Summary
145 Ganson Street, Buffalo, New York
LaBella Project #2223573

Sample ID	Collection Date	Depth (ft bgs)	Material Sampled	Field Evidence of Impact	Labortatory Analysis										Notes
					Full List VOCs plus TICs [1]	CP-51 SVOCs	TCL SVOCs plus TICs	RCRA Metals	TAL Metals	PCBs	Pesticides	Herbicides	PFAS	TO-15 VOCs	
Groundwater Samples															
SB-2W	1/25/2019	NA	Groundwater	None	X										
SB-8W	1/25/2019			None	X										
SB-13W	1/25/2019			None	X										
SB-20W	1/25/2019			None	X										
MW-1	1/25/2019			None	X										
MW-2	1/25/2019			None	X										
MW-1	9/21/2022			None	X		X								
MW-2	9/21/2022			None	X		X								
MW-3	9/21/2022			None	X		X								
MW-4	9/20/2022			None	X		X		X	X	X	X	X	X	
MW-5	9/20/2022			None	X		X		X	X	X	X	X		DUP-1 and MS/MSD
MW-6	9/20/2022			None	X		X		X	X	X	X	X		
MW-7	9/21/2022			None	X		X								
MW-8	9/20/2022			None	X		X		X	X	X	X	X		
Field Blank	9/20/2022		Laboratory Provided Water	NA									X		
Equipment Blank	9/20/2022			NA									X		
Soil Vapor/Outdoor Air Samples															
SV-1	9/12/2022	NA	Soil Vapor	NA										X	
SV-2	9/12/2022			NA										X	
SV-3	9/12/2022			NA										X	
SV-4	9/12/2022			NA										X	
OA-1	9/12/2022		Outdoor Air	NA										X	

Full List VOCs plus TICs = Target Compound List plus New York State Department of Environmnental Conservation Commissioner Policy 51 volatile organic compounds plus tentatively identified compounds via Method 8260
TCL SVOCs plus TICs= Target Compound List semivolatile organic compounds plus Tentitively Identified Compounds via Method 8720
TAL Metals = Target Analyte List metals via Method 6010/7471
TCL Pesticides = Target Compound List pesticides via Method 8081
PCBs = Polychlorinated Biphenyls via Method 8082
PFAS = Per- and polyfluoroalkyl substances via Method 537.1
TO-15 VOCs = Toxic Organics-15 volatile organic compounds in air
NA = not applicable
[1] = Groundwater samples collected in 2019 were not submitted for TICs analysis

Table 2
Remedial Investigation
145 Ganson Street, Buffalo, NY
Summary of Detected Compounds in Surface Soil
LaBella Project # 2223573

Sample ID	NYCRR Part 375 Unrestricted Use SCOs	NYCRR Part 375 Restricted Residential Use SCOs	NYCRR Part 375 Commercial Use SCOs	SS-1	SS-2	SS-3	DUP-2 (SS-1)
Sample Depth				0-2"	0-2"	0-2"	0-2"
Sample Date				9/14/2022	9/14/2022	9/14/2022	9/14/2022
Metals (mg/kg)							
Aluminum	NL	NL	NL	8,270 B	11,900 B	18,500 J	10,900 J
Antimony	NL	NL	NL	4.1 J	2.6 J	0.084 J	4.9 J
Arsenic	13	16	16	**16.6**	8.3	7.4	10.3
Barium	350	400	400	105 B	123 B	191 J-	165
Beryllium	7.2	72	590	1.4 B	1.7 B	3.8 J	2 J
Cadmium	2.5	4.3	9.3	0.51 B	1.2 B	0.82 J-	1.3
Calcium	NL	NL	NL	86,900 B	11,600 B	144,000 J-	144,000 B
Chromium	1/30[1]	110/180[1]	400/1,500[1]	106	**151**	42.6 J	**384** j
Cobalt	NL	NL	NL	8.5	4.1	3.3	5.3
Copper	50	270	270	76.5	74.6	58.2 J	63.1
Iron	NL	NL	NL	166,000 B	38,700 B	18,600 J	102,000 J
Lead	63	400	1,000	78.5	134	253 J	114 J
Magnesium	NL	NL	NL	13,900 B	22,300 B	24,800 B	19,200 J
Manganese	1,600	2,000	10,000	**2,110 B**	**3,080 B**	**2,280** J	**7,190** B
Mercury	0.18	0.81	2.8	0.071	0.11	0.11 J	0.11
Nickel	30	310	310	38.7	18.2	19.6 J	33.6 J
Potassium	NL	NL	NL	718	1,180	1,730 J	998 J
Selenium	3.9	180	1,500	4.1 J	2.1 J	2.6 J	5.9
Silver	2	180	1,500	0.56 J	0.27 J	0.69	1.2
Sodium	NL	NL	NL	319	394	677 J	375 J
Thallium	NL	NL	NL	<	<	2.2 J	4.2 J
Vanadium	NL	NL	NL	40.1	54.9	18.4 J	126 J
Zinc	109	10,000	10,000	88.7	210	121 J	108
Pesticides mg/kg							
4,4'-DDD	0.0033	13	92	NA	0.012 J	NA	NA
Endrin Ketone	NL	NL	NL	NA	0.042	NA	NA
Methoxychlor	NL	NL	NL	<	< U	<	<
Semivolatile organic compounds (SVOCs) (mg/kg)							
Benz(a)anthracene	1	1	5.6	0.34 J	**1.9**	1	0.34 J
Benzo(a)pyrene	1	1	1	0.47 J	**2.4**	**1.5**	0.47 J
Benzo(b)fluoranthene	1	1	5.6	0.61 J	**3.1**	**1.8**	0.56 J
Benzo(g,h,i)perylene	100	100	500	0.36 J	1.7 J	1.6	0.33 J
Benzo(k)fluoranthene	0.8	3.9	56	0.23 J	1.1 J	0.94	0.31 J
Benzylbutyl Phthalate	NL	NL	NL	<	0.33 J	<	<
Chrysene	1	3.9	56	0.41 J	2.1	1.3	0.41 J
Dibenz(a,h)anthracene	0.33	0.33	0.56	<	**0.42 J**	**0.42** J	<
Diethyl Phthalate	NL	NL	NL	< U	< U	< U	< U
Fluoranthene	100	100	500	0.63 J	3.8	1.9	0.64 J
Indeno(1,2,3-cd)pyrene	0.5	0.5	5.6	0.32 J	**1.9**	**1.4**	0.31 J
Phenanthrene	100	100	500	0.21 J	1.4 J	0.7 J	0.2 J
Pyrene	100	100	500	0.51 J	3.1	1.6	0.49 J
Total TICs	NL	NL	NL	2.3 J	1.7 J	2.0 J	<
Total SVOCs	NL	NL	NL	6.39	25.0	16.2	4.06
Volatile organic compounds (VOCs) (mg/kg)							
Chloroform	0.37	49	350	NA	< U	NA	NA
p-Isopropyltoluene	NL	NL	NL	NA	0.0012 J	NA	NA
Total TICs	NL	NL	NL	NA	0.07 J	NA	NA
Total VOCs	NL	NL	NL		0.0712		
Per- and Polyfluoroalkyl Substances (PFAS (ug/kg)							
Perfluorobutanoic acid (PFBA)	NL	NL	NL	NA	0.045 JH	NA	NA
Perfluorodecanic acid (PFDA)	NL	NL	NL	NA	< U	NA	NA
Perfluorodecanesulfonic acid	NL	NL	NL	NA	0.053 JH	NA	NA
Perfluorohexanoic acid (PFHxA)	NL	NL	NL	NA	< U	NA	NA
Perfluorononanoic acid (PFNA)	NL	NL	NL	NA	0.04 JH	NA	NA
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	NA	0.35 H	NA	NA
Perfluorooctanoic acid (PFOA)	0.66	33	500	NA	< U	NA	NA
Perfluorotridecanoic acid	NL	NL	NL	NA	0.035 JH	NA	NA
Perfluorododecanoic acid	NL	NL	NL	NA	0.038 JH	NA	NA
NEtFOSAA	NL	NL	NL	NA	0.21 JH	NA	NA

NOTES:

mg/kg - milligrams per kilogram or parts per million (ppm)

ug/kg - micrograms per kilogram or parts per billion (ppb)

"<" - Indicates compound was not detected above the indicated laboratory method detection limit (MDL).

Underlined font indicates that the compound was detected at a concentration above its respective NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objective (SCO)

Bold fonts indicates that the compound was detected at a concentration above its respective NYCRR Part 375-6.8(b) Restricted Residential Use SCO

Gray highlight indicates that the compound was detected at a concentration above its respective NYCRR Part 375-6.8(b) Commercial Use SCO

[1] hexavalent chromium/trivalent chromium

NL indicates Not Listed

J indicates an estimated value

J- indidcates an estimated value biased low

NA indicates Not Analyzed

U indicates value changed to non-detect by third party validator

LaBella
Powered by partnership.

Table 3A
Remedial Investigation
145 Ganson Street, Buffalo, NY
Summary of Detected Compounds in Test Pit Soil
LaBella Project # 2223573

Sample ID	NYCRR Part 375 Unrestricted Use SCOs	NYCRR Part 375 Restricted Residential Use SCOs	NYCRR Part 375 Commercial Use SCOs	TP-1	TP-2	TP-3	TP-4	TP-5	TP-6	TP-7	TP-8	TP-9	TP-10	TP-11	TP-12	TP-13	TP-14	TP-15
Sample Depth (ft bgs)				2-3	2-3	2-3	2-3	4-5	2-3	1-2	4-5	3-4	4-5	4-5	3-4	2-3	4-5	3-4
Sample Date				9/28/2022	9/28/2022	9/28/2022	9/28/2022	9/28/2022	9/28/2022	9/28/2022	9/27/2022	9/28/2022	9/28/2022	9/27/2022	9/27/2022	9/27/2022	9/27/2022	9/27/2022
Metals (mg/kg)																		
Aluminum	NL	NL	NL	13,800	13,100	5,370 J	10,400	8,390	10400	6,570	8,090	11,500	10,500	5,310	15,300	8,890	3,870	3,950
Antimony	NL	NL	NL	0.62 J	7.6 J	1.6 J	5.8 J	3.7 J	2.0 J	<	2.4 J	1.7 J	1.5 J	1.9 J	10 J	2.1 J	6.3 J	1.2 J
Arsenic	13	16	16	8.3	**22.9**	9.2	**18.3**	**27.4**	9.9	9.4	13.5	15.0	15.0	**21.9**	**17.0**	11.7	**19.5**	13
Barium	350	400	400	222.0	281	87.8 J	147	206	98.9	115	182	137 J	140	188	384	156	68.4	55.5
Beryllium	7.2	72	590	0.67	1.1	0.65	0.78	0.98	0.74	0.59	0.86	0.75	1	0.81	1.9	0.67	0.92	0.39
Cadmium	2.5	4.3	9.3	0.42	1.5	0.31	1.0	1.3	0.96	0.36	0.46	1	1.1	0.81	0.56	1.0	0.49	0.4
Calcium	NL	NL	NL	9310	17,700	9,620 J	16,800	6,360	10,200	12,600	23,000	27,300	68,500	10,100	27,200	18,000	2160	64,400
Chromium	1/30[1]	110/180[1]	400/1,500[1]	19.1	30.0	27.9 J	22.9	25.6	20.0	13.7	16	25.6	33.9	13.9	19.3	23.1	15.7	11.6
Cobalt	NL	NL	NL	9.6	12.4	8.8	10	11.6	13.8	5.7	7.4	7.4	7.3	7.9	13.3	7.2	14.1	5
Copper	50	270	270	35.9	99.5	39.2	58.6	158	188	46.9	127	67.9	79.9	215	209	136	95	21.8
Iron	NL	NL	NL	19,700 B	49,500 B	17,700 J	62,200 B	74,500 B	17,200	12,700	31,600	36,900	37,800	25,400	32,400	29,100	141000	27,100
Lead	63	400	1,000	247	**601**	54.3 J	316	341	190	**482**	301	188 J	156	373	**519**	**538**	149	67.9
Magnesium	NL	NL	NL	6,640 B	6,810 B	1,930 J	8,590 B	2,510 B	6,040 B	5,150 B	5,400 B	8,940 J	16,600 B	2,510 B	4,600 B	4,990 B	856 B	6,500 B
Manganese	1,600	2,000	10,000	223	506	129 J	755	489	218 B	211 B	427 B	543 B	719 B	254 B	1,150 B	584 B	**10600**	805 B
Mercury	0.18	0.81	2.8	0.39	0.61	0.11	0.19	0.37	0.27	**0.91**	0.31	0.21	0.14	0.28	0.23	0.5	0.38	0.068
Nickel	30	310	310	27.0	42.2	29.1	25.3	32.0	29.1	16.3	21.5	27.4	26.4	22.6	37.2	23.8	22.4 J	15.6
Potassium	NL	NL	NL	3,020	3,040	878	2,920	1,550	2,690	1,760	1,490	2,230	2,440	937	4,140	1,810	358	792
Selenium	3.9	180	1,500	<	2.4 J	0.86	2.3 J	2.3 J	1.2 JB	2.1 JB	<	0.59 JB	1.2 JB	1.4 JB	1.5 JB	0.61 JB	5.2 B	0.54 JB
Silver	2	180	1,500	<	<	<	<	<	<	<	<	0.27 J	<	<	0.46 J	0.34 J	1.2	<
Sodium	NL	NL	NL	130 J	247	299	240	180 J	197 JB	169 JB	232 B	761 B	495 B	317 B	636 B	377 B	146 JB	202 B
Thallium	NL	NL	NL	0.58 J	1.8 J	2.2 J	1.5 J	1.4 J	0.92 J	0.76 J	1.4 J	1.5 J	1.0 J	1.0 J	2.4 J	0.96 J	<	0.44 J
Vanadium	NL	NL	NL	29.2	24.5	17.5 J	32.4	33.0	21.9	20.7	23.7	28.0	23.9	19.2	45.3	24.8	26.5	14.5
Zinc	109	10,000	10,000	133 B	455 B	62.8	229 B	498 B	581	122	188	219 J	267	147	188	377	67.5	76.2
Cyanide	27	27	27								<	<	<	<	<	<	<	<
Pesticides (mg/kg)																		
4,4'-DDD	0.0033	13	92	NA	0.0084 J	NA	NA	NA	NA	NA	NA	0.014 J	NA	<	NA	NA	NA	<
4,4'-DDE	0.0033	8.9	62	NA	0.0074 J	NA	NA	NA	NA	NA	NA	<	NA	<	NA	NA	NA	<
4,4'-DDT	0.0033	7.9	47	NA	0.013 J	NA	NA	NA	NA	NA	NA	0.027 J	NA	<	NA	NA	NA	<
Endrin Ketone	NL	NL	NL	NA	0.014 J	NA	NA	NA	NA	NA	NA	<	NA	<	NA	NA	NA	<
PCBs (mg/kg)																		
PCB 1260	NL	NL	NL	NA	<	NA	NA	NA	NA	NA	NA	0.017 J	NA	<	NA	NA	NA	<
Total PCBs	0.1	1	1	NA	<	NA	NA	NA	NA	NA	NA	0.017	NA	<	NA	NA	NA	<
Semivolatile organic compounds (SVOCs) (mg/kg)																		
2-Methylnaphthalene	NL	NL	NL	0.39 J	<	<	<	<	2.9 J	0.69 J	<	<	<	<	<	<	0.1 J	<
Acenaphthene	20	100	500	0.84 J	0.62 J	<	<	0.18 J	9.6	3.2	<	2.6 J	<	0.41 J	2.2 J	<	<	<
Acenapthylene	100	100	500	<	1.9 J	<	<	<	4.5 J	3.0	<	0.73 J	<	<	<	<	0.097 J	<
Anthracene	100	100	500	2.0	3.3	<	0.48 J	<	21.0	9.2	<	6.1	<	1.2	4.9	0.55 J	0.12 J	<
Benz(a)anthracene	1	1	5.6	**2.7**	**16.0**	0.65 J	**2.3**	0.83 J	**46.0**	**27.0**	**2.3**	**10.0**	0.67 J	**2.6**	**9.8**	**1.6** J	0.37	<
Benzo(a)pyrene	1	1	1	**2.1**	**18.0**	0.71 J	**2.7**	0.82 J	**45.0**	**27.0**	**2.5**	**12.0**	0.78 J	**2.7**	**9.6**	**1.7** J	0.47	<
Benzo(b)fluoranthene	1	1	5.6	**2.2**	**20.0**	0.72 J	**3.5**	**1.1** J	**49.0**	**27.0**	**3.0**	**14.0**	0.98 J	**3.0**	**9.3**	**2.2**	0.78	<
Benzo(g,h,i)perylene	100	100	500	1.1	12.0	0.46 J	1.1	0.55 J	23.0	14.0	1.6	7.1	0.40 J	1.7	5.5	1.1 J	0.39	<
Benzo(k)fluoranthene	0.8	3.9	56	1.2	**11.0**	0.43 J	1.6	0.49 J	**18.0**	**13.0**	1.1	**4.5**	0.43 J	1.3	**4.6**	0.94 J	0.33	<
Carbozale	NL	NL	NL	0.69 J	2.4 J	<	0.24 J	<	4.9 J	2.2 J	0.29 J	2.1 J	<	0.54 J	1.5 J	<	<	<
Chrysene	1	3.9	56	2.7	**17.0**	0.78 J	2.8	1.0 J	**45.0**	**28.0**	2.4	**10.0**	<	2.7	**8.8**	1.9 J	0.6	<
Dibenz(a,h)anthracene	0.33	0.33	0.56	**0.39** J	<	<	**0.45** J	<	**7.7**	**4.4**	**0.51** J	**1.3** J	<	**0.42** J	**1.6** J	<	0.12 J	<
Dibenzofuran	NL	NL	NL	0.47 J	0.51 J	<	<	<	7.1	2.0 J	<	1.9 J	<	0.22 J	1.2 J	<	0.054 J	<
Fluoranthene	100	100	500	4.7	36.0	1.4	3.7	1.9	100 E	67.0	5.0	23.0	1.5 J	<	20	3.7	0.53	<
Fluorene	30	100	500	0.91 J	0.99 J	<	<	<	11.0	3.6	0.24 J	3.1 J	<	<	2.1 J	<	0.026 J	<
Indeno(1,2,3-cd)pyrene	0.5	0.5	5.6	**0.95** J	**12.0**	0.39 J	**1.4**	**0.52** J	**20.0**	**15.0**	**1.4**	**6.2**	0.40 J	**1.7** J	**5.3**	**1.1** J	0.34	<
Naphthalene	12	100	500	0.31 J	<	<	<	<	4.1 J	1.0 J	<	2.0 J-	<	<	0.62 J	<	0.053 J	<
Phenanthrene	100	100	500	5.2	16.0	1.1	1.9	1.1 J	89.0	35.0	3.0	20.0	<	4.6	18	2.2	0.42	<
Pyrene	100	100	500	4.6	30.0	1.3	3.4	1.5	79.0	44.0	3.4	17.0	0.91 J	4.0	14	2.3	0.49	<
Total TICs	NL	NL	NL	35.1 J	66.5 J	<	2.6 J	<	422.1 J	128.2 J	6.2 J	10.7 J	2.1 J	2.6 J	25.6 J	<	4.5 J	4.5 J
Total SVOCs	NL	NL	NL	33.5	197.7	7.94	25.6	9.5	586.8	326.3	26.7	150.7	6.07	27.1	119.0	19.3	5.3	0
Volatile organic compounds (VOCs) (mg/kg)																		
Acetone	0.05	100	500	NA	0.75 J-	NA	NA	NA	NA	NA	NA	<	NA	<	NA	NA	NA	0.047
Carbon Disulfide	NL	NL	NL	NA	0.0056 J-	NA	NA	NA	NA	NA	NA	<	NA	<	NA	NA	NA	<
Chloroform	0.37	49	350	NA	<	NA	NA	NA	NA	NA	NA	0.00061 J	NA	0.00067 J-	NA	NA	NA	<
Methyl ethyl ketone (2-butanone)	0.12	100	500	NA	0.14 J-	NA	NA	NA	NA	NA	NA	<	NA	<	NA	NA	NA	0.009 J
Naphthalene	12	100	500	NA	<	NA	NA	NA	NA	NA	NA	0.002 J	NA	<	NA	NA	NA	<
Tetrachloroethene	1.3	19	150	NA	<	NA	NA	NA	NA	NA	NA	<	NA	<	NA	NA	NA	0.00081 J
Total VOCs	NL	NL	NL	NA	0.8956	NA	NA	NA	NA	NA	NA	0.00261	NA	0.00067	NA	NA	NA	0.05681
Total TICs	NL	NL	NL	NA	<	NA	NA	NA	NA	NA	NA	0.261 J	NA	<	NA	NA	NA	0.018 J
Per- and Polyfluoroalkyl Substances (PFAS) (ug/kg)																		
Perfluorobutanoic acid (PFBA)	NL	NL	NL	NA	0.11 J	NA	NA	NA	NA	NA	NA	0.059 J	NA	0.091 J	NA	NA	NA	<
Perfluorodecanoic acid (PFDA)	NL	NL	NL	NA	<	NA	NA	NA	NA	NA	NA	<	NA	0.081 J	NA	NA	NA	<
Perfluoroheptanesulfonic acid (PFHpS)	NL	NL	NL	NA	0.037 J	NA	NA	NA	NA	NA	NA	<	NA	<	NA	NA	NA	<
Perfluorohexanesulfonic acid (PFHxS)	NL	NL	NL	NA	0.078 J	NA	NA	NA	NA	NA	NA	<	NA	0.05 J	NA	NA	NA	<
Perfluorohexanoic acid (PFHxA)	NL	NL	NL	NA	0.048 J	NA	NA	NA	NA	NA	NA	0.034 J	NA	0.045 J	NA	NA	NA	<
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	NA	2.3	NA	NA	NA	NA	NA	NA	2.4	NA	0.65	NA	NA	NA	0.15 J
Perfluorooctanoic acid (PFOA)	0.66	33	500	NA	0.19 J	NA	NA	NA	NA	NA	NA	0.12 J	NA	0.2 J	NA	NA	NA	0.032 J
NEtFOSAA	NL	NK	NL	NA	<	NA	NA	NA	NA	NA	NA	0.049 J	NA	<	NA	NA	NA	<

NOTES:

mg/kg - milligrams per kilogram or parts per million (ppm)

ug/kg - micrograms per kilogram or parts per billion (ppb)

"<" - Indicates compound was not detected above the indicated laboratory method detection limit (MDL).

Underlined font indicates that the compound was detected at a concentration above its respective NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objective (SCO)

Bold font indicates that the compound was detected at a concentration above its respective NYCRR Part 375-6.8(b) Restricted Residential Use SCO

Gray highlight indicates that the compound was detected at a concentration above its respective NYCRR Part 375-6.8(b) Commercial Use SCO

[1] hexavalent chromium/trivalent chromium

NL indicates Not Listed

J indicates an estimated value

J+ indicates an estimated value biased high

J- indicates an estimated value biased low

NA indicates Not Analyzed

U indicates value changed to non-detect by third party validator

LaBella
Powered by partnership.

Table 3B
Remedial Investigation
145 Ganson Street, Buffalo, NY
Summary of Detected Compounds in Test Pit Soil
LaBella Project # 2223573

Sample ID	NYCRR Part 375 Unrestricted Use SCOs	NYCRR Part 375 Restricted Residential Use SCOs	NYCRR Part 375 Commercial Use SCOs	TP-16	TP-17	TP-18	DUP-1 (TP-18)	TP-19	TP-20	TP-21	TP-22	TP-23	TP-24	TP-25	TP-25	TP-26	TP-27	TP-28
Sample Depth (ft bgs)				3-4	3-4	4-5	4-5	4-5	3-4	3-4	2-3	2-3	3-5	2-3	6-7	5–6	2-3	2-3
Sample Date				9/27/2022	9/27/2022	9/27/2022	9/27/2022	9/27/2022	9/27/2022	9/27/2022	9/26/2022	9/26/2022	9/26/2022	10/17/2024	10/17/2024	10/17/2024	10/17/2024	10/17/2024
Metals (mg/kg)																		
Aluminum	NL	NL	NL	3,830	6,180	4,100	5,000	5,160	7,600	11,100	4,850	3,340	6,020	3,780	10,300	3,570	7,210	7,670
Antimony	NL	NL	NL	1.0 J	2.5 J	<	<	2.6 J	0.99 J	0.54 J	5.7 J	1.3 J	2 J	<	<	<	<	<
Arsenic	13	16	16	11	13.2	12.2	8.7	13	8	6.8	**18.0**	8.2	10.7	6.3	5.8	2.5	**18.5**	5.8
Barium	350	400	400	149	162	27.4	27.8	115	72.6	59.6	45.1	87.6	59.7	30.4	57	17.5	117	**597**
Beryllium	7.2	72	590	0.41	1.7	0.49	0.45	0.67	0.71	0.61	0.77	0.41	0.75	0.38	0.59	0.19 J	0.84	0.55
Cadmium	2.5	4.3	9.3	0.29	0.72	0.19 J	0.22 J	0.3	0.35	0.28	0.36	0.16 J	0.29	0.27	0.21 J	<	0.19 J	0.27
Calcium	NL	NL	NL	39,500	9,590	19,800	16,700	16,100	36,300	16,300	12,100	10,600	20,600	70,400	1,010	25,400	22,200	5,730
Chromium	1/30[1]	110/180[1]	400/1,500[1]	8.4	14.5	5.8	6.5	11.2	14.7	15.3	20.3	7.5	17.3	5.8	14.2	4.8	15	13.1
Cobalt	NL	NL	NL	5.5	10.2	10.5	10.5	9.2	6.9	10.2	12.3	6.1	8.1	7	8.6	2.6	11	11.5
Copper	50	270	270	26.2	150	28.2	23.3	60.8	28.8	26.7	75.8	41.1	50.7	16.7	21.2	5.9	15.1	29.3
Iron	NL	NL	NL	28,100	28,500	8,790	9,820	42,100	22,800	18,500	151,000	25,200	30,600	13,100	19,300	6,200	49,400	22,800
Lead	63	400	1,000	24.7	**2,810**	18.5	18.2	85.4	55	26.3	130	14.5	68.5	42.8	12.2	6.4	114	**420**
Magnesium	NL	NL	NL	2,000 B	2,190 B	2,380 B	3,430 B	3,420 B	7,820 B	8,190 B	3,920 B	857 B	3,040 B	2,990	1,430	2,530	2,340	4,010
Manganese	1,600	2,000	10,000	447 B	275 B	169 B	264 B	842 B	873 B	230	1,870	99.9 B	292 B	187	146	121	586	210
Mercury	0.18	0.81	2.8	0.074	0.33	0.022 J	0.033	0.1	0.075	0.029	0.39	0.028	0.11	0.25	0.023	<	0.062	0.14
Nickel	30	310	310	14	23.9	17.1	17.9	18.2	16.7	25.7	16.7 J	18.3	20.4	18.3	26	7.6	24.1	22.5
Potassium	NL	NL	NL	602	950	883	1,110	980	2,080	2,980	451	674	1,460	570	1,760	868	1,240	1,420
Selenium	3.9	180	1,500	0.85 JB	<	1.1 JB	1.1 JB	<	<	0.54 JB	0.52 JB	1.5 JB	2 JB	<	<	<	<	<
Silver	2	180	1,500	<	0.25 J	<	<	<	<	<	0.22 J	<	<	<	<	<	<	<
Sodium	NL	NL	NL	462 B	286 B	239	307 B	355	274	285	81.5 J	161 J	276	110 J	187	120 J	117 J	100 J
Thallium	NL	NL	NL	0.48 J	1.5 J	0.45 J	0.4 J	0.73 J	0.87 J	0.67 J	<	0.85 J	1.3 J	<	<	<	0.88 J	<
Vanadium	NL	NL	NL	14.3	21.7	10.5	11.8	17.2	24.5	23.9	36.1	14.7	22.1	10.1	21.5	11	28.2	16.6
Zinc	109	10,000	10,000	41.8	129	38.3	41.5	57.1	53.4	60.9	31.4	44.2	43.1	45.1	55.3	26.8	68.9	149
Pesticides (mg/kg)																		
4,4'-DDD	0.0033	13	92	NA	NA	<	<	NA	NA	<	0.00065 J	NA	<					
4,4'-DDT	0.0033	7.9	47	NA	NA	<	0.00048 J	NA	NA	<	0.00055 J	NA	<					
beta-BHC	0.036	0.36	3	NA	NA	<	<	NA	NA	<	0.001 J	NA	<					
Endosulfan sulfate	2.4	24	200	NA	NA	0.00075 J	0.00064 J	NA	NA	<	<	NA	<					
Endrin Ketone	NL	NL	NL	NA	NA	<	<	NA	NA	<	0.0011 J	NA	<					
Methoxychlor	NL	NL	NL	NA	NA	<	<	NA	NA	0.0014 J	<	NA	<					
Semivolatile organic compounds (SVOCs) (mg/kg)																		
2-Methylnaphthalene	NL	NL	NL	<	<	<	<	<	<	<	<	<	<	8.8	<	<	<	<
Acenaphthene	20	100	500	<	<	<	<	<	<	<	<	<	<	0.61	<	<	<	0.32 J
Acenapthylene	100	100	500	<	<	<	<	0.21	<	<	<	<	<	<	<	<	<	<
Anthracene	100	100	500	<	0.93 J	<	<	0.2	<	<	<	<	<	0.61	<	<	<	0.75 J
Benz(a)anthracene	1	1	5.6	<	**2.0** J	<	<	0.49	**1.2 J**	<	<	<	<	0.81 J	<	<	0.034 J	**1.4**
Benzo(a)pyrene	1	1	1	<	**1.9** J	<	<	0.77	**1.3 J**	<	0.050 J	<	<	0.2	<	<	0.037 J	**1.3**
Benzo(b)fluoranthene	1	1	5.6	<	**2.3** J	<	<	**1.1**	**2.1 J**	<	0.075 J	<	0.042 J	0.260	<	<	0.064 J	**1.5**
Benzo(g,h,i)perylene	100	100	500	<	1.3 J	<	<	0.73	0.72 J	<	0.023 J	<	<	0.17	<	<	0.034 J	0.68 J
Benzo(k)fluoranthene	0.8	3.9	56	<	0.95 J	<	<	0.44	<	<	<	<	<	0.13	<	<	<	<
Carbozale	NL	NL	NL	<	<	<	<	0.041 J	<	<	<	<	<	<	<	<	<	0.43 J
Chrysene	1	3.9	56	<	2.1	<	<	0.63	1.2 J	<	0.087 J	<	0.056 J	0.21	<	<	0.072 J	1.5
Dibenz(a,h)anthracene	0.33	0.33	0.56	<	<	<	<	0.22	<	<	<	<	<	<	<	<	<	0.21 J
Dibenzofuran	NL	NL	NL	<	<	<	<	<	<	<	<	<	<	<	<	<	<	0.2 J
Fluoranthene	100	100	500	<	4.4	0.028 J	<	0.53	2.2 J	0.053 J	0.067 J	<	0.059 J	0.38	<	<	0.061 J	3
Fluorene	30	100	500	<	0.29 J	<	<	<	<	<	<	<	<	2.8	<	<	<	0.36 J
Indeno(1,2,3-cd)pyrene	0.5	0.5	5.6	<	**1.3 J**	<	<	**0.62**	**0.62 J**	<	0.035 J	<	<	<	<	<	0.025	**0.58** J
Naphthalene	12	100	500	<	<	<	<	0.027 J	<	0.034 J	<	<	<	1.4	<	<	<	<
Phenanthrene	100	100	500	<	3.1	0.05 J	0.042 J	0.19	<	0.074 J	0.1 J	0.036 J	0.089 J	3.2	<	<	0.074	2.7
Pyrene	100	100	500	<	3.1	0.03 J	<	0.60	1.7 J	0.045 J	0.075 J	<	<	0.69	<	<	0.057	<
Total TICs	NL	NL	NL	16.3 J	<	3.6 J	2.6 J	4.7 J	<	1.8 J	1.8 J	2.6 J	16.4 J	176.3 J	2.3 J	2.5 J	2.63 J	31.92 J
Total SVOCs	NL	NL	NL	NA	23.7	0.1	0.042	6.8	11.0	0.206	0.5	0.036	0.246	20.270	NA	NA	0.458	14.93
Volatile organic compounds (VOCs) (mg/kg)																		
1,2,4-Trimethylbenzene	3.6	52	190	<	<	<	<	<	<	<	<	<	<	<	<	<	0.036	<
Acetone	0.05	100	500	NA	NA	0.028 J+	0.019	NA	NA	0.0061 J	<	NA	0.021 J-	0.061	0.072	0.099	<	0.001 J
Benzene	0.06	4.8	44	NA	NA	<	<	NA	NA	<	<	NA	<	<	<	<	<	<
Chloroform	0.37	49	350	NA	NA	<	<	NA	NA	0.00013 J	<	NA	<	<	<	<	<	<
Methyl ethyl ketone (2-butanone)	0.12	100	500	NA	NA	<	0.0025 J+	NA	NA	<	<	NA	0.0027 J-	0.0093 J	0.0065 J	0.021 J	<	<
Methyl tert-butyl ether	0.93	100	500	NA	NA	<	<	NA	NA	<	<	NA	<	<	<	0.0012 J	< J	<
Methylene chloride	0.05	100	500	NA	NA	<	<	NA	NA	<	<	NA	<	<	<	<	0.12 J	<
n - Propylbenzene	3.9	100	500	NA	NA	<	<	NA	NA	<	<	NA	<	<	<	<	0.6	<
n-Butylbenzene	12	100	500	NA	NA	<	<	NA	NA	<	<	NA	<	<	<	<	1.1	<
sec-Butylbenzene	11	100	500	NA	NA	<	<	NA	NA	<	<	NA	<	<	<	<	0.91	<
m,p-xylene	0.26	100	500	<	<	<	<	<	<	<	<	<	<	<	<	<	0.033 J	<
Total VOCs	NL	NL	NL	NA	NA	<	0.0215	NA	NA	0.00623	NA	NA	0.0237	0.0703	0.0785	0.1212	3.426	0.001
Total TICs	NL	NL	NL	NA	NA	0.015 J	0.0096 J	NA	NA	0.0058 J	0.0071 J	NA	0.0083 J	<	<	0.0081 J	201 J	0.271
Per- and Polyfluoroalkyl Substances (PFAS) (ug/kg)																		
Perfluorobutanoic acid (PFBA)	NL	NL	NL	NA	NA	<	<	NA	NA	<	0.11 J	NA	<	<	<	<	<	<
Perfluorohexanoic acid (PFHxA)	NL	NL	NL	NA	NA	<	<	NA	NA	<	0.026 J	NA	0.033 J	<	<	<	<	<
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	NA	NA	<	<	NA	NA	<	<	NA	0.12 J	<	<	<	<	<
Perfluorooctanoic acid (PFOA)	0.66	33	500	NA	NA	<	<	NA	NA	<	0.22 J	NA	<	<	<	<	<	<

NOTES:
mg/kg - milligrams per kilogram or parts per million (ppm)
ug/kg - micrograms per kilogram or parts per billion (ppb)
"<" - Indicates compound was not detected above the indicated laboratory method detection limit (MDL).
Underlined font indicates that the compound was detected at a concentration above its respective NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objective (SCO)
Bold font indicates that the compound was detected at a concentration above its respective NYCRR Part 375-6.8(b) Restricted Residential Use SCO
Gray highlight indicates that the compound was detected at a concentration above its respective NYCRR Part 375-6.8(b) Commercial Use SCO
[1] hexavalent chromium/trivalent chromium
NL indicates Not Listed
J indicates an estimated value
J+ indicates an estimated value biased high
J- indicates an estimated value biased low
NA indicates Not Analyzed
U indicates value changed to non-detect by third party validator

LaBella
Powered by partnership.

Table 4A
Remedial Investigation
145 Ganson Street, Buffalo, NY
Summary of Detected Compounds in Phase II Soil Borings
LaBella Project # 2223573

Sample ID	NYCRR Part 375 Unrestricted Use SCOs	NYCRR Part 375 Restricted Residential Use SCOs	NYCRR Part 375 Commercial Use SCOs	SB-2	SB-4	SB-7	SB-8	SB-10	SB-11	SB-13	SB-14	SB-15	SB-16	SB-17	SB-20	SB-21
Sample Depth (ft bgs)				6-8	2-4	2.5-4.5	2-4	2.5-4.5	6-8	2-4	2-4	2-5	3-5	6-8	3-6	2-4
Sample Date				1/24/2019	1/24/2019	1/24/2019	1/24/2019	1/24/2019	1/24/2019	1/25/2019	1/25/2019	1/25/2019	1/25/2019	1/25/2019	1/25/2019	1/25/2019
Metals (mg/kg)																
Arsenic	13	16	16	NA	8.4	**22**	**13.3**	9.3	NA	**20.9**	**23.4**	14.3	6.5	NA	**20.3**	**16.6**
Barium	350	400	400	NA	25.7	209	**500**	169	NA	124	84.1	331	91.8	NA	118	197
Cadmium	2.5	4.3	9.3	NA	0.2 J	0.65	0.69	0.65	NA	0.79	<	0.65	0.32	NA	<	0.53
Chromium	1/30[1]	110/180[1]	400/1,500[1]	NA	6.6	13.7	16.5	20.3	NA	21	16.8	12.4	11.7	NA	16.2	14.3
Lead	63	400	1,000	NA	20.5 B	275 B	**1,550 B**	**518 F2 B**	NA	**125 B**	**304 B**	**438 B**	39 B	NA	**1,030 B**	361 B
Mercury	0.18	0.81	2.8	NA	0.033	0.27	**1.1**	0.34	NA	0.23	0.61	**12.6**	0.048	NA	0.099	0.75
Selenium	3.9	180	1,500	NA	<	2.2 J	1.4 J	1.2 J	NA	1.1 J	2.7 J	1.9 J	1.4 J	NA	2.3 J	1.6 J
Silver	2	180	1,500	NA	<	0.3 J	<	<	NA	<	<	<	<	NA	<	<
Polychlorinated biphenyls (PCBs) (mg/kg)																
Total PCBs	0.1	1	1	<	<	NA	NA	NA	NA	NA	<	<	NA	<	NA	NA
Semivolatile organic compounds (SVOCs) (mg/kg)																
Acenaphthene	20	100	500	0.42 J	<	1.8	<	<	0.094 J	1.7	0.32 J	<	<	0.66	<	5.2
Acenaphthylene	100	100	500	<	<	0.23 J	<	<	<	<	<	<	<	<	<	3
Anthracene	100	100	500	<	<	2.8	0.35 J	0.068 J	0.089 J	5.9	1 J	<	<	0.24	<	14
Benzo(a)anthracene	1	1	5.6	<	<	**4.7**	1 J	0.21 J	0.21	**13**	**2.1**	<	0.076 J	<	0.2 J	**30**
Benzo(a)pyrene	1	1	1	<	0.053 J	**4.4**	0.89 J	0.18 J	0.22	**12**	**1.8**	<	0.082 J	<	0.18 J	**31**
Benzo(b)fluoranthene	1	1	5.6	<	0.07 J	**5.4**	**1.3**	0.32	0.3	**14**	**2.4**	0.22 J	0.14 J	<	0.22 J	**35**
Benzo(ghi)perylene	100	100	500	<	0.075 J	3.1	0.86 J	0.19 J	0.23	8.5	1.4	0.26 J	0.15 J	<	0.29 J	21
Benzo(k)fluoranthene	0.8	3.9	56	<	0.027 J	**2.1**	0.54 J	<	0.18 J	**5.2**	1.1	<	0.053 J	<	<	**13**
Chrysene	1	3.9	56	<	0.12 J	**5.1**	1.2	0.23	0.24	**12**	2.1	0.27 J	0.1 J	<	0.23 J	**30**
Dibenzo(a,h)anthracene	0.33	0.33	0.56	<	<	<	<	ND	0.074 J	<	<	<	<	<	<	**6.7**
Fluoranthene	100	100	500	<	0.059 J	12	1.8	0.39	0.45	31	4.5	0.26 J	0.11 J	0.083 J	0.3 J	77
Fluorene	30	100	500	0.69 J	<	1.7	ND	<	<	1.5	0.39 J	<	ND	1.4	<	5.3
Indeno(1,2,3-cd)pyrene	0.5	0.5	5.6	<	0.046 J	**2.6**	**0.71 J**	0.15 J	0.2 J	**7.6**	**1.2**	0.21 J	0.1 J	<	0.18 J	19
Naphthalene	12	100	500	<	0.081 J	0.85	<	0.041 J	<	0.46 J	0.14 J	<	<	<	<	3.2
Phenanthrene	100	100	500	1.3	0.21 J	13	1 J	0.26	0.33	25	3.7	0.32 J	0.12 J	3.3	0.46 J	58
Pyrene	100	100	500	0.2 J	<	10	1.6	0.34	0.4	24	3.7	0.22 J	0.11 J	0.4	0.32 J	68
Total SVOCs	NL	NL	NL	2.61	0.741	69.78	11.25	2.379	3.017	161.86	25.85	1.76	1.041	6.083	2.38	419.4
Volatile Organic Compounds (VOCs) (mg/kg)																
1,2,4-Trimethylbenzene	3.6	52	190	<	<	NA	<	ND	0.49	NA	NA	NA	NA	<	NA	NA
2-Butanone (MEK)	0.12	100	500	<	<	NA	0.009 J -	0.0063 J -	<	NA	NA	NA	NA	<	NA	NA
Acetone	0.05	100	500	<	<	NA	0.049 -	0.044 -	<	NA	NA	NA	NA	<	NA	NA
Benzene	0.06	4.8	44	<	<	NA	0.0023 J -	<	<	NA	NA	NA	NA	<	NA	NA
Cyclohexane	NL	NL	NL	<	<	NA	<	<	0.19	NA	NA	NA	NA	<	NA	NA
Isopropylbenzene (Cumene)	NL	NL	NL	<	<	NA	<	<	0.05 J	NA	NA	NA	NA	<	NA	NA
Methyl acetate	NL	NL	NL	0.14 J	<	NA	<	<	<	NA	NA	NA	NA	<	NA	NA
Methylcyclohexane	NL	NL	NL	<	<	NA	<	<	0.097 J	NA	NA	NA	NA	<	NA	NA
Methylene chloride	0.05	100	500	<	<	NA	0.0029 J -	<	<	NA	NA	NA	NA	<	NA	NA
n-Butylbenzene	12	NL	NL	<	<	NA	<	<	0.1 J	NA	NA	NA	NA	0.39 J	NA	NA
n-Propylbenzene	3.9	100	500	<	<	NA	<	<	0.14	NA	NA	NA	NA	<	NA	NA
sec-Butylbenzene	11	100	500	<	<	NA	<	<	0.067 J	NA	NA	NA	NA	<	NA	NA
Total Xylenes	0.26	100	500	0.031 J	<	NA	<	<	0.12 J	NA	NA	NA	NA	<	NA	NA
Total VOCs	NL	NL	NL	0.171	NA	NA	0.0632	0.0503	1.254	NA	NA	NA	NA	0.39	NA	NA

NOTES:
mg/kg - milligrams per kilogram
ug/kg - micrograms per kilogram or parts per billion (ppb)
"<" - Indicates compound was not detected above the indicated laboratory method detection limit (MDL).
Underlined font indicates that the compound was detected at a concentration above its respective NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objective (SCO)
Bold fonts indicates that the compound was detected at a concentration above its respective NYCRR Part 375-6.8(b) Restricted Residential Use SCO
Gray highlight indicates that the compound was detected at a concentration above its respective NYCRR Part 375-6.8(b) Commercial Use SCOs
[1] hexavalent chromium/trivalent chromium
[2] total xylenes
Pesticides analyzed by USEPA Method 8081
NL indicates Not Listed
J indicates an estimated value
J- indicates an estimated value biased low
NA indicates Not Analyzed

LaBella
Powered by partnership.

Table 4B
Remedial Investigation
145 Ganson Street, Buffalo, NY
Summary of Detected Compounds in Soil Borings
LaBella Project # 2223573

Sample ID	NYCRR Part 375 Unrestricted Use SCOs	NYCRR Part 375 Restricted Residential Use SCOs	NYCRR Part 375 Commercial Use SCOs	SB-22	SB-23	SB-24	SB-25	SB-26	SB-27	SB-28	SB-29	SB-30	SB-31	DUP-1 (SB-27)
Sample Depth (ft bgs)				7-10'	8-10'	6-7'	4-6'	8-10'	2.5-5.5'	8-9'	9-12'	5-8'	14-15'	2.5-5.5'
Sample Date				9/6/2022	9/6/2022	9/6/2022	9/6/2022	9/7/2022	9/7/2022	9/7/2022	9/7/2022	9/8/2022	9/8/2022	9/7/2022
Metals (mg/kg)														
Aluminum	NL	NL	NL	5,030	2,850	15,900	4,590	9,790	9,100 J	10,500	12,100	11,800	13,300	8,240
Antimony	NL	NL	NL	<	1.1 J	<	1.1 J	1.7 J	0.92 J	5.4 J	2.4 J	<	<	2.1 J
Arsenic	13	16	16	4.9	10.1	2.8	9.9	7.7	6.2 J	**19.5**	10	7.5	5.5	13.2 J
Barium	350	400	400	28.3	141	100	76.8	76.8	77.1 J	234	105	55.8	89.3	165 J
Beryllium	7.2	72	590	0.24	0.53	0.67	0.89	0.6	0.98	0.67	1.8	0.59	0.65	0.73
Cadmium	2.5	4.3	9.3	<	0.4	0.21 J	0.12 J	0.22	0.22 J	0.39	0.27	0.4	0.2	0.53
Calcium	NL	NL	NL	148,000 B	8,860 B	65,900 B	2,500 B	9,490 B	40,500 J	15,400 B	62,500 B	18,800 B	27,600 B	67,400 B
Chromium	1/30[1]	110/180[1]	400/1,500[1]	11.9	9.4	19.4	12.7	29.0	11 J	16.3	16.6	15.5	18.1	20.8 J
Cobalt	NL	NL	NL	4.1	14.8	9.4	10.5	9.2	6	10	5.9	10	9.5	7.6
Copper	50	270	270	18.4	48.3	14.6	42.8	55.5	19.3 J	67.4	33.3	47.9	28.2	50.3 J
Iron	NL	NL	NL	9,290	31,100	18,400	11,600	17,700	12,900 J	22,800	25,100	20,800	18,600	23,400 J
Lead	63	400	1,000	13.2 B	92.7	15.8	59.6 B	333 B	150 J	**824 B**	118 B	25.2	21.4	386 J
Magnesium	NL	NL	NL	4,320 B	553 B	25,700 B	788 B	5,370 B	4,620 J	6,200 B	11,900 B	5,290 B	11,500 B	5,420 B
Manganese	1,600	2,000	10,000	181	**3,840 B**	510 B	36	123	229 J	348	1,170	580 B	352 B	841 J
Mercury	0.18	0.81	2.8	0.0059 J	0.053	0.019 J	0.083	**1.9**	0.29	0.68	0.2	0.011 J	0.04	0.24
Nickel	30	310	310	14	21.8	20.5	17.3	23	17	29.1	16.1	30.8	25.9	21
Potassium	NL	NL	NL	1,350	550	5,940	555	2,220	1,110 J	2,120	1,820	2,790	3,210	16,670
Selenium	3.9	180	1,500	<	1.8 J	<	3.9 J	3 J	1	1.2 J	1.7 J	<	<	1.4 J
Silver	2	180	1,500	<	0.5 J	<	<	<	<	<	<	**<**	**<**	<
Sodium	NL	NL	NL	467	273	277	105 J	268	266	1,370	388	122 J	167 J	384
Thallium	NL	NL	NL	<	1.3 J	1.8 J	<	<	<	<	<	<	0.69 J	<
Vanadium	NL	NL	NL	11.5	17.3	30.9	22.9	22.9	13.4 J	26.5	22.3	23.5	33.5	23.9 J
Zinc	109	10,000	10,000	26.7	87.8	49.9	42.6	109	74.6 J	264	109	79.1	63.5	193 J
Pesticides (mg/kg)														
4,4'-DDD	0.0033	13	92	< U	NA	NA	< U	<	NA	NA	<	<	NA	<
4,4'-DDT	0.0033	7.9	47	<	NA	NA	0.024	<	NA	NA	0.094 J	<	NA	<
Endrin Aldehyde	NL	NL	NL	< U	NA	NA	<	<	NA	NA	<	<	NA	<
Endrin Ketone	NL	NL	NL	<	NA	NA	0.01 J	<	NA	NA	0.087 J	0.0085 J	NA	<
trans-Chlrodane	NL	NL	NL	<	NA	NA	<	<	NA	NA	<	0.0068 J	NA	<
Methoxychlor	NL	NL	NL	<	NA	NA	< U	<	NA	NA	< U	< U	NA	<
PCBs (mg/kg)														
Total PCBs	0.1	1	1	<	NA	NA	<	<	NA	NA	<	<	NA	<
Semivolatile organic compounds (SVOCs) (mg/kg)														
2-Methylnaphthalene	NL	NL	NL	<	0.071 J	0.047 J	0.13 J	<	0.14 J	<	<	<	<	<
4-methylphenol (p-cresol)	0.33	100	500	<	<	<	<	<	<	<	<	<	0.026 J	<
Acenaphthene	20	100	500	<	<	<	0.061 J	<	0.42 J	0.073 J	<	<	<	1.5 J
Acenapthylene	100	100	500	<	<	<	<	<	0.061 J	0.037 J	4.2	<	<	<
Anthracene	100	100	500	<	<	0.06 J	0.25	<	1.3 J	0.16 J	3.3 J	<	<	3.4
Benz(a)anthracene	1	1	5.6	<	0.046 J	0.044 J	0.21 J	0.077 J	**2.5** J	0.4	**31**	0.036 J	0.075 J	**5.4**
Benzo(a)pyrene	1	1	1	<	0.033 J	<	0.13 J	0.083 J	**2.2** J	0.43	**42**	0.042 J	0.063 J	**4.8**
Benzo(b)fluoranthene	1	1	5.6	<	0.053 J	<	0.18 J	0.10 J	**2.4** J	0.25	**52**	0.053 J	0.078 J	**5.2**
Benzo(g,h,i)perylene	100	100	500	<	0.032 J	<	0.11 J	0.067 J	0.88 J	0.21 J	24	0.024 J	0.035 J	2.2
Benzo(k)fluoranthene	0.8	3.9	56	<	<	<	0.066 J	0.0036 J	1.1 J	0.21 J	**26**	<	0.03 J	2.4
Benzylbutyl Phthalate	NL	NL	NL	<	< U	<	<	<	<	<	<	< U	<	<
Biphenyl	NL	NL	NL	<	<	<	<	<	0.035 J	<	<	<	<	<
Carbozale	NL	NL	NL	<	<	<	<	<	0.87 J	0.052 J	0.56 J	<	<	2.2
Chrysene	1	3.9	56	<	0.099 J	0.076 J	0.4	0.086 J	2.5 J	0.45	**35**	<	0.086 J	**5.7**
Dibenz(a,h)anthracene	0.33	0.33	0.56	<	<	<	<	<	**0.39** J	0.065 J	**7.9**	<	<	**0.87 J**
Dibenzofuran	NL	NL	NL	<	<	<	<	<	0.38 J	0.044 J	<	<	<	1.1 J
Fluoranthene	100	100	500	<	0.048 J	0.062 J	0.31	0.13 J	4.8 J	0.9	35	0.072 J	0.11 J	12
Fluorene	30	100	500	<	<	<	<		0.47 J	0.077 J	<	<	<	1.5 J
Indeno(1,2,3-cd)pyrene	0.5	0.5	5.6	<	<	<	0.083 J	0.055 J	**0.85** J	0.23	**24**	0.025 J	0.033 J	**2.1**
Naphthalene	12	100	500	<	<	<	0.1 J	<	0.14 J	0.06 J	<	<	<	0.37 J
N-Nitrosodi-n-propylamine	NL	NL	NL	<	<	<	0.35	<	<	<	<	<	<	<
Phenanthrene	100	100	500	<	0.17 J	0.18 J	0.71	0.11 J	5.1 J	0.74	0.96 J	0.033 J	0.086 J	14
Pyrene	100	100	500	<	0.058 J	0.12 J	0.43	0.12 J	4 J	0.76	45	0.061 J	0.14 J	9.9
Total TICs	NL	NL	NL	2.4 J	3.0 J	1.2 J	36.5 J	0.77 J	9.2 J	21.0 J	118.1 J	0.2 J	0.38 J	10.5 J
Total SVOCs	NL	NL	NL	NA	0.6	0.589	4.17	0.83	30.5	5.1	330.9	0.346	0.762	74.6
Volatile organic compounds (VOCs) (mg/kg)														
1,2,4-Trimethylbenzene	3.6	52	190	<	NA	NA	0.85	<	<	NA	<	<	4.3 J-	<
1,3,5-Trimethylbenzene	8.4	52	190	0.00036 J	NA	NA	0.25 J	<	<	NA	<	<	1.6 J-	<
Acetone	0.05	100	500	0.075	NA	NA	<	0.072	0.011 J-	NA	0.0093 J	0.042	0.047 J-	0.0096 J-
Benzene	0.06	4.8	44	<	NA	NA	0.14 J	<	<	NA	<	<	<	<
Carbon Disulfide	NL	NL	NL	<	NA	NA	<	<	<	NA	<	<	<	0.006 J-
Chloroform	0.37	49	350	<	NA	NA	<	<	<	NA	<	<	<	<
Cyclohexane	NL	NL	NL	<	NA	NA	0.52	<	<	NA	<	<	0.00081 J-	<
Ethylbenzene	1	41	390	0.0004 J	NA	NA	0.42	<	<	NA	<	<	<	<
Isopropylbenzene	NL	NL	NL	<	NA	NA	0.084 J	<	<	NA	<	<	<	<
Methyl Acetate	NL	NL	NL	<	NA	NA	<	<	<	NA	<	<	0.0038 J-	<
Methyl Cyclohexane	NL	NL	NL	0.00073 J	NA	NA	1.5	<	<	NA	<	<	0.0021 J-	<
Methyl ethyl ketone (2-butanone)	0.12	100	500	0.015 J	NA	NA	<	0.021 J	<	NA	<	0.007 J	0.0085 J-	<
n - Propylbenzene	3.9	100	500	<	NA	NA	0.22 J	<	<	NA	<	<	<	<
Naphthalene	NL	NL	NL	<	NA	NA	0.45	<	<	NA	<	<	0.0011 J-	<
Toluene	0.7	100	500	< U	NA	NA	1	<	<	NA	<	<	0.00093 J-	<
o-xylene	0.26[2]	100[2]	500[2]	<	NA	NA	0.59	<	<	NA	<	<	<	<
m,p-xylene				0.00093 J	NA	NA	3.1	<	<	NA	<	<	<	<
Total TICs	NL	NL	NL	0.017 J	NA	NA	50.8 j	0.041 J	0.246 J-	NA	0.014 J	0.013 j	0.55 J-	0.0998 J-
Total VOCs	NL	NL	NL	0.09242	NA	NA	9.124	0.093	0.011	NA	0.0093	0.049	5.96424	0.0156
Per- and Polyfluoroalkyl Substances (PFAS) (ug/kg)														
Perfluorooctanesulfonic acid (PFOS)	0.88	44	440	0.059 J	NA	NA	<	<	NA	NA	<	**<**	NA	<
Perfluorooctanoic acid (PFOA)	0.66	33	500	0.051 J	NA	NA	<	<	NA	NA	<	<	NA	<

NOTES:

mg/kg - milligrams per kilogram or parts per million (ppm)

ug/kg - micrograms per kilogram or parts per billion (ppb)

"<" - Indicates compound was not detected above the indicated laboratory method detection limit (MDL).

Underlined font indicates that the compound was detected at a concentration above its respective NYCRR Part 375-6.8(a) Unrestricted Use Soil Cleanup Objective (SCO)

Bold fonts indicates that the compound was detected at a concentration above its respective NYCRR Part 375-6.8(b) Restricted Residential Use SCO

Gray highlight indicates that the compound was detected at a concentration above its respective NYCRR Part 375-6.8(b) Commercial Use SCOs

[1] hexavalent chromium/trivalent chromium

[2] total xylenes

Pesticides analyzed by USEPA Method 8081

NL indicates Not Listed

J indicates an estimated value

J- indicates an estimated value biased low

NA indicates Not Analyzed

U indicates value changed to non-detect by third party validator

LaBella
Powered by partnership

Table 5A
Remedial Investigation
145 Ganson Street, Buffalo, NY
Summary of 2018 Phase II ESA Groundwater Anylitical Results
LaBella Project # 2223573

Sample ID	NYCRR Part 703 Groundwater Quality Standards	SB-2W	SB-8W	SB-13W	SB-20W	MW-1	MW-2
Sample Date		1/25/2019	1/25/2019	1/25/2019	1/25/2019	1/25/2019	1/25/2019
Volatile Organic Compounds (VOCs) (ug/L)							
2-Butanone	50	ND	2.8 J	ND	ND	ND	ND
Acetone	50	ND	21	7 J	9.2 J	6.5 J	8.9 J
Benzene	1	ND	0.48 J	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	0.53 J	ND	0.57 J

Notes:

Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non detect

Yellow highlight indicates that the compound was detected at a concentration above its respective 6 NYCRR Part 703 Groundwater Quality Standard or Technical and Operational Guidance Series (TOGS 1.1.1) Guidance Valu

"--" = sample not analyzed for parameter or no SCO available for the parameter.

J = Estimated Value - Below Calibration range

ND = Not detected

LaBella
Powered by partnership.

Table 5B
Remedial Investigation
145 Ganson Street, Buffalo, NY
Summary of Detected Compounds in Groundwater
LaBella Project # 2223573

Sample ID	NYCRR Part 703 Groundwater Quality Standards	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	DUP-1 (MW-5)
Sample Date		**9/21/2022**	**9/21/2022**	**9/21/2022**	**9/20/2022**	**9/20/2022**	**9/20/2022**	**9/21/2022**	**9/20/2022**	**9/20/2022**
Metals										
Aluminum	100*	NA	NA	NA	11	<	1.9	NA	0.39	<
Arsenic	25	NA	NA	NA	0.009 J	<	0.0071 J	NA	0.0078 J	<
Barium	1000	NA	NA	NA	0.22	0.061	0.085	NA	0.52	0.054
Beryllium	3*	NA	NA	NA	0.00052 J	<	<	NA	<	<
Cadmium	5	NA	NA	NA	0.001 J	0.0051 j	<	NA	<	0.0063 J
Calcium	NL	NA	NA	NA	83.1	169	91.8	NA	264	161
Chromium	50	NA	NA	NA	0.017	<	0.0034 J	NA	<	<
Cobalt	5*	NA	NA	NA	0.0047	0.0017 j	<	NA	<	0.0019 J
Copper	200	NA	NA	NA	0.071	0.0034 j	0.0067 J	NA	0.0053 J	0.0028 J
Iron	300	NA	NA	NA	14.8	0.21	4	NA	56.6	0.26
Lead	25	NA	NA	NA	0.13	0.0037 j	0.026	NA	0.011	<
Magnesium	35,000*	NA	NA	NA	15.4	51.2	8.7	NA	31.6	49
Manganese	300	NA	NA	NA	0.57	4.6	0.41	NA	0.074	4.5
Mercury	0.7	NA	NA	NA	0.00005 J	<	<	NA	<	<
Nickel	100	NA	NA	NA	0.02	0.0062 j	0.0028 J	NA	0.002 J	0.0058 J
Potassium	NL	NA	NA	NA	8.2	0.72	5.1	NA	16.4	0.74
Sodium	20,000	NA	NA	NA	18.5	134	221	NA	190	125
Vanadium	NL	NA	NA	NA	0.022	<	0.0096	NA	<	<
Zinc	2,000*	NA	NA	NA	0.17	<	0.014	NA	0.0079 J	<
Pesticides										
4,4'-DDD	0.3	NA	NA	NA	0.013 J	<	<	NA	<	<
Endrin Aldehyde	5	NA	NA	NA	<	<	<	NA	0.019 JB	<
gamma-BHC (lindane)	0.05	NA	NA	NA	0.0081 J	<	<	NA	<	<
Polychlorinated Biphenyls (PCBs) (ug/L)										
Total PCBs	0.09	NA	NA	NA	<	<	<	NA	<	<
Semivolatile organic compounds (SVOCs) (ug/L)										
1,4-Dioxane	1	<	<	<	<	<	<	<	0.13 J	<
2,4-Dimethylphenol	50*	<	<	<	0.75 J	<	<	<	<	<
Acenaphthene	20*	<	<	<	0.53 J	<	<	<	<	<
Diethyl Phthalate	50*	< U	< U	< U	<	<	<	< U	<	<
Total TICs	NL	329.6 J	377.7 J	441.9 J	47.7 J	5.8 J	6.8 J	339.5 J	<	3.0 J
Volatile organic compounds (VOCs) (ug/L)										
Total VOCs	NL	<	<	<	<	<	<	<	<	<
Total TICs	NL	<	<	<	<	<	<	<	<	<
Per- and Polyfluoroalkyl Subsances (PFAS) (ng/L)										
Perfluorohexanoic acid (PFHxA)	NL	NA	NA	NA	2.7	2.3	2.6 MC	NA	3.8	2.1
Perfluoroheptanoic acid (PFHpA)	NL	NA	NA	NA	2.6	2.2	1.4 J	NA	3	2.2
Perfluorooctanoic acid (PFOA)	6.7	NA	NA	NA	5.5	15	3.1	NA	5.3	15
Perfluorononanoic acid (PFNA)	NL	NA	NA	NA	1.3 J	<	0.83 J	NA	<	<
Perfluorobutanesulfonic acid (PFBS)	NL	NA	NA	NA	3.8	7.2 MC	1.9 J	NA	2.8 J	7.3 MC
Perfluorohexanesulfonic acid (PFHxS)	NL	NA	NA	NA	1.4 J	3.6	<	NA	0.75 J	3.2
Perfluorooctanesulfonic acid (PFOS)	2.7	NA	NA	NA	8	<	3.4	NA	1.5 MC	<
Perfluorobutanoic acid (PFBA)	NL	NA	NA	NA	12	11	8.5	NA	8.1	12
Perfluoropentanoic acid (PFPeA)	NL	NA	NA	NA	2.7	4.2	2.9	NA	3.3	3.6

NOTES:

ug/L - micrograms per liter or parts per billion (ppb)

ng/L - nanograms per liter or parts per trillion (ppt)

"<" - Indicates compound was not detected above the indicated laboratory method detection limit (MDL).

Grey highlight indicates that the compound was detected at a concentration above its respective 6 NYCRR Part 703 Groundwater Quality Standard or Technical and Operational Guidance Series (TOGS 1.1.1) Guidance Value

* indicates no Part 703 Standard, TOGS 1.1.1 Guidance Value is listed

NL Indicates Not Listed

NA indicates Not Analyzed

U indicates value changed to non-detect by third party validator

MC indicated estimated maximum possible concentration

LaBella
Powered by partnership.

Table 6
Remedial Investiagtion
145 Ganson Street, Buffalo, NY
Summary of Detected Compounds in Soil Vapor and Outdoor Air
LaBella Project # 2223573

Sample ID	SV-1	SV-2	SV-3	SV-4	OA-1
Sample Type	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor	Outdoor Air
Sample Date	9/13/2022	9/13/2022	9/13/2022	9/13/2022	9/13/2022
Dichlorodifluoromethane	2 J	2.3 J	<	2.1 J	2.6
Chlorodifluoromethane	2	1.4 J	0.68 J	2.5	3.4
Chloromethane	1.5	0.49 J	<	0.69 J	0.97 J
n-Butane	70	70	22	4.0	1.8
1,3-Butadiene	<	0.3 J	<	<	<
Trichlorofluoromethane	0.99 J	1.6	<	0.99 J	1.2
1,1,2-Trichlorotrifluoroethane	0.45 J	0.43 J	<	<	0.47 J
Acetone	230	240	150	150 E	33
Isopropyl (Alcohol	4.8 J	4 J	3.6 J	3.0 J	18
Carbon Disulfide	22	11	3.0	9.8	<
Methylene Clhoride	2.9	<	<	<	<
tert-Butyl Alcohol	33	30	12 J	12 J	<
Methyl tert-Butyl Ether	<	<	3.9	<	<
n-Hexane	17	13	<	1.1 J	1.7 J
1,1-Dichloroethane	5.2	<	<	<	<
Methyl Ethyl Ketone (2-Butanone)	11	13	4.8	5.0	10
cis-1,2-Dichloroethene	0.37	<	<	<	<
Chloroform	0.62 J	<	<	<	<
1,1,1-Trichloroethane	56	<	<	<	<
Cyclohexane	14	7.9	1.7	0.53 J	1.7
Carbon Tetrachloride	<	0.21 J	<	0.255	0.33
2,2,4-Trimethylpentane	1.7	0.5 J	<	<	0.59 J
Benzene	12	5	1.4	0.86	0.39 J
n-Heptane	17	5.3	1.2	1.4	1.3
Trichloroethene	6.7	1.3	1.4	<	<
4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	<	1 J	<	<	2.2
Toluene	28	13	4.9	4.8	2.1
Tetrachloroethene	11	3	2.9	0.34 J	0.5 J
Methyl Butyl Ketone (2-Hexanone)	2.2	2.2	1.0 J	1.6 J	3.0
Ethylbenzene	2.4	0.79 J	0.43 J	<	<
m,p-Xylene	3.7	2.4	1.2 J	1.0 J	1.4 J
o-Xylene	1	0.81 J	<	<	0.42 J
Styrene	0.31 J	0.41 J	0.15 J	0.18 J	0.15 J
4-Ethyltoluene	<	0.26 J	<	<	<
1,3,5-Trimethylbenzene	0.26 J	0.31 J	<	<	<
1,2,4-Trimethylbenzene	0.79 J	0.93 J	0.27 J	0.42 J	0.55 J
4-Isopropyltoluene	0.24 J	0.24 J	<	0.46 J	0.79 J
1,3-Dichlorobenzene	3.1	1.9	1.2	1.3	<

Notes:

Concentrations in micrograms per cubic meter (ug/m^3)

< indicates the concentration was not detected above the reporting limit

J indicates an estimated value

TABLE 7
REMEDIAL COST ESTIMATE
ALTERNATIVE 2: RESTRICTED RESIDENTIAL TRACK 4 CLEANUP
145 GANSON STREET, BUFFALO, NEW YORK

Item		Estimated Quantity		Unit Cost		Estimated Total
Task 1: Institutional Controls						
Placement of Environmental Easement		1	each	$10,000	lump sum	$10,000
Preparation of Site Management Plan		1	each	$4,300	lump sum	$4,300
				Institutional Controls Subtotal:		*$14,300*
Task 2: Building 2 Demolition						
Regulated Building Material Abatement, Air Monitoring, Demolition		1	lump Sum		lump sum	*$170,000*
				Building Demolition Subtotal:		*$170,000*
Task 3: Soil Cover System						
New Buildings	Building Concrete Slab (12 inches) [1]	20,000	ft^2	$24	ft^2	$470,000
	Displaced Soil Export and Disposal [2]	630	ton	$55	ton	$34,650
	Vapor Barrier	20,000	ft^2	$0.41	ft^2	$8,200
	Active Sub-Slab Depressurization System	20,000	ft^2	$2.50	ft^2	$50,000
Asphalt Parking	Asphalt/#2 Crushed Stone (12 inches) [3]	250,696	ft^2	$5	ft^2	$1,253,480
	Displaced Soil Export and Disposal [4]	7,891	ton	$55	ton	$434,005
Landscaped	Hydroseed	34,206	ft^2	$0.20	ft^2	$6,841
	Topsoil (12 Inches)	1,267	yd^3	$48	yd^3	$60,816
	#2 Crushed Stone (12 Inches)	1,267	yd^3	$45	yd^3	$57,015
	Displaced Soil Export and Disposal [5]	1,076	ton	$55	ton	$59,180
Demarcation Layer		304,902	ft^2	$0.05	ft^2	$15,245
Air & Construction Monitoring [6]		3	month	$24,000	month	$72,000
		Scenario 1: Soil Cover System Subtotal Excluding Soil Export/Disposal Subtotal [7, 8]				*$1,993,597*
		Scenario 2: Soil Cover System Subtotal Including Soil Export/Disposal Subtotal [7, 9]				*$2,521,432*
Task 4: Targeted Soil Removal Proximate SB-2 & SB-25						
Soil Excavation & Disposal		1,800	tons	$55	ton	*$99,000*
Groundwater Management, Storage, and Transport		1	lump sum	$10,000	lump sum	*$10,000*
Groundwater Disposal		3,000	gallon	$0.95	gallon	*$2,850*
Confirmatory Soil Sampling/Waste Characterization		1	lump sum	$11,000	lump sum	*$11,000*
				Targeted Soil Removal Subtotal [10]		*$122,850*
Task 5: Oil-Water Separator Removal/Closure						
Excavator, Labor, and Equipment		1	lump sum	$20,000	lump sum	*$20,000*
Liquid/Sediment Management and Transport		1	lump sum	$5,000	lump sum	*$5,000*
Liquid/Sediment Disposal		1,000	gallons	$0.95	gallon	*$950*
Concrete Disposal		40	ton	$23	ton	*$920*
				Oil-Water Separator Removal/Closure Subtotal [10]		*$26,870*
Task 6: Additional Capital Costs						
Civil Site Design						$50,000
Scenario 1 Contingency (20%) [11]						$462,663
Scenario 2 Contingency (20%) [11]						$568,230
				Scenario 1 Additional Capitol Costs Subtotal [7, 8]		*$512,663*
				Scenario 2 Additional Capitol Costs Subtotal [7, 9]		*$618,230*
Task 7: Reporting						
Remedial Action Workplan		1	each	$7,000	lump sum	$7,000
Final Engineering Report		1	each	$7,000	lump sum	$7,000
				Reporting Subtotal:		*$14,000*
Operation Maintenance & Monitoring (OM&M) Cost						
Annual Certification (30 Years)		30	each	$3,000	year	$90,000
				OM&M Subtotal:		*$90,000*
				Scenario 1 Estimated Total Project Cost [8]		**$2,944,281**
				Scenario 2 Estimated Total Project Cost [9]		**$3,577,683**

Notes/Assumptions:

[1] Unit rate includes costs for geotextile fabric, six inches of stone, and six inches of concrete pad (building slab). Excludes cost for foundation/footer components.

[2] Assumes that six inches of soil will require displacement, and that the constructed Building Concrete Slab final elevation can be six inches above the existing grade.

[3] Unit rate includes cost for geotextile fabric, eight inches of stone, 2.5 inches of asphalt binder, and 1.5 inches of asphalt top.

[4] Assumes six inches of soil will require displacement, and that the constructed asphalt parking final elevation can be six inches above the existing grade.

[5] Assumes that six inches of soil will require displacement, and that the constructed Landscaped final elevation can be 18 inches above the existing grade.

[6] Air monitoring and construction monitoring costs will be determined based on the clients project schedule, site conditions, actual personnel needs.

[7] As civil site design and geotechnical assessment of the Site is outstanding, it is unknown whether final site design will require export and landfill disposal of site soil, or whether site soil displaced during construction may be reused on-site.

[8] Scenario 1 assumes that final project/civil design will not require export of soil from the Site for landfill disposal.

[9] Scenario 2 assumes that final project/civil design will require export of a moderate volume of soil from the Site for landfill disposal. Should export of soil from the Site for landfill disposal be required, the volume of soil exported will be dependent on actual site conditions and final project/civil site design.

[10] Assumes that construction and air monitoring will be completed concurrent with Task 3. If completed independent of Task 3, additional cost will be incurred.

[11] Contingency of 20% calculated using total for Task 2 through Task 5.

This cost estimate excludes New York State sales tax.

The above remedial cost estimate is for project planning only. Final remedial cost will be determined based on actual site conditions and the final Site design which is outstanding. Soil volume displacement estimates and soil disposal costs assume that placement of cover systems will require displacement and export of an equal volume of material placed to construct the cover system. Actual soil displacement and export volumes will be dependent on final site design, whether soil can be reincorporated into the site, and the appropriate final site elevations.

ft^2 = square foot

yd^3 = cubic yard

TABLE 8
REMEDIAL COST ESTIMATE
ALTERNATIVE 3: COMMERCIAL TRACK 4 CLEANUP
145 GANSON STREET, BUFFALO, NEW YORK

Item		Estimated Quantity	Unit Cost	Estimated Total
Task 1: Institutional Controls				
Placement of Environmental Easement		1 each	$10,000 lump sum	$10,000
Preparation of Site Management Plan		1 each	$4,300 lump sum	$4,300
			Institutional Controls Subtotal:	*$14,300*
Task 2: Building 2 Demolition				
Regulated Building Material Abatement, Air Monitoring, Demolition		1 lump sum	$170,000 lump sum	*$170,000*
			Building Demolition Subtotal:	*$170,000*
Task 3: Soil Cover System				
New Buildings	Building Concrete Slab (12 inches) [1]	20,000 ft^2	$24 ft^2	$470,000
	Displaced Soil Export and Disposal [2]	630 ton	$55 ton	$34,650
	Vapor Barrier	20,000 ft^2	$0.41 ft^2	$8,200
	Active Sub-Slab Depressurization System	20,000 ft^2	$2.50 ft^2	$50,000
Asphalt Parking	Asphalt/#2 Crushed Stone (12 inches) [3]	250,696 ft^2	$5 ft^2	$1,253,480
	Displaced Soil Export and Disposal [4]	7,891 ton	$55 ton	$434,005
Landscaped	Hydroseed	34,206 ft^2	$0.20 ft^2	$6,841
	Topsoil (12 Inches)	1,367 yd^3	$48 yd^3	$65,616
	Displaced Soil Export and Disposal [5]	1,076 ton	$55 ton	$59,180
Demarcation Layer		304,902 ft^2	$0.05 ft^2	$15,245
Air & Construction Monitoring [6]		3 month	$24,000 month	$72,000
		Scenario 1: Soil Cover System Subtotal Excluding Soil Export/Disposal Subtotal [7, 8]		*$1,941,382*
		Scenario 2: Soil Cover System Subtotal Including Soil Export/Disposal Subtotal [7, 9]		*$2,469,217*
Task 4: Targeted Soil Removal Proximate SB-2 & SB-25				
Soil Excavation & Disposal		1,800 tons	$55 ton	*$99,000*
Groundwater Management, Storage, and Transport		1 lump sum	$10,000 lump sum	*$10,000*
Groundwater Disposal		3,000 gallon	$0.95 gallon	*$2,850*
Confirmatory Soil Sampling/Waste Characterization		1 lump sum	$11,000 lump sum	*$11,000*
			Targeted Soil Removal Subtotal [10]	*$122,850*
Task 5: Oil-Water Separator Removal/Closure				
Excavator, Labor, and Equipment		1 lump sum	$20,000 lump sum	*$20,000*
Liquid/Sediment Management and Transport		1 lump sum	$5,000 lump sum	*$5,000*
Liquid/Sediment Disposal		1,000 gallons	$0.95 gallon	*$950*
Concrete Disposal		40 ton	$23 ton	*$920*
			Oil-Water Separator Removal/Closure Subtotal [10]	*$26,870*
Task 6: Additional Capital Costs				
Civil Site Design				$50,000
Scenario 1 Contingency (20%) [11]				$452,220
Scenario 2 Contingency (20%) [11]				$557,787
			Scenario 1 Additional Capitol Costs Subtotal [7, 8]	*$502,220*
			Scenario 2 Additional Capitol Costs Subtotal [7, 9]	*$607,787*
Task 7: Reporting				
Remedial Action Workplan		1 each	$7,000 lump sum	$7,000
Final Engineering Report		1 each	$7,000 lump sum	$7,000
			Reporting Subtotal:	*$14,000*
Task 8: Operation Maintenance & Monitoring (OM&M) Cost				
Annual Certification (30 Years)		30 each	$3,000 year	$90,000
			OM&M Subtotal:	*$90,000*

Scenario 1 Estimated Total Project Cost [8] $2,881,623
Scenario 2 Estimated Total Project Cost [9] $3,515,025

Notes/Assumptions:

[1] Unit rate includes costs for geotextile fabric, six inches of stone, and six inches of concrete pad (building slab). Excludes cost for foundation/footer components.

[2] Assumes that six inches of soil will require displacement, and that the constructed Building Concrete Slab final elevation can be six inches above the existing grade.

[3] Unit rate includes cost for geotextile fabric, eight inches of stone, 2.5 inches of asphalt binder, and 1.5 inches of asphalt top.

[4] Assumes six inches of soil will require displacement, and that the constructed asphalt parking final elevation can be six inches above the existing grade.

[5] Assumes that six inches of soil will require displacement, and that the constructed Landscaped final elevation can be six inches above the existing grade.

[6] Air monitoring and construction monitoring costs will be determined based on the clients project schedule, site conditions, actual personnel needs.

[7] As civil site design and geotechnical assessment of the Site is outstanding, it is unknown whether final site design will require export and landfill disposal of site soil, or whether site soil displaced during construction may be reused on-site.

[8] Scenario 1 assumes that final project/civil design will not require export of soil from the Site for landfill disposal.

[9] Scenario 2 assumes that final project/civil design will require export of a moderate volume of soil from the Site for landfill disposal. Should export of soil from the Site for landfill disposal be required, the volume of soil exported will be dependent on actual site conditions and final project/civil site design.

[10] Assumes that construction and air monitoring will be completed concurrent with Task 3. If completed independent of Task 3, additional cost will be incurred.

[11] Contingency of 20% calculated using total for Task 2 through Task 5.

This cost estimate excludes New York State sales tax.

The above remedial cost estimate is for project planning only. Final remedial cost will be determined based on actual site conditions and the final Site design which is outstanding. Soil volume displacement estimates and soil disposal costs assume that placement of cover systems will require displacement and export of an equal volume of material placed to construct the cover system. Actual soil displacement and export volumes will be dependent on final site design, whether soil can be reincorporated into the site, and the appropriate final site elevations.

ft^2 = square foot

yd^3 = cubic yard

TABLE 9
REMEDIAL COST ESTIMATE
ALTERNATIVE 4: UNRESTRICTED TRACK 1 CLEANUP
145 GANSON STREET, BUFFALO, NEW YORK

Item	Estimated Quantity	Unit Cost	Estimated Total
Task 1: Remedial Construction			
Soil Disposal [1]	115,185 ton	$55 ton	$6,335,175
General Fill [2]	51,706 yd^3	$27 yd^3	$1,396,062
Crushed Stone [3]	10,675 yd^3	$45 ton	$480,375
Top Soil [4]	2,820 ft^2	$48 ft^2	$135,360
Oil-Water Separator Removal/Closure	1 lump sup	$26,870 lump sum	$26,870
Air & Construction Monitoring [5]	6 months	$35,000 month	$210,000
		Remedial Construction Subtotal	*$8,583,842*
Task 2: Additional Capital Costs			
Civil Site Design			$50,000
Contingency (20%)			$1,716,768
		Additional Capitol Costs Subtotal	*$1,766,768*
Task 3: Reporting			
Remedial Action Workplan	1 each	$7,000 lump sum	$7,000
Final Engineering Report	1 each	$7,000 lump sum	$7,000
		Reporting Subtotal	*$14,000*
		Estimated Total Project Cost [8]	**$10,364,610**

Notes/Assumptions:

[1] Assumes excavation and landfill deposal of fill material across the entirety of the Site to an average depth of six feet below the ground surface.

[2] Assumes Site restoration will require import of five feet of general fill to be placed across the entirety of the Site with the exception of beneath the proposed building footprint.

[3] Assumes Site restoration will require placement of six feet of crushed stone beneath proposed building footprint, and eight inches of crushed stone beneath asphalt parking area and synthetic turf.

[4] Assumes Site restoration will require placement of one foot of topsoil across landscaped areas of the Site.

[5] Air monitoring and construction monitoring costs will be determined based on the clients project schedule, site conditions, actual personnel needs.

This cost estimate excludes New York State sales tax.

The above remedial cost estimate is for project planning only. Final remedial cost will be determined based on actual site conditions and the final Site design which is outstanding.

Cost estimate excludes costs for design and installation of shoring systems.

ft^2 = square foot

yd^3 = cubic yard

APPENDIX 1: CORRESPONDENCE

Koons, Andrew

From: Vaccaro, Joshua M (DEC) <Joshua.Vaccaro@dec.ny.gov>
Sent: Monday, August 15, 2022 8:46 AM
To: Zebrowski, Adam
Cc: Janik, Andrew; Michael Conroe; Justin Earl; John J. Koeppel; Thomas B. Hughes; Michael L. Nisengard; Martin L. Doster, P.E.; Mcpherson, Benjamin J (DEC)
Subject: [Ext] RE: NYSDEC BCP # C915357, 145 Ganson St., Buffalo, NY
Attachments: Pages from DARFT_C915357_RIWP_December 2019_SampleSummary.pdf

Good Morning Adam,

Thank you for reaching out regarding the 145 Ganson Street site. To follow-up on our call from this past Friday, please see the responses below regarding the two items that were discussed:

- It would be acceptable to reduce the PFAS sample frequency to be consistent with the previous draft version of the RIWP. Attached along with this email is a table that details the PFAS sample frequency proposed in the previous version of the RIWP.
- Based on the existing environmental data, significant contamination has not been identified within or below the structure located at the site. Therefore, the Department would not incorporate building demolition into the scope of this work plan. The investigation of asbestos, asbestos contaminate material, and lead-based paint should follow applicable state, federal and local guidance and regulations. If a hazardous building material survey is conducted, please provide the results to the Department so we can document this information into our site file.

If you have any questions regarding these matters please feel free to give me a call at (716) 541-9657. Additionally, prior to the start of any field work please provide the Department with at least 7-days notice.

Thank you,
-Josh

Joshua M. Vaccaro
Division of Environmental Remediation

New York State Department of Environmental Conservation
700 Delaware Ave. Buffalo, NY 14209
P: (716) 541-9657| F: (716) 851-7226
joshua.vaccaro@dec.ny.gov

From: Zebrowski, Adam <AZebrowski@LaBellaPC.com>
Sent: Wednesday, August 10, 2022 11:48 AM
To: Vaccaro, Joshua M (DEC) <Joshua.Vaccaro@dec.ny.gov>
Cc: Janik, Andrew <ajanik@LaBellaPC.com>; Michael Conroe <michael@elev8architecture.com>; Justin Earl <justin@jbearlco.com>; John J. Koeppel <jkoeppel@lippes.com>; Thomas B. Hughes <thughes@lippes.com>; Michael L. Nisengard <mnisengard@lippes.com>; Martin L. Doster, P.E. <mdoster@lippes.com>
Subject: NYSDEC BCP # C915357, 145 Ganson St., Buffalo, NY

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Josh:

I hope you are well. I just left you a voice message on your office phone.

As per my voice message, LaBella has been retained by SpotOn Legacy LLC to implement the Remedial Investigation Work Plan (RIWP) revised June 2020 prepared for the above Site. We intend on commencing RI site work September 6, 2022 and anticipate that the RI work will require approximately 2-weeks to complete in its entirety. In preparing for the RI work, I wanted to connect with you on a few items outlined below.

- Based on the contents of the Letter dated June 8, 2020 prepared by Benchmark Environmental Engineering & Science, PLLC (Benchmark) which accompanied the Remedial Investigation Work Plan (RIWP) revised June 2020, the NYSDEC provided the below comment (Comment #4) on May 7, 2020 related a prior version of the RIWP.

  The work plan states that "Select samples will be analyzed for and expanded list of parameters including TCL plus CP-51 List VOCs plus TICs, PCBs, pesticides, herbicides, 1,4-dioxane and PFAS." As shown on Table 3, only 12 of the 34 sub-surface sample locations will be analyzed for VOCs and 13 of the 34 sub-surface sample locations will be analyzed for metal/PCBs. Additional sub-surface samples should be analyzed for VOCs, metals, and PCBs.

  Although the NYSDEC's comment above generally requested additional sampling for VOCs, metals, and PCBs, per the contents of Benchmarks June 8, 2020 response letter and the related Table 3, it appears that Benchmark voluntarily elected to add an additional 5-6 subsurface soil samples for 1,4-dioxande and PFAs. As 1,4-dioxande and PFAs have not been identified as a contaminant of concern at this site at this time, and it appears that additional 1,4-dioxande and PFAs subsurface sampling were not requested by the NYSDEC, LaBella formally requests that the number subsurface soil samples submitted for 1,4-dioxande and PFAs be reduced to be consistent with the previous RIWP.

- As is detailed within Section 1.0 within the RIWP revised June 2020, redevelopment of the Site is anticipated to include demolition of the existing buildings located at the Site (Site Building 1 and Site Building 2). It should be noted that RIWP revised June 2020 did not include a scope of work to perform a pre-demolition hazardous building material survey. If a pre-demolition hazardous building material survey was desired to be completed as part of the RI, would such require submission of a revised RIWP delaying the September 6 start date, or could such be added to the RIWP scope of work as an addendum to the RIWP?

Thanks and have a great day!

Sincerely,

Adam Zebrowski
LaBella Associates | Great Lakes Regional Business Development Manager

716-536-1753 **cell**
716-840-2548 **direct**
716-551-6281 **office**
300 Pearl Street, Suite 130
Buffalo, NY 14202
labellapc.com

CAUTION: This email originated from outside the LaBella organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TABLE 3

SUMMARY OF SAMPLING AND ANALYTICAL PROGRAM

WORK PLAN FOR REMEDIAL INVESTIGATION

145 GANSON STREET SITE

BUFFALO, NEW YORK

Location	Number of Planned Locations	Matrix	Parameter[1]							
			Full List VOCs + 10 TICs[2, 3]	TCL SVOCs + 20 TICs[3]	TAL Metals[4]	PCBs	Pesticides	Herbicides	1,4-Dioxane[5,6]	PFAS[6]
RI Soil/Fill										
Surface Soil	3	Soil/Fill		3	3	1	1	1	1	1
Test Pits	24	Soil/Fill	8	24	24	8	8	8	8	8
Soil Borings (6 MWs)	10	Soil/Fill	4	10	10	4	4	4	4	4
Blind Duplicate	--	Soil/Fill	1	2	2	1	1	1	1	1
MS	--	Soil/Fill	1	2	2	1	1	1	1	1
MSD	--	Soil/Fill	1	2	2	1	1	1	1	1
		TOTAL SOIL SAMPLES: (excluding QA/QC)	**12**	**37**	**37**	**13**	**13**	**13**	**13**	**13**
RI Groundwater[7]										
Monitoring Wells (6 Planned, 2 Existing)	8	Groundwater	8	4	4	4	4	4	4	4
Blind Duplicate	--	Groundwater	1	1	1	1	1	1	1	1
MS	--	Groundwater	1	1	1	1	1	1	1	1
MSD	--	Groundwater	1	1	1	1	1	1	1	1
Equipment Blank	--	Water								1
Field Blank	--	Water								1
Trip Blank	--	Water	1							
		TOTAL GROUNDWATER SAMPLES: (excluding QA/QC)	**8**	**4**	**4**	**4**	**4**	**4**	**4**	**4**

Notes:

1. Analyses will be performed via USEPA SW-846 methodology with equivalent Category B deliverables package.
2. Full List VOCs = TCL plus CP-51 List VOCs via Method 8260. Additional soil/fill samples will be collected for VOC analysis at investigation locations if elevated PID readings are detected in the field.
3. Tentatively Identified Compounds (TICs) will be analyzed per DER-10 for the RI samples.
4. Groundwater samples will be filtered in the laboratory for dissolved metals analysis.
5. 1,4-Dioxane will be analyzed in soil and groundwater samples; soil samples to be analyzed using EPA Method 8270 and groundwater samples to be analyzed using EPA Method 8270 SIM per NYSDEC guidelines.
6. PFAs (EPA Method 537) and 1,4-dioxane (EPA Method 8270 SIM) to be analyzed in two up-gradient wells and two down-gradient wells; wells to be determined based on groundwater isopotential map, in consultation with the Department.
7. GW field parameters including: pH, specific conductance, temperature, DO, ORP, and turbidity will be collected and recorded.

Acronyms:

VOCs = Volatile Organic Compounds
PFAS = Perfluoroalkyl Acids
SVOCs = Semi-Volatile Organic Compounds
TCL = Target Compound List
TICs = Tentatively Identified Compounds.
TAL = Target Analyte List
PCBs = Polychlorinated Biphenyls

From:	Zebrowski, Adam
To:	Keller, Michael J (DEC)
Cc:	Vaccaro, Joshua M (DEC); Joe Carubba; mdoster@lippes.com; Janik, Andrew
Subject:	RE: [Ext] RE: 20240702_C915357_145 Ganson_Geophysical Survey and AST Removal WP Approval Letter
Date:	Wednesday, October 9, 2024 3:01:00 PM
Attachments:	IMG_9126.jpg image001.png image004.png image005.png

---

Michael:

I hope you are well. Just wanted to touch base on the below email chain and provide an update on the AST removal.

- The AST removal was completed yesterday October 8. What appears to be limited stained soil was observed under the west portion of the AST subsequent removal (see attached photo). The staining does not appear to be significant; however, we plan to evaluate the nature of the staining as is further detailed below.
- Per the below September 9th email, we proposed completion of a series of test pits to evaluate the source of Anomaly 3. We currently have the test pit investigation to assess Anomaly 3 scheduled for next week Thursday October 17. I am recommending that we complete the following concurrent with the test pit work scheduled for October 17.
    - Collect one near surface soil sample for CP-51 VOCs and SVOCs from the stained area located adjacent the former AST fill port as previously agreed upon.
    - Advance one shallow test pit excavation to assess the vertical extent of the staining located beneath the west portion of the former AST and collect one soil sample for CP-51 VOCs and SVOCs.
    - Should the vertical extent of the staining be limited to proximate the ground surface, additional test pits will not be advanced.
    - Should the vertical extent of the staining extend beyond the ground surface, additional test pits will be advanced in attempt to evaluate the horizontal extent of the impact. At least one soil sample will be collected for CP-51 VOCs and SVOCs from each additional test pit.
    - The test pit investigation completed to assess both Anomaly 3 and the stained soil located beneath the AST will be limited to what can be completed within one 8-hour business day.
    - The test pit investigation will be completed utilizing methods consistent with the June 2020 Remedial Investigation Work Plan. The results of the test pit investigation will be summaries within the revised RI/AA Report.

Let me know if you have any questions.

Thanks,

Adam Zebrowski
LaBella Associates | Vice President
Great Lakes Regional Business Development Manager
716-536-1753 **cell**
716-840-2548 **direct**
716-551-6281 **office**
azebrowski@labellapc.com

From: Zebrowski, Adam
Sent: Monday, September 9, 2024 9:39 AM
To: Keller, Michael J (DEC) <Michael.Keller@dec.ny.gov>
Cc: Vaccaro, Joshua M (DEC) <Joshua.Vaccaro@dec.ny.gov>; Joe Carubba <joe@carubba.com>; mdoster@lippes.com; Janik, Andrew <ajanik@LaBellaPC.com>
Subject: RE: [Ext] RE: 20240702_C915357_145 Ganson_Geophysical Survey and AST Removal WP Approval Letter

Michael:

I hope you are well. As you know, LaBella Associates, D.P.C. (LaBella) submitted a draft Remedial Investigation and Remedial Alternatives Analysis Report (RI/AA Report) to the NYSDEC on November 30, 2023. Subsequently, the NYSDEC provided comments related to the draft RI/AA Report summarized within a Report Comments letter dated March 28, 2024. Comment 22 contained within the Report Comments letter reported that further investigation is necessary related to potential "sub-surface tanks" and "unknown piping" at the Site. As such, to further assesses the potential for orphaned underground storage tanks (USTs) at the Site, LaBella complete a geophysical survey at the Site, the results of which is summarized within the attached Geophysical Engineering Survey Report. Based on the contents of the Geophysical Engineering Survey Report and the collective environmental information gathered for the Site thus far, LaBella concludes the following.

1. The geophysical survey did not identify anomalies consistent with underground storage tanks (USTs). As such, further assessment of the Site for the potential for orphaned USTs does not appear warranted at this time.
2. The geophysical survey evaluated the nature of the "existing pipe of unknown nature" depicted within the attached Figure 2. As observed by LaBella during previous site visits, the "existing pipe of unknown nature" protrudes from the east exterior wall of Building 1, then travels vertically along the east interior wall of Building 1 entering the interior concrete floor. Based on the results of the geophysical survey, it appears that the "existing pipe of unknown nature" may be associated with an oil-water separator located beneath the northeast portion of Building 1 and may also be connected to an adjacent trench drain located within Building 1. It should be noted that soil borings SB-20W and SB-23 advanced adjacent to the location of the potential oil-water separator did not identity field evidence of impact (i.e., odors, staining, elevated PID readings) or contaminants exceeding Part 375 Residential or Commercial Soil Cleanup Objectives with the exception of Manganese, Arsenic, and Lead.
3. Three geophysical anomalies were identified on the exterior of the Site. Although the nature of

the anomalies cannot be confirmed, the anomalies appear to be consistent with disturbed soil and backfill. Further detail related to each geophysical anomaly is summarized below.

a. A geophysical anomaly was identified south of Building 1, hereinafter referred to as "Anomaly 1". The location of Anomaly 1 is consistent with the known location of historical UST's and a pump island detailed within the attached Figure 2 extracted from the Phase II ESA. As such, Anomaly 1 is likely related to the presence of backfill or disturbed soil associated with previous UST and pump island closure activity, and further exploratory excavation to confirm the source of Anomaly 1 does not appear warranted at this time. Subsurface conditions proximate Anomaly 1 have been assessed and detailed discussion related to the collective subsurface conditions proximate Anomaly 1 will be reserved for the revised RI/AA Report.
b. A geophysical anomaly was identified southeast of Building 2, hereinafter referred to as "Anomaly 2" . The location of Anomaly 2 is consistent with the known location of historical UST's detailed within the attached Figure 2 extracted from the Phase II ESA. As such, Anomaly 2 is likely related to the presence of backfill or disturbed soil associated with previous UST closure activity, and further exploratory excavation to confirm the source of Anomaly 2 does not appear warranted at this time. Subsurface conditions proximate Anomaly 2 have been assessed and detailed discussion related to the collective subsurface conditions proximate Anomaly 2 will be reserved for the revised RI/AA Report.
c. A geophysical anomaly was identified east of Building 2, hereinafter referred to as "Anomaly 3" . The location of Anomaly 3 is within the footprint of a historical pipe/tin shop detailed within the attached Figure 2 extracted from the Phase II ESA. Although review of historical Sanborn maps and aerial photography reveal the historical pipe/tin shop was present at the Site between at least 1925 and 1963, and there is the potential that Anomaly 3 may be the result of backfilling that occurred during demolition activities, the source of the Anomaly 3 is unknown. Furthermore, as records detailed within the Phase I ESA indicate that USTs were installed at the Site as late as 1980, Anomaly 3 cannot be ruled out as a potential UST grave. As such, we are proposing a limited test pit investigation (maximum four test pits to a maximum of eight feet below the ground surface) proximate the location of Anomaly 3 to evaluate the source of Anomaly 3 and evaluate the subsurface conditions in this location. The test pit investigation will be completed utilizing methods consistent with the June 2020 Remedial Investigation Work Plan. Collection of soil samples for laboratory analysis from the test pits is not anticipated; however, will be completed should field evidence of impact be encountered. We would like to complete the test pits within the next two weeks. The results of the test pit investigation will be summaries within the revised RI/AA Report. Please let me know if you have any questions or concerns.
d. It should be noted that the locations of historical UST, pump islands, etc. will be added to the Figures contained within the revised RI/AA Report.

Lastly, we are still working with the tenant towards closure of the 10,000-gallon diesel AST. It is our

understanding that the last of the fuel from the AST may be removed as early as today or tomorrow. Once the tenant confirms the closure date for the AST, we will immediately really such to the NYSDEC.

Please let us know if you have any questions related to the above or would like to discuss this further. Thank you and have a great day.

Sincerely,

Adam Zebrowski
LaBella Associates | Vice President
Great Lakes Regional Business Development Manager
716-536-1753 **cell**
716-840-2548 **direct**
716-551-6281 **office**
azebrowski@labellapc.com

From: Zebrowski, Adam <AZebrowski@LaBellaPC.com>
Sent: Thursday, July 11, 2024 1:30 PM
To: Keller, Michael J (DEC) <Michael.Keller@dec.ny.gov>
Cc: Vaccaro, Joshua M (DEC) <Joshua.Vaccaro@dec.ny.gov>; Joe Carubba <joe@carubba.com>; mdoster@lippes.com
Subject: RE: [Ext] RE: 20240702_C915357_145 Ganson_Geophysical Survey and AST Removal WP Approval Letter

Michael:

I hope you are well. The geophysical survey was completed Wednesday June 26th. The date for the AST closure has not been selected; however, based on the date the 30-day notice was submitted to Patrick Diez, the AST closure would occur sometime subsequent August 2.

Thanks,

Adam Zebrowski
LaBella Associates | Vice President
Great Lakes Regional Business Development Manager
716-536-1753 **cell**
716-840-2548 **direct**
716-551-6281 **office**
azebrowski@labellapc.com

From: Keller, Michael J (DEC) <Michael.Keller@dec.ny.gov>
Sent: Thursday, July 11, 2024 9:14 AM
To: Zebrowski, Adam <AZebrowski@LaBellaPC.com>
Cc: Vaccaro, Joshua M (DEC) <Joshua.Vaccaro@dec.ny.gov>
Subject: RE: [Ext] RE: 20240702_C915357_145 Ganson_Geophysical Survey and AST Removal WP Approval Letter

Hey Adam, do you have any dates selected for the geophysical survey and the AST closure yet?

Thanks,

Michael J. Keller, E.I.T.
Project Manager

Division of Environmental Remediation
New York State Department of Environmental Conservation
700 Delaware Ave., Buffalo, NY 14209
P: (716) 851-7218
michael.keller@dec.ny.gov

From: Zebrowski, Adam <AZebrowski@LaBellaPC.com>
Sent: Wednesday, July 3, 2024 2:18 PM
To: Diez, Patrick T (DEC) <Patrick.Diez@dec.ny.gov>
Cc: Vaccaro, Joshua M (DEC) <Joshua.Vaccaro@dec.ny.gov>; Keller, Michael J (DEC) <Michael.Keller@dec.ny.gov>; mdoster@lippes.com; Michael Nisengard (Mnisengard@lippes.com) <Mnisengard@lippes.com>; Joe Carubba <joe@carubba.com>; Janik, Andrew <ajanik@LaBellaPC.com>; gwburnett@aol.com
Subject: FW: [Ext] RE: 20240702_C915357_145 Ganson_Geophysical Survey and AST Removal WP Approval Letter

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Patrick:

I hope you are well. Per our previous conversations, attached is the 30-day notice to close/remove the 10,000-gallon AST located at 145 Ganson Street. As the Site is currently enrolled in the NYSDEC BCP, the attached workplan was shared with Michael Keller which was subsequently accepted by the NYSDEC. We do not have a dates selected for closure of the AST; however, will relay the schedule to you once the closure schedule is established. Feel free to reach out to me with any questions.

Thanks and have a great 4th of July.

Sincerely,

Adam Zebrowski
LaBella Associates | Vice President

Great Lakes Regional Business Development Manager
716-536-1753 **cell**
716-840-2548 **direct**
716-551-6281 **office**
azebrowski@labellapc.com

From: Slonecker, Deborah (DEC) <Deborah.Slonecker@dec.ny.gov>
Sent: Tuesday, July 2, 2024 2:41 PM
To: joe@carubba.com
Cc: Caprio, Andrea (DEC) <Andrea.Caprio@dec.ny.gov>; Mcpherson, Benjamin J (DEC) <benjamin.mcpherson@dec.ny.gov>; Vaccaro, Joshua M (DEC) <Joshua.Vaccaro@dec.ny.gov>; Keller, Michael J (DEC) <Michael.Keller@dec.ny.gov>; Scholand, Gregory P (DEC) <Gregory.Scholand@dec.ny.gov>; Zebrowski, Adam <AZebrowski@LaBellaPC.com>; mdoster@lippes.com; mnisengard@lippes.com
Subject: [Ext] RE: 20240702_C915357_145 Ganson_Geophysical Survey and AST Removal WP Approval Letter

This email copies you in on correspondence from the New York State Department of Environmental Conservation, Division of Remediation. A hard copy will not follow in the mail. Please contact Debbie Slonecker at (716) 851-7130 if you experience problems with this transmission.

Debbie Slonecker
Office Assistant 1, Regional Administration

PLEASE NOTE THE NEW OFFICE ADDRESS BELOW FOR THE REGION 9 HEADQUARTERS, ALL PHONE NUMBERS AND EMAILS HAVE REMAINED THE SAME

New York State Department of Environmental Conservation
700 Delaware Avenue, Buffalo, NY 14209
P: (716) 851-7130 | F: (716) 851-7009| deborah.slonecker@dec.ny.gov
www.dec.ny.gov |

CAUTION: This email originated from outside the LaBella organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

June 17, 2024

Mr. Michael Keller
New York State Department of Environmental Conservation
Region 9
700 Delaware Avenue, Buffalo, New York 14209

Re: 145 Ganson Street Site, Site No. C915357
Import Request Form and Documentation

Dear Mr. Keller:

During the site walk with the NYSDEC on May 30, 2024 at the above Site, you inquired as to the source and nature of one stone pile located along the west property boundary adjacent to Ganson Street. After evaluating with the Site tenant, Mr. Eric Bauer of GW Burnett, it appears that the stone (mixed #1 & #2 stone) was imported to the Site by GW Burnett in August 2020 from New Enterprise Stone & Lime without processing a formal import request with the NYSDEC. As such, for the NYSDEC's consideration, GW Burnett has retrieved the documentation related to the stone which is included with the accompanying formal import request. It should be noted that it is GW Burnett's intention to export the material to another yet to be determined location which will be processed through a supplement formal export request at the appropriate time.

Respectfully submitted,

LaBella Associates



Andy Janik, PG
Project Manager

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Commercial or Industrial Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? 0-50

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? yes

Does it contain less than 10%, by weight, material that passes a size 100 sieve? yes

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

Approximately 39.51 ton of Mixed #1&#2 washed stone was delivered to the site for general use on 8/24/20. Being clean stone, this material was not sampled. A gradation sheet for this material has been provided.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

New Enterprise Stone & Lime Co., Inc.

Location where fill was obtained:

500 Como Park Blvd.

Identification of any state or local approvals as a fill source:

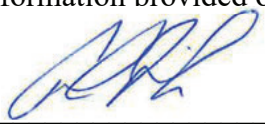
New Enterprise Stone & Lime Co., Inc. - NYS Source Number 5-3R

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Provide a list of supporting documentation included with this request:

Attached

The information provided on this form is accurate and complete.



Signature

6/17/24

Date

Andy Janik

Print Name

LaBella

Firm

Revised April 2023

NEW ENTERPRISE STONE & LIME CO., INC.

500 Como Park Boulevard • Buffalo NY 14227

Office: (716) 826-7310
Fax: (716) 826-1342
Dispatch: (716) 566-9690

June 10, 2024

Chris Finn
LaBella Associates DPC
300 State St. Ste 201
Rochester, NY

Re: Parking Lot Abandoned Building
Ganson St.

Dear Chris

We certify the aggregates we supply on the subject project meet the New York State Department of Transportation Specification and Gradations as follows:

#1 & #2 Stone Mixed	
Sieve Size	Percent Passing
1 1/2"	100
1"	93-100
1/2"	27-58
1/4"	0-8

Our New York State Source Number at our Wehrle Drive location is 5-3R.

We trust this meets with your approval.

Sincerely,

Curt Resetarits
Vice President, Sales

CR:VB

ORDER NO.	TICKET NUMBER	SCALE	AUTO/MANUAL	DATE	TIME
1000259467	50248518	1	W	08/24/2020	2:21 pm

SOLD TO:
Credit Card Sales

, PA 16664-

CUSTOMER: 34805
PHONE: 716-866-4700
PO #: GW BURNETT-21

SHIP TO:

QUOTE:
STATE: NY
ZONE:

PRODUCT ID	PRODUCT DESCRIPTION
259398	STONE, NY #1&2

JOB NAME / LOCATION
GW BURNETT-21

Item

JOB REQUIRED NUMBERS
COUNTY: ERIE GW BURNETT-21

TAG NO.	AXLES	TRUCK	CARRIER NAME	CARRIER CODE
	0	B00SE27		

FREIGHT PICKUP	FREIGHT COLLECT		ACCUMULATIVE QUANTITIES		PAYMENT METHOD CASH		
US WEIGHT 116,400	58.20 Ton	GROSS	ORDERED 0.00		MATERIAL	25.15	993.68
37,380	18.69 Ton	TARE	TODAY 39.51	LOADS 1	HAUL	0.00	0.00
79,020	39.51 Ton	NET	TODATE 39.51	LOADS 1	ADD'L CHARGES		0.00
39.51		Ton	ACCUMULATED CASH SALE		TAX	8.75 %	86.95

WEIGHED BY
14540

TOTAL THIS LOAD 1,080.63

INSPECTOR'S SIGNATURE

JOB ARRIVAL TIME

JOB DEPARTURE TIME

RECEIVED ABOVE MATERIAL IN GOOD CONDITION. YOUR SIGNATURE OR ACTUAL RECEIPT/DELIVERY ACKNOWLEDGES ACCEPTANCE OF THE CONDITIONS ON THE BACK OF THIS TICKET.

A SERVICE CHARGE NOT TO EXCEED THE MAXIMUM ALLOWABLE BY LAW WILL BE APPL TO ALL AMOUNTS OVER 30 DAYS PAST DUE.

X

APPENDIX 2:
PREVIOUS INVESTIGATIONS

COPY 1

PHASE II ENVIRONMENTAL SITE ASSESSMENT

for

191 GANSON STREET
CITY OF BUFFALO
ERIE COUNTY, NEW YORK

AFI Project H1025

Prepared for:

WASTE MANAGEMENT OF NEW YORK
101 Ontario Street
East Rochester, New York 14445

Prepared by:

AFI ENVIRONMENTAL
6101 Robinson Road
Lockport, New York 14094

December 28, 1994

Printed on recycled paper
to help protect the environment.

TABLE OF CONTENTS

1.0	INTRODUCTION	1
2.0	SITE DESCRIPTION	2
3.0	PREVIOUS STUDIES	3
3.1	PHASE I ENVIRONMENTAL ASSESSMENT	3
3.2	PHASE I CONCLUSIONS	3
4.0	METHODS OF INVESTIGATION	4
4.1	DRILLING, SOIL SAMPLING AND WELL INSTALLATION	4
	4.1.1 GROUNDWATER MONITORING WELLS	4
	4.1.2 SOIL BORINGS	5
	4.1.3 SEDIMENT SAMPLES	5
4.2	WELL DEVELOPMENT	5
4.3	SAMPLE COLLECTION/SCREENING AND ANALYSIS	6
	4.3.1 GROUNDWATER	6
	4.3.2 SOIL	6
4.4	DECONTAMINATION	7
4.5	CONTAINMENT OF WASTES	7
5.0	ANALYTICAL RESULTS	7
5.1	SOIL	7
5.2	GROUNDWATER	8
6.0	CONTAMINATION ASSESSMENT	8
6.1	SOIL	8
6.2	GROUNDWATER	9
7.0	CONCLUSIONS	10
8.0	RECOMMENDATIONS	10

Printed on recycled paper
to help protect the environment.

9.0 LIMITATIONS 11

Printed on recycled paper
to help protect the environment.

LIST OF APPENDICES

APPENDIX A: WELL COMPLETION DIAGRAMS

APPENDIX B: BORING LOGS

APPENDIX C: ANALYTICAL LABORATORY REPORT FOR SOIL SAMPLES

APPENDIX D: ANALYTICAL LABORATORY REPORT FOR GROUNDWATER SAMPLES

Printed on recycled paper
to help protect the environment.

LIST OF FIGURES

FIGURE 1: SITE LOCATION MAP

FIGURE 2: SITE PLAN

FIGURE 3: PHASE II BORING AND MONITORING WELL LOCATIONS

Printed on recycled paper
to help protect the environment.

LIST OF TABLES

TABLE 1: SUMMARY OF FIELD SCREENING RESULTS

TABLE 2: SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES

TABLE 3: SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

Printed on recycled paper
to help protect the environment.

1.0 INTRODUCTION

AFI Environmental was retained by Waste Management to conduct a Phase II Investigation of the property located at 191 Ganson Street in Buffalo, New York. This property was the subject of a Phase I Environmental Site Assessment (ESA), performed by AFI Environmental (AFI), which identified several potential areas of environmental concerns (AEC's). Further investigation was conducted to assess the potential environmental impacts that may have occurred or were related to the AEC's. Specifically, AFI identified several AEC's which include, but may not be limited to, the following:

- Numerous petroleum stained areas both in the garage areas and the staging/parking areas;
- Soils in and around the area of the former gasoline underground storage tank (UST) were never sampled and analyzed to confirm that no leakage had occurred from the UST.
- The fill materials utilized to backfill the dry docks north of the site, have been shown to contain elevated levels of VOCs, PCBs and metals. Additionally, groundwater in this area has also been shown to contain elevated levels of acetone, methylene chloride and metals.
- Potential impacts on the site from contaminants in the Buffalo River.
- Potential impacts on the site due to contaminants released on the adjacent properties.
- Potential discharges, including petroleum products and other vehicle operational and maintenance products, into the combined sanitary/storm sewers on site.
- Historical uses of the property for industrial purposes.
- Potential impact to the soils and stormwater sewers in and around the staging areas from leakage of leachate from trucks and roll-offs during routine operations.

The Phase II investigation of the project site was conducted to assess whether the identified AEC's have resulted in environmental impacts on the site and to characterize groundwater beneath the site. The field aspects of this investigation involved the drilling of test borings, the installation of monitoring wells and the collection of soil and groundwater samples. Soil and groundwater samples obtained during this field program were submitted for chemical analyses to enable an evaluation of site conditions relative to regulatory policy. AFI has prepared this *Phase II Investigation Report* to summarize the field investigation; present the results of the chemical analysis of soil and groundwater samples; evaluate the analytical data

Printed on recycled paper
to help protect the environment.

with respect to applicable regulatory standards and/or guidance values; and to identify potential sources of contamination. No attempt was made to determine the actual boundaries of contamination, if found.

2.0 SITE DESCRIPTION

Figure 1 graphically depicts the property location on Ganson Street south of the intersection with Michigan Avenue in the City of Buffalo, Erie County, New York, which is included on the Buffalo SE NY - 7.5 minute quadrangle of the United States Geological Survey (USGS). The site is approximately 4.78 acre in size and contains one office building, one repair/maintenance garage, one detached office trailer, and gravel driveways and parking areas. The site is generally flat with a very slight slope to the east towards the Buffalo River. As shown on Figure 1, the elevation of the property is approximately 580 feet above mean sea level. Site drainage is accomplished by means of uncontrolled overland flow from the stone driveway and parking area to the east, and a series of four catch basins located in the north central portion of the site. These catch basins discharge to the Buffalo Sewer Authority combined stormwater/sanitary sewer system.

The site is currently owned by Downing Container Service, Inc. Figure 2 illustrates the current site plan. The property is bounded by Ganson Street to the west, Integrated Waste Systems, Inc. to the north, Roy Track, Inc. to the east, and General Portland, Inc. to the south and east. All the surrounding properties are industrial in nature.

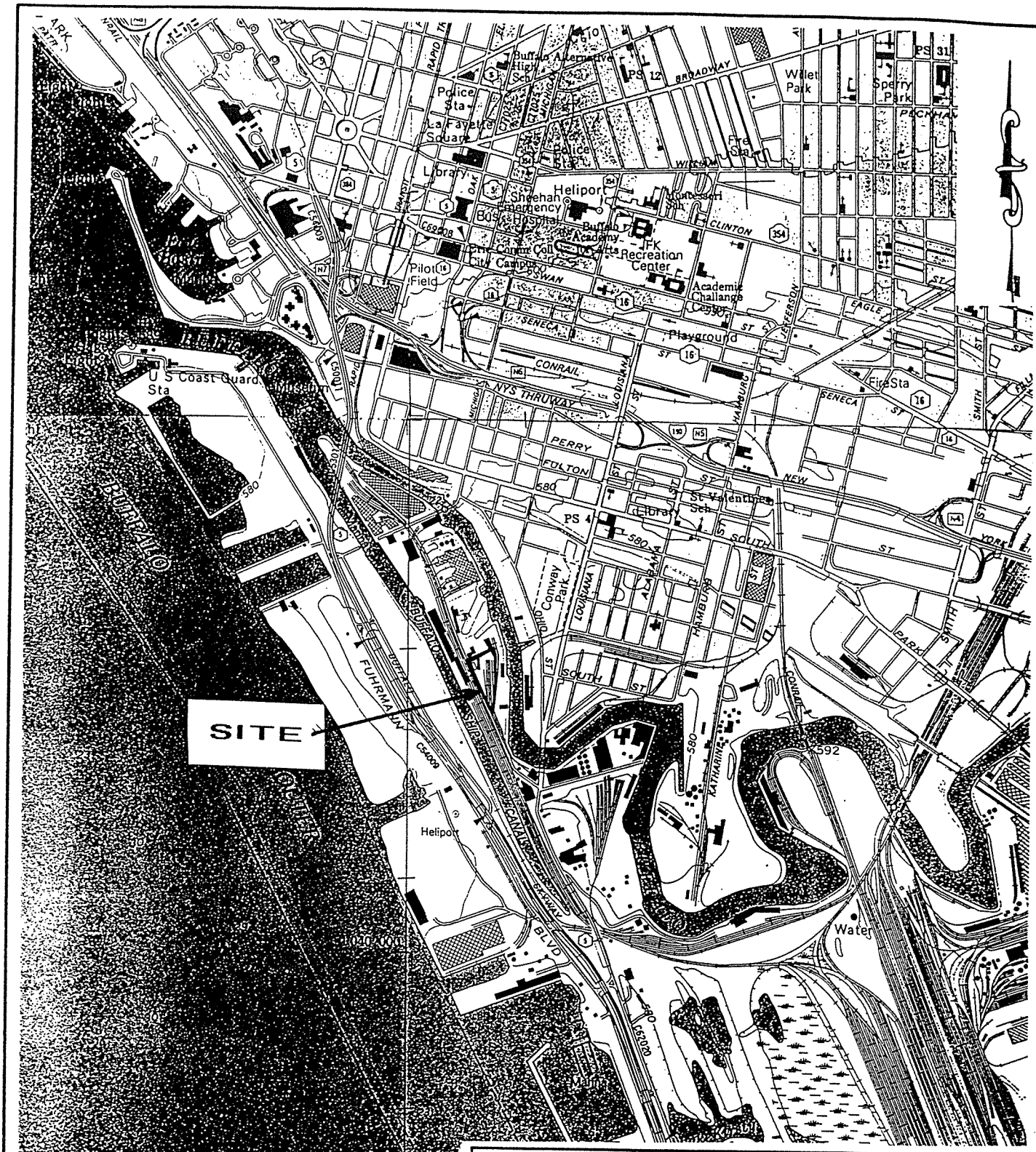
Current zoning maps were not available for the site, however, based on the nature of the businesses in the area, it is presumed that the site and surrounding properties are zoned heavy industrial. The site is serviced by municipal water and a combined sanitary/storm sewer system. Other utilities include natural gas from National Fuel and electric from Niagara Mohawk. The gas is routed to the main building through underground pipes from Ganson Street. Electric is delivered through overhead lines from Ganson Street.

According to the *Soil Survey of Erie County, New York*, the project site is characterized as having urban soils (Ud). This indicates that 80 percent or more of the soil surface is covered by asphalt, concrete, buildings, or other impervious structures. These areas are mostly nearly level to gently sloping.

Groundwater was encountered at the site in each of the monitoring wells. Static water levels measured in the monitoring wells ranged from 2.88 to 8.02 feet below ground surface. Regional groundwater flow direction, inferred from topographic maps, is generally towards the northwest and northeast to the discharge area represented by the Buffalo Ship Canal and the Buffalo River respectively. Local variations in groundwater flow, however, may occur in the site vicinity.

The Federal Emergency Management Association (FEMA) Flood Insurance Rate Map (Panel

Printed on recycled paper
to help protect the environment.



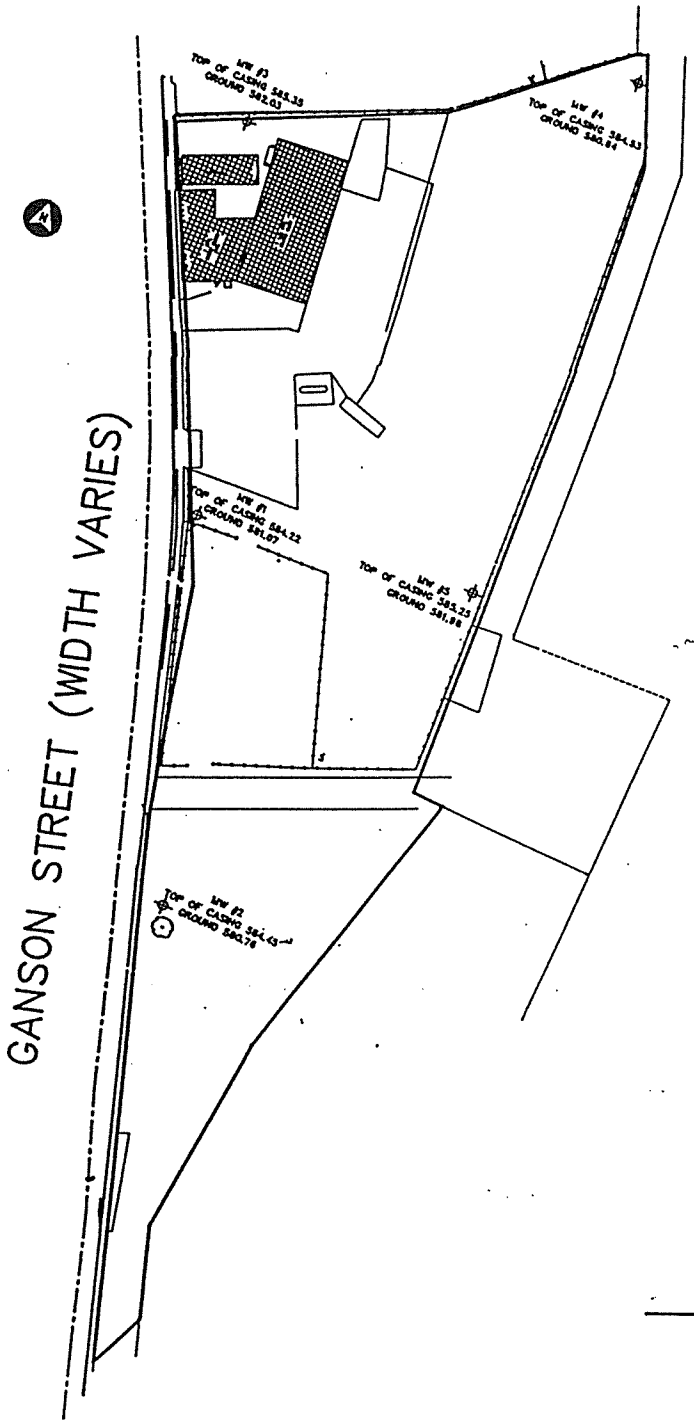
SITE LOCATION MAP

191 GANSON STREET PHASE 1 - ESA

1:24,000 ● PROJECT NO. H1025

AFI ENVIRONMENTAL
6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO. 1



LEGEND

PROPERTY LINE

– MONITORING WELL

ELEVATIONS SHOWN ARE REFERENCED TO NGVD'29

WENDEL

7405 CANAL ROAD, P.O. BOX 501
LOCKPORT N.Y. 14095 716-433-5893 716-625-8228

PART OF LOT		SEC.	TWP.	RNG.
CITY	BUFFALO	DATE	11/14/1994
COUNTY	ERIE, NY	SCALE	1"=100'

SITE PLAN

191 GANSON STREET PHASE 2

● PROJECT NO. H 1025

AFI ENVIRONMENTAL

6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO. 2

No. 360230 0020) was consulted to determine the flooding potential of this site. It was determined that the site is not located within the one-hundred year or five hundred year flood plains of any waterway, with the exception of the extreme southern tip of the property (< 10 percent), which slightly impinges on the five hundred year floodplain of the Buffalo River

3.0 PREVIOUS STUDIES

3.1 PHASE I ENVIRONMENTAL ASSESSMENT

AFI Environmental performed a Phase I Environmental Assessment (ESA) of the project site in September, 1993. This ESA was conducted in accordance with the procedures outlined in American Society for Testing and Materials (ASTM) Practice E1527-93. As a result, the following items were disclosed:

- o There is one RCRIS-TS (Treatment, Storage and Disposal) facility located within 1.0 mile radius of the site. This facility has numerous violations associated with ignitable wastes, heavy metals, and chlorinated solvents.

- o The waste hauling operation occupying the subject property was identified as a RCRIS-LG large quantity generator of the following waste types:

  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).

- o Additionally, one other RCRIS-LG large quantity generator is located within 0.25 mile radius of the site. This site generates the following waste types:

  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).
  - a solid waste that exhibits the characteristic of corrosivity, but is not listed as a hazardous waste (D002).

- o One RCRIS-SG small quantity generator is located within 0.25 mile radius of the site. This site generates the following waste types:

  - spent non-halogenated solvents (F003, F005); and
  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).

- o The site itself is a listed petroleum bulk storage facility. Additionally, two petroleum bulk storage tank sites are located within a 0.25 mile radius of the subject property:

Printed on recycled paper
to help protect the environment.

- There are three LST (Leaking Storage Tanks) sites located within 0.5 mile radius of the subject property.

3.2 PHASE I CONCLUSIONS

In accordance with the conclusions drawn in the Phase I ESA Report, the property owner (Waste Management of New York), in consultation with AFI Environmental, elected to implement a Phase II investigation to examine the subsurface of the subject property. The purpose of the investigation was to determine the presence or absence of contamination on the site.

4.0 METHODS OF INVESTIGATION

The Phase II subsurface investigation was performed during the period of October 23 to November 2, 1994 with supplemental soil sampling conducted on December 6, 1994. This investigation was conducted in accordance with the investigation plan developed by AFI Environmental.

4.1 DRILLING, SOIL SAMPLING AND WELL INSTALLATION

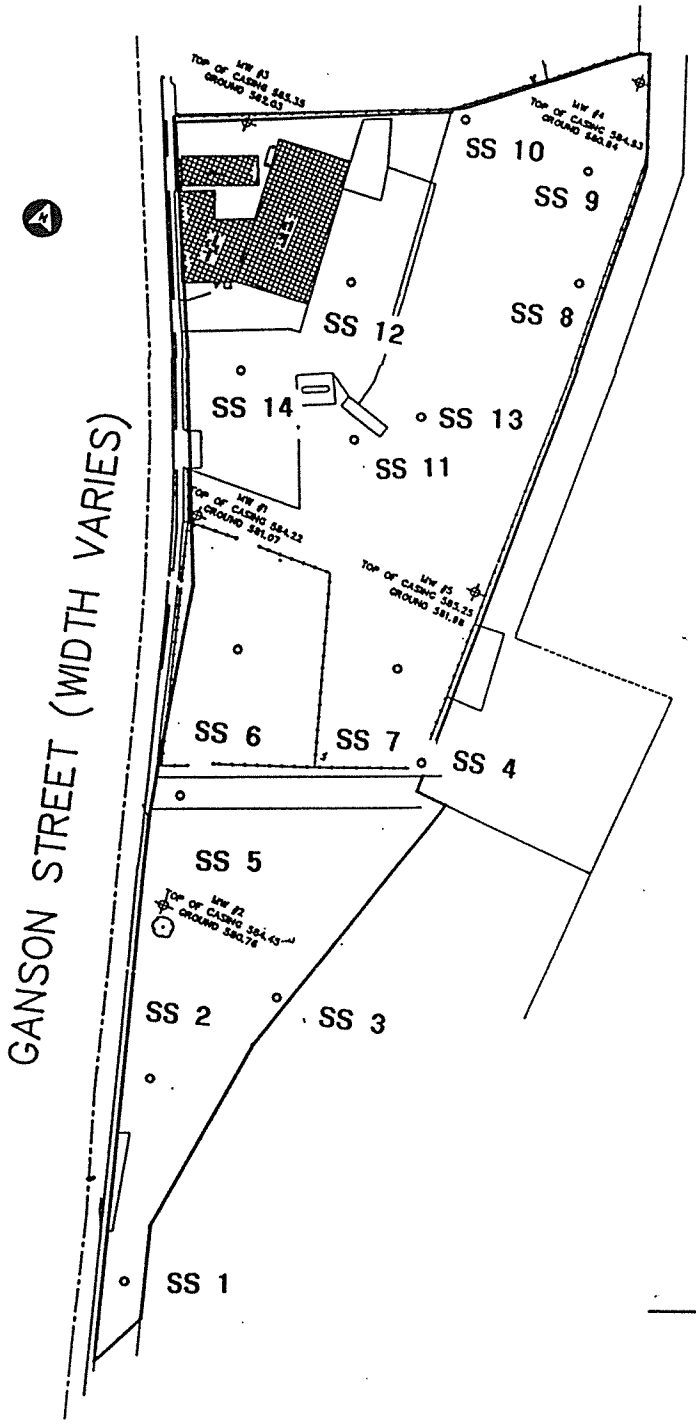
Drilling, soil sampling and well installation procedures employed during this investigation as outlined in the following sections, are consistent with the collection of high quality data for hydrogeologic studies, and were selected based upon the collective experience of AFI Environmental staff and the drilling contractor, Advanced Drilling Investigations (ADI) of Niagara Falls, New York. All field work was directly supervised and documented by a qualified AFI Environmental Geologist, and the methods utilized were intended to minimize the potential for cross contamination. Five (5) groundwater monitoring wells and ten (10) soil borings were completed, and three (3) sediment samples collected at the site, the locations of which are depicted by Figure 3.

4.1.1 GROUNDWATER MONITORING WELLS

Overburden consisted of clayey silt, fine sand, silty sand, silty clay, and silty fine sand that was saturated at approximately 4-7 feet below ground surface. No odor or visual evidence of contamination was noted during drilling operations. The following paragraphs summarize the drilling, installation and design of these wells.

The installation of the wells was performed using a Mobile B-57 Drill Rig to advance 4 1/2" ID hollow-stem augers through unconsolidated geologic materials to a depth of approximately seventeen (17) feet. Soil samples were obtained continuously throughout the total depth of the boring using 2" OD split-barrel samplers in accordance with ASTM-D1586 procedures for Standard Penetration Test (SPT). Auger drilling proceeded with a steel plug inserted at the bottom of the auger stem to prevent material from entering the hollow stem and

Printed on recycled paper
to help protect the environment.



LEGEND

PROPERTY LINE

– MONITORING WELL

ELEVATIONS SHOWN ARE REFERENCED TO NGVD'29

'SOIL SAMPLE

SOIL SAMPLE LOCATIONS

191 GANSON STREET PHASE 2

● PROJECT NO. H 1025

WENDEL
7405 CANAL ROAD, P.O. BOX 501
LOCKPORT N.Y. 14095 716-433-5893 716-625-8226

PART OF LOT		SEC.		TWP.		RNG.
CITY	BUFFALO			DATE	11/14/1994	
COUNTY	ERIE, NY			SCALE	1"=100'	

AFI ENVIRONMENTAL
6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO. 3

to ensure accurate split-spoon sampling. The split-spoon sampler used was two (2) feet in length, unpainted, and equipped with a functional ball-check valve above the sample tube. The bottom of the sampling tube was equipped with a removable plastic "basket" retainer. The split-spoon was advanced through unconsolidated geologic materials at and below the bottom of the augers with a standard 140-pound hammer falling freely 30 inches. Blow counts were recorded for each six inches of penetration. Split-spoon samples were logged using the Unified Soil Classification System (USCS). Representative samples obtained from each split spoon were placed in appropriately labeled sample containers and immediately sealed with aluminum foil and screw on-cap. Field screening of soil samples obtained from split-spoons was conducted in accordance with the procedures outlined in Section 4.3.2.

Accurate test boring logs were prepared to document overburden stratigraphy and characteristics, depth to water, and all pertinent drilling observations.

Monitoring wells were installed immediately after auguring of the bore holes. The wells were constructed of two (2) inch diameter schedule 40, threaded, flush joint, PVC riser pipe and 10-slot PVC well screen. The screen was ten (10) feet in length, and fitted with threaded bottom plugs. The well screens were installed from approximately 7 feet below to 17 feet below the ground surface. A sand pack was gradually introduced to fill the annular space between the screen and the borehole wall. The sand pack extended from the bottom of the borehole to approximately one half (1/2) foot above the top of the screen. The sand pack consisted of washed, graded, silica sand with an average grain size and grain size distribution such that it was compatible with the screen slot size of 0.01 inches. A two (2) foot thick bentonite pellet seal was placed above the sand pack, and a cement/bentonite grout slurry extended from the top of the bentonite pellet seal to within one (1) foot of the surface. The well was completed by installing a six (6) inch steel casing with a stickup of approximately three (3) feet, with a locking cap. The grout was allowed to set up for 48 hours prior to well development. The well completion diagrams were prepared to document well construction details and material specifications and are included in Appendix A.

4.1.2 SOIL BORINGS

Ten (10) soil borings were installed manually using a three (3) inch bucket auger. Soil samples obtained from the bucket auger, from a depth of 0.5' to 1.0', were immediately placed in properly labeled sample containers sealed with tin foil and a screw on cap for screening as described in section 4.3.2. Each soil boring was abandoned following the completion of auguring/sampling activities by backfilling with auger cuttings from the respective borehole.

4.1.3 SEDIMENT SAMPLES

Three (3) sediment samples were collected from each of the three onsite catch basins. The samples were collected using a shovel to remove some material from the bottom of the catch basin. Each sediment sample obtained from the catch basins were immediately placed in properly labeled sample containers sealed with tin foil and a screw on cap for screening as

Printed on recycled paper
to help protect the environment.

described in section 4.3.2. Excess material collected from the catch basins was returned to the bottom of the catch basins.

4.2 WELL DEVELOPMENT

The following well development procedures were employed 48 hours after completion of the groundwater monitoring wells. This allowed the cement/bentonite grout sufficient time to set-up and enabled the wells to equilibrate. Prior to evacuation procedures the water level within the wells was measured with an audible signal, water level indicator to facilitate calculation of the volume of water within the well. Water was then evacuated from the wells using a decontaminated, plastic bailer. Well development continued until a minimum turbidity was achieved. All water withdrawn from the monitoring wells was properly contained within labeled, DOT approved 55 gallon drums to await proper disposal.

4.3 SAMPLE COLLECTION/SCREENING AND ANALYSIS

The sample collection/screening and analysis program implemented at the project site involved the collection of one (1) groundwater sample from each monitoring well; as well as the field screening of soil and sediment samples to enable the selection of two (2) soil samples from the ten (10) soil borings and one (1) sediment sample for chemical analyses. All sample collection and screening measures were performed in accordance with accepted protocols by an experienced AFI Environmental Geologist. All samples were placed in appropriately labeled sample containers for transport under proper chain of custody records to Lozier Laboratories for chemical analyses. The following sections outline sample collection and screening procedures, and identify the analytical methods employed to chemically characterize the groundwater and soil samples.

4.3.1 GROUNDWATER

After well development, the monitoring wells were allowed to equilibrate for 24 hours. The static water level within the monitoring wells were measured using an audible signal water level indicator. After calculating the volume of water contained within each well, purging was initiated. Purging was accomplished using decontaminated plastic bailers. Well purging continued until at least 3 well volumes were removed or a minimum of turbidity was obtained. All water withdrawn from the monitoring wells was properly contained within labeled, DOT approved 55 gallon drums to await proper disposal.

Groundwater sampling was performed within 24 hours after purging. The monitoring wells were sampled using decontaminated plastic bailers. The samples were placed in laboratory precleaned and prelabeled containers, appropriate preservatives were added, and the samples were placed on ice in a cooler for transport to Lozier Laboratories under proper chain of custody records. Five (5) groundwater samples underwent testing in accordance with EPA SW-846 3rd edition.

Printed on recycled paper
to help protect the environment.

4.3.2 SOIL

Soil samples obtained from split-spoons were screened for total organic vapors (TOVs) utilizing an HNu PID after equilibrating at room temperature for one (1) hour. After removing the screw on cap, the foil seal of the sample container was pierced with the probe of the PID, and a measurement was recorded. A summary of field screening results for VOCs is contained in Table #1. PID measurements were zero for all split spoon samples collected during monitoring well installation and ranged from 0 ppm to 0.7 ppm for the ten (10) soil and (3) three sediment samples.

Two (2) samples from the ten (10) soil borings and one (1) sediment sample from the three (3) drainage inlets were selected for chemical analysis based upon the results of field screening. The three (3) soil/sediment samples with the highest measured TOV concentration were placed in a laboratory precleaned and properly labeled sample containers and placed on ice in a cooler for transport under proper chain of custody records to Lozier Laboratories. All soil samples underwent testing in accordance with EPA SW-846 Method 8240 for VOCs, TCL Semi-VOCs by Method 8270, TCL Pesticides/PCBs by Method 8080, RCRA Metals by Method 6010/7000s , and Cyanide by Method 9012.

4.4 DECONTAMINATION

All drilling equipment such as augers, bits and sampling equipment which came in contact with subsurface materials was decontaminated via steam cleaning before and after drilling activities at each borehole. Equipment decontamination consisted of the removal of all soils with a high pressure, low volume, steam and detergent wash. Split-spoon decontamination was performed between samples and consisted of a detergent wash and potable water rinse.

The AFI geologist supervising the field investigation ensured that all equipment was properly decontaminated prior to use at the site, between each borehole, and before leaving the site.

4.5 CONTAINMENT OF WASTES

Drill cuttings from the installation of the monitoring wells were transferred into labeled DOT-approved 55 gallon drums to await proper disposal. Similarly, all decontamination fluids and liquids withdrawn from the groundwater monitoring wells during development, purging and sampling activities were contained within labeled DOT-approved 55 gallon drums to await proper disposal by the client.

5.0 ANALYTICAL RESULTS

5.1 SOIL

Printed on recycled paper
to help protect the environment.

The Lozier laboratory report containing the analytical results for the soil samples analyzed via EPA SW-846 Method(s) 8240, 8270, 8080, 6010/7000 and 9012 are presented in Appendix C. This report also contains the case narrative, laboratory quality assurance/quality control (QA/QC) data, and chain of custody records. An initial review of the data indicated that the holding times for the 8080 Pesticides/PCBs and the TCL Semi-VOCs 8270 soil samples were exceeded prior to analysis. These samples were destroyed and resampled on December 6, 1994. All data reported within this report was analyzed within the required holding times, laboratory blanks were free of contamination, and all QC data were acceptable. These data are summarized and discussed in Section 6.0.

5.2 GROUNDWATER

The results of the chemical analysis of the five (5) groundwater samples collected from the onsite monitoring wells are presented in Appendix D. Additionally, the case narrative, laboratory QA/QC data and chain of custody records for these samples are presented therein. All groundwater samples were analyzed within the required holding times, surrogate standard recoveries were within acceptable limits (except for the low acid recoveries due to matrix interference on method 8270 for samples 1,3,4,5 and sample 6 for method 8080), and laboratory blanks were free of contamination. Section 6.0 contains a summary and evaluation of these groundwater data.

6.0 CONTAMINATION ASSESSMENT

An evaluation of the data resulting from the chemical analysis of soil and groundwater samples collected from the project site, including data from previous studies, was performed with respect to the following:

- o Type of Contamination
- o Potential Sources of Contamination
- o Compliance with Applicable Regulatory Guidelines

The succeeding subsections provide an assessment of the subsurface conditions at the project site, based upon available data, and provide the foundation for the recommendations concerning further investigation and/or remediation of the site discussed in Section 8.0.

6.1 SOIL

Analytical results from the two (2) soil samples and one (1) sediment sample collected from the project site have indicated the presence of a number of volatile organic compounds (VOCs) and semi volatile organic compounds (SEMIVOCs) commonly associated with petroleum contstituents, possibly from fuel oil. Table 2 presents a summary of these results in a comparative format which includes the guidance values for each parameter as specified in the NYSDEC publication: *Spill Technology and Remediation Series (STARS) Memo #1 and/or*

Printed on recycled paper
to help protect the environment.

NYSDEC Soil Cleanup Objectives and Cleanup levels TAGM (January 24, 1994). As illustrated by Table #2, and discussed within the laboratory case narrative, all sediment samples were diluted, prior to analysis, due to the presence of a brown viscous petroleum hydrocarbon within the sample extract. The dilution of the sample raised the detection limits far above the NYSDEC guidance values by several orders of magnitude. Further, PCB-1260 was detected at all locations sampled and analyzed, with the highest concentration at location # 9.

Based upon the location from which soil samples containing significant concentrations of VOCs and SEMIVOCs were collected; one can assume that impacts to the soil near the former UST location (location #10) and the fueling/container staging area (location #11) has occurred as the results of minor spillage or leaks. This assumption is consistent with the field screening data presented in Table #1. A further review of the same table reveals that not all samples locations exhibited VOC's. This may indicate that the impacts from the petroleum releases to the soil is limited. This assumption is supported by the lack of VOC's during the screening of the split spoon samples and the lack of any VOCs in the groundwater samples collected from the site. Therefore one could assume that not all areas of the site are contaminated with petroleum constituents.

6.2 GROUNDWATER

The chemical analysis of groundwater samples collected from the overburden monitoring wells installed on the site, did not indicate the presence of petroleum constituents in exceedance of NYSDEC guidance values. These data are summarized in Table #3. Based on a comparison with applicable guidance values established by the NYSDEC STARS Memo #1 and NYSDEC TAGM dated January 24, 1994, it appears that none of the contaminants encountered in the soil/sediments have entered the groundwater at any of the areas monitored. Further, it appears that contaminants originating from areas off-site are not migrating on-site via the groundwater flow system and that onsite contaminants are not migrating offsite via the groundwater system.

7.0 CONCLUSIONS

AFI Environmental collected a total of three (3) soil/sediment and five (5) groundwater samples from the project site for analysis pursuant to NYSDEC Petroleum-Contaminated Soil Guidance Policy. The resulting analytical data was assessed to determine if contaminated soil was present and to characterize groundwater quality. In general, contaminated soil was encountered in varying degrees in the areas sampled. In this case we don't know that the values exceed the NYSDEC requirements because of the analytical method selected for analysis. It isa possible that some of the particular constituent levels could exceed the NYSDEC STARS limits, but this is unknown because TVLP analysis was not performed. The area of the former UST (sample location #10) demonstrated higher levels for VOCs and SEMIVOCs, than the truck fueling/waste container staging area (sample location #11). However, the sludge/sediment sample (sample location # 14) collected from the surface water runoff collection inlet was highest of all, especially for Acetone and Toluene (39,000 and 62,400 ppb respectfully). PCB-1260,

Printed on recycled paper
to help protect the environment

normally of low mobility, was detected in all samples, with the highest value recorded in the staging/refueling area. PCBs may be resulting from fill brought on-site prior to Downing Container's existence, or it maybe a result of current activity and made mobil via the liquid petroleum fraction in the soils.

Groundwater samples collected from the five (5) overburden monitoring wells were clean. No contravention of NYSDEC guidance values for drinking water standards, in the areas monitored, has occurred. The placement of the monitoring wells near the periphery of the site indicates that no contaminants are entering or leaving the site via the groundwater flow system of the overburden, in the areas monitored.

8.0 RECOMMENDATIONS

Based upon the analytical data generated during the course of this investigation and a review of NYSDEC Petroleum-Contaminated Soil Guidance Policy, AFI Environmental recommends that a more extensive soil/sediment investigation be conducted. The objective of this program, would be to determine the concentrations, distribution (horizontal and vertical) and source of petroleum and PCB-1260 constituents in the soil. Once the boundaries, source and extent of the constituents, are defined, a corrective action program could be implemented. This would allow remediation of the site soils to within levels that are protective of human health and the environment.

However, recognizing that the site is located in a highly industrialized area and that the site is not currently leaching constituents into the groundwater or offsite via groundwater, a combination of testing, soil remediation, and paving with asphalt, concrete, or other impermeable semi-permanent material may warrant consideration.

The ultimate selection of the remedial method should be based upon further soil investigation and a number of parameters, including but not limited to effectiveness, potential impacts to human health and the environment, cost, and compatibility with the current commercial nature of the site. AFI also recommends that the NYSDEC be consulted regarding acceptable clean-up levels at the site, as well as the means by which these objectives will be achieved; once additional data has been collected and reviewed.

9.0 LIMITATIONS

This report is based upon the application of scientific principles and professional judgement to certain facts with resultant subjective interpretations. Professional judgements expressed herein are based on the facts currently available within the limits of the existing data, scope of services, budget and schedule. To the extent that more definitive conclusions are desired by the client than are warranted by the current available facts, it is specifically AFI

Printed on recycled paper
to help protect the environment.

Environmental's intent that the conclusions and recommendations stated herein will be intended as guidance and not necessarily a firm course of action except where explicitly stated as such. AFI makes no warranties, expressed or implied including without limitation, warranties as to merchantability or fitness of a particular purpose. Furthermore, the information provided in this report is not to be construed as legal advice. This investigation and report have been conducted and prepared on behalf of and for the exclusive use of Waste Management of New York, Downing Container et al. who may distribute it at their discretion.

Printed on recycled paper
to help protect the environment.

TABLE 1

SUMMARY OF FIELD SCREENING RESULTS

BORING LOCATION ID NUMBER	DEPTH BELOW GROUND SURFACE								
	0'-2'	2'-4'	4'-6'	6'-8'	8'-10'	10'-12'	12'-14'	14'-16'	16'-18'
	TOTAL ORGANIC VAPORS (TOV'S) MEASURED BY PID (PPM)								
MW-1	0	0	0	0	0	0	0	0	0
MW-2	0	0	0	0	0	0	0	0	0
MW-3	0	0	0	0	0	0	0	0	0
SOIL SAMPLE LOCATION	0.5'-1.0'								
SS-1	0								
SS-2	0								
SS-3	0								
SS-4	0								
SS-5	0								
SS-6	0.2								
SS-7	0.2								
SS-8	0								
SS-9	0								
SS-10 (A)	0.7								
SS-11 (A)	2.5								
SS-12*	0.2								
SS-13*	0.2								
SS-14* (A)	0.2								

* SEDIMENT/SLUDGE Sample from drainage inlet.

(A) These samples were sent out for analysis.

Printed on recycled paper
to help protect the environment.

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
FOR
SOIL SAMPLES

SAMPLE NUMBER			S-1	S-2	S-3
LOCATION			SS-10	SS-11	SS-14
DEPTH BELOW GROUND SURFACE			0'-1'	0'-1'	SEDIM
SUBSTANCE Analysis performed by method 8270.	NYSDEC GUIDANCE VALUES (PPB)*	NYSDEC ALLOWABLE SOIL CONCEN (PPM)**	CONCENTRATIONS (PPB)		
Acenaphthene	20	.9	<700	<720	<1900
Acenpthylene	20	.41	<700	<720	<1900
Benzidine	.002	N/A	<1500	<1600	<3900
Benzo(a)Anthracene	.002	.03	<2900	<700	<1900
Benzo(a)Pyrene	.002	.11	2700	<700	<1900
Benzo(a)Flouranthene	.002	.011	3000	<700	<1900
Benzo(ghi)Perylene	5	8.0	2200	800	<1900
Benzo(k)Flouranthene	.002	1.1	2000	<700	<1900
Biz(2-ethylhexyl) Phthalate	50	4.35	800	1200	50,000
Chrysene	.002	.004	2500	<700	<1900
Dibenzo(a,h) Anthracene	50	1.650	1000	<700	<1900
3,3'-Dichlorobenzidine	N/A	N/A	<1300	<1400	<3900
Di-N-Butyl Phthalate	50	.081	6700	3000	<1900
Flouranthene	50	19	3600	<700	19,000
Indeno-(1,2,3,-c,d) Pyrene	.002	.032	1900	<700	<1900
Phenanthrrene	50	2.20	3400	800	23000
Pyrene	50	6.65	5000	1000	25,000

*,** Reference NYSDEC TAGM- determination of Soil Cleanup Objectives Jan. 24, 1994.

Printed on recycled paper
to help protect the environment.

TABLE 2

SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES (CONT)

SAMPLE NUMBER			S-1	S-2	S-3
LOCATION			SS-10	SS-11	SS-14
DEPTH BELOW GROUND SURFACE			0'-1'	0'-1'	SEDIM
SUBSTANCE Analysis performed by Method 8240.	NYSDEC GUIDANCE VALUES (PPB)	NYSDEC ALLOWABLE SOIL CONCEN (PPM)*	CONCENTRATIONS (PPB)		
Acetone	50	.0011	<144	69	<3,900
2-Butanone	50	0.3	<144	<50	<39,000
Vinyl Acetate	N/A	N/A	<144	<52	<39,000
4-Methyl2-Pentanone	50	.01	<144	<52	<39,000
Toluene	5	.015	<14	<5	62,400
2Hexanone	50	N/A	<144	<52	<39,000
Chlorobenzene	5	.017	<14	<5	<3,900
Ethylbenzene	5	.055	<14	<5	<3,900
Total Xylene	5	.012	<29	<11	<7,800
Styrene	50	N/A	<14	<5	<3,900
1,1,2,2 Tetrachloroethane	5	.006	<14	<5	<3,900

* NYSDEC Guidance Values from Jan 24, 1994 TAGM-Determination of Soil Cleanup Objectives and Cleanup Levels. HWR94-4046.

Allowable soil concentrations may be increased by a factor of 100 if the contamination is in the unsaturated zone above the water table. The value of 100 for correction is consistent with the logic used by EPA in its Dilution Attenuation Factor (DAF) approach for EP Toxicity and TCLP. (reference TAGM HWR94-4046).

Soil cleanup objectives are obtained by multiplying the allowable soil concentration by the correction factor.

Printed on recycled paper
to help protect the environment.

TABLE 2

SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES (CONT)

SAMPLE NUMBER			S-1	S-2	S-3
LOCATION			SS-10	SS-11	SS-14
DEPTH BELOW GROUND SURFACE			0'-1'	0'-1'	SEDIM
SUBSTANCE Analysis performed by Method 6010/7000.	NYSDEC GUIDANCE VALUES (PPB)	NYSDEC ALLOWABLE SOIL CONCEN (PPM)*	CONCENTRATIONS (PPB)		
Total Cyanide	N/A	SB	1.44	0.91	2.39
Arsenic	N/A	7.5/ SB	35.3	5.58	3.96
Barium	N/A	300/SB	350	179	324
Cadmium	N/A	1/SB	<2.45	<2.34	7.22
Chromium	N/A	10/SB	36.6	19.5	31.0
Lead	N/A	SB	393	51.6	131
Mercury	N/A	0.1	0.13	0.09	0.22
Selenium	N/A	2/SB	<0.47	<0.46	<0.31
Silver	N/A	SB	<2.38	<2.33	2.68
Analysis by Method 8080 PCB-1260	0.1	.1	250	6,700	340

* Reference NYSDEC TAGM- Determination of Soil Cleanup Objectives and Cleanup Levels Jan. 24, 1994 HWR 94-4046.

Printed on recycled paper
to help protect the environment.

TABLE 3

SUMMARY OF ANALYTICAL TEST RESULTS FOR GROUNDWATER

Sample Number			S-1	S-2	S-3	S-4	S-5
Location			MW -1	MW -2	MW -3	MW -4	M-5
Water surface depth below ground surface			5.1'	7.1'	5.8'	2.9'	5.9
Substance Analyzed	METHOD	NYSDEC Guidance Value (ppb)**	Concentrations (ppb)				
Benzene	8240	0.7	<5	<5	<5	<5	<5
Toluene	8240	5	<5	<5	<5	<5	<5
Ethylbenzene	8240	5	<5	<5	<5	<5	<5
Chlorobenzene	8240	5	<5	<5	<5	<5	<5
Total Xylene	8240	5	10*	10*	10*	10*	10*
Chloroethane	8240	50	10*	10*	10*	10*	10*
Acetone	8240	50	50*	50*	50*	50*	50*
2- Butanone	8240	50	50*	50*	50*	50*	50*
4-Methyl-2-Pentanone	8240	50	50*	50*	50*	50*	50*
Styrene	8240	5	<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane	8240	5	<5	<5	<5	<5	<5
Naphthalene	8270	10	<5	<5	<5	<5	<5
Benzo(a)Anthracene	8270	.002	<5	<5	<5	<5	<5
Benzo(a)Pyrene	8270	.002	<5	<5	<5	<5	<5
Floranthene	8270	50	<5	<5	<5	<5	<5
Chrysene	8270	.002	<5	<5	<5	<5	<5

NOTES:
* All value are less than stated value
** TCLP Extraction Guidance Value for Gasoline Contaminated Soil as specified in the STARS Memo #1 prepared by the NYSDEC.

Printed on recycled paper
to help protect the environment.

NYSDEC INITIAL SPILL REPORT FORM

DEC REGION# 9 SPILL NUMBER 9501488

SPILL NAME: Waste Management/Ganson DEC LEAD: Robert Crossen

CALLER'S NAME: John Minichiello NOTIFIER'S NAME:

CALLER'S AGENCY: waste Mgmt. NOTIFIER'S AGENCY:

CALLER'S PHONE: ( ) 223-6132 EXT. NOTIFIER'S PHONE: ( ) EXT.

SPILL DATE: 5/1/95 TIME: 1200 hrs.

CALL RECEIVED DATE: 5/4/95 TIME: 1030 hrs. RECEIVED BY CID#:

1. Gasoline
2. #2 Fuel
3. #4 Fuel
4. #6 Fuel
5. Diesel
6. Jet Fuel
7. Waste Oil
8. Non-PCB Oil
9. PCB Oil
10. Kerosene
11. Unk Petrol

Material Spilled	Mat. Class	Am't Spilled	Units	Am't Recovered
1) Petroleum	Pet-Haz-Other-Unk.		Gal - Lbs	
2)	Pet-Haz-Other-Unk.		Gal - Lbs	
3)	Pet-Haz-Other-Unk		Gal - Lbs	
4)	Pet-Haz-Other-Unk.		Gal - Lbs	

SPILL LOCATION

PLACE: Waste Management

STREET: 191 Ganson 7 Acre parcel

T/C/V: Buffalo CO: Erie

CONTACT:

PHONE: ( ) EXT.

SPILLER

NAME: Waste Management

STREET: 425 Perinton Pkwy

CITY: Fairport STATE: NY

ZIP: 14450

CONTACT: John Minichiello

PHONE: (716) 223 6132 EXT.

SPILL CAUSE

1 - Human Error
2 - Traffic Accident
3 - Equipment Failure
4 - Vandalism
5 - Tank Test Failure*
6 - Housekeeping
7 - Deliberate
8 - Abandoned Drums
9 - Tank Failure
10 - Tank Overfill
11 - Other
12 - Unknown

SPILL SOURCE

5 - Gas Station
6 - Passenger Vehicle
7 - Comm Vehicle
8 - Tank Truck
9 - Private Dwelling
10 - Vessel
11 - Railroad Car
3 - Major Fac>400,000 gal
4 - Non-Maj Facility>1,100 gal
1 - Comm/Indust
2 - Non-Comm/Inst
12 - Unknown

RESOURCE AFFECTED

1 - On Land
2 - In Sewer
3 - Groundwater
4 - Surface Water**
5 - Air

**Waterbody:

DEC NOTIFIED BY:

1 - Responsible Party
2 - Affected Persons
3 - Police Department
4 - Fire Department
5 - Tank Tester
6 - DEC
7 - Citizen
8 - Health Dept.
9 - Local Agency
10 - Federal Gov't
11 - Other

CALLER REMARKS: found contamination on property while doing phase I+II UST or truck leakage suspected Source? several wells on site not impacted

*PBS Number	Tank Number	Tank Size	Test Method	Leak Rate

PRIMARY CONTACT CALLED DATE: / / TIME hrs. REACHED DATE: / / TIME hrs.

SECONDARY CONT. CALLED DATE: / / TIME hrs. FAXED BY CID#:

PIN #	T & A	Cost Center	ISR to Central Office / /
Status: Active/Closed/Inactive		Last Inspection / /	Penalty Y / N
RP-CUI / /	ENF-INIT / /	INVES-COM / /	CAP / /
UST Trust Eligible Y / N	Site: A B C D E	Resp. Party 1 2 3 4 5 6	Reg Close Date / /

SPILFORM.4a 1/25/95

EDO Y/N DATA INPUT [ ]

NYS DEC Region 9
DEC REMARKS For Spill Number: 9501488
Date Printed: 10/30/95

05/04/95: RMC/MINICHIELLO/PHONE TO SEND ALL REPORTS TO DEC FOR REVIEW, DUE 5/30/95.

06/20/95: RMC/RECEIVED REPORTS, WORK TO BEGIN 6/29/95.

06/29/95: RMC/EPS/AFI/HANNAKA/SITE AREAS OF CONCERN BEING OVER EXCAVATED, PBS REGISTERED TANKS TO REMAIN FOR NEW OWNER, TESTING AND DISPOSAL DUE 8/30/95.

09/20/95: RMC/JON MINICHIELLO/PHONE TO SEND REPORT BY 10/15/95.
10/27/95 RMC/FILE RECEIVED REPORT AND DISPOSAL RECEIPTS,MINOR EXCEEDANCES, NO FURTHER ACTION REQUIRED, INACTIVE, INACTIVE LETTER
10/30/95 RMC/FILE NOTE SAMPLE S14 WAS FROM STORM RECEIVER AND WAS CLEANED OUT AND NO RESAMPLE REQUIRED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

APPLICATION FOR ACCESS TO RECORDS

(See Instructions on Reverse Side)

APPLICANT

- TO THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION:
I hereby apply to inspect the following records under the provisions of the Freedom of Information Law:

Spill File # 9501488

After inspection, should I desire copies of all or part of the records inspected, I will identify the records to be copied and hereby offer to promptly pay the established fees. (Cost of reproduction or 25¢ per page as applicable). Contact me if cost will exceed $ _____.

Name (Print or type) Joe Allen Telephone No. 800-352-0050

Attention of: _____

Mailing Address 3530 Post Rd Southport, CT

Signature _____ Date 10-26-99

RECORDS CUSTODIAN

- TO THE APPLICANT:

—Records Provided

☐ The reproduction costs for the records provided are $ _____

☐ Records have been (partially, fully) provided. (If not fully provided, date when records are expected to be fully provided: _____)

—Records Not Available

☐ Records cannot be found after diligent search

☐ The Department is not the custodian for records indicated

—Records Denied

I hereby certify that access to the records—or part of the records—circled above has been denied to the applicant for the reason(s) checked below:

☐ Specifically exempt by other statute

☐ Unwarranted invasion of personal privacy

☐ Would impair present or imminent contract awards or collective bargaining negotations

☐ Are examination questions or answers

☐ Are inter-agency or intra-agency materials that are not:
- statistical or factual tabulations or data
- instructions to staff that affect the public
- final agency policy or determinations; or
- external audits, including but not limited to audits performed by the comptroller and the federal government

☐ Would endanger the life or safety of any person

☐ Are compiled for law enforcement purposes and which, if disclosed would:
- interfere with law enforcement investigations or judicial proceedings
- deprive a person of the right to a fair trial or impartial adjudication
- identify a confidential source or disclose confidential information relating to a criminal investigation, or
- reveal criminal investigative techniques or procedures, except routine techniques and procedures

☐ Are computer access codes

☐ Are trade secrets

Identification of records withheld (attach listing if additional space is required) and/or explanation if appropriate:

_____

_____

_____

Records Custodian Signature Kathy Brennan Title Program Aide Date 1-21-00

file

New York State Department of Environmental Conservation
270 Michigan Avenue, Buffalo, New York 14203-2999
(716) 851-7220

Michael D. Zagata
Commissioner

October 30, 1995

Mr. John Minichiello
Environmental Engineering Manager
Waste Management
425 Perinton Parkway
Fairport, New York 14450

Dear Mr. Minichiello:

Spill Number 9501488
191 Ganson Street
Buffalo
Erie County

We have reviewed the analytical results for the excavation samples from the above-referenced site. The results exceed our soil guidance values. However, since the results were low levels, we will not require any further work at this time. The site will have a status of "inactive".

Your cooperation is appreciated. If you have any questions, please call Mr. Robert Crossen of this office at (716) 851-7220.

Sincerely,

Salvatore A. Calandra

Salvatore A. Calandra
Environmental Engineer I

//vm

Waste Management of New York, Inc.
Landfills and Transfer Stations
Administrative Office
425 Perinton Parkway
Fairport, New York 14450

A Waste Management Company

RECEIVED
OCT 12 1995
NYSDEC-REG. 9
FOIL
REL UNREL

October 10, 1995

Rob Crossen
NYSDEC - Spills Management
270 Michigan Avenue
Buffalo, New York, 14203-2999

RML 2
SAC —
RMK —
SPILL # _____
I ?

Re: Remedial Investigations WMNY - Ganson Street Property

Dear Mr. Crossen:

Enclosed with this letter is a copy of the Soil and Sediment Remediation Report that has been generated as part of an environmental assessment that was perform at the former Waste Management of New York, Inc. hauling division property on Ganson Street in Buffalo, N.Y. The enclosed remediation report represents the completion of remedial activities regarding the removal of petroleum impacted soils and sediments as part of a purchase and sale agreement, where WMNY was selling the Ganson Street property to another party.

The remedial reports documents the results of the remedial effort that was performed in accordance with the April 6, 1995, Remedial Action Plan Soil Investigation Report. All areas where chemical constituents had been identified were removed and identified as clean by AFI personnel. The results of composite samples taken from the excavation and removal areas show that the areas of interest were cleaned up to background levels or lower for all chemical constituents.

Please feel free to contact me at our Fairport, NY, location, indicated below, should you have any questions or comments regarding this matter. Thank-you.

Sincerely,

John A. Minichiello
Environmental Engineering Manager

High Acres Landfill & Recycling Center
& Power Production Plant
425 Perinton Parkway
Fairport, New York 14450
Tel: 716/223-6132
Fax: 716/223-6898

Monroe Livingston
Power Production Plant
1241 South Road
Scottsville, New York 14546
Tel: 716/889-9460
Fax: 716/889-5686

Mohawk Valley Sanitary Landfill
Power Production Plant
Road #2, Box 38A
Old Route 5S
Frankfort, New York 13340
Tel: 315/735-0122
Fax: 315/735-2199

Towpath Environmental
& Recycling Center
P.O. Box 408
Albion, New York 14411
Tel: 716/589-2272
Fax: 716/589-1230

Sanders Road Transfer Station
& Recycling Center
8619 Sanders Road
Stafford, New York 14143
Tel: 716/343-2240
Fax: 716/343-6311

Printed on Recycled Paper

SOIL AND SEDIMENT REMEDIATION REPORT

RECEIVED
OCT 1 2 1995
NYSDEC-REG. 9
FOIL
REL UNREL

DOWNING CONTAINER

191 GANSON STREET, BUFFALO, NEW YORK

PROJECT #H1025

PREPARED FOR:

WASTE MANAGEMENT OF NEW YORK
125 PERINTON PARKWAY
FAIRPORT, NEW YORK
14450

PREPARED BY:

AFI ENVIRONMENTAL
7815 BUFFALO AVENUE
NIAGARA FALLS, NEW YORK
14304

SEPTEMBER 28, 1995

TABLE OF CONTENTS

1.0	INTRODUCTION	1
1.1	BACKGROUND	1
1.2	PURPOSE OF OBJECTIVES	1
1.3	SCOPE OF WORK	1
2.0	REMEDIAL PROGRAM	2
2.1	OVERVIEW	2
2.2	SOIL REMEDIATION	2
2.2.1	SOIL EXCAVATION NEAR THE PREVIOUSLY REOMOVED UST (NORTH PROPERTY LINE)	2
2.2.2	SOIL EXCAVATION IN THE VICINITY OF THE ROLL-OFF STAGING AREA (EAST PROPERTY LINE)	3
2.2.3	SOIL EXCAVATION IN THE VICINITY OF THE OVERSIGHT TRUCK PARKING AREA AND FUEL ISLANDS	3
2.2.4	SPOT CLEAN UP	3
2.2.5	REMOVAL OF DRILLING CUTTINGS FROM PREVIOUSLY INSTALLED WELLS	4
2.3	SEDIMENT REMEDIATION	4
2.3.1	STORM SEWER SEDIMENT	4
2.4	TRANSPORT AND TREATMENT/DISPOSAL OF SOLID AND LIQUID WASTE	4
2.5	EXCAVATION RECLAMATION	5
2.5.1	BACKFILLING AND COMPACTION	5
2.5.2	BLACKTOPPING	5
3.0	ANALYTICAL TESTING	5
3.1	SAMPLE LOCATIONS	5
3.2	SAMPLING TECHNIQUES	5
3.2.1	GRAB SAMPLES	6
3.2.2	HOMOGENIZED COMPOSITE SAMPLES	6
3.3	SAMPLING LOCATIONS	6
3.3.1	SAMPLING THE AREA OF THE PREVIOUSLY REMOVED UST	6
3.3.2	SAMPLING THE EXCAVATION IN THE VICINITY OF THE ROLL-OFF STAGING AREA	6
3.3.3	SAMPLING THE SUB-BASE OF THE ROLL-OFF STAGING AREA EXCAVATION	6

3.3.4 SAMPLING THE EXCAVATION IN THE VICINITY OF THE OVERNIGHT TRUCK PARKING AREA 7

3.3.5 WASTE CHARACTERIZATION 7

3.4 ANALYTICAL TESTING 7

3.5 SOIL SAMPLES 7

3.5.1 ANALYTICAL RESULTS FROM THE FORMER SITE OF UST 7

3.5.2 ANALYTICAL RESULTS FROM THE ROLL-OFF STAGING AREA 7

3.5.3 ANALYTICAL RESULTS FROM BASE OF ROLL-OFF STAGING AREA 8

3.5.4 ANALYTICAL RESULTS FROM TRUCK STAGING AREA 8

3.5.5 ANALYTICAL RESULTS FOR WASTE CHARACTER 8

4.0 SUMMARY 8

LIST OF FIGURES

Figure #1 SITE LOCATION MAP

Figure #2 SITE PLAN

Figure #3 EXCAVATION LOCATION MAP

Figure #4 SAMPLE LOCATION MAP

1.0 INTRODUCTION

1.1 BACKGROUND

AFI Environmental has prepared this *Soil and Sediment Remediation Report* on behalf of Waste Management of New York as documentation of their cleanup activities at 191 Ganson Street; prior to their move to 70 North Gates and subsequent occupation of the facilities by new tenants and/or owners. This report addresses petroleum impacted soil and sediment contamination encountered at the Downing Container Facility; located at 191 Ganson Street, Buffalo, New York (See figure #1 for site location map). This facility was the storage yard and repair shop for Waste Management of New York's Downing Container Division garbage pickup, rolloff and rental operations. This *Soil and Sediment Remediaton Report* (SSRR) was prepared as the final step of a three part process that included Environmental Assessment, Remedial Soil Investigation/ Delineation, and Cleanup.

1.2 PURPOSE AND OBJECTIVES

Waste Management of New York Inc. (WMNY), retained AFI Environmental to document the Soil and Sediment Remediation activities conducted by Environmental Products and Services, Inc. (EPS), Waste Managements's cleanup contractor at their 191 Ganson Street Facility.

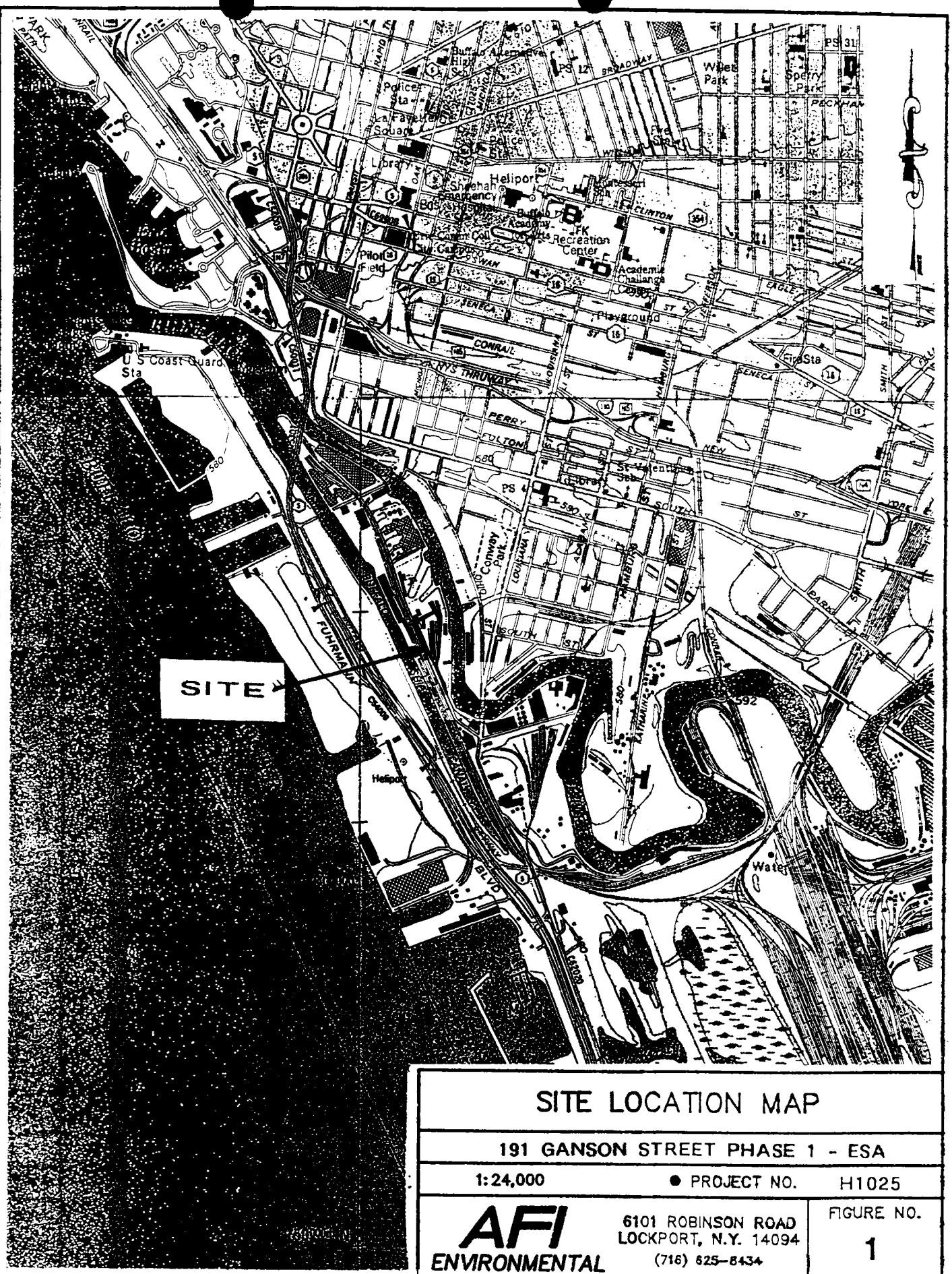
This report has been developed for the private use of Waste Management of New York Inc., but all discussed activities were conducted under the observation of NYSDEC Spill Control personnel.

1.3 SCOPE OF WORK

The Soil and Sediment Remediation Activities conducted at 191 Ganson Street were consistent with the site specific recommendations made by AFI Environmental in their report entitled **"REMEDIAL ACTION PLAN SOIL INVESTIGATION REPORT"** dated April 6, 1995. These recommendations included:
(See figure #2 for site map).

- Removal of a 10' by 10' by 18" area of soil where chemical constituents were identified in the area of previously removed Underground Storage Tank (UST).

- Excavation of Study Area # 3, a 25' by 25' by 18" area located in the vicinity of the rolloff staging area where toluene contaminated soils were staged awaiting NYSDEC approval for disposal.



SITE LOCATION MAP

191 GANSON STREET PHASE 1 - ESA

1:24,000 ● PROJECT NO. H1025

AFI ENVIRONMENTAL
6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO. 1

- o Excavation of stained areas of the parking lot near the fuel islands and near the overnight truck parking area and other areas where visible.

- o Sediment removal and cleaning of the Storm water drains.

- o Backfilling and compacting of all excavated areas with #2 crusher run stone.

- o Sampling excavated areas to demonstrate all contaminates have been removed.

- o Sampling excavated soils for waste characterization and disposal services purposes.

2.0 REMEDIAL PROGRAM

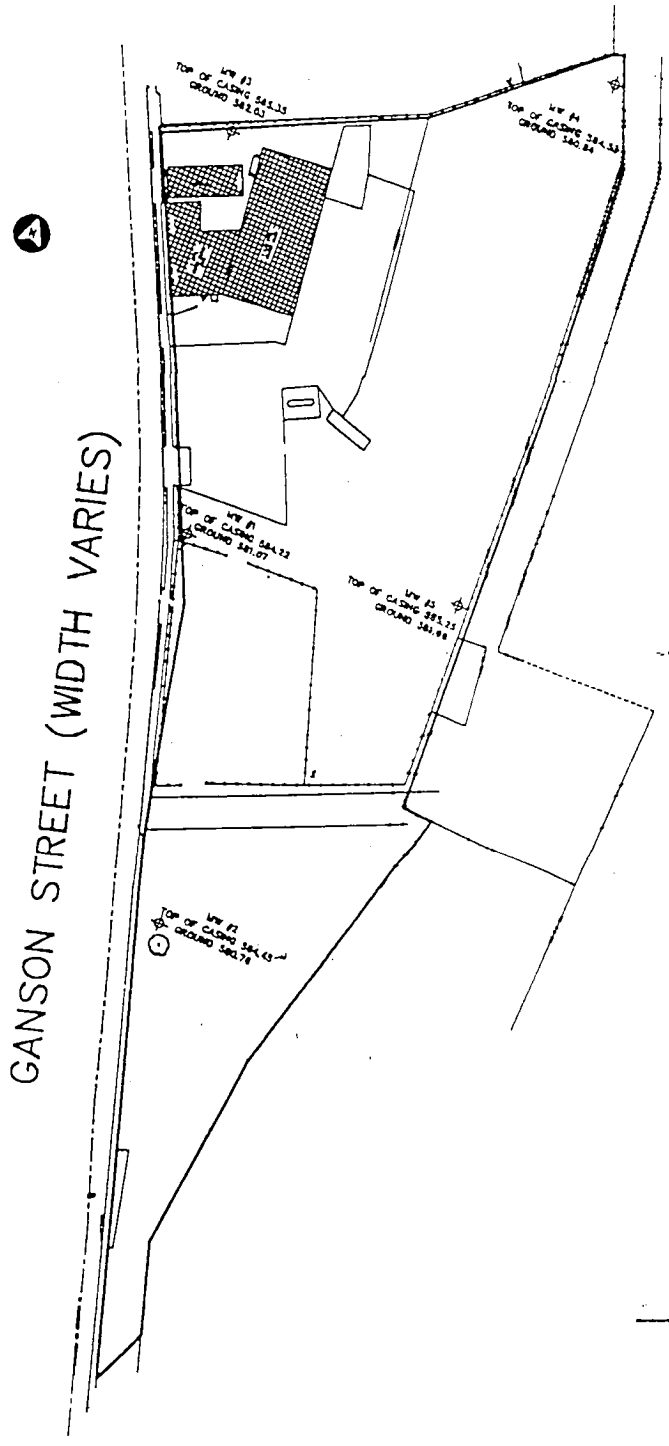
2.1 OVERVIEW

The Remedial program implemented at the facility located at 191 Ganson Street consisted of the excavation, removal and off-site disposal of impacted soils from the following areas (See Figure #3): the vicinity of the previously removed UST, near the North property line; from the roll-off staging area, near the East fence line, from the overnight truck parking area, near the gas fueling island; and contaminated sediment from the storm water sewer. This approach was utilized due to the relatively small volume of chemically impacted soil/sediment occurring at the site. All remedial activities were performed by Environmental Products and Services, Inc., a qualified and experienced remedial contractor, under the supervision of an AFI Environmental Engineer. In addition, New York State DEC Spill Control Personnel observed excavation and disposal activities. The procedures and equipment utilized were selected to minimize any potential for cross contamination, while maximizing the effectiveness of the clean-up effort. The following subsections provide a detailed description of the remedial measures implemented at the WMNY Site.

2.2 SOIL REMEDIATION

2.2.1 SOIL EXCAVATION NEAR THE PREVIOUSLY REMOVED UST (NORTH PROPERTY LINE)

Gravel and soil were excavated from a 10' by 10' by 18" area in the vicinity of the previously removed UST location (See figure #3). The excavation was accomplished using a backhoe and front end payloader operated by EPS personnel. The original excavation was enlarged by an additional 10' by 10' by 18" when petroleum stained material was identified by the AFI field engineer on the Eastern wall of the excavation. Similarly the depth of the excavation was increased to 30" when stained soils were evident on the floor of



LEGEND

PROPERTY LINE

☆ – MONITORING WELL

ELEVATIONS SHOWN ARE REFERENCED TO NGVD'29

SITE PLAN

191 GANSON STREET PHASE 2

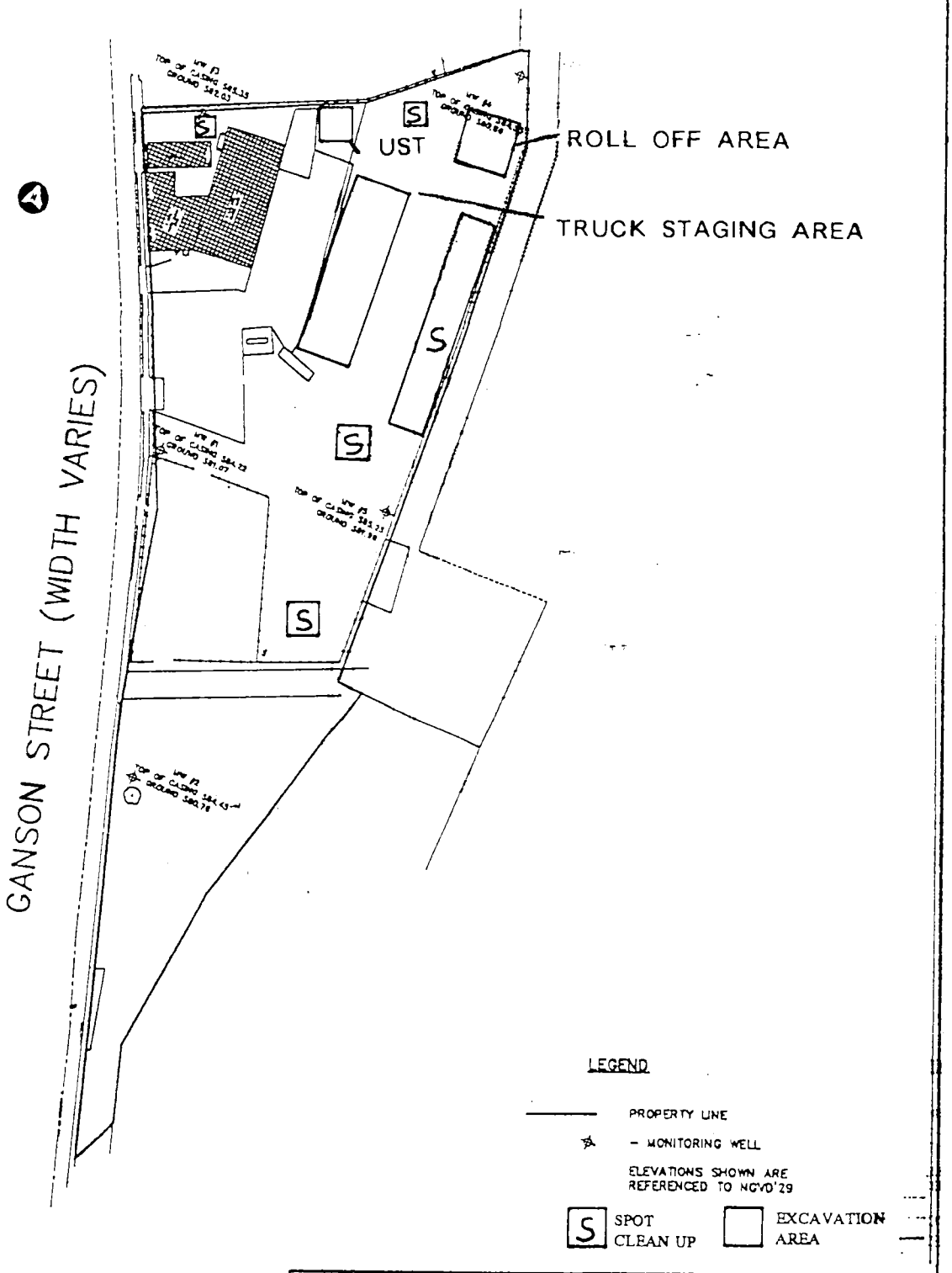
● PROJECT NO. H 1025

FIGURE NO. 2

WENDEL
7405 CANAL ROAD, P.O. BOX 301
LOCKPORT N.Y. 14095 716-433-5893 716-625-8226

PART OF LOT		SEC.		TWP.	RNG.
CITY	BUFFALO			DATE	11/14/1994
COUNTY	ERIE, NY			SCALE	1"=100'

AFI ENVIRONMENTAL
6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434



EXCAVATION LOCATION MAP

191 GANSON STREET

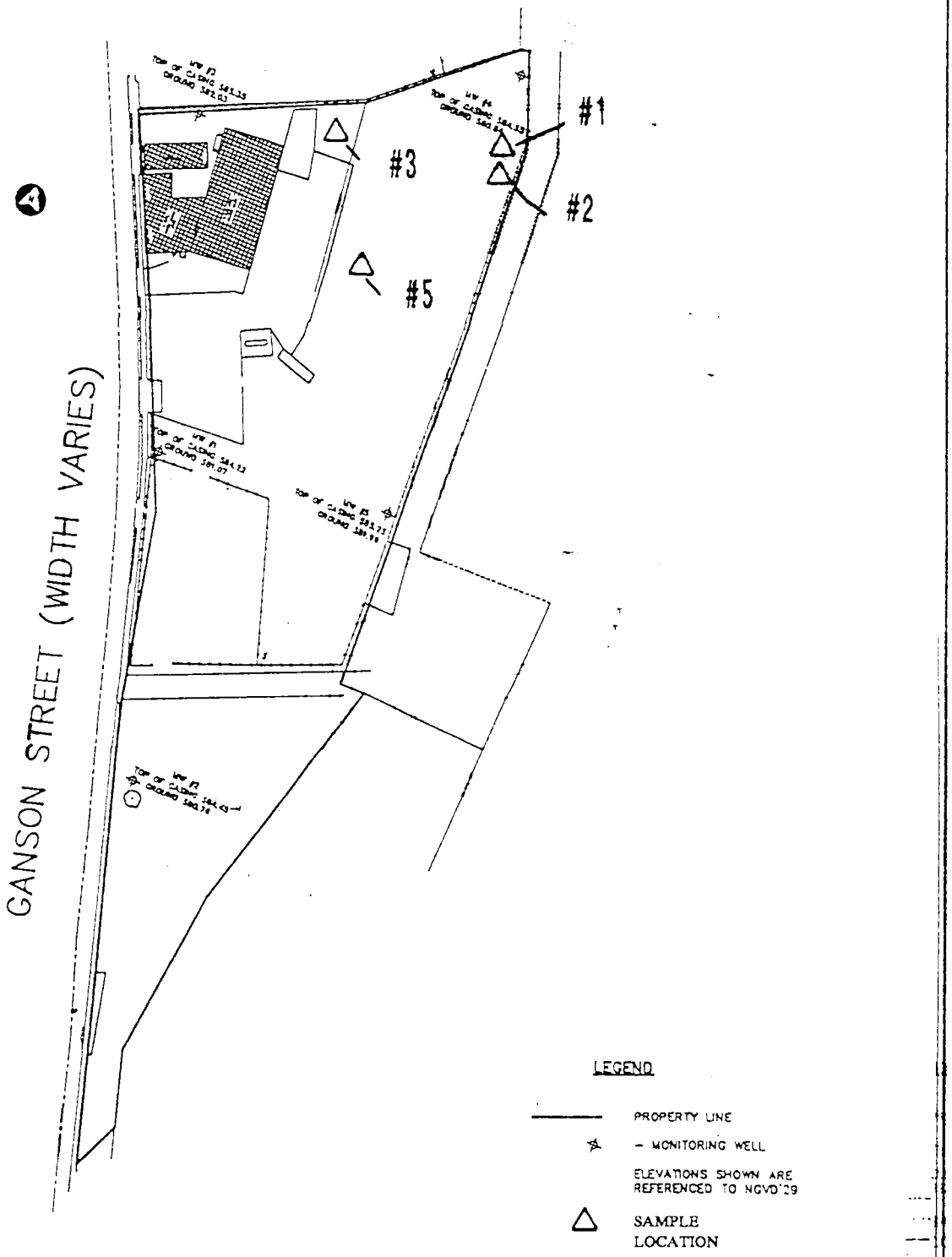
● PROJECT NO. H1025

PART OF LOT		SEC.	TWP. / RNG.
CITY	BUFFALO	DATE	11/14/1994
COUNTY	ERIE, NY	SCALE	1"=100'

WENDEL
7408 CANAL ROAD, P.O. BOX 301
LOCKPORT N.Y. 14095 716-433-3983 716-625-8228

AFI ENVIRONMENTAL
6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO. 3



SAMPLE LOCATION MAP

191 GANSON STREET

● PROJECT NO. H1025

WENDEL

7405 CANAL ROAD, P.O. BOX 301
LOCKPORT N.Y. 14095 716-433-3453 716-625-8228

PART OF LOT		SEC.		TWP.		RNG.
CITY	BUFFALO			DATE	11/14/1994	
COUNTY	ERIE, NY			SCALE	1"=100'	

AFI ENVIRONMENTAL

6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO.
4

the 18" excavated area. The excavation continued horizontally and vertically until no visual evidence of petroleum impacted soils were observed. All scrapings were placed in poly-lined roll-off containers. Transport and disposal was in accordance with section 2.4. The reclamation of the excavation was in accordance with 2.5.

2.2.2 SOIL EXCAVATION IN THE VICINITY OF THE ROLL-OFF STAGING AREA (EAST PROPERTY LINE)

Gravel and soil were excavated from a 25' by 25' by 18" area in the vicinity of the roll-off staging area (See figure #3). The excavation was accomplished using a backhoe and front end payloader operated by EPS personnel. The original excavation was increased when petroleum stained material was identified by the AFI field engineer on the floor of the excavation. The depth of the excavation was increased to 36" when stained soils were evident on the floor of the 18" excavated area. Examination of the base of the excavation showed the fill material to be placed around a historic railroad hid with wooden cross ties and a wooden floor or foundation. The detenation of the wooden floor stained the soils black. This foundation layer continued in all directions for a thickness of approximately 4" - 5". To verify the contact of this fill layer one analytical sample was collected. The excavation continued to the depth and width where minimal evidence of impacted soils was observed. All scrapings were placed in poly-lined roll-off containers. Transport and disposal was in accordance with section 2.4. The reclamation of the excavation was in accordance with 2.5.

2.2.3 SOIL EXCAVATION IN THE VICINITY OF THE OVERNIGHT TRUCK PARKING AREA AND FUEL ISLANDS.

Gravel soil in this section of the parking lot was excavated to a depth of 6" by a width of 15' and the length of 125' on both the East and West sides of the overnight truck parking area and fuel island. The excavation was completed by EPS Personnel using the front bucket of a payloader and scraping the surface to a depth of 6". A visual check of the excavation was made by AFI Personnel, after the excavation, to verify that all signs of staining had been removed. All scrapings were places in poly-lined roll-off containers. Transport and disposal was in accordance with section 2.4. The reclamation of the excavation was in accordance with 2.5.

2.2.4 SPOT CLEAN UP

Gravel soil in the parking lot displaying visual signs of staining was excavated using a backhoe and placed into a poly-lined roll-off container. Excavation was to a depth and lateral extent large enough to remove all visual signs of staining.

The transport and disposal of stained soil excavated from these

areas was in accordance with section 2.4. The reclamation of the excavation was in accordance with section 2.5.

Following the completion of the measures outlined above, all areas excavated were filled with number 2 crusher run stone, compacted and leveled.

2.2.5 REMOVAL OF DRILLING CUTTINGS FROM PREVIOUSLY INSTALLED WELLS

Three (3) 55 gallon drums containing auger cuttings collected during the installation of the monitoring wells installed on site were disposed of by EPS Personnel. The drums were off-loaded into the Poly-lined roll-off containers, crushed flat, and disposed of with the soils.

2.3 SEDIMENT REMEDIATION

2.3.1 STORM SEWER SEDIMENT

Storm sewer remediation was conducted by the above contractor at later date. This was due to the need, by WMNY to obtain approval, from the Buffalo Sewer Authority, for disposal of the discharge material; prior to discharge into the Buffalo Sewer System. Sediment was removed from four (4) Storm Water inlets by using a vacuum line attached to a 3,000 gallon vacuum truck. Flushing of the sewer line was accomplished using a high pressure, water lancing system. The vacuum truck was operational during the sewer flushing procedure to capture the wash water. After flushing, the sediment accumulated at each inlet basin was manually removed and captured by the vacuum truck. All sediment and wash water was disposed of at the Buffalo Sewer Authority under proper disposal permits. AFI field engineers inspected the clearing activity after the activities had been completed.

2.4 TRANSPORT AND TREATMENT/DISPOSAL OF SOLID AND LIQUID WASTES

Impacted soil and sediment generated during the remedial program were placed in poly lined roll-off containers prior to removal from the site. This material was transported by Waste Management, a permitted hauler, to High Acres Landfill, a non-hazardous waste landfill, which was authorized to receive petroleum impacted soils. Analytical data from the chemical profiling of impacted soils collected prior to the remedial activities was utilized for waste characterization purposes. Analysis of soil collected during excavation is presented in Appendix A. This information was utilized by Waste Management personnel to complete Form 47-19-7, *Application for Treatment or Disposal of an Industrial Waste Stream* contained in Appendix B. All soils were disposed at the High Acres Landfill in Fairport, New York.

Wash water generated during the Storm Water cleaning, and collected by the vacuum truck, was transported under the appropriate permits to Buffalo Sewer Authority for treatment and/disposal. Sediment contained within the vacuum truck were removed and disposed at a permitted facility. Records documenting the transport and proper disposal of all solid and liquid waste were retained by Waste Management personnel and are not part of this report.

2.5 EXCAVATION RECLAMATION

2.5.1 BACKFILLING AND COMPACTION

EPS Personel backfilled each excavated area with clean #2 crusher run stone, then compacted the area by repeated running over the stone with a payloader. Final shaping was conducted by scraping the surface level. Photographs of the facility clean up activity are presented in Appendix C and Analytical Results are present in Appendix A.

2.5.2 BLACKTOPPING

Blacktop areas stained from the chronic overnight leaking of oil and grease from Packer and Roll-off Trucks, were scraped and resurfaced with a 1" top coat of fresh black top. (Photographs see Appendix C).

3.0 ANALYTICAL TESTING

3.1 SAMPLE LOCATIONS

Two (2) types of media were sampled during the course of the investigation performed by AFI Environmental, and can be classified as either soil or gravel. A total of five (5) soil samples were collected. The locations from which these samples were obtained are depicted on Figure 4.

3.2 SAMPLING TECHNIQUES

Two (2) sampling techniques were utilized to collect soil and sediment samples on June 29, 1995, and are described in the following subsections. All samples were collected by an AFI Environmental field engineer and were placed in precleaned laboratory sample bottles, which were labeled with the sample number, date and time of collection, sampler's initials, and the analyses requested.

3.2.1 GRAB SAMPLES

With the exception of the impacted soil samples collected from the location where UST was previously removed, the Roll-off staging area excavation sampling, and the sampling from the excavation near the truck staging area, the remaining soil samples were collected as grab samples. Grab samples were collected using a coated steel trowel that was decontaminated via a detergent wash and deionized water rinse prior to the collection of each sample. Grab soil samples were collected at the base of the excavation conducted in the vicinity of the Roll-off staging area.

3.2.2 HOMOGINIZED COMPOSITE SAMPLES

Homogenized composite samples were assembled to characterize background soil quality and to chemically profile the quality of soils remaining within the excavated areas once the visual evidence of impacted soils had been excavated. Homogenized Composite samples were also collected as a means of profiling soils for waste characterization purposes.

3.3 SAMPLING LOCATIONS

3.3.1 SAMPLING IN THE AREA OF THE PREVIOUSLY REMOVED UST

The sample from the site of the previously removed UST, identified as sample #3 was assembled from samples collected from five (5) points situated at the eastern, western, nothern, southern and bottom margin of the excavated area. Soil from each of these points was collected, placed on a poly sheet, and mixed to obtain a homogenous composite sample. (See figure #4 for sample location and Appendix A for results).

3.3.2 SAMPLING THE EXCAVATION IN THE VICINITY OF THE ROLL-OFF STAGING AREA

The sample from the site of the Roll-off staging area, sample #1 was assembled from samples collected from five (5) points situated at the eastern, western, southern, and north walls as well as the floor of the excavation. Soil from each of these points was collected, placed on poly sheet, and mixed to obtain a homogenous composite sample.

3.3.3 SAMPLING THE SUB-BASE OF THE ROLL-OFF STAGING AREA EXCAVATION

The sample from the Sub-base of the roll-off staging area excavation was collected as a grab sample from the area demonstrating signs of high carbon/wood content (black).

3.3.4 SAMPLING THE EXCAVATION IN THE VICINITY OF THE OVERNIGHT TRUCK PARKING AREA

The sample from the site of the overnight truck parking area, sample #5, was assembled from samples collected from five (5) points situated at the eastern, western, southern, and north walls as well as the floor of the excavation. Soil from each of these points was collected, placed on poly sheet, and mixed to obtain a homogenous composite sample.

3.3.5 WASTE CHARACTERIZATION

The sampling collected for Waste Characterization verification was collected as a composite sample; randomly selected from the spoils pile of excavated material, prior to being loaded into the roll-off container. The composite was made up from 3 distint sub-samples.

3.4 ANALYTICAL TESTING

All soil and sediment samples were transported under proper chain of custody records to Lozier Labs of Rochester immediately following collection on June 29, 1995. All samples underwent testing for waste characterization/PCBS, TCLP Stars 8021, and TCLP Stars 8270. These analytical methods were selected based upon results from earlier investigations at the project site.

The Lozier laboratory report containing the analytical results, QA/QC data, and chain of custody records is presented in Appendix A. These analytical results are discussed in the following paragraphs:

3.5 SOIL SAMPLES

3.5.1 ANALYTICAL RESULTS FROM THE FORMER SITE OF UST

Analytical results for Sample #3 collected as a composite sample from the sides and base of the former UST excavation are presented in Appendix A. As presented these results show that all values for PCB's except PCB-1260 are below quantifiable limits. PCB-1260 was detected at .27 mg/kg. Benzene and Tolumene were detected at 6.9 ug/1 and 1.6 ug/1 respectfully. All Poly Nuclear Aromatic Hydrocarbons identified in EPA method 8270 were below quantifiable limits.

3.5.2 ANALYTICAL RESULTS FROM THE ROLL-OFF STAGING AREA

Analytical results for Sample #1 collected as a composite sample from the sides and base of the roll-off staging area are presented in Appendix A. As presented these results show that all values for

PCB's except PCB-1260 are below quantifiable limits. PCB-1260 was detected at .18 mg/kg. All Poly Nuclear Aromatic Hydrocarbon identified in EPA method 8270 and volatiles identified in EPA Method 8021 were below quantifiable limits.

3.5.3 ANALYTICAL RESULTS FROM BASE OF ROLL-OFF STAGING AREA

Analytical results for Sample #2 collected from the base of the roll-off staging area as a grab sample are presented in Appendix A. As presented these results show that all values for PCB's were below quantifiable limits. Benzene and Toluene were detected at 9.5 ug/1 and 5.0 ug/1 respectfully. All Poly Nuclear Aromatic Hydrocarbon identified in EPA method 8270 were below quantifiable limits.

3.5.4 ANALYTICAL RESULTS FROM TRUCK STAGING AREA

Analytical results for Sample #5 collected as a composite sample from the sides and base of the excavation near the truck staging area are presented in Appendix A. As presented these results show that all values for PCBare below quantifiable limits. All Poly Nuclear Aromatic Hydro Carbon identified in EPA method 8270 and all volatiles identified in 8021 TCLP Extraction were below quantifiable limits.

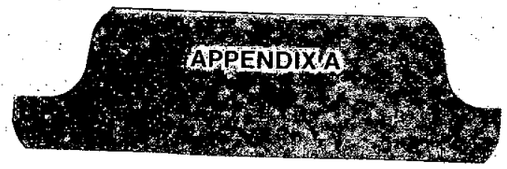
3.5.5 ANALYTICAL RESULTS FOR WASTE CHARACTERIZATION

As presented in Appendix A, results of Sample #4 analysis indicate that all parameters identified in EPA Method 8270, EPA Method 8021, and EPA Method 608 were below quantifiable limits, except for Toluene at 2.0 ug/L.

4.0 SUMMARY

The evaluation of analytical data resulting from the modified Phase II investigation and supplemental remedial investigation, at 191 Ganson Street, identified some chemical constituents within the soils and sediment from isolated areas across the site and within the storm water drainage system. The data from on site groundwater monitoring wells did not show any signs of chemical contamination of the Groundwater leaving or entering the site.

All areas where chemical constituents were identified in the soils were removed by EPS Personnel and verified as clean by visual inspection by AFI Personnel. The result of composite samples collected after clean-up activities show that all areas excavated were cleaned up to background levels or lower for all chemical constituents. A photographic record of clean-up procedure and site reclamation is presented in Appendix C.


APPENDIX A

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : AFI ENVIRONMENTAL
7815 BUFFALO AVENUE
NIAGARA FALLS, NY 14304

ATTN: BILL HEITZENRATER

DATE REC'D. : 06/29/95
LABORATORY NO. : 95064082
REPORT DATE : 07/13/95

RE: WASTE MGT/DOWNING CONT.
EXCAVATION SOIL SAMPLING
NYSDEC STARS PROGRAM TESTING

SAMPLE INFORMATION

SAMPLE DATE	: 06/29/95	LOCATION	: SEE REPORT
SAMPLE TIME	: 11:15-4:00 PM	TYPE OF SAMPLE	: SOIL
NUMBER OF SAMPLES:	5	SAMPLER	: CLIENT

POLYNUCLEAR AROMATIC HYDROCARBONS

PARAMETER	*1	*2	*3	*4	*5
NAPHTHALENE	<0.010	<0.010	<0.010	<0.010	<0.010
ACENAPHTHYLENE	<0.010	<0.010	<0.010	<0.010	<0.010
ACENAPHTHENE	<0.010	<0.010	<0.010	<0.010	<0.010
FLUORENE	<0.010	<0.010	<0.010	<0.010	<0.010
PHENANTHRENE	<0.010	<0.010	<0.010	<0.010	<0.010
ANTHRACENE	<0.010	<0.010	<0.010	<0.010	<0.010
FLUORANTHENE	<0.010	<0.010	<0.010	<0.010	<0.010
PYRENE	<0.010	<0.010	<0.010	<0.010	<0.010
CHRYSENE	<0.010	<0.010	<0.010	<0.010	<0.010
BENZO(b)FLUORANTHENE	<0.010	<0.010	<0.010	<0.010	<0.010
BENZO(k)FLUORANTHENE	<0.010	<0.010	<0.010	<0.010	<0.010
BENZO(a)PYRENE	<0.010	<0.010	<0.010	<0.010	<0.010
DIBENZO(a,h)ANTHRACENE	<0.010	<0.010	<0.010	<0.010	<0.010
INDENO(1,2,3-cd)PYRENE	<0.010	<0.010	<0.010	<0.010	<0.010
BENZO(g,h,i)PERYLENE	<0.010	<0.010	<0.010	<0.010	<0.010
BENZO(a)ANTHRACENE	<0.010	<0.010	<0.010	<0.010	<0.010
DILUTION FACTOR	1	1	1	1	1
SURROGATE RECOVERIES :					
NITROBENZENE-d5	60%	43%	81%	36%	41%
ACC RANGE (38-114)%					
2-FLUOROBIPHENYL	52%	34%	67%	24%	28%
ACC RANGE (43-116)%					
TERPHENYL-d14	82%	55%	88%	32%	34%
ACC RANGE (33-141)%					

Analysis performed by EPA Method 8270 on 07/08/95.
All units expressed as mg/l unless otherwise specified.

*1 Loc. #14 Comp.
*2 Base of Excavation
*3 Excavation #3
*4 Soil Disposal
*5 Excavation #2

NYSDOH LAB ID # 10390
jsh

ALAN J. LAPPIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI ENVIRONMENTAL

LOZIER LABORATORY NO. 95064082

S.T.A.R.S. 8021 - VOLATILES TCLP EXTRACTION

PARAMETER	*1	*2	*3	*4	*5
METHYL t-BUTYL ETHER (MTBE)	<5.0	<5.0	<5.0	<5.0	<5.0
BENZENE	<0.7	9.5	6.3	<0.7	<1.0
ETHYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0
TOLUENE	<1.0	5.0	1.6	2.0	<1.0
m+p XYLENES	<2.0	<2.0	<2.0	<2.0	<2.0
o-XYLENE	<1.0	<1.0	<1.0	<1.0	<1.0
TOTAL XYLENES	<3.0	<3.0	<3.0	<3.0	<3.0
ISOPROPYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0
n-PROPYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0
sec-BUTYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0
p-ISOPROPYLTOLUENE	<1.0	<1.0	<1.0	<1.0	<1.0
n-BUTYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0
NAPHTHALENE	<1.0	<1.0	<1.0	<1.0	<1.0
SURROGATE RECOVERY:					
a,a,a-TFT	93%	102%	84%	99%	108%
ACC RANGE (60-132)%					

Analysis performed by EPA Method 8021.
All units expressed as µg/l unless otherwise specified.

Location	Date Analyzed
*1 Loc. #14 Comp.	07/07
*2 Base of Excavation	07/07
*3 Excavation #3	07/07
*4 Soil Disposal	07/07
*5 Excavation #2	07/10

NYSDOH LAB ID # 10390
jhs

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI ENVIRONMENTAL

LOZIER LABORATORY NO. 95064082

POLYCHLORINATED BIPHENYLS

PARAMETER	*1	*2	*3	*4	*5	UNITS
PCB-1221	<0.036	<0.036	<0.036	<0.036	<0.036	mg/kg
PCB 1232	<0.036	<0.036	<0.036	<0.036	<0.036	mg/kg
PCB-1016	<0.036	<0.036	<0.036	<0.036	<0.036	mg/kg
PCB-1242	<0.036	<0.036	<0.036	<0.036	<0.036	mg/kg
PCB-1248	<0.036	<0.036	<0.036	<0.036	<0.036	mg/kg
PCB-1254	<0.036	<0.036	<0.036	<0.036	<0.036	mg/kg
PCB-1260	0.18	<0.036	0.27	<0.036	<0.036	mg/kg
PCB-1262	<0.036	<0.036	<0.036	<0.036	<0.036	mg/kg
PCB-1268	<0.036	<0.036	<0.036	<0.036	<0.036	mg/kg
TOTAL PCB's	0.18	<0.036	0.27	<0.036	<0.036	mg/kg
SURROGATE RECOVERY % DCB	*	*	*	97	103	%
ACC RANGE (41-154)%						

* No surrogate added by prep. Supply exhausted. Samples prepped without surrogate due to holding time considerations.

Performed by EPA Method 608 PCB's on 07/14/95

Location
*1 Loc. #14 Comp.
*2 Base of Excavation
*3 Excavation #3
*4 Soil Disposal
*5 Excavation #2

NYSDOH LAB # 10390
jhs

ALAN J. LAFFIN
LABORATORY DIRECTOR

9506408 2

LOZIER
Laboratories, Inc.
909 Culver Road
Rochester, NY 14609
716-654-6350

Company Name: WASTE Management Dewaise Container
Project Name / Number: h1025

Turnaround Time
[X] Standard Service
[ ] - * Rush Service
Date requested by:
Ph # (716) - 283 - 2685
Fax # (716) - 283 - 2853

Page 1 of 1

Send Report to: AEI ENVIRONMENTAL
7815 Buffalo Ave
NIAGARA FALLS, N.Y

Send Invoice to: SAME

P.O. #

Chain of Custody Record

SAMPLE ID	Date	Time	TYPE: Comp.	Grab	Aqueous	Soil	Other	Laboratory ID Number	PARAMETERS FOR ANALYSIS
#1 a Composite location #1 & 1a	6/29	11:15	X			X			
b 2 Bottles for each sample									
#2 Base of excavation	6/29	3pm		X		X			
#3 EXCAVATION # 3 & B	6/29	4pm	X			X			
#4 Soil Disposal mix	6/29	4p	X			X			
#5 EXCAVATION # 2	6/29	4p	X			X			

REMARKS: Sample #2 is from questionable material left in pit Below 18" EXCAVATION

Total Containers -

SAMPLER'S NAME: Bill Hayward SIGNATURE: Bill Hayward

SAMPLES RELINQUISHED BY:		SAMPLES RECEIVED BY:	
NAME: Bill Hayward	DATE: 6/29	NAME:	DATE:
SIGNATURE:	TIME: 6:30	SIGNATURE:	TIME:
NAME: Arnold W. Drescher	DATE: 6/29	NAME:	DATE:
SIGNATURE: Arnold W. Drescher	TIME: 6:30	SIGNATURE:	TIME:
NAME:	DATE:	Received For Laboratory By:	DATE: 6/29/95
SIGNATURE:	TIME:	(Signature) Adam Hoag	TIME: 6:30

Custody Seal Intact? Sample [ ] Yes [ ] No [ ] N.A.
Shipment Complete? [ ] Yes [ ] No

Temp ____ °C TS TB TM

Airbill #

LOZIER
Laboratories, Inc.
909 Culver Road
Rochester, NY 14609
716-654-6350

Company Name: WASTE MANAGEMENT Dawson Facility

Project Name / Number: Acres

Turn-Around Time
[X] - Standard Service
[ ] - *Rush Service
Date requested by:
Ph # (716) - 343 - 7645
Fax # (716) - 343 - 3853

Page 1 of

Send Report to: AFI ENVIRONMENTAL
7815 Buffalo Ave
NIAGARA FALLS, NY

Send Invoice to: SAME

P.O. #:

Chain of Custody Record

SAMPLE ID	Date	Time	TYPE: Comp.	TYPE: Grab	Aqueous	Soil	Other	Laboratory ID Number	PARAMETERS FOR ANALYSIS
#1a Composite location #1 5/a & 2 Bottles for each sample	6/29	11:15	X			X			
#2 Bay of excavation	6/29	3:00		X		X			
#3 Excavation #3 5/B	6/29	4pm	X			X			
#4 Soil Disposal Mat.	6/21	4p	X			X			
#5 Excavation #2	6/29	4pm	X			X			

Total Containers -

REMARKS: Sample #2 is from questionable material left in the bottom of excavation

SAMPLER'S NAME: Bill Hazlewood SIGNATURE:

SAMPLES RELINQUISHED BY:		SAMPLES RECEIVED BY:	
NAME: Bill Hazlewood	DATE: 6/29	NAME:	DATE:
SIGNATURE:	TIME: 6:30	SIGNATURE:	TIME:
NAME: Mike W. Freeman	DATE: 6/29	NAME:	DATE:
SIGNATURE: Mike W. Freeman	TIME: 6:30	SIGNATURE:	TIME:
NAME:	DATE:	Received For Laboratory By: (Signature)	DATE:
SIGNATURE:	TIME:		TIME:

Custody Seal Intact? Sample [ ] Yes [ ] No [ ] N.A.
Shipment Complete? [ ] Yes [ ] No

Temp ____ °C TS TB TM

Airbill #

APPENDIX B

GENERATOR'S WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

Waste Profile Sheet Code: WMNA 326826

This form is to be used to comply with the requirements of a waste agreement.

INSTRUCTIONS FOR COMPLETING THIS FORM ARE ATTACHED

(Shaded Areas For Contractor Use Only)

Decision Expiration Date: 12 / 1 / 95

Contractor Sales Rep#: Hanalca

Service Agr. Renewal Date: / /

A. WASTE GENERATOR INFORMATION

1. Generator Name: Waste Management of N.Y. - Bfle
2. SIC Code:
3. Facility Address (site of waste generation): 421 Ganson St
4. Generator City, State/Province: Buffalo, NY
5. Zip/Postal Code: 14203
6. Generator USEPA/Federal ID #:
7. State/Province ID #:
8. Technical Contact: Tim Eich
9. Phone: (716) 852 - 6121

B. WASTE STREAM INFORMATION (See Instructions)

1. Name of Waste: Contaminated Soil
2. Process Generating Waste: excavation of truck parking area
3. Annual Amount/Units: 50 cubic yards
4. Type A ☒ (2) Type B ☐
5. Special Handling Instructions/Supplemental Information:
6. Incidental Waste Types and Amounts: None Known

C. TRANSPORTATION INFORMATION

1. Method of Shipment: ☐ Bulk Liquid ☐ Bulk Sludge ☒ Bulk Solid ☐ Drum/Box ☐ Other
2. Supplemental Shipping Information:
3. Is a DOT hazardous material? ☒ No ☐ Yes (If yes, complete 4, 5 & 6) 4. Hazard Class/ID #: NA
5. Reportable Quantity/Units (lb/kg): 0 6. Shipping Name: NA

D. TECHNICAL MANAGER DECISION (Check One) ☒ APPROVED ☐ DISAPPROVED ☐ Check if additional information is attached

If Disapproved, Explain:

If Approved, Continue.

1. Management Method(s): CO DISPOSAL OR USE AS DAILY COVER SOIL IN ACCORDANCE WITH PART 360 PERMIT.
2. Precautions, Conditions, or Limitations on Approval: ENSURE COPY OF SERVICE AGREEMENT IS ON FILE
3. For Type A Wastes, Laboratory Analysis of a Representative Sample Was: ☐ Waived ☒ Attached
   If waived, explain why:
4. List Non-WMI Facility that is Approved to Manage this Waste: Date:

Tech. Mgr. Signature: John A. Minchhand Name (Print): John A. Minchhand Date: 06/22/95

E. MANAGEMENT FACILITY INFORMATION / DECISION

1. Proposed Management Facility: High Acres Landfill
2. Proposed Intermediate Transfer Facility: 3. Transporter: Waste Management - Buffalo
4. Management Facility Gen. Mgr. Decision (Check One) ☒ APPROVED ☐ DISAPPROVED

If Disapproved, Explain:

If Approved, List Precautions, Conditions, or Limitations on Approval:

General Mgr. Signature: Joanne Ragusa Name (Print): Joanne Ragusa Date: 6/22/95

Turn Page and Complete Side 2 (If Type B Special Waste, only complete Part J of Side 2)

GENERATOR'S WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

F. PHYSICAL CHARACTERISTICS OF WASTE (See instructions)

1. Color	2. Does the waste have a strong incidental odor?	3. Physical State @ 70 F/21 C.	4. Layers	5. Specific Gravity	6. Free Liquids:
Brown	☒ No ☐ Yes: If so describe:	☐ Solid ☐ Semi-Solid ☐ Liquid ☐ Powder ☐ Other:	☐ Multi-layered ☐ Bi-layered ☒ Single Phased	Range	☐ Yes ☒ No Volume: %

7. pH: ☐ ≤2 ☐ > 2-4 ☐ 4-7 ☐ [illegible] ☐ 7-10 ☐ 10- <12.5 ☐ ≥12.5 ☐ Range ☐ NA

8. Flash Point: ☐ None ☐ <140°F/60°C ☐ 140 - 199°F/60 - 93°C ☐ ≥200°F/93°C ☐ Closed Cup ☐ Open Cup

G. CHEMICAL COMPOSITION

	RANGE (MIN-MAX)
Soil Matrix	- %
	- %
	- %
	- %
	- %
	- %
	- %
	- %
	- %
Total	%

2. Does the waste contain any of the following? (provide concentration if known)

	NO	or	LESS THAN	or	ACTUAL
PCBs	☐		☒ < 50 ppm		____ ppm
Cyanides	☐		☐ < 30 ppm		____ ppm
Sulfides	☐		☐ < 500 ppm		____ ppm

Please note: Unless analytical results are attached, the chemical composition identification should include, at a minimum, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Silver, Pesticides, Herbicides, and any other TCLP constituents that may be present in the waste. The total composition must be greater than or equal to 100%. (.0001% = 1 ppm or 1 mg/l)

3. Indicate method used to determine composition (if provided): ☒ TCLP ☐ Total ☐ Other: ____

H. SAMPLING SOURCE (e.g., Drum, Lagoon, Pit, Pond, Tank, Vat) ____

REPRESENTATIVE SAMPLE CERTIFICATION

1. Print Sampler's Name: [illegible] 2. Sample Date: ____

3. Sampler's Title: ____

4. Sampler's Employer if other than Generator: ____

The sampler's signature certifies that any sample submitted is representative of the waste described above pursuant to 40 CFR 261.20(c) or equivalent rules.

5. Sampler's Signature: ____

J. GENERATOR CERTIFICATION

By signing this profile sheet, the Generator certifies:

1. This waste is not a "Hazardous Waste" as defined by USEPA or Canadian Federal regulation and/or the state/province.
2. This waste does not contain regulated radioactive materials or regulated concentrations of PCB's (Polychlorinated Biphenyls).
3. The unshaded portions of this sheet and the attachments contain true and accurate descriptions of the waste material. All relevant information regarding known or suspected hazards in the possession of the Generator has been disclosed.
4. The Generator has read and understands the Contractor's Definition of Special Waste included in Part B.5. of the attached instructions form. All types and amounts of special wastes provided in incidental amounts have been identified in section B.6. of this form.
5. The analytical data presented herein or attached hereto were derived from testing a representative sample taken in accordance with 40 CFR 261.20(c) or equivalent rules.
6. If any changes occur in the character of the waste, the Generator shall notify the Contractor prior to providing the waste to the Contractor.

7. Signature X: [signature] 8. Title: [illegible]

9. Name (Type or Print) X: [illegible] 10. Date X: [illegible]

LOZIER LABORATORIES, INC.

909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : AFI ENVIRONMENTAL
6101 ROBINSON RD
LOCKPORT, NY 14094

DATE REC'D. : 12/06/94
LABORATORY NO. : 94116329
REPORT DATE : 12/09/94

ATTN : BILL HEITZENRATER

RE : WMNY, GANSON ST., BUFFALO, NY

SAMPLE INFORMATION

SAMPLE DATE : 12/06/94
SAMPLE TIME : 12:20-12:47 PM
NUMBER OF SAMPLES : 3

LOCATION : SEE REFERENCE
TYPE OF SAMPLE: SOILS/SLUDGE
SAMPLER : LOZIER LABS

PESTICIDES

PARAMETER	WET WT	DRY WT	WET WT	DRY WT	WET WT	DRY WT	UNITS
	LOCATION #10		LOCATION #9		LOCATION #14		
ALPHA-ENDOSULFAN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
BETA-ENDOSULFAN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ENDOSULFAN SULFATE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ALPHA-BHC	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
BETA-BHC	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
DELTA-BHC	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
GAMMA-BHC	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ALDRIN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
DIELDRIN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
4,4-DDE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
4,4-DDD	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
4,4-DDT	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ENDRIN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ENDRIN ALDEHYDE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
HEPTACHLOR	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
HEPTACHLOR EPOXIDE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
CHLORDANE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
TOXAPHENE	<0.5	<0.6	<0.5	<0.6	<0.5	<0.8	mg/kg
METHOXYCHLOR	<0.10	<0.1	<0.10	<0.1	<0.10	<0.1	mg/kg
% SURROGATE RECOVERIES:	116	--	132	--	336*	--	%

Analysis performed by EPA Method 8080 Organochlorine Pesticides and PCB's on 11/29/94 and extracted on 12/08/94.

*High % recovery due to matrix pattern interference (acceptable range: 34-183%).

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94126329

POLYCHLORINATED BIPHENYLS

PARAMETER	WET WT	DRY WT	WET WT	DRY WT	WET WT	DRY WT	UNITS
	LOCATION #10		LOCATION #9		LOCATION #14		
PCB-1221	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB 1232	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1016	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1242	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1248	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1254	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1260	0.22	0.25	5.6	6.7	0.22	0.34	mg/kg
PCB-1262	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1268	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
TOTAL PCB's	0.22	0.25	5.6	6.7	0.22	0.34	mg/kg
**% SOLIDS	89.1	--	83.4	--	63.9	--	%
% SURROGATE RECOVERIES:	116	--	132	--	336*	--	%

Analysis performed by EPA Method 8080 Organochlorine Pesticides and PCB's on 11/29/94 and extracted on 12/08/94.

*High % recovery due to matrix pattern interference (acceptable range: 34-183%).

**Percent Solids analysis performed by EPA Method 160.3 on 12/09/94.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94126329

EPA METHOD 8270 SEMIVOLATILES (ACIDS/BASE NEUTRALS)
MATRIX : SOLID

PARAMETER	WET WT	DRY WT	WET WT	DRY WT	WET WT	DRY WT	METHOD
	LOCATION #10		LOCATION #9		LOCATION #14		BLANK
ACENAPHTHENE	<620	<700	<620	<720	<1,200	<1,900	<330
ACENAPTHYLENE	<620	<700	<620	<720	<1,200	<1,900	<330
ANTHRACENE	760	850	<620	<720	<1,200	<1,900	<330
BENZIDINE	<1,300	<1,500	<1,300	<1,600	<2,500	<3,900	<660
BENZO(a)ANTHRACENE	2,600	2,900	<620	<700	<1,200	<1,900	<330
BENZO(a)PYRENE	2,400	2,700	<620	<700	<1,200	<1,900	<330
BENZO(b)FLUORANTHENE	2,800	3,000	<620	<700	<1,200	<1,900	<330
BENZO(ghi)PERYLENE	2,000	2,200	630	800	<1,200	<1,900	<330
BENZO(k)FLUORANTHENE	1,800	2,000	<620	<700	<1,200	<1,900	<330
BENZOIC ACID	<1,300	<1,500	<1,300	<1,600	<2,500	<3,900	<660
BENZYL ALCOHOL	<1,300	<1,500	<1,300	<1,600	<2,500	<3,900	<660
BENYL BUTYL PHTHALATE	<620	<700	<620	<700	<1,200	<1,900	<330
BIS(2-CHLOROETHOXY)METHANE	<620	<700	<620	<700	<1,200	<1,900	<330
BIS(2-CHLOROETHYL)ETHER	<620	<700	<620	<700	<1,200	<1,900	<330
BIS(2-CHLOROISOPROPYL)ETHER	<620	<700	<620	<700	<1,200	<1,900	<330
BIS(2-ETHYLHEXYL)PHTHALATE	700	800	990	1,200	32,000	50,000	<330
4-BROMOPHENYLPHENYL ETHER	<620	<700	<620	<700	<1,200	<1,900	<330
4-CHLORO-3-METHYLPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
4-CHLOROANILINE	<620	<700	<620	<700	<1,200	<1,900	<330
2-CHLORONAPHTHALENE	<620	<700	<620	<700	<1,200	<1,900	<330
2-CHLOROPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
4-CHLOROPHENYL PHENYL ETHER	<620	<700	<620	<700	<1,200	<1,900	<330
CHRYSENE	2,200	2,500	<620	<700	<1,200	<1,900	<330
DIBENZO(a,h)ANTHRACNE	900	1,000	<620	<700	<1,200	<1,900	<330
DIBENZOFURAN	<620	<700	<620	<700	<1,200	<1,900	<330
1,2-DICHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
1,3-DICHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
1,4-DICHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
3,3'-DICHLOROBENZIDINE	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
DIETHYL PHTHALATE	<620	<700	<620	<700	<1,200	<1,900	<330
2,4-DICHLOROPHENOL	<620	<700	<1,200	<1,400	<1,200	<1,900	<330
DIMETHYL PHTHALATE	<620	<700	<1,200	<1,400	<1,200	<1,900	<330
DI-N-BUTYL PHTHALATE	6,000	6,700	2,700	3,000	<1,200	<1,900	1,400
DI-N-OCTYL PHTHALATE	<620	<700	<620	<700	<1,200	<1,900	<330
2,4-DINITROTOLUENE	<620	<700	<620	<700	<1,200	<1,900	<330
2,6-DINITROTOLUENE	<620	<700	<620	<700	<1,200	<1,900	<330
FLUORANTHENE	3,200	3,600	<620	<700	12,000	19,000	<330
FLOURENE	<620	<700	<620	<700	<1,200	<1,900	<330

Analysis performed by EPA Method 8270 Solid Waste on 12/08/94 and extracted on 12/07/94.
Results expressed in ug/kg.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.

909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : AFI ENVIRONMENTAL
6101 ROBINSON RD
LOCKPORT, NY 14094

ATTN : BILL HEITZENRATER

DATE REC'D. : 11/01/94
LABORATORY NO. : 94115635
REPORT DATE : 12/08/94

RE : WMNY, GANSON ST.
BUFFALO, NY

SAMPLE INFORMATION

SAMPLE DATE : 10/31/94
SAMPLE TIME : 3:15-4:00 PM
NUMBER OF SAMPLES : 3

LOCATION : SEE REFERENCE
TYPE OF SAMPLE: SOILS/SLUDGE
SAMPLER : CLIENT

LABORATORY REPORT

PARAMETER	S-1 WET WEIGHT	S-1 DRY WEIGHT	S-2 WET WEIGHT	S-2 DRY WEIGHT	S-3 WET WEIGHT	S-3 DRY WEIGHT	EPA METHOD	DATE ANALYZED
% SOLID (%)	86.8	--	95.4	--	64.1	--	160.3	11/04
TOTAL CYANIDE	1.25	1.44	0.87	0.91	1.53	2.39	9010	11/17
ARSENIC	30.7	35.3	5.31	5.58	2.54	3.96	7060	11/16
BARIUM	304	350	170	179	208	324	7080	11/08
CADMIUM	<2.13	<2.45	<2.23	<2.34	4.63	7.22	7130	11/07
CHROMIUM	31.8	36.6	18.6	19.5	19.9	31.0	7190	11/09
LEAD	342	393	49.1	51.6	83.8	131	7420	11/08
MERCURY	0.11	0.13	0.09	0.09	0.14	0.22	7471	11/10
SELENIUM	<0.41	<0.47	<0.44	<0.46	<0.20	<0.31	7740	11/16
SILVER	<2.07	<2.38	<2.22	<2.33	1.72	2.68	7760	11/09

Results expressed in mg/kg except where otherwise noted.

NYSDOH LAB ID # 10390
acq

ALAN J. LABWIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

EPA METHOD 8240 : VOLATILE ORGANICS

PARAMETER	S-1		S-2		S-3		METHOD	INSTRUMENT
	WW	DW	WW	DW	WW	DW	BLANK	BLANK (ug/l)
CHLOROMETHANE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
VINYL CHLORIDE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
BROMOMETHANE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
CHLOROETHANE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
1,1-DICHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
CARBON DISULFIDE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
ACETONE	<125	<144	66	69	<25,000	<39,000	<50	<50
METHYLENE CHLORIDE	<12	<14	<5	<5	<2,500	<3,900	17	<5
TRANS-1,2-DICHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
CIS-1,2-DICHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,1-DICHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
2-BUTANONE	<125	<144	<50	<52	<25,000	<39,000	<50	<50
CHLOROFORM	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,1,1-TRICHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
CARBON TETRACHLORIDE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
BENZENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,2-DICHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
TRICHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,2-DICHLOROPROPANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
VINYL ACETATE	<125	<144	<50	<52	<25,000	<39,000	<50	<50
BROMODICHLOROMETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
cis-1,3-DICHLOROPROPANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
4-METHYL-2-PENTANONE	<125	<144	<50	<52	<25,000	<39,000	<50	<50
TOLUENE	<12	<14	<5	<5	40,000	62,400	<5	<5
TRANS-1,3-DICHLOROPROPENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,1,2-TRICHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
TETRACHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
2-HEXANONE	<125	<144	<50	<52	<25,000	<39,000	<50	<50
DIBROMOCHLOROMETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
CHLOROBENZENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
ETHYLBENZENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
TOTAL XYLENES	<25	<29	<10	<11	<5,000	<7,800	<10	<10
STYRENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
BROMOFORM	<25	<29	<10	<11	<5,000	<7,800	<10	<10
1,1,2,2-TETRACHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
% SURROGATE RECOVERIES:								
1,2-DCE-d4 (70-121)	93 %		88 %		102 %		102 %	88 %
TOL-d8 (81-117)	118 %		114 %		99 %		99 %	98 %
4-BFB (74-121)	82 %		85 %		93 %		92 %	94 %

CASE NARRATIVE: Sample 1 had 2 grams analyzed. The presence of petroleum hydocarbons in matrix preclude lower reporting limits. Sample 3 analyzed by Medium Level Extraction Method (4 gm/10 ml); 0.025 ml/5 ml was purged and trapped FD 500x. The presence of petroleum hydrocarbons in matrix precludes lower reporting levels.

COMMENTS: WW = Wet Weight, DW = Dry Weight, Results expressed in ug/kg.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94126329

EPA METHOD 8270 SEMIVOLATILES (ACIDS/BASE NEUTRALS)
MATRIX : SOLID

PARAMETER	WET WT LOCATION #10	DRY WT LOCATION #10	WET WT LOCATION #9	DRY WT LOCATION #9	WET WT LOCATION #14	DRY WT LOCATION #14	METHOD BLANK
HEXACHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
HEXACHLOROBUTADIENE	<620	<700	<620	<700	<1,200	<1,900	<330
HEXACHLOROCYCLOPENTADIENE	<620	<700	<620	<700	<1,200	<1,900	<330
HEXACHLOROETHANE	<620	<700	<620	<700	<1,200	<1,900	<330
INDENO-(1,2,3,-c,d)PYRENE	1,700	1,900	<620	<700	<1,200	<1,900	<330
ISOPHORONE	<620	<700	<620	<700	<1,200	<1,900	<330
2-METHYL-4,6-DINITROPHENOL	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
2-METHYLNAPTHALENE	<620	<700	630	800	<1,200	<1,900	<330
2-METHYLPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
4-METHYLPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
NAPHTHALENE	<620	<700	<620	<700	<1,200	<1,900	<330
2-NITROANILINE	<620	<700	<620	<700	<1,200	<1,900	<330
3-NITROANILINE	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
4-NITROANILINE	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
NITROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
2-NITROPHENOL	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
4-NITROPHENOL	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
n-NITROSODIMETHYLAMINE	<620	<700	<620	<700	<1,200	<1,900	<330
n-NITROSODI-n-PROPYLAMINE	<620	<700	<620	<700	<1,200	<1,900	<330
n-NITROSODIPHENYLAMINE	<620	<700	<620	<700	<1,200	<1,900	<330
PENTCHLOROPHENOL	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
PHENANTHRENE	3,000	3,400	690	800	15,000	23,000	<330
PHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
PYRENE	4,600	5,000	930	1,000	16,000	25,000	<330
1,2,4-TRICHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
2,4,5-TRICHLOROPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
2,4,6-TRICHLOROPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
% SURROGATE RECOVERIES:							
ACID EXTRACTABLE							
2-FLUORPHENOL (25-121)	100	--	94	--	38	--	82
PHENOL-d5 (10-94)	96	--	96	--	31	--	76
2,4,6 TRIBROMOPHENOL(19-122)	99	--	94	--	32	--	78
NITROBENZENE-d5 (23-120)	88	--	88	--	28	--	77
2-FLUOROBIPHENYL (30-115)	100	--	100	--	47	--	82
TERPHENYL-d14 (18-137)	112	--	118	--	51	--	84

Analysis performed by EPA Method 8270 Solid Waste on 12/08/94 and extracted on 12/06/94.
Results expressed in ug/kg.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOWER LABORATORIES

CHAIN OF CUSTODY RECORD

Client Name: AFI Environmental

Mailing Address: 6103 Robinson Rd
Lockport, NY 14094

LABORATORY NO: 94111 5635

Project Name: WMNY, Gansen St, Buffalo, NY

SAMPLE IDENTIFICATION	DATE	TIME	LOCATION	SAMPLE TYPE	ANALYSIS: BNA, Pest/PCB, TCL, TCL Inorganics	NUMBER OF CONTAINERS	REMARK
S-1	10/31/94	15:15	SS-10	Soil	✓ ✓ ✓ ✓	4 2-8oz	Hand Auger
S-2	10/31/94	15:50	SS-11	Soil	✓ ✓ ✓ ✓	4 2-8oz	Hand Auger
S-3	10/31/94	16:00	SS-14	Sludge	✓ ✓ ✓ ✓	4 2-8oz	Catch Basin

SAMPLED BY: Scott M. Cody
SIGN

RELINQUISHED BY: 1 Scott M. Cody SIGN 11/1/94 DATE 13:56 TIME

2 SIGN DATE TIME

3 SIGN DATE TIME

4 SIGN DATE TIME

RECEIVED BY: 1 SIGN DATE TIME

2 SIGN DATE TIME

3 SIGN DATE TIME

4 SIGN DATE TIME

METHOD OF SHIPMENT: Client drop-off

Scott M. Cody
SIGN

RECEIVED FOR LABORATORY BY:
SIGN
DATE 11/1/94
TIME 1564

LAB ZIER LABORATORIES

CHAIN OF CUSTODY RECORD

ATTN: BILL HEITZENRATER

Client Name: AFI ENVIRONMENTAL

Mailing Address:

Results by FRIDAY 12/9

LABORATORY NO: 6329

Project Name: GRAYSON ST, BUFFALO N.Y. Resamples

SAMPLE IDENTIFICATION	DATE	TIME	LOCATION	SAMPLE TYPE	ANALYSIS: Semi VOA TCL	ANALYSIS: PCB/PEST.	NUMBER OF CONTAINERS	REMARK
Soil-Surface-6" #1	12-6-94	1220	Location #10	Comp. Grab	X	X	1	
Soil Surface-6" #2	"	1257	Location #7	Comp	"	"	1	
Sludge #3	"	1247	Location #14	Comp	"	"	1	

SAMPLED BY: B. Cahill (SIGN)

	1	2	3	4
RELINQUISHED BY:	SIGN: B Cahill DATE: 12-6-94 TIME: 1445	SIGN: DATE: TIME:	SIGN: DATE: TIME:	SIGN: DATE: TIME:
RECEIVED BY:	SIGN: DATE: TIME:	SIGN: DATE: TIME:	SIGN: DATE: TIME:	SIGN: DATE: TIME:

METHOD OF SHIPMENT: Hand

SIGN: B Cahill

RECEIVED FOR LABORATORY BY:

SIGN:

DATE: 12/6/94 TIME: 2:45

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94126329

CASE NARRATIVE
FOR LOZIER LABORATORY REPORT 94116329

PROBLEM TYPE:

H - HOLDING TIME
T - TUNE
S - SURROGATES
B - BLANKS
C - CALIBRATION
D - DUPLICATES
D - DILUTION
I - INTERNAL STANDARDS
M - MS/MSD/MSB
X - _____
Y - _____
Z - _____

PROBLEM	SAMPLE	ANALYST'S COMMENTS
D	1,2,3	The sample extracts were dark brown and viscous. The presence of petroleum hydrocarbons in the analysis precludes lower reporting levels.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

High Acres Landfill & Recycling Center
425 Pennton Parkway
Fairport, New York 14450
716/223-6132

A Waste Management Comp.

Date: 6/23/95

John Swanson
NYSDEC
6274 East Avon-Lima Rd.
Avon, NY 14414

Dear John,

In accordance with the last paragraph in section IV item 44 of the High Acres Western Expansion Landfill operating permit, please find the attached disposal approval for:

Generator: WM - Buffalo

Waste Stream: cont. soil

Hauler: WM - Buffalo

One Time Disposal:____ Initial Profile: ✓ Recertification:____

Please feel free to contact me should you have any questions.

Sincerely,

Joanne Raguso

Joanne Raguso
Division Compliance Coordinator

Attachment

cc: file

High Acres Landfill
425 Perinton Parkway
Fairport, NY 14450
(716)223-6132

Manifest NO 1270
Western Expansion Site Permit No. NYS DEC 8-2644-00048/00021-0
High Acres Site Permit No. NYSDEC 8-2644-00048/00003

NON-HAZARDOUS SPECIAL WASTE MANIFEST

Generator Section

Generator of Waste (must be filled in by producer) NMG NY - Buffalo
EPA. ID. NO.

Company Address: (Print or Type) 70 N. Gates Lackawanna NY
(No.) (Street) (City) (State) (Zip)

Pick-up Address: 191 Gaines St Buffalo NY
(No.) (Street) (City) (State) (Zip)

Telephone Number: (716) 827-2698

Waste Stream Identification: Contaminated Soil

This manifest represents a non-hazardous waste as per E.P.A. and N.Y.S. D.E.C. regulations

Est Tons: 22 Other (Specify):

Special Handling instructions, if any: None
TARP LOAD

This is to certify that the above named materials are properly classified, described, packages, marked and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 6/29/95 Signature:
(Name and Title)

Transportation Section

Hauler of Waste (must be filled in by hauler) ZOLADZ CONST
ADDRESS: 13999 BROADWAY, ALDEN N.Y. 14004
Pick-up Date: 6-30-95 Truck No. 27 Vehicle Lic. No. PRT554 NY

The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify that the foregoing is true and correct to the best of my knowledge. 34666 G MI

Signature of authorized agent and title (DRIVER) Date: 6-30-95

Disposal Facility

Disposer of Waste (must be filled in by the disposer)
Company Name: High Acres Landfill
Site Location: 425 Perinton Parkway Fairport, NY 14450

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on:

Disposal Date: 6/30/95 Total Tons: Other (Specify):
Signature of authorized agent and title: Scale Operator

White & Canary - Landfill Pink - Hauler Golden Rod - Generator

Lake View Landfill
851 Robison Road
Erie, PA 16509
(814) 825-8588
(800) 394-3455
Office Fax: (814) 825-4338
Lab Fax: (814) 825-4588

Landfill Use Only:
41 42 43 44 47 48 55 ____

PADER Site Permit No. 100329

Manifest 5149

Disposal to be billed to: _____
(Must be filled in by generator)

NON-HAZARDOUS RESIDUAL WASTE MANIFEST

GENERATOR INFORMATION

1. Generator of Waste (must be filled in by Generator): WME/NY/INC

Company Address: 70 (number) NORTH (street) GATES (city) BUFFALO (state) NY (zip code) 14225

Pick-up Address: 191 (number) CANISIUS (street) ST (city) BUFFALO (state) NY (zip code) 14213

Generator Telephone Number: 716 - 827-6640

Name of Waste: SOIL

This manifest represents a non-hazardous waste as per E.P.A. and Pennsylvania D.E.R. regulations.

Estimated Tons: _____ Special handling instructions, if any: _____

This is to certify that the above named material is properly classified, described, packaged, marked, and labeled is in proper condition for transportation according to applicable state and federal law. The waste was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

Signature: [signature] - DISPATCH (Name and Title) Date: _____

TRANSPORTER INFORMATION

2. Hauler of Waste (must be filled in by Hauler): WME/NY/INC

Hauler Address: 70 (number) NORTH (street) GATES (city) BUFFALO (state) NY (zip code) 14218

Pick-up Date: 7.3.95 Truck Number: 478 Vehicle License Number: _____

The above described waste was picked up and hauled by me to the disposal facility named below. I certify that the foregoing is true and correct to the best of my knowledge.

Driver Signature: Mike Donovan (Name and Title) Date: 7.3.95

DISPOSAL SITE INFORMATION

3. Company Name: ~~Lake View Landfill~~ HIGH ACRES

Disposal Site Location: ~~851 Robison Road, East, Erie, PA 16509~~

Waste subject to this manifest was delivered by the above hauler to this disposal facility and was accepted, except as noted in the discrepancy indication space below.

Disposal Date: 7/3/95 Total Tons: _____

Discrepancy Indication Space: _____

Signature of authorized agent: [signature] - Scale Op (Name and Title)

White - Landfill Canary - Generator Final Green - 3rd Party Pink - Hauler Goldenrod - Generator Original

Lake View Landfill
851 Robison Road
Erie, PA 16509
(814) 825-8588
(800) 394-3455
Office Fax: (814) 825-4338
Lab Fax: (814) 825-4588

Landfill Use Only:
41 42 43 44 47 48 55 ____

PADER Site Permit No. 100329

Manifest 61490

Disposal to be billed to: _____
(Must be filled in by generator)

NON-HAZARDOUS RESIDUAL WASTE MANIFEST

GENERATOR INFORMATION

1. Generator of Waste (must be filled in by Generator): WMI/NY INC

Company Address: 791 70 NORTH CATES BUFFALO NY 14215
(number) (street) (city) (state) (zip code)

Pick-up Address: 191 CANSON ST BUFFALO NY 14207
(number) (street) (city) (state) (zip code)

Generator Telephone Number: 716- 828-2670

Name of Waste: SOIL

This manifest represents a non-hazardous waste as per E.P.A. and Pennsylvania D.E.R. regulations.

Estimated Tons: _____ Special handling instructions, if any: _____

This is to certify that the above named material is properly classified, described, packaged, marked, and labeled is in proper condition for transportation according to applicable state and federal law. The waste was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

Signature: Joe Rzych DISPATCH Date: _____
(Name and Title)

TRANSPORTER INFORMATION

2. Hauler of Waste (must be filled in by Hauler): WMI/NY INC

Hauler Address: 70 N CATES BUFFALO NY 14206
(number) (street) (city) (state) (zip code)

Pick-up Date: 7.3.95 Truck Number: 478 Vehicle License Number: _____

The above described waste was picked up and hauled by me to the disposal facility named below. I certify that the foregoing is true and correct to the best of my knowledge.

Driver Signature: Mike Donovan Date: 7.3.95
(Name and Title)

DISPOSAL SITE INFORMATION

3. Company Name: ~~Lake View Landfill~~ High Acres

Disposal Site Location: ~~851 Robison Road, East, Erie, PA 16509~~

Waste subject to this manifest was delivered by the above hauler to this disposal facility and was accepted, except as noted in the discrepancy indication space below.

Disposal Date: 7/3/95 Total Tons: _____

Discrepancy Indication Space: _____

Signature of authorized agent: _____ Scale Op
(Name and Title)

White - Landfill Canary - Generator Final Green - 3rd Party Pink - Hauler Goldenrod - Generator Original

Lake View Landfill
851 Robison Road
Erie, PA 16509
(814) 825-8588
(800) 394-3455
Office Fax: (814) 825-4338
Lab Fax: (814) 825-4588

#479

Landfill Use Only:
41 42 43 44 47 48 55 ____

PADER Site Permit No. 100329

Manifest 01491

Disposal to be billed to: _____
(Must be filled in by generator)

NON-HAZARDOUS RESIDUAL WASTE MANIFEST

GENERATOR INFORMATION

1. Generator of Waste (must be filled in by Generator): WMI/NY INC

Company Address: 70 (number) NORTH GATES (street) BUFFALO (city) NY (state) 14213 (zip code)

Pick-up Address: 191 (number) CANAL (street) ST (city) BUFFALO (state) NY 14213 (zip code)

Generator Telephone Number: 716-827-2640

Name of Waste: CONTAMINATED SOIL

This manifest represents a non-hazardous waste as per E.P.A. and Pennsylvania D.E.R. regulations.

Estimated Tons: _____ Special handling instructions, if any: _____

This is to certify that the above named material is properly classified, described, packaged, marked, and labeled is in proper condition for transportation according to applicable state and federal law. The waste was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

Signature: Joseph [illegible] (Name and Title) Date: 7-5-95

TRANSPORTER INFORMATION

2. Hauler of Waste (must be filled in by Hauler): WMI/NY INC

Hauler Address: 70 (number) NORTH GATES (street) BUFFALO (city) NY (state) 14213 (zip code)

Pick-up Date: 7-5-95 Truck Number: 477 Vehicle License Number: PA 7638

The above described waste was picked up and hauled by me to the disposal facility named below. I certify that the foregoing is true and correct to the best of my knowledge.

Driver Signature: Mike Krombe (Name and Title) Date: 7-5-95

DISPOSAL SITE INFORMATION

3. Company Name: ~~Lake View Landfill~~ HIGH ACRES

Disposal Site Location: ~~851 Robison Road, East, Erie, PA 16509~~

Waste subject to this manifest was delivered by the above hauler to this disposal facility and was accepted, except as noted in the discrepancy indication space below.

Disposal Date: 7/6/95 Total Tons: _____

Discrepancy Indication Space: _____

Signature of authorized agent: [illegible] (Name and Title)

White - Landfill Canary - Generator Final Green - 3rd Party Pink - Hauler Goldenrod - Generator Original

Lake View Landfill
951 Robison Road
Erie, PA 16509
(814) 825-8588
(800) 394-3455
Office Fax: (814) 825-4338
Lab Fax: (814) 825-4588

478

Landfill Use Only:
41 42 43 44 47 48 55 ____

PADER Site Permit No. 100329

Manifest 61492

Disposal to be billed to: _____
(Must be filled in by generator)

NON-HAZARDOUS RESIDUAL WASTE MANIFEST

GENERATOR INFORMATION

1. Generator of Waste (must be filled in by Generator): WMI/NY/INC

Company Address: 70 (number) NORTH (street) GATES (city) BUFFALO (state) NY (zip code) 14213

Pick-up Address: 191 (number) WASSON (street) ST (city) BUFFALO (state) NY (zip code) 14203

Generator Telephone Number: (716) 827-2640

Name of Waste: CONTAMINATED SOIL

This manifest represents a non-hazardous waste as per E.P.A. and Pennsylvania D.E.R. regulations.

Estimated Tons: _____ Special handling instructions, if any: _____

This is to certify that the above named material is properly classified, described, packaged, marked, and labeled is in proper condition for transportation according to applicable state and federal law. The waste was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

Signature: Joseph Lyon (Name and Title) Date: _____

TRANSPORTER INFORMATION

2. Hauler of Waste (must be filled in by Hauler): WMI/NY/INC

Hauler Address: 70 (number) NORTH (street) GATES (city) BUFFALO (state) NY (zip code) 14218

Pick-up Date: 7.5.95 Truck Number: 478 Vehicle License Number: _____

The above described waste was picked up and hauled by me to the disposal facility named below. I certify that the foregoing is true and correct to the best of my knowledge.

Driver Signature: Mike Donovan (Name and Title) Date: 7.5.95

DISPOSAL SITE INFORMATION

3. Company Name: ~~Lake View Landfill~~ HILLTOP ACRES

Disposal Site Location: ~~951 Robison Road, East, Erie, PA 16509~~

Waste subject to this manifest was delivered by the above hauler to this disposal facility and was accepted, except as noted in the discrepancy indication space below.

Disposal Date: 7/5/95 Total Tons: _____

Discrepancy Indication Space: _____

Signature of authorized agent: _____ (Name and Title)

White - Landfill Canary - Generator Final Green - 3rd Party Pink - Hauler Goldenrod - Generator Original

Lake View Landfill
851 Robison Road
Erie, PA 16509
(814) 825-8588
(800) 394-3455
Office Fax: (814) 825-4338
Lab Fax: (814) 825-4588

#478

Landfill Use Only:
41 42 43 44 47 48 55 ____

PADER Site Permit No. 100329

Manifest 61493

Disposal to be billed to: _____
(Must be filled in by generator)

NON-HAZARDOUS RESIDUAL WASTE MANIFEST

GENERATOR INFORMATION

1. Generator of Waste (must be filled in by Generator): WMI/NY INC

Company Address: 70 (number) SOUTH (street) GATES (city) BUFFALO (state) NY (zip code) 14213

Pick-up Address: 191 (number) CANNON (street) ST (city) BUFFALO (state) NY (zip code) 14603

Generator Telephone Number: 716 - 822-2640

Name of Waste: CONTAMINATED SOIL

This manifest represents a non-hazardous waste as per E.P.A. and Pennsylvania D.E.R. regulations.

Estimated Tons: _____ Special handling instructions, if any: _____

This is to certify that the above named material is properly classified, described, packaged, marked, and labeled is in proper condition for transportation according to applicable state and federal law. The waste was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

Signature: Joseph Agnello (Name and Title) Date: _____

TRANSPORTER INFORMATION

2. Hauler of Waste (must be filled in by Hauler): WMI/NY INC

Hauler Address: 70 (number) SOUTH GATES (street) BUFFALO (city) NY (state) 14213 (zip code)

Pick-up Date: 7-5-95 Truck Number: 478 Vehicle License Number: _____

The above described waste was picked up and hauled by me to the disposal facility named below. I certify that the foregoing is true and correct to the best of my knowledge.

Driver Signature: Mike Donovan (Name and Title) Date: 7-5-95

DISPOSAL SITE INFORMATION

3. Company Name: ~~Lake View Landfill~~ Hyo-Tech Acres

Disposal Site Location: ~~851 Robison Road, East, Erie, PA 16509~~

Waste subject to this manifest was delivered by the above hauler to this disposal facility and was accepted, except as noted in the discrepancy indication space below.

Disposal Date: 7/5/95 Total Tons: _____

Discrepancy Indication Space: _____

Signature of authorized agent: _____ (Name and Title)

White - Landfill Canary - Generator Final Green - 3rd Party Pink - Hauler Goldenrod - Generator Original

Lake View Landfill
851 Robison Road
Erie, PA 16509
(814) 825-8588
(800) 394-3455
Office Fax: (814) 825-4338
Lab Fax: (814) 825-4588

#477

Landfill Use Only:
41 42 43 44 47 48 55 ____

PADER Site Permit No. 100329

Manifest 61494

Disposal to be billed to: _____
(Must be filled in by generator)

NON-HAZARDOUS RESIDUAL WASTE MANIFEST

GENERATOR INFORMATION

1. Generator of Waste (must be filled in by Generator): WMI/NY IDL

Company Address: 70 (number) NORTH (street) GATES (city) BUFFALO (state) NY (zip code) 14213

Pick-up Address: 191 (number) CANSON (street) ST (city) BUFFALO (state) NY (zip code) 14203

Generator Telephone Number: (716) 827-2640

Name of Waste: CONTAMINATED SOIL

This manifest represents a non-hazardous waste as per E.P.A. and Pennsylvania D.E.R. regulations.

Estimated Tons: _____ Special handling instructions, if any: _____

This is to certify that the above named material is properly classified, described, packaged, marked, and labeled is in proper condition for transportation according to applicable state and federal law. The waste was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

Signature: Jospeh Lyle (Name and Title) Date: 7-5-95

TRANSPORTER INFORMATION

2. Hauler of Waste (must be filled in by Hauler): WMI/NY IDL

Hauler Address: 70 (number) NORTH (street) GATES (city) BUFFALO (state) NY (zip code) 14218

Pick-up Date: 7-5-95 Truck Number: 477 Vehicle License Number: PA-7638

The above described waste was picked up and hauled by me to the disposal facility named below. I certify that the foregoing is true and correct to the best of my knowledge.

Driver Signature: Mike T Kronke (Name and Title) Date: 7-5-95

DISPOSAL SITE INFORMATION

3. Company Name: ~~Lake View Landfill~~ HIGH ACRES

Disposal Site Location: ~~851 Robison Road, East, Erie, PA 16509~~

Waste subject to this manifest was delivered by the above hauler to this disposal facility and was accepted, except as noted in the discrepancy indication space below.

Disposal Date: 7/6/95 Total Tons: _____

Discrepancy Indication Space: _____

Signature of authorized agent: _____ (Name and Title)

White - Landfill Canary - Generator Final Green - 3rd Party Pink - Hauler Goldenrod - Generator Original

APPENDIX C

PHOTOGRAPH DESCRIPTION

1) Plugged Storm Water Drain South of Shop

2) Plugged Storm Water Drain East of Shop

3) Plugged Storm Water Drain South East of Shop

4) Petroleum Stains Along East Fence

5) Excavation Near UST Tank Area

6) Petroleum Stains Along Building

7) Spot Clean Up Along East Property Line

8) Excavation Near Roll-Off Staging Area

9) Spot Clean Up South Parking Lot

10) Drum Removal North West Corner

11) Drill Cuttings Drum

12) Drum Removal North East Corner

13) Cleaned Storm Drain East of Shop

14) Cleaned Storm Drain South of Shop

15) Cleaned Storm Drain South East of Shop

16) New Pavement East of Shop

17) New Pavement South of Shop

18) Spot Clean Up East of Shop

19) Filling Roll-Off Staging Area Excavation

20) Regraded UST Location

21) Regraded Tank Roll-Off



1



2



3



4



5



6



7



8



9



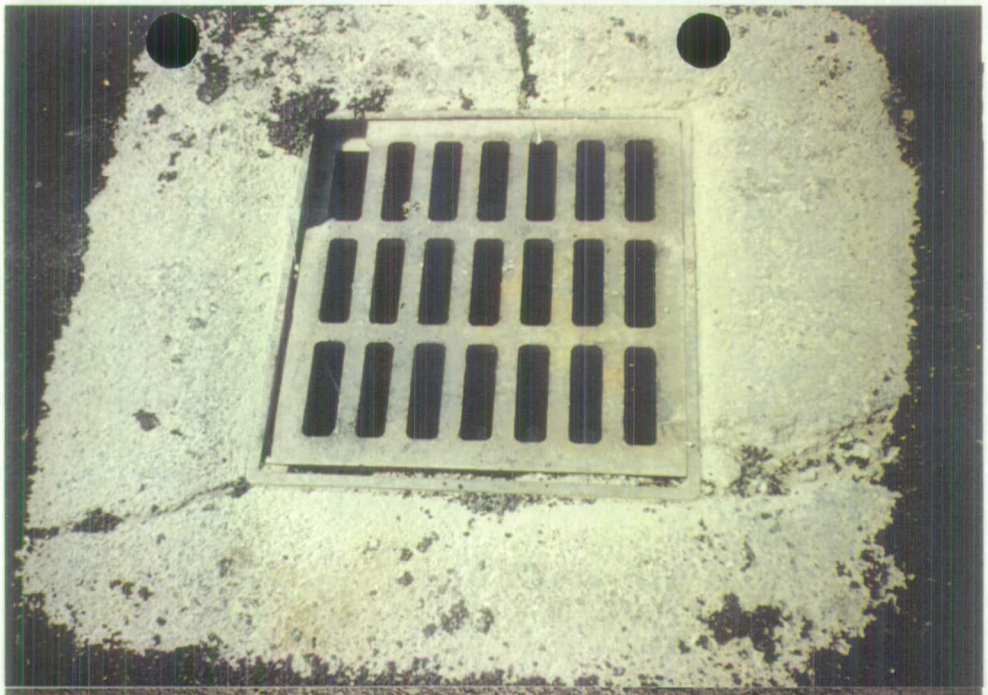
10



1



12



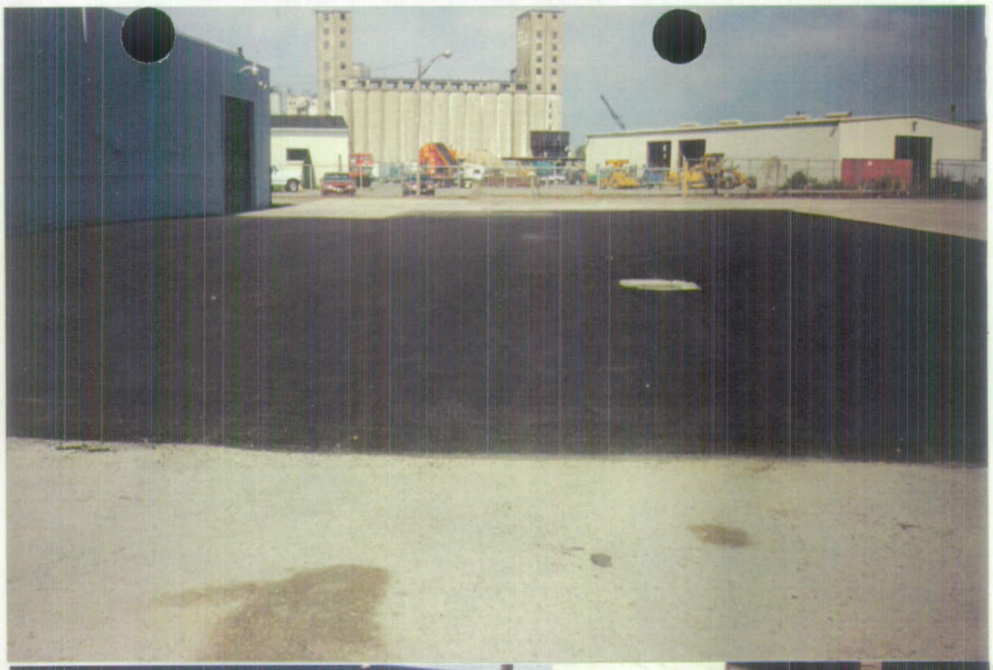
13



14



15



16



17



18



19



20



21

High Acres Landfill & Recycling Center
425 Perinton Parkway
Fairport, New York 14450
716/223-6132

A Waste Management Company

May 12, 1995

9501488

RECEIVED
MAY 16 1995
NYSDEC-REG. 9
FOIL
REL UNREL

Rob Crossen
NYSDEC - Spills Management
270 Michigan Avenue
Buffalo, New York, 14203-2999

RML
SJC
RMC

Re: Remedial Investigations WMNY - Ganson Street Property

SYNOPSIS ?

Dear Mr. Crossen:

Enclosed with this letter are copies of the Phase II and Phase III (Remedial Soil Investigation) reports that have been generated as part of an environmental assessment being perform at the Waste Management of New York, Inc. hauling division property on Ganson Street in Buffalo, N.Y.. Also included with the two reports is a copy of the work plan for the Phase III investigation. As I mentioned during our recent telephone conversation, the environmental assessment was performed as part of a purchase and sale agreement, where WMNY was selling the Ganson Street property to another party.

As the result of the various phases of the environmental assessment, it has been noted that there are localized areas of impacted soil as the result of fueling spills and leakage from parked vehicles. The impacted areas are nothave ed in the attached Phase III report. When you review the Phase II report you will note that five shallow overburden monitoring wells been installed and that groundwater samples have been obtained and analyzed with no impacts observed. In addition several soil and sediment samples were obtained and the results of these samples prompted the Phase III investigation.

The Phase III investigation contains recommendations for soil removal and additional testing to document that the impacted soils have been removed. We would like to be able to initiate the soil removal and additional testing as soon as possible, since the hauling division will be required to vacate the property to the new owner by mid June 1995.

Your timely review of these reports is very much appreciated. Please feel free to contact me, should you have any questions or comments regarding this matter. Thank-you.

Sincerely,

John A. Minichiello
Environmental Engineering Manager

AFI ENVIRONMENTAL
A Division of Buffalo Environmental Consultants, Inc.
7815 Buffalo Avenue • Niagara Falls, New York 14304
Office: (716) 283-7645 Fax: (716) 283-2858

REMEDIAL ACTION PLAN
SOIL INVESTIGATION REPORT

DOWNING CONTAINER
191 GANSON STREET, BUFFALO, NEW YORK

PROJECT #H1025

PREPARED FOR:

WASTE MANAGEMENT OF NEW YORK
425 PERINGTON PARKWAY
FAIRPORT, NEW YORK
14450

PREPARED BY

AFI ENVIRONMENTAL
7815 BUFFALO AVENUE
NIAGARA FALLS, NEW YORK
14304

May 8, 1995

Printed on recycled paper
to help protect the environment.

AFI
ENVIRONMENTAL
A Division of Buffalo Environmental Consultants, Inc.
7815 Buffalo Avenue • Niagara Falls, New York 14304
Office: (716) 283-7645 Fax: (716) 283-2858

May 8, 1995

Mr. John A. Minichiello
425 Perinton Parkway
Fairport, NY 14450

RE: Remedial Soil Investigation Report
Downing Container Services - 191 Ganson St., Buffalo NY
AFI Project # h1025.1

Dear Mr. Minichiello:

Please find enclosed three copies of the Ganson Street Remedial Action Soil Investigation Report for the Downing Container Services 191 Ganson Street, Buffalo, New York location. One Copy is within scope of the original budget, and two copies provided for the New York State DEC are out-of-scope of the original budget.

If you need a change order for the two extra reports please let us know. Should you have any questions, please don't hesitate to call me at (716) 283-7645.

Sincerely,

AFI ENVIRONMENTAL

William L. Heitzenrater
President

Enclosure

h1025/letters/Minichiello

Printed on recycled paper
to help protect the environment.

TABLE OF CONTENTS

1.0	INTRODUCTION	1
1.1	BACKGROUND	1
1.2	PURPOSE AND OBJECTIVES	1
1.3	SCOPE OF WORK	2
2.0	SITE DESCRIPTION	2
3.0	PREVIOUS STUDIES	3
3.1	PHASE I ENVIRONMENTAL ASSESSMENT	3
3.2	PHASE I CONCLUSIONS	4
3.3	MODIFIED PHASE II INVESTIGATION	4
3.3.1	SOIL BORINGS	5
3.3.2	SEDIMENT SAMPLES	5
3.3.3	SAMPLE COLLECTION/SCREENING AND ANALYSIS	5
3.3.4	SOIL	5
3.3.5	SOIL RESULTS	6
3.3.6	GROUNDWATER	6
3.4	PHASE II CONCLUSIONS/RECOMMENDATIONS	6
4.0	REMEDIAL PROGRAM	7
4.1	OVERVIEW	7
4.1.1	HOMOGENIZED COMPOSITE SAMPLES	8
4.1.2	STATISTICAL SAMPLING GRID	8
4.2	ANALYTICAL TESTING	8
5.0	RESULTS	8
6.0	CONCLUSIONS	9
AFI	RECOMMENDATIONS	9

LIST OF FIGURES

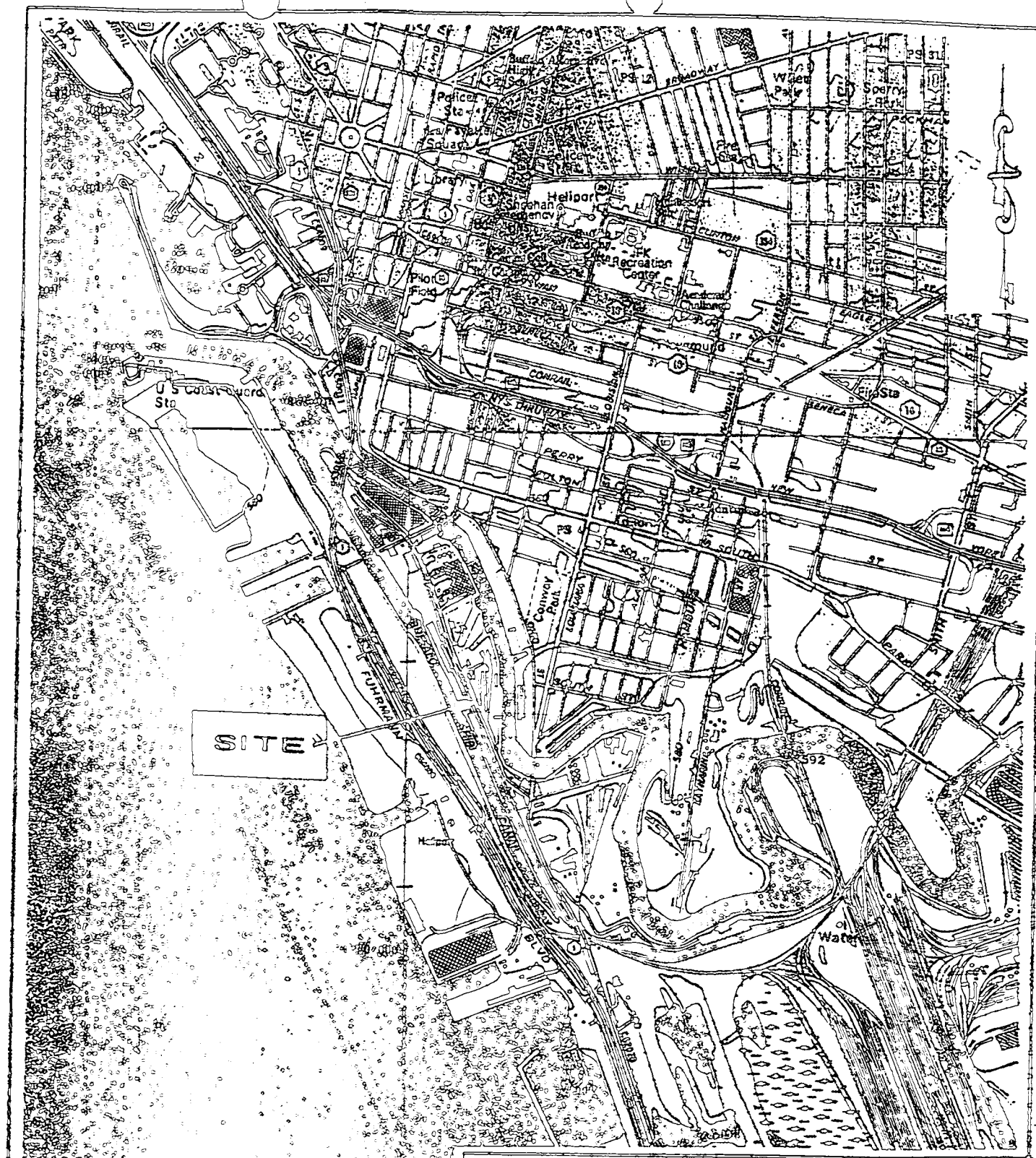
FIGURE 1: SITE LOCATION MAP

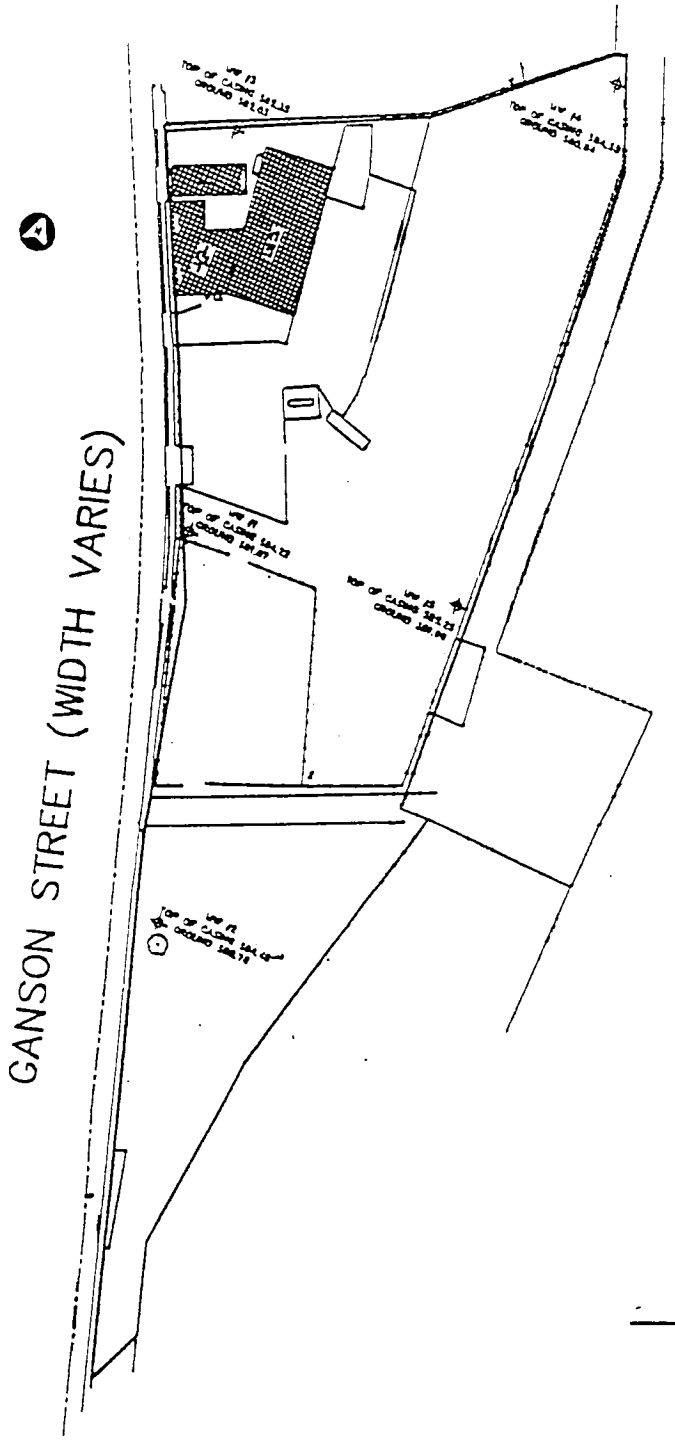
FIGURE 2: SITE PLAN

FIGURE 3: SAMPLE LOCATIONS - PHASE II INVESTIGATION AFI ENVIRONMENTAL

FIGURE 4: STUDY AREAS - REMEDIAL INVESTIGATION

APPENDIX A


SITE
Heliport
Police Sta
Fire Sta
Library
Recreation Center
Pool
Ball Field
Aerial Crossing
CONRAIL
NY's THRUWAY
PERRY
FULTON
SENECA
SOUTH
ERIE
FUHRMANN
BLVD
Canal
Water
Coast Guard Sta
Conway Park
Harmony
Eagle
Clinton
Carroll
Ganson
Michigan
Commodore
Perry
Main
Park
Ohio
Pearl
Division
Swan
Elm
Oak
Seneca
Ellicott
Washington
Delaware
Franklin
Niagara
Church
Court
Genesee
Mohawk
Utica
Huron
Erie
Tupper
Edward
Virginia
Chippewa
Hamburg
Exchange
Lafayette
Broadway
Williams
Goodell
Carlton
Summer
Bryant
Hodge
Bird
Amherst
Rhode Island
Northampton
Potomac
Normal
Best
Bailey
Kensington
Sycamore
Sherman
Dodge
Hoyt
Jefferson
Bennett
Grider
Doat
Sidney
Lisbon
Longfellow
Hickory
Woodward
Hertel
Starin
Lexington
Rockwell
Lovejoy
Ontario
Hazard
Wilkeson
Lawn
Lancaster
Cleveland
Hillside
Rees
Ashland
Dorrance
Dorchester
Dorothy
Dorsey
Dorset
Dorwin
Dorwood
Dorwyn
Dorwyn
Dorwyn



WENDEL

PART OF LOT		SEC.	TWP.	RGE.
CITY	BUFFALO		DATE	11/14/1994
COUNTY	ERIE, NY		SCALE	1"=100'

SITE PLAN

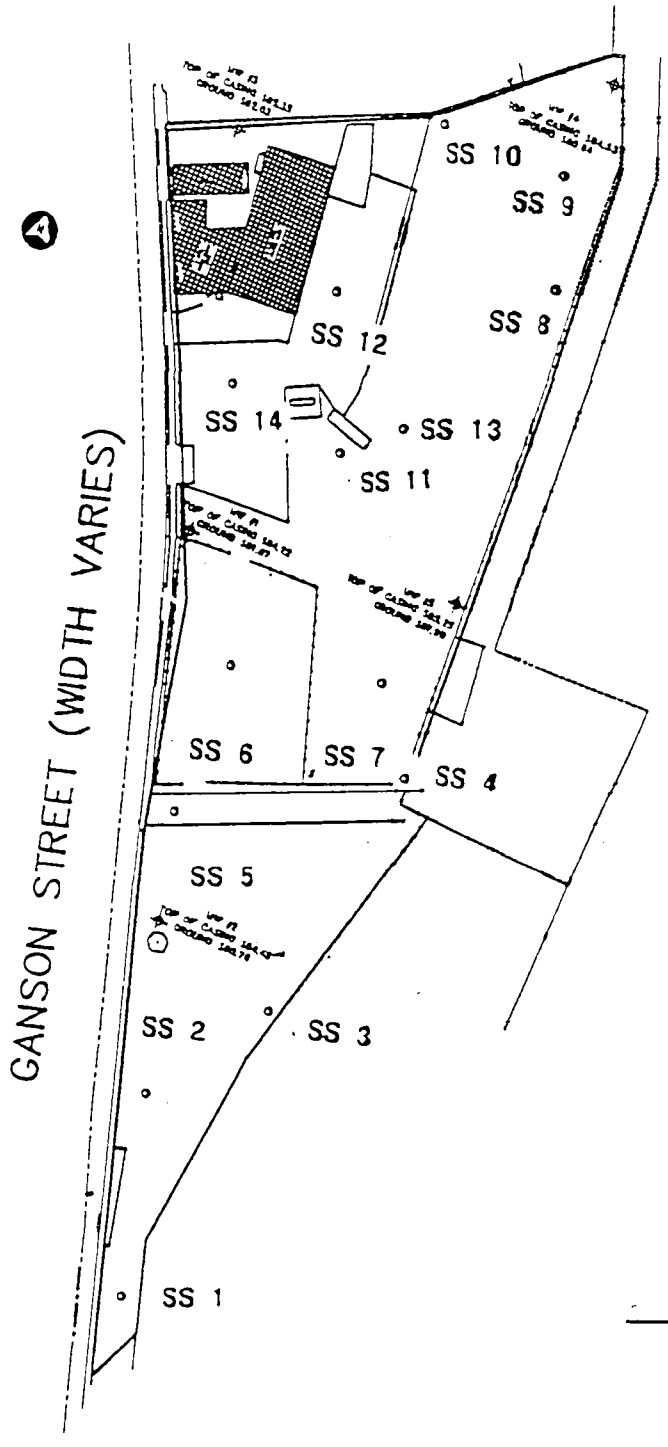
191 GANSON STREET PHASE 2

● PROJECT NO. H 1025

AFI ENVIRONMENTAL

6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO. 2



LEGEND

PROPERTY LINE

- MONITORING WELL

ELEVATIONS SHOWN ARE REFERENCED TO NGVD'29

'SOIL SAMPLE

WENDEL

7456 CASEL ROAD, P.O. BOX 389
LOCKPORT, N.Y. 14095 716-433-9963 716-625-9229

PART OF LOT		SEC.	
CITY	BUFFALO	TWP.	
COUNTY	ERIE, NY	DATE	11/14/1994
		SCALE	1"=100'

SOIL SAMPLE LOCATIONS

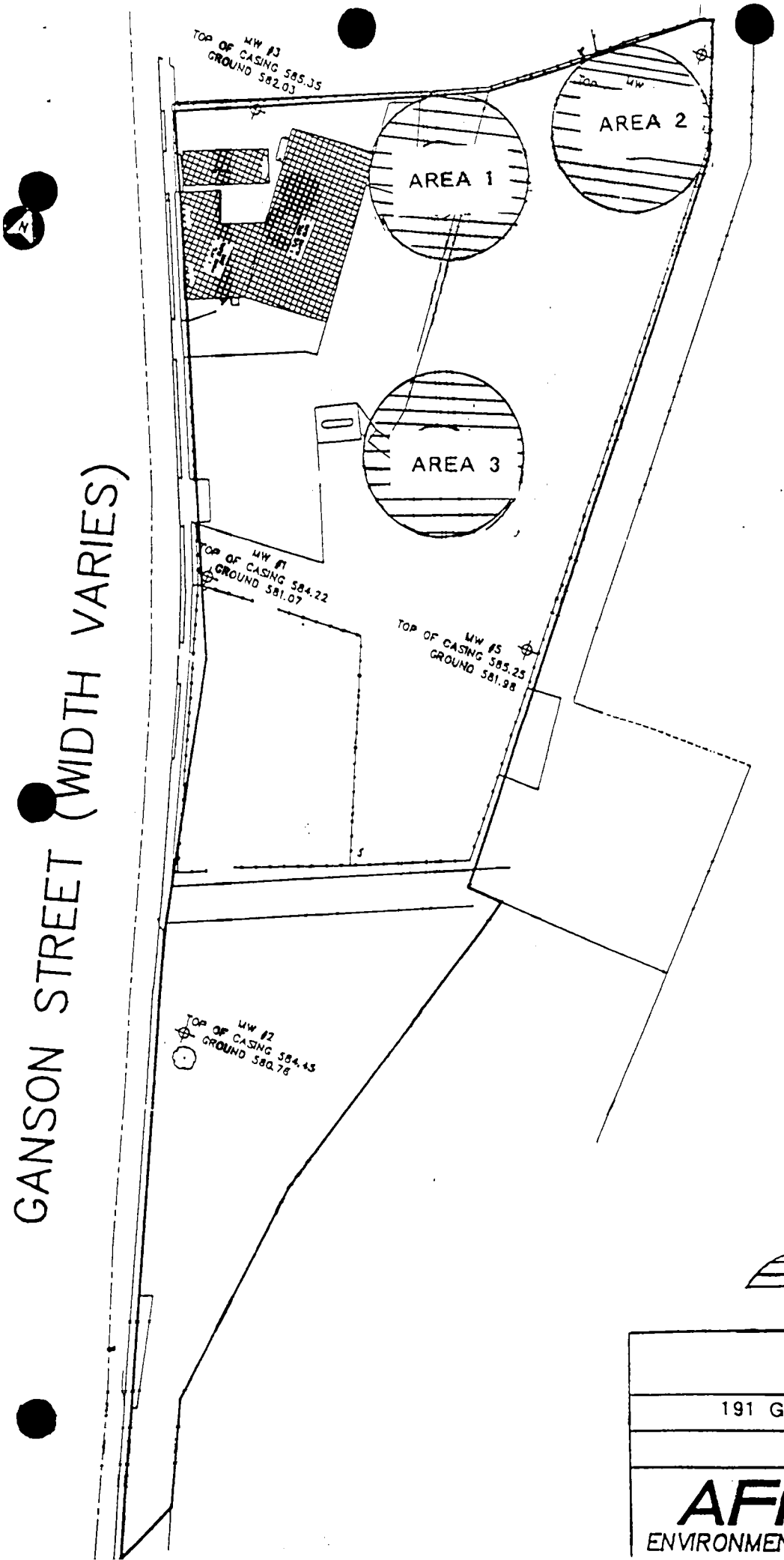
191 GANSON STREET PHASE 2

● PROJECT NO. H 1025

AFI ENVIRONMENTAL

6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO. 3



STUDY AREAS

191 GANSON STREET PHASE 2

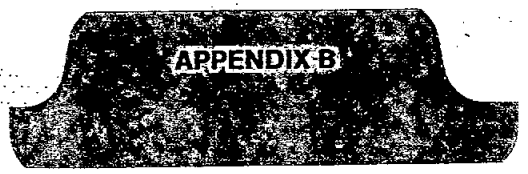
● PROJECT NO. H 1025

AFI ENVIRONMENTAL

6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE N

4


APPENDIX B

1.0 INTRODUCTION

1.1 BACKGROUND

AFI Environmental has prepared this **Remedial Soil Investigation Report (RSIP)** on behalf of Waste Management of New York, Inc. This RSIP is intended to address petroleum impacted soil and sediment encountered at the Downing Container Facility located at 191 Ganson Street, Buffalo, New York (Figure 1). This facility is the storage yard and repair shop for Waste Management of New York's Downing Container Division's garbage pickup, roll-off and rental operation. This RSIP was prepared to address potential areas of environmental concern (AECs) identified in a Phase I Investigation conducted on October 1994 and a modified Phase II Investigation completed on December 1994. The ESA and subsequent Phase II Investigation resulted in the detection of low level organic, inorganic, and PCB constituents in soil and sediment samples collected at the Ganson Street site. The areas of the site in which constituents were indicated include the following (refer to Figure 3).

The chemical analysis of sediment samples collected from within the storm sewer staging areas and gas islands indicated the presence of semi-volatile organic compounds (SVOC), PCBs metals at concentrations which exceed NYSDEC guidance levels. Potential sources which may have individually or collectively resulted in the impact to sediment and soil samples include petroleum based fluids utilized for facility operations; runoff of liquids from the garbage trucks or roll off boxes and fluid leakage from parked trucks and automobiles. Potential pathways of releases from these sources to the storm water control system include; runoff received by the storm sewer from the exterior roll off and truck staging area or fueling islands; and runoff from the parking area captured by the storm sewer.

1.2 PURPOSE AND OBJECTIVES

Waste Management of New York, Inc. retained AFI Environmental to further investigate the areal extent and composition of impact constituents in an attempt, to identify the cost to mitigate existing soil/sediment contamination at their 191 Ganson Street Waste management facility.

This RSIP has been developed for the private use of Waste Management, but in accordance with NYSDEC guidance memorandum.

This report presents the results of previous investigations conducted at the project site; outlines the scope of the Remedial Investigative program, identified the equipment and procedures utilized, and discusses results of the current investigation. This information is presented to identify the extent of soil and sediment contamination and support AFI's recommendation for

remediation/disposal options.

1.3 SCOPE OF WORK

The Remedial Soil Investigation conducted at the Ganson Street facility was consistent with the site specific sampling plan approved by Waste Management. The purpose of the investigation was to characterize the aerial extent of chemical constituents identified in the soils, through establishment of a grid sampling system in each of the three (3) areas identified as: areas of potential concern (AECs); during the previously completed Environmental Phase I and Modified Phase II Investigations. The scope of work consisted of the following remedial objectives:

- o Identification Of Three (3) General Investigative Areas.
- o Establishment Of A Sampling Grid At Each Area.
- o Selection And Implementation Of Soil Sample Collection Techniques.
- o Sample Composite Homogenization Techniques.
- o Development Of A Site Specific And Health And Safety Plan.
- o Data Presentation And Fecommendation For Delineation Of The Area Of Eexcavation And Disposal.

2.0 SITE DESCRIPTION

Figure 1 graphically depicts the property location on Ganson street south of the intersection with Michigan Avenue in the City of Buffalo, Erie County, New York, which is included on the Buffalo SE NY - 7.5 minute quadrangle of the United States Geological Survey (USGS). The site is approximately 4.78 acre in size and contains one office building, one repair/maintenance garage, one detached office trailer, and gravel driveways and parking areas. The site is generally flat with a very slight slope to the east towards the Buffalo River. As shown on Figure 1, the elevation of the property is approximately 580 feet above mean sea level. Site drainage is accomplished by means of uncontrolled overland flow from the stone driveway and parking area to the east, and a series of four catch basins located in the north central portion of the site. These catch basins discharge to the Buffalo Sewer Authority combined stormwater/sanitary sewer system.

The site is currently owned by Downing Container Service, Inc. Figure 2 illustrates the current site plan. The property is bounded by Ganson Street to the west, Integrated Waste Systems, Inc. to the north, Roy Track, Inc. to the east, and General Portland, Inc. to the south and east. All the surrounding

properties are industrial in nature.

Current zoning maps were not available for the site, however, based on the nature of the businesses in the area, it is presumed that the site and surrounding properties are zoned heavy industrial. The site is serviced by municipal water and a combined sanitary/storm sewer system. Other utilities included natural gas from National Fuel and Electric from Niagara Mohawk. The gas is routed to the main building through underground pipes from Ganson Street. Electric is delivered through overhead lines from Ganson Street.

According to the *Soil Survey of Erie County, New York,* the project site is characterized as having urban soils (Ud). This indicates that 80 percent or more of the soil surface is covered by asphalt, concrete, buildings, or other impervious structure. These areas are mostly nearly level to gently sloping.

Groundwater was encountered at the site in each of the monitoring wells. Static water levels measured in the monitoring wells ranged from 2.88 to 8.02 feet below ground surface. Regional groundwater flow direction, inferred from topographic maps, is generally towards the northwest and northeast to the discharge area represented by the Buffalo Ship Canal and the Buffalo River respectively. Local variations in groundwater flow, however, may occur in the site vicinity.

The Federal Emergency Management Association (FEMA) Flood Insurance rate Map (Panel No. 360230 0020) was consulted to determine the flooding potential of this site. It was determined that the site is not located within the one-hundred year of five hundred year flood plains of any waterway, with the exception of the extreme southern tip of the property (<10 percent), which slightly impinges on the five hundred year floodplain of the Buffalo River.

3.0 PREVIOUS STUDIES

3.1 PHASE I ENVIRONMENTAL ASSESSMENT

AFI Environmental performed a Phase I Environmental Assessment (ESA) of the project site in September, 1993. This ESA was conducted in accordance with the procedures outlined in American Society for Testing and Materials (ASTM) Practice E1527-93. As a result, the following items were disclosed:

- There is one RCRIS-TS (Treatment, Storage and Disposal) facility located within 1.0 mile radius of the site. This facility has numerous violations associated with ignitable wastes, heavy metals, and chlorinated solvents.

- The waste hauling operation occupying the subject property was identified as a RCRIS-LG large quantity generator of the following waste types:
  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).
- Additionally, one other RCRIS-LG large quantity generator is located within 0.25 mile radius of the site. This site generates the following waste types:
  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).
  - a solid waste that exhibits the characteristic of corrosivity, but is not listed as a hazardous waste (D002).
- One RCRIS-SG small quantity generator is located within 0.25 mile radius of the site. This site generates the following waste types:
  - spent non-halogenated solvents (F003,F005); and
  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).
- The site itself is a listed petroleum bulk storage facility. Additionally, two (2) petroleum bulk storage tank sites are located within a 0.25 mile radius of the subject property:
- There are three (3) LST (Leaking Storage Tanks) sites located with 0.5 radius of the subject property.

3.2 PHASE I CONCLUSIONS

In accordance with the conclusions drawn in the Phase I ESA Report, the property owner (Waste Management of New York Inc.), in consultation with AFI Environmental, elected to implement a Phase II investigation to examine the subsurface and groundwater of the subject property. The purpose of the investigation was to determine the presence or absence of environmental impacts on the site.

3.3 MODIFIED PHASE II INVESTIGATION

The Phase II subsurface investigation was performed during the period of October 23 to November 2, 1994 with supplemental soil

sampling conducted on December 6, 1994. This investigation was conducted in accordance with the investigation plan developed by AFI Environmental. The final report was issued in December 1994.

3.3.1 MODIFIED PHASE II SOIL BORINGS

Ten (10) soil borings were installed manually using a three (3) inch bucket auger. Soil samples obtained from the bucket auger, from a depth of 0.5' to 1.0', were immediately placed in properly labeled sample containers sealed with tin foil and a screw on cap for screening as described in section 4.3.2. Each soil boring was abandoned following the completion of auguring/sampling activities by backfilling with auger cuttings from the respective borehole.

3.3.2 MODIFIED PHASE II SEDIMENT SAMPLES

Three (3) sediment samples were collected from each of the three onsite catch basins. The samples were collected using a shovel to remove some material from the bottom of the catch basin. Each sediment sample obtained from the catch basins were immediately placed in properly labeled sample containers sealed with tin foil and a screw on cap for screening. Excess material collected from the catch basins was returned to the bottom of the catch basins.

3.3.3 MODIFIED PHASE II SAMPLE COLLECTION/SCREENING AND ANALYSIS TECHNIQUES

The sample collection/screening and analysis program implemented at the project site involved the collection of one (1) groundwater sample from each monitoring well; as well as the field screening of soil and sediment samples to enable the selection of two (2) soil samples from the ten (10) soil borings and one (1) sediment sample for chemical analysis. All sample collection and screening measures were performed in accordance with accepted protocols by an experienced AFI Environmental Geologist. All samples were placed in appropriately labeled sample containers for transport under proper chain of custody record to Lozier Laboratories for chemical analysis.

3.3.4 MODIFIED PHASE II SOIL INVESTIGATION

Soil samples obtained from split-spoons were screened for total organic vapors (TOVs) utilizing an HNU PID after equilibrating at room temperature for one (1) hour. After removing the screw on cap, the foil seal of the sample container was pierced with the probe of the PID, and a measurement was recorded. PID measurements were zero for all split spoon samples collected during monitoring well installation and ranged from 0ppm to 0.7 ppm for the ten (10) soil and three (3) sediment samples.

monitoring well installation and ranged from 0ppm to 0.7 ppm for the ten (10) soil and three (3) sediment samples.

Two (2) samples of the ten (10) soil borings and one (1) sediment sample from the three (3) drainage inlets were selected for chemical analysis based upon the results of field screening. The three (3) soil/sediment samples with the highest measured TOV concentration were placed in a laboratory precleaned and properly labeled sample containers and placed on ice in a cooler for transport under proper chain of custody records to Lozier Laboratories. All soil samples underwent testing in accordance with EPA SW-3846 Method 8240 for VOCs, TCL SEMI-VOCs by method 8270, TCL Pesticides/PCBs by Method 8080, RCRA Metals by Method 6010/7000s, and Cyanide by Method 9012.

3.3.5 MODIFIED PHASE II SOIL RESULTS

Analytical results from the two (2) soil samples and one (1) sediment sample collected from the project site have indicated the presence of a number of volatile organic compounds (VOCs) and semi volatile organic compounds (SEMIVOCs) commonly associated with petroleum constituents, possible from fuel oil. Further, PCB-1260 was detected at all locations sampled and analyzed, with the highest concentration at location #9 (see figure #3).

Based upon the location from which soil samples containing significant concentrations of VOCs and SEMIVOCs were collected; one can assume that impacts to the soil near the former UST location (location #10 and the fueling/container staging area (location #11) has occurred as the results of minor spillage or leaks. This assumption is consistent with the field screening data.

3.3.6 MODIFIED PHASE II GROUNDWATER RESULTS

The chemical analysis of groundwater samples collected from the overburden monitoring wells installed on the site, did not indicate the presence of petroleum constituents in exceedance of NYSDEC guidance values. Based on a comparison with applicable guidance valued established by the NYSDEC STARS Memo #1 and NYSDEC TAGM dated January 24, 1994, it appears that none of the constituents encountered in the soil/sediments have entered the groundwater at any of the areas monitored. Further, it appears that constituents originating from areas off-site are not migrating on-site via the groundwater flow system and that the onsite constituents are not migrating offsite via the groundwater system.

3.4 MODIFIED PHASE II CONCLUSIONS/RECOMMENDATIONS

AFI Environmental collected a total of three (3) soil/sediment and five (5) groundwater samples from the project site for analysis pursuant to NYSDEC Petroleum-Contaminated Soil Guidance Policy. The resulting analytical data was assessed to determine if

petroleum impacted soil was present and to characterize groundwater quality. In general, impacted soil was encountered in varying degrees in the areas sampled. Due to the analytical testing method utilized to SCAN soils no determination was made as to whether contamination encountered exceeded NYSDEC guidance values. It was suggested that some of the particular constituents levels could exceed the NYSDEC STARS limits, but this is unknown because TCLP analysis was not performed. The area of the former UST (sample location #10) demonstrated higher levels for VOCs and SEMIVOCS, than the truck fueling/waste container staging area (sample location #11). However, the sludge/sediment sample (sample location #14) collected from the surface water runoff collection inlet was highest of all, especially for Acetone and Toluene (39,000 and 62,400 ppb respectfully). PCB-1260. A recommendation for TCLP analysis of the suspect area was made.

4.0 REMEDIAL INVESTIGATION

The Remedial Investigation conducted by AFI Environmental involved the collection and analysis of a series of (5) soil subsamples from three (3) distinct areas of concern; the area near the previously excavated UST (Area #1), the northeast roll off staging area (Area #2), and the area near the gas islands and storm sewer inlet (Area #3). These areas were identified during Modified Phase II Investigation as areas of environmental concern (AEC) and they are identified in figure #4. Each area of concern was divided into two (2) study areas and each study area was subjected to five (5) randomly selected subsamples. The subsampling and analysis program was developed to:

- Evaluate chemical constituent concentrations with respect to regulatory levels using TCLP Extraction Protocol; and
- Chemically profile potentially impacted soils and determine rough quantities requiring disposal at appropriately permitted facilities.

4.1 SAMPLING TECHNIQUES

Five (5) randomly selected soil subsamples were collected by an AFI Environmental field representative from each study area. Subsamples were collected at each location by scooping soil from the tailings of a hand auger at a depth of 6" to 18" using a precleaned stainless steel sampling spoon. The soil from each of the five (5) subsamples was placed in a precleaned stainless steel five (5) gallon bucket, and homogenized. A representative subsample was collected from the homogenized soil, in each study area, and placed in precleaned, sample bottle, labeled with the sample number, date and time of collection, sampler's initials, and the analysis requested and transported to Lozier Labs of Rochester under proper chain of custody.

4.1.1 Homogenized Composite Samples

Homogenized composite samples were assembled to characterize background soil quality and to chemically profile soils contained within the area showing previous evidence of contamination. Five (5) discrete subsamples were homogenized into one (1) sample for each study area.

4.1.2 STATISTICAL SAMPLING GRID

Each area of concern was divided into two (2) components or study areas. One component representing the "near-field" area, and a second component representing the "far-field" area. The "near-field" component consisted of a 25' x 25' area of soil "near" the Modified Phase II Investigation sample locations. The second component or "far-field" area consisted of a larger 125' x 125' square area concentric to the "near-field" study area. Both study areas were divided using a standard grid pattern into 36 intersections. The 36 intersection of the "near-field" were created by 5' spacing while the 36 intersections of the "far-field" area were created by 25'spacing. Five (5) locations were randomly selected for soil subsampling inside each study area and one (1) homogenized composite sample was assembled and sent for analysis from each area. This resulted in a total of five (5) samples being sent to Lozier Labs for analysis. (No "near-field" subsample was collected from the storm sewer and gas island area due to the concrete pad and pavement encountered).

4.2 ANALYTICAL TESTING

All soil samples were immediately transported under proper chain of custody records to Lozier Laboratories, Rochester, New York. All samples underwent testing for the Toxicity Characteristic Leaching Procedure (TCLP) STARS Volatiles 1311(8021), and semi-volatile organic compounds (SOCs) in accordance with EPA SW-846 Method 1-311/8220. These analytical methods were selected based upon discussion with Waste Management of New York personnel and due to the types of contaminants identified during earlier investigations at the project site.

5.0 RESULTS

Appendix A includes the results for all analysis conducted on the homogenized composite samples for the three (3) Study Areas. Only one (1) sample (PT #3) from the "near-field" study area #2 (see figure #4) exceeded the New york state Dec Guidance values as presented by the NYSDEC S.T.A.R.S. Program Analtical Test. This exceedance was noted for the chemical Parameter of Napthalene at location #2 where the presented value equalled 18ppb (adjusting for the 5 to 1 dilution equates to 90ppb). All other tested parometer were listed as non-detects or below the detection levels as presented by Lozier Labs.

6.0 CONCLUSIONS

According to SPOTS No. 14 (May 15, 1991) "...if the field analysis does not indicate any contamination at the site, and laboratory analysis of a minimum amount of sampling of soil/water taken from around the tank and piping confirms no contamination at the sample locations, it is reasonable to assume that no contamination exists at the site.

(However) If this minimum sampling does show contamination, then the Department (DEC) must be notified of this contamination and additional laboratory analysis must be conducted."

Since, AFI has already conducted additional analysis and the results from all but one area showed no contamination (utilizing a five (5) to one (1) dilution); it is reasonable to assume that chemical constituents in the soils are limited to the original sampling areas, and the one study area where chemical constituents exceeded guidance values.

AFI RECOMMENDATION

Generally a Phase III Site Assessment; or Exposure Assessment is conducted, at this point, to predict possible migration pathways or routes; and to identify areas where chemical constituents released into the soil may impact public health or the environment.

Phase III procedures generally include mapping the distribution of contamination, and predicting the pathways for exposure. The factors considered during a Phase III study include the volume released (which we do not know, but we assume to be minimal); the absorption capacity of the soil (which is medium to high); the relative ability of the soils to allow water movement (which is low); rate and direction of groundwater movement (known to be slight); and all processes that dilute concentration and limit the area of the contaminated zones (see Phase I and Modified Phase II reports).

However, the lack of detectable levels of the chemical constituents in the onsite monitoring wells; taken in consideration with the lack of detection of chemical constituents in all but one of the suspect areas during the most recent extended sampling; would allow one to conclude that TCLP contamination was limited to the one area demonstrating exceedance of the guidance values and the limited areas near each of the original modified Phase II sampling locations.

As such, AFI recommends that all areas where original contamination was documented during the modified Phase II Investigation be excavated and removed in a 10' x 10' area to a depth of 18". The excavation should be closed with #2 crusher run and/or fill and compacted for immediate use.

Study Area #3 should be excavated to 18", or refusal, throughout entire 25' x 25' boundary and replaced with clean and packed #2 crusher run stone. In addition, any stained areas near the truck parking, or roll off staging area, and fueling islands should be removed and filled with clean #2 crusher run stone and packed. All concrete should be steamed washed and the storm sewer inlets should be thoroughly cleaned with a VAC-Truck and steam washed after sediment removal.

All excavated soils should be staged in plastic lined roll off containers and a representative soil sample collected for waste profiling procedures.

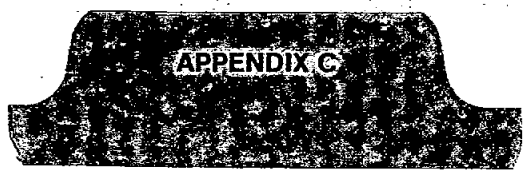
AFI further recommends that additional composite samples be taken from the side walls and bottom of each excavated areas as well as from 1' to 2' beneath the excavation and run for TCLP. This data should be evaluated to assure that all chemical constituents have been removed.

A total of four (4) additional samples would be collected one (1) from each study area and one (1) from the staged soils to document the clean up.

AFI recommends removal of all visually stained soils in each of the study areas to a depth of 18".

All removed and/or contaminated soils should be properly disposed of at a legally permitted facility.

AFI also recommends that a copy of the final closure report be submitted to the DEC as a token of good faith and request there comments once the final samples have been tested and the site is documented to be clean so that they have record of the cleanup.


APPENDIX C

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : AFI ENVIRONMENTAL
6101 ROBINSON RD
LOCKPORT, NY 14094

ATTN : BILL HEITZENRATER

DATE REC'D. : 03/08/95
LABORATORY NO. : 95031539
REPORT DATE : 03/29/95

RE : GANSON ST. II

SAMPLE INFORMATION

SAMPLE DATE : 03/08/95
SAMPLE TIME : 9:30-11:20 AM
NUMBER OF SAMPLES : 5

LOCATION : SEE REFERENCE
TYPE OF SAMPLE: SOILS
SAMPLER : LOZIER LABS

S.T.A.R.S. 8021 VOLATILES EXTRACTION

PARAMETER	PT 1	PT 2	PT 3	PT 4	PT 5	UNITS
METHYL T-BUTYL ETHER (MTBE)	<5.0	<5.0	<5.0	<5.0	<5.0	ug/l
BENZENE	<0.7	<0.7	<0.7	<0.7	<0.7	ug/l
ETHYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
TOLUENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
M+P XYLENES	<2.0	<2.0	<2.0	<2.0	<2.0	ug/l
O XYLENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
TOTAL XYLENES	<3.0	<3.0	<3.0	<3.0	<3.0	ug/l
ISOPROPYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
n-PROPYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
p-ISOPROPYL TOLUENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
1,2,4-TRIMETHYL BENZENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
1,3,5-TRIMETHYL BENZENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
n-BUTYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
sec-BUTYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
NAPHTHALENE	<1.0	<1.0	18	<1.0	<1.0	ug/l
SURROGATE RECOVERY:						
a,a,a-TFT	69	84	78	76	76	%

ANALYSIS: EPA Method 8021 Volatiles (NYSDEC S.T.A.R.S. Program Analyte List) performed on TCLP (ZHE) extractions.

NYSDOH LAB ID # 10390
acq

ALAN J. DAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #95031539

POLYNUCLEAR AROMATIC HYDROCARBONS

PARAMETER	PT 1	PT 2	PT 3	PT 4	PT 5	METHOD BLANK	UNITS
NAPHTHALENE	<10	<10	<10	<10	<10	<10	ug/l
ACENAPHTHYLENE	<10	<10	<10	<10	<10	<10	ug/l
ACENAPHTHENE	<10	<10	<10	<10	<10	<10	ug/l
FLUORENE	<10	<10	<10	<10	<10	<10	ug/l
PHENANTHRENE	<10	<10	<10	<10	<10	<10	ug/l
ANTHRACENE	<10	<10	<10	<10	<10	<10	ug/l
FLUORANTHENE	<10	<10	<10	<10	<10	<10	ug/l
PYRENE	<10	<10	<10	<10	<10	<10	ug/l
CHRYSENE	<10	<10	<10	<10	<10	<10	ug/l
BENZO(b) FLUORANTHENE	<10	<10	<10	<10	<10	<10	ug/l
BENZO(k) FLUORANTHENE	<10	<10	<10	<10	<10	<10	ug/l
BENZO(a)PYRENE	<10	<10	<10	<10	<10	<10	ug/l
DIBENZO(a,h) ANTHRACENE	<10	<10	<10	<10	<10	<10	ug/l
INDENO(1,2,3-cd) PYRENE	<10	<10	<10	<10	<10	<10	ug/l
BENZO(g,h,i) PERYLENE	<10	<10	<10	<10	<10	<10	ug/l
BENZO(a) ANTHRACENE	<10	<10	<10	<10	<10	<10	ug/l
SURROGATE RECOVERIES :							
NITROBENZENE-d5	74	73	82	42	48	77	%
2-FLUOROBIPHENYL	81	78	84	45	49	86	%
TERPHENYL-d14	88	85	97	42	43	95	%

ANALYSIS: EPA Method 8270 (PNA'S) performed on TCLP (ZHE) extractions on 03/15/95.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES

CHAIN OF CUSTODY RECORD

ATTN: BILL HERTZMARK

Client Name: AFI ENVIRONMENTAL

Mailing Address: 6101 Robinson Rd

Lockport NY 14094

LABORATORY NO: 1529

Project Name: GANSON ST. II SOIL SAMPLING

SAMPLE IDENTIFICATION	DATE	TIME	LOCATION	SAMPLE TYPE	TCLP VOA	TCLP-STARS B/N	ANALYSIS	NUMBER OF CONTAINERS	REMARK
Composite Soil (5 subsamples)	3-8-95	0930	Pt 1	Soil	✓	✓		2	
		1010	Pt 2						
		1030	Pt 3						
		1058	Pt 4						
		1120	Pt 5						

SAMPLED BY: SIGN Bernard McCabe

RELINQUISHED BY:
1 SIGN Bernard McCabe DATE 3-8-95 TIME 1500
2 SIGN DATE TIME
3 SIGN DATE TIME
4 SIGN DATE TIME

RECEIVED BY:
1 SIGN DATE TIME
2 SIGN DATE TIME
3 SIGN DATE TIME
4 SIGN DATE TIME

METHOD OF SHIPMENT: Hand SIGN Bernard McCabe

RECEIVED FOR LABORATORY BY: SIGN DATE 3/8/95 TIME 3 pm

AFI
ENVIRONMENTAL
A Division of Buffalo Environmental Consultants, Inc.
6101 Robinson Road • Lockport, New York 14094

February 23, 1995 **FAX LETTER**

Mr. John Minichiello
Waste Management of New York
101 Ontario Street
East Rochester, New York 14445

RE: Remedial Soil Investigation **FINAL/REVISED DRAFT PLAN**
Downing Container Services- 191 Ganson St., Buffalo, NY
AFI Project No. H1025.1

Dear Mr. Minichiello:

Enclosed, please find the revised draft copy of the Ganson Street Remedial Action Plan. This is in response to your review and mark ups. We are ready to begin as soon as the snow is off the study area or sooner if you desire to have the snow scraped.

Please advise.

Should you have any questions or comments please don't hesitate to call me at the Lockport office.

Sincerely,

AFI ENVIRONMENTAL,

William L. Heizenrater
Principal

encl.
H1025/LETTERS/MNCHL16

LOCKPORT
(716) 625-8434
Fax: (716) 625-8471

ROCHESTER
(716) 254-8820
Fax: (716) 254-0482

NIAGARA FALLS
(716) 283-7645
Fax: (716) 283-2858

Printed on recycled paper
to help protect the environment

REMEDIAL ACTION PLAN

DOWNING CONTAINER
191 GANSON STREET, BUFFALO, NEW YORK

PROJECT #H1025

PREPARED FOR:

WASTE MANAGEMENT OF NEW YORK
125 PERINGTON PARKWAY
FAIRPORT, NEW YORK
14450

PREPARED BY:

AFI ENVIRONMENTAL
6101 ROBINSON ROAD
LOCKPORT, NEW YORK
14094

FEBRUARY, 1995

LIST OF FIGURES

FIGURE 1: SITE LOCATION MAP

FIGURE 2: SITE PLAN

FIGURE 3: SAMPLE LOCATIONS - AFI ENVIRONMENTAL

TABLE OF CONTENTS

1.0	INTRODUCTION		1
1.1	BACKGROUND		1
1.2	PURPOSE AND OBJECTIVES		1
1.3	SCOPE OF WORK		1
2.0	SITE DESCRIPTION		2
3.0	PREVIOUS STUDIES		3
3.1	PHASE I ENVIRONMENTAL ASSESSMENT		3
3.2	PHASE I CONCLUSIONS		4
3.3	MODIFIED PHASE II INVESTIGATION		4
	3.3.1	SOIL BORINGS	4
	3.3.2	SEDIMENT SAMPLES	5
	3.3.3	SAMPLE COLLECTION/SCREENING AND ANALYSIS	5
	3.3.4	SOIL	5
	3.3.5	SOIL RESULTS	5
	3.3.6	GROUNDWATER	6
3.4	PHASE II CONCLUSIONS/RECOMMENDATIONS		6
4.0	REMEDIAL PROGRAM		6
4.1	OVERVIEW		6
	4.1.1	HOMOGENIZED COMPOSITE SAMPLES	7
	4.1.2	STATISTICAL SAMPLING GRID	7
4.2	ANALYTICAL TESTING		7
5.0	CONCLUSION		7

1.0 INTRODUCTION

1.1 BACKGROUND

AFI Environmental has prepared this *Remedial Action Plan* (RAP) on behalf of Waste Management of New York, Inc. This RAP is intended to address petroleum impacted soil and sediment encountered at the Downing Container Facility located at 191 Ganson Street, Buffalo, New York (Figure 1). This facility is the storage yard and repair shop for Waste Management of New York's Downing Container Division's garbage pickup , roll-off and rental operation. This RAP was prepared to address potential areas of environmental concern (AECs) identified in a Phase I Investigation conducted on October 1994 and a modified Phase II Investigation completed on December 1994. The ESA and subsequent Phase II Investigation resulted in the detection of low level organic, inorganic, and PCB constituents in soil and sediment samples collected at the Ganson Street site. The areas of the site in which constituents were indicated include the following (refer to Figure 2).

The chemical analysis of sediment samples collected from within the storm sewer staging areas and gas islands indicated the presence of semi-volatile organic compounds (SVOC), PCBs metals at concentrations which may exceed NYSDEC guidance levels. Potential sources which may have individually or collectively resulted in the impact to sediment and soil samples include petroleum based fluids utilized for facility operations; runoff of liquids from the garbage trucks or roll off boxes and fluid leakage from parked trucks and automobiles. Potential pathways of releases from these sources to the storm water control system include; runoff received by the storm sewer from the exterior rolloff and truck staging area or fueling islands; and runoff from the parking area captured by the storm sewer.

1.2 PURPOSE AND OBJECTIVES

Waste Management of New York, Inc. has retained AFI Environmental to investigate further the areal extent and composition of impacts in an attempt to identify the cost to mitigate existing soil/sediment contamination at their 191 Ganson Street Waste Management facility. This RAP has been developed for the private use of Waste Management, but in accordance with NYSDEC guidance memorandum. This plan presents the results of previous investigations at the project site; and outlines the scope of the proposed remedial investigative program, and the equipment and procedures to be utilized to evaluate the areal extent of soil and sedimentary contamination to determine the cost of remediation/disposal.

1.3 SCOPE OF WORK

The remedial program proposed for implementation at the Ganson Street facility consists development of a site specific sampling plan in an attempt to characterize the aerial extent of chemical constituents identified in the soils, through establishment of a grid sampling system in

each of the three (3) areas identified as: areas of potential concern (AECs); during the recently completed Environmental Phase I and Modified Phase 2 Investigations. The scope of work required to accomplish these remedial objectives includes the following:

- o Identify three (3) general Investigative areas.
- o Establish a Sampling Grid at each area.
- o Identify Soil Sample Collection techniques.
- o Identify Sample Composite Homogenization techniques.
- o Provide a site specific and Health and Safety Plan.

2.0 SITE DESCRIPTION

Figure 1 graphically depicts the property location on Ganson Street south of the intersection with Michigan Avenue in the City of Buffalo, Erie County, New York, which is included on the Buffalo SE NY - 7.5 minute quadrangle of the United States Geological Survey (USGS). The site is approximately 4.78 acre in size and contains one office building, one repair/maintenance garage, one detached office trailer, and gravel driveways and parking areas. The site is generally flat with a very slight slope to the east towards the Buffalo River. As shown on Figure 1, the elevation of the property is approximately 580 feet above mean sea level. Site drainage is accomplished by means of uncontrolled overland flow from the stone driveway and parking area to the east, and a series of four catch basins located in the north central portion of the site. These catch basins discharge to the Buffalo Sewer Authority combined stormwater/sanitary sewer system.

The site is currently owned by Downing container Service, Inc. Figure 2 illustrates the current site plan. The property is bounded by Ganson Street to the west, Integrated Waste Systems, Inc. to the north, Roy Track, Inc. to the east, and General Portland, Inc. to the south and east. All the surrounding properties are industrial in nature.

Current zoning maps were not available for the site, however, based on the nature of the businesses in the area, it is presumed that the site and surrounding properties are zoned heavy industrial. The site is serviced by municipal water and a combined sanitary/storm sewer system. Other utilities included natural gas from National Fuel and electric from Niagara Mohawk. The gas is routed to the main building through underground pipes from Ganson Street. Electric is delivered through overhead lines from Ganson Street.

According to the *Soil Survey of Erie County, New York*, the project site is characterized as having urban soils (Ud). This indicates that 80 percent or more of the soil surface is covered by asphalt, concrete, buildings,or other impervious structure. These areas are mostly nearly level to gently sloping.

Groundwater was encountered at the site in each of the monitoring wells. Static water levels measured in the monitoring wells ranged from 2.88 to 8.02 feet below ground surface. Regional groundwater flow direction, inferred from topographic maps, is generally towards the northwest and northeast to the discharge area represented by the Buffalo Ship Canal and the Buffalo River respectively. Local variations in groundwater flow, however, may occur in the site vicinity.

The Federal Emergency Management Association (FEMA) Flood Insurance rate Map (Panel No. 360230 0020) was consulted to determine the flooding potential of this site. It was determined that the site is not located within the one-hundred year or five hundred year flood plains of any waterway, with the exception of the extreme southern tip of the property (< 10 percent), which slightly impinges on the five hundred year floodplain of the Buffalo River.

3.0 PREVIOUS STUDIES

3.1 PHASE I ENVIRONMENTAL ASSESSMENT

AFI Environmental performed a Phase I Environmental Assessment (ESA) of the project site in September, 1993. This ESA was conducted in accordance with the procedures outlined in American Society for Testing and materials (ASTM) Practice E1527-93. As a result, the following items were disclosed:

- o There is one RCRIS-TS (Treatment, Storage and Disposal) facility located within 1.0 mile radius of the site. This facility has numerous violations associated with ignitable wastes, heavy metals, and chlorinated solvents.

- o The waste hauling operation occupying the subject property was identified as a RCRIS-LG large quantity generator of the following waste types:

  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).

- o Additionally, one other RCRIS-LG large quantity generator is located within 0.25 mile radius of the site. This site generates the following waste types:

  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).
  - a solid waste that exhibits the characteristic of corrosivity, but is not listed as a hazardous waste (D002).

- One RCRIS-SG small quantity generator is located within 0.25 mile radius of the site. This site generates the following waste types:

  - spent non-halogenated solvents (F003,F005); and
  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).

- The site itself is a listed petroleum bulk storage facility. Additionally, two petroleum bulk storage tank sites are located within a 0.25 mile radius of the subject property:

- There are three LST (Leaking Storage Tanks) sites located within 0.5 radius of the subject property.

3.2 PHASE I CONCLUSIONS

In accordance with the conclusions drawn in the Phase I ESA Report, the property owner (Waste Management of New York Inc.), in consultation with AFI Environmental, elected to implement a Phase II investigation to examine the subsurface and groundwater of the subject property. The purpose of the investigation was to determine the presence or absence of environmental impacts on the site.

3.3 MODIFIED PHASE II INVESTIGATION

The Phase II subsurface investigation was performed during the period of October 23 to November 2, 1994 with supplemental soil sampling conducted on December 6, 1994. This investigation was conducted in accordance with the investigation plan developed by AFI Environmental. The final report was issued in December 1994.

3.3.1 SOIL BORINGS

Ten (10) soil borings were installed manually using a three (3) inch bucket auger. Soil samples obtained from the bucket auger, from a depth of 0.5' to 1.0', were immediately placed in properly labeled sample containers sealed with tin foil and a screw on cap for screening as described in section 4.3.2. Each soil boring was abandoned following the completion of auguring/sampling activities by backfilling with auger cuttings from the respective borehole.

3.3.2 SEDIMENT SAMPLES

Three (3) sediment samples were collected from each of the three onsite catch basins. The samples were collected using a shovel to remove some material from the bottom of the catch basin. Each sediment sample obtained from the catch basins were immediately placed in properly labeled sample containers sealed with tin foil and a screw on cap for screening. Excess material collected from the catch basins was returned to the bottom of the catch basins.

3.3.3 SAMPLE COLLECTION/SCREENING AND ANALYSIS

The sample collection/screening and analysis program implemented at the project site involved the collection of one (1) groundwater sample from each monitoring well; as well as the field screening of soil and sediment samples to enable the selection of two (2) soil samples from the ten (10) soil borings and one (1) sediment sample for chemical analysis. All sample collection and screening measures were performed in accordance with accepted protocols by an experienced AFI Environmental Geologist. All samples were place in appropriately labeled sample containers for transport under proper chain of custody record to Lozier Laboratories for chemical analysis.

3.3.4 SOIL

Soil samples obtained from split-spoons were screened for total organic vapors (TOVs) utilizing an HNu PID after equilibrating at room temperature for one (1) hour. After removing the screw on cap, the foil seal of the sample container was pierced with the probe of the PID, and a measurement was recorded. PID measurements were zero for all split spoon samples collected during monitoring well installation and ranged from 0ppm to 0.7 ppm for the ten (10) soil and three (3) sediment samples.

Two (2) samples of the ten (10) soil borings and one (1) sediment sample from the three (3) drainage inlets were selected for chemical analysis based upon the results of field screening. The three (3) soil/sediment samples with the highest measured TOV concentration were placed in a laboratory precleaned and properly labeled sample containers and placed on ice in a cooler for transport under proper chain of custody records to Lozier Laboratories. All soil samples underwent testing in accordance with EPA SW-846 Method 8240 for VOCs, TCL Semi-VOCs by method 8270, TCL Pesticides/PCBs by Method 8080, RCRA Metals by Method 6010/7000s, and Cyanide by Method 9012.

3.3.5 SOIL RESULTS

Analytical results from the two (2) soil samples and one (1) sediment sample collected from the project site have indicated the presence of a number of volatile organic compounds (VOCs) and semi volatile organic compounds (SEMIVOCs) commonly associated with petroleum constituents, possibly from fuel oil. Further, PCB-1260 was detected at all locations sampled and analyzed, with the highest concentration at location #9.

Based upon the location from which soil samples containing significant concentrations of VOCs and SEMIVOCs were collected; one can assume that impacts to the soil near the former UST location (location #10) and the fueling/container staging area (location #11) has occurred as the results of minor spillage or leaks. This assumption is consistent with the field screening data.

3.3.6 GROUNDWATER

The chemical analysis of groundwater samples collected from the overburden monitoring wells installed on the site, did not indicate the presence of petroleum constituents in exceedance of NYSDEC guidance values. Based on a comparison with applicable guidance valued established by the NYSDEC STARS Memo #1 and NYSDEC TAGM dated January 24, 1994, it appears that none of the constituents encountered in the soil/sediments have entered the groundwater at any of the areas monitored. Further, it appears that constituents originating from areas off-site are not migrating on-site via the groundwater flow system and that the onsite constituents are not migrating offsite via the groundwater system.

3.4 PHASE II CONCLUSIONS/RECOMMENDATIONS

AFI Environmental collected a total of three (3) soil/sediment and five (5) groundwater samples from the project site for analysis pursuant to NYSDEC Petroleum-Contaminated Soil Guidance Policy. The resulting analytical data was assessed to determine if petroleum impacted soil was present and to characterize groundwater quality. In general, impacted soil was encountered in varying degrees in the areas sampled. In this case we don't know that the values exceed the NYSDEC requirements because of the analytical method selected for analysis. It is possible that some of the particular constituents levels could exceed the NYSDEC STARS limits, but this is unknown because TCLP analysis was not performed. The area of the former UST (sample location #10) demonstrated higher levels for VOCs and SEMIVOCs, than the truck fueling/waste container staging area (sample location #11). However, the sludge/sediment sample (sample location #14) collected from the surface water runoff collection inlet was highest of all, especially for Acetone and Toluene (39,000 and 62,400 ppb respectfully). PCB-1260,

4.0 REMEDIAL INVESTIGATION

The investigation proposal by AFI Environmental involves the collection and analysis of a series of soil and sediment samples from three distinct areas; the storm sewer, the UST area, and northeast rolloff staging area. This sampling and analysis program was developed to:

- o To evaluate constituent concentrations with respect to regulatory levels using TCLP Extraction Protocol; and

- o Chemically profile potentially impacted soils and determine rough quantities for disposal at an appropriately permitted facility.

4.1 SAMPLING TECHNIQUES

The proposed sampling techniques for soil sample collecting is described in the following subsections. All samples will be collected by an AFI Environmental field scientist and placed

in precleaned laboratory sample bottles, which will be labeled with the sample number, date and time of collection, sampler's initials, and the analysis requested.

4.1.1 Homogenized Composite Samples

Homogenized composite samples will be assembled to characterize background soil quality and to chemically profile soils contained within the area showing previous evidence of contamination.

4.1.2 STATISTICAL SAMPLING GRID

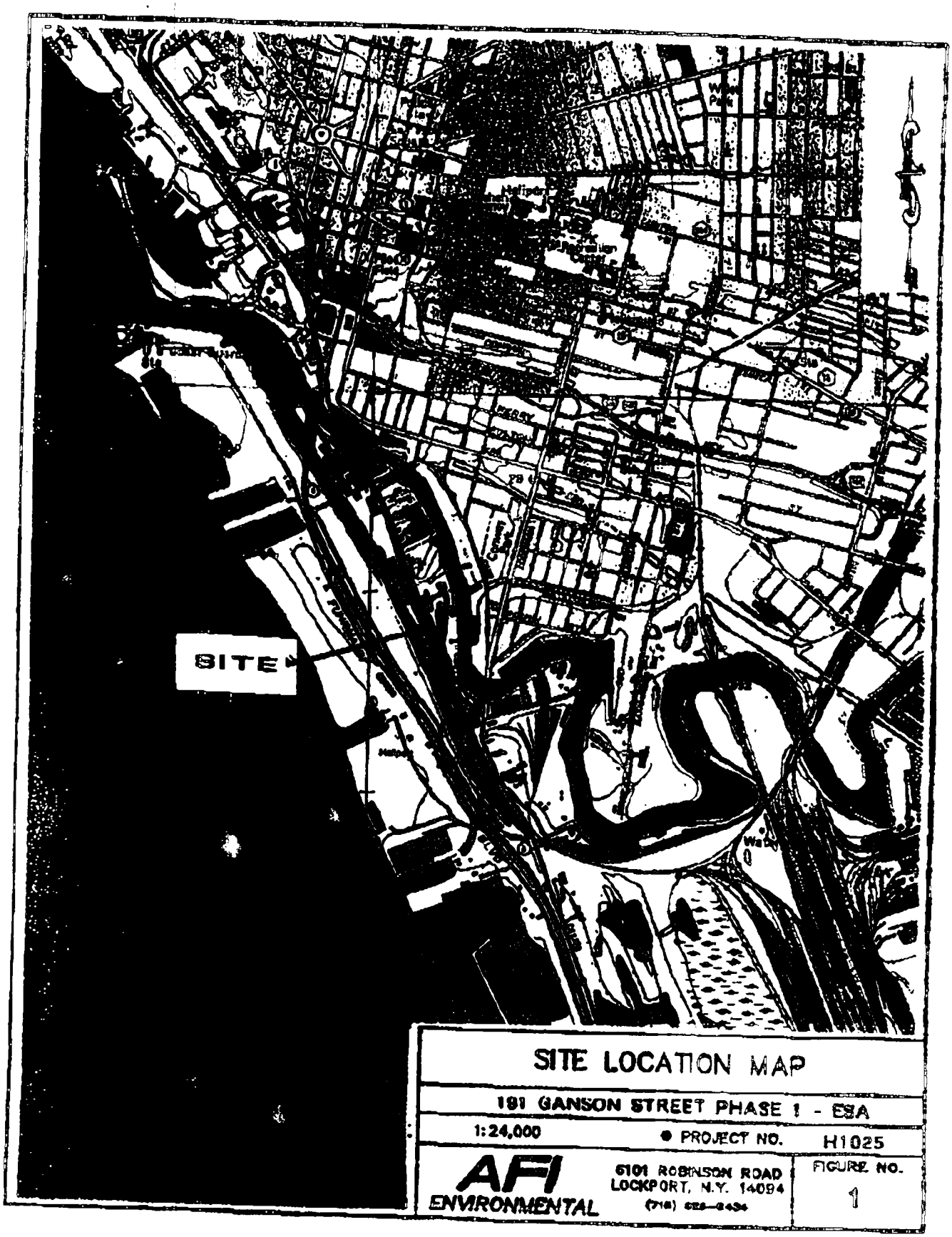
Each are to be investigated will be sectioned off into a statistical sampling grid consisting of two (2) components. The grids will be broken into near field and far field sections. The near field section will consist of the section within a square box whose length is 25 feet centered in the area of the original sampling location. The far field section will consist of a larger square box concentric to the first box, whose length is 125 feet. The near field section will be divided in a grid pattern where the intersections of the x and y axis are on 5 foot intervals, thereby creating 36 intersections. The far field zone will be divided into a grid pattern where the intersections of the x and y axis are on 25 foot intervals thereby creating a grid pattern with again 36 intersections. Five (5) subsamples will be randomly collected from each section and homogenized into a composite sample from each section with a total of two (2) samples from each area to be analyzed for TCLP Stars Volatiles and TCLP Stars Base Neutrals. These will result in a total of six (6) samples plus, field duplicate to be sent to Lozier Labs for analysis.

4.2 ANALYTICAL TESTING

All soil and sediment samples will be transported under proper chain of custody records to Lozier Laboratories, Rochester, New York, immediately following collection. All samples will undergo testing for the Toxicity Characteristic Leaching Procedure (TCLP) STARS Volatiles 1311(8021), and semi-volatile organic compounds (SOCs) in accordance with EPA SW-846 Method 1-311/8220. These analytical methods were selected based upon discussion with Waste Management of New York personnel and due to the types of contaminants identified as a result of earlier investigations of the project site. In addition to internal laboratory quality assurance/quality control (QA/QC) procedures, one (1) field duplicate will be analyzed.

5.0 CONCLUSIONS

Comparisons of the analytical data with applicable regulatory standards and/or guidance values will indicate the toxicity characteristics with respect to constituents analyzed. The data will be adjusted to correct for the dilution factor and compared to the applicable regulatory standards to determine if disposal is warranted and to estimate the rough quantities of disposal.



SITE LOCATION MAP

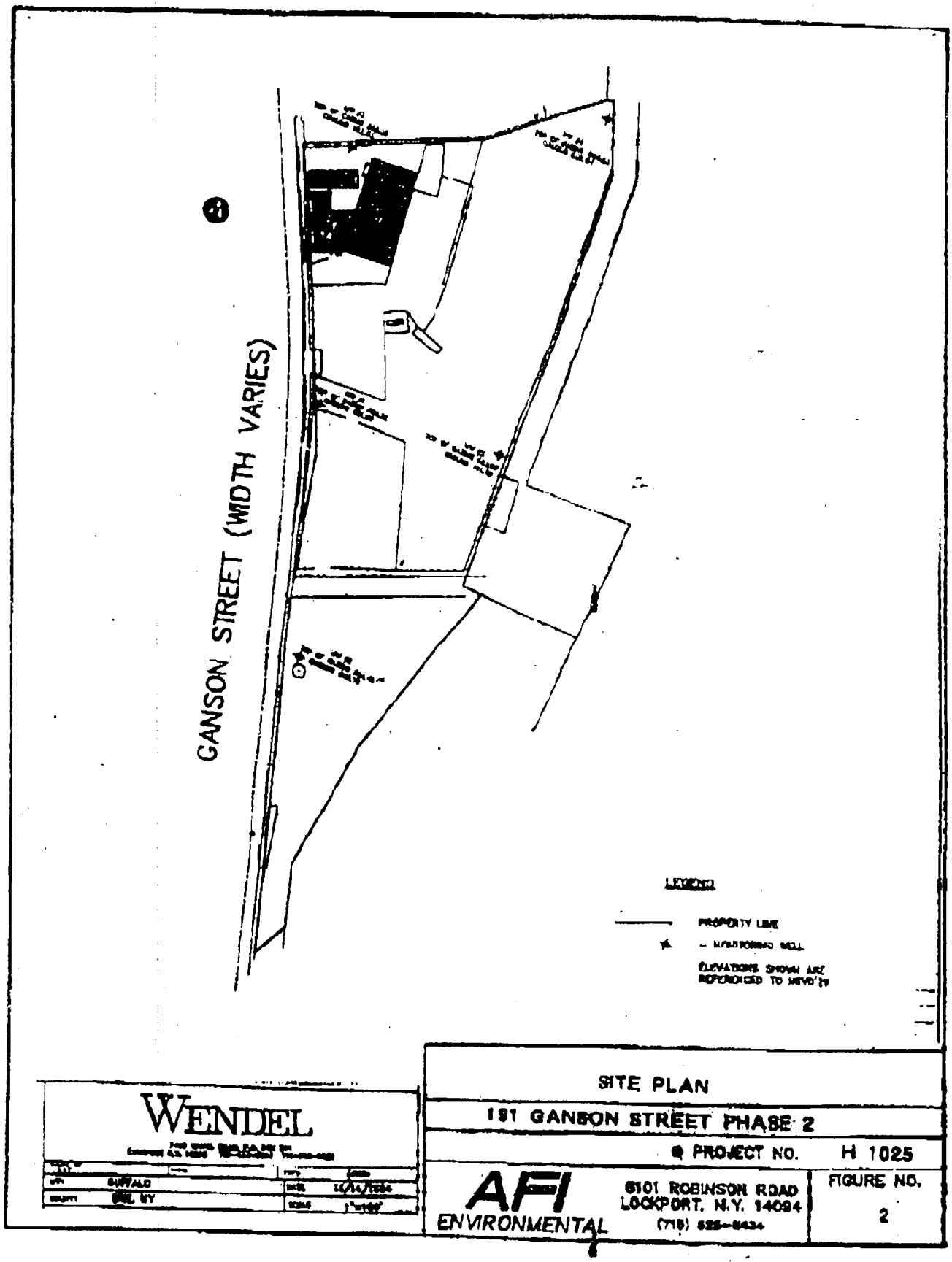
191 GANSON STREET PHASE I - ESA

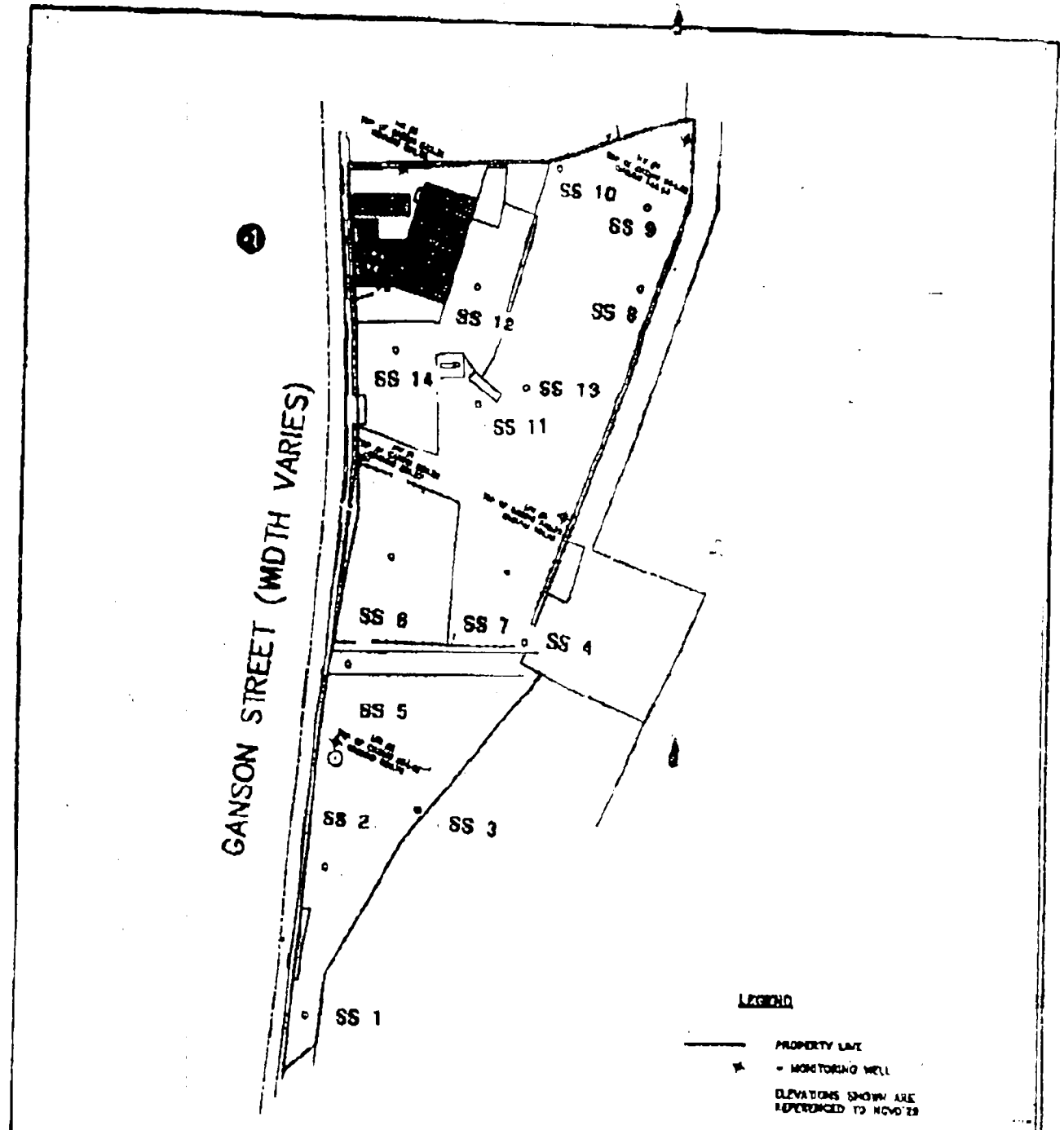
1:24,000 • PROJECT NO. H1025

AFI ENVIRONMENTAL

6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-6434

FIGURE NO. 1


GANSON STREET (WIDTH VARIES)
LEGEND
PROPERTY LINE
ELEVATIONS SHOWN ARE REFERENCED TO MEAN SEA LEVEL
WENDEL
SITE PLAN
191 GANSON STREET PHASE 2
PROJECT NO. H 1025
AFI ENVIRONMENTAL
6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434
FIGURE NO.
2



WENDEL

SOIL SAMPLE LOCATIONS

191 GANSON STREET PHASE 2

PROJECT NO. H 1625

AFI ENVIRONMENTAL

6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-6434

FIGURE NO. 3


6 29'95


«EXTRADIG»
6 29'95

AFI
ENVIRONMENTAL
A Division of Buffalo Environmental Consultants, Inc.
6101 Robinson Road • Lockport, New York 14094

December 28, 1994

John Minichiello
Environmental Engineering Manager
Waste Management of New York
101 Ontario Street
East Rochester, NY 14445

WASTE MANAGEMENT

RE: GANSON STREET (REVISED) PHASE 11 ENVIRONMENTAL INVESTIGATION.
AFI Project #h1025

Dear John:

Enclosed, please find the **REVISED** copy of the Environmental Phase 11 Investigation for Ganson Street, Buffalo, NY. I have incorporated your comments of 12/23/94 into the text where appropriate. In respect to the final comment of your fax, dated December 23, 1994 "... where did you obtain the values for allowable soil concentrations in Table 2?" The values presented are from the NYSDEC TAGM dated January 24, 1994 #HWG94-4046. (copy enclosed). The table has been edited to include this reference. This document also discusses the 100 factor.

Also, please find a copy of our invoice for the above referenced project.

Please review, and call me if you have any further questions or comments.

I will be in my Lockport office until Friday the 30 of December, However, I will e on vacation the week of January 1-8 1995.

Have a great and prosperous NEW YEAR.

Sincerely,

AFI ENVIRONMENTAL

William L. Heitzenrater
President

cc: h1025
/h1025/letters/minichiello3

LOCKPORT
(716) 625-8434
Fax: (716) 625-8471

ROCHESTER
(716) 254-8820
Fax: (716) 254-0482

NIAGARA FALLS
(716) 283-7645
Fax: (716) 283-2858

Printed on recycled paper
to help protect the environment.

PHASE II
ENVIRONMENTAL SITE ASSESSMENT

for

191 GANSON STREET
CITY OF BUFFALO
ERIE COUNTY, NEW YORK

AFI Project H1025

Prepared for:

WASTE MANAGEMENT OF NEW YORK
101 Ontario Street
East Rochester, New York 14445

Prepared by:

AFI ENVIRONMENTAL
6101 Robinson Road
Lockport, New York 14094

December 28, 1994

Printed on recycled paper
to help protect the environment.

TABLE OF CONTENTS

1.0	INTRODUCTION	1
2.0	SITE DESCRIPTION	2
3.0	PREVIOUS STUDIES	3
3.1	PHASE I ENVIRONMENTAL ASSESSMENT	3
3.2	PHASE I CONCLUSIONS	3
4.0	METHODS OF INVESTIGATION	4
4.1	DRILLING, SOIL SAMPLING AND WELL INSTALLATION	4
	4.1.1 GROUNDWATER MONITORING WELLS	4
	4.1.2 SOIL BORINGS	5
	4.1.3 SEDIMENT SAMPLES	5
4.2	WELL DEVELOPMENT	5
4.3	SAMPLE COLLECTION/SCREENING AND ANALYSIS	6
	4.3.1 GROUNDWATER	6
	4.3.2 SOIL	6
4.4	DECONTAMINATION	7
4.5	CONTAINMENT OF WASTES	7
5.0	ANALYTICAL RESULTS	7
5.1	SOIL	7
5.2	GROUNDWATER	8
6.0	CONTAMINATION ASSESSMENT	8
6.1	SOIL	8
6.2	GROUNDWATER	9
7.0	CONCLUSIONS	10
8.0	RECOMMENDATIONS	10

Printed on recycled paper to help protect the environment

9.0 LIMITATIONS 11

Printed on recycled paper
to help protect the environment

LIST OF APPENDICES

APPENDIX A: WELL COMPLETION DIAGRAMS

APPENDIX B: BORING LOGS

APPENDIX C: ANALYTICAL LABORATORY REPORT FOR SOIL SAMPLES

APPENDIX D: ANALYTICAL LABORATORY REPORT FOR GROUNDWATER SAMPLES

Printed on recycled paper to help protect the environment.

LIST OF FIGURES

FIGURE 1: SITE LOCATION MAP

FIGURE 2: SITE PLAN

FIGURE 3: PHASE II BORING AND MONITORING WELL LOCATIONS

Printed on recycled paper
to help protect the environment

LIST OF TABLES

TABLE 1: SUMMARY OF FIELD SCREENING RESULTS

TABLE 2: SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES

TABLE 3: SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

Printed on recycled paper to help protect the environment

1.0 INTRODUCTION

AFI Environmental was retained by Waste Management to conduct a Phase II Investigation of the property located at 191 Ganson Street in Buffalo, New York. This property was the subject of a Phase I Environmental Site Assessment (ESA), performed by AFI Environmental (AFI), which identified several potential areas of environmental concerns (AEC's). Further investigation was conducted to assess the potential environmental impacts that may have occurred or were related to the AEC's. Specifically, AFI identified several AEC's which include, but may not be limited to, the following:

- Numerous petroleum stained areas both in the garage areas and the staging/parking areas;
- Soils in and around the area of the former gasoline underground storage tank (UST) were never sampled and analyzed to confirm that no leakage had occurred from the UST.
- The fill materials utilized to backfill the dry docks north of the site, have been shown to contain elevated levels of VOCs, PCBs and metals. Additionally, groundwater in this area has also been shown to contain elevated levels of acetone, methylene chloride and metals.
- Potential impacts on the site from contaminants in the Buffalo River.
- Potential impacts on the site due to contaminants released on the adjacent properties.
- Potential discharges, including petroleum products and other vehicle operational and maintenance products, into the combined sanitary/storm sewers on site.
- Historical uses of the property for industrial purposes.
- Potential impact to the soils and stormwater sewers in and around the staging areas from leakage of leachate from trucks and roll-offs during routine operations.

The Phase II investigation of the project site was conducted to assess whether the identified AEC's have resulted in environmental impacts on the site and to characterize groundwater beneath the site. The field aspects of this investigation involved the drilling of test borings, the installation of monitoring wells and the collection of soil and groundwater samples. Soil and groundwater samples obtained during this field program were submitted for chemical analyses to enable an evaluation of site conditions relative to regulatory policy. AFI has prepared this *Phase II Investigation Report* to summarize the field investigation; present the results of the chemical analysis of soil and groundwater samples; evaluate the analytical data

Printed on recycled paper to help protect the environment

with respect to applicable regulatory standards and/or guidance values; and to identify potential sources of contamination. No attempt was made to determine the actual boundaries of contamination, if found.

2.0 SITE DESCRIPTION

Figure 1 graphically depicts the property location on Ganson Street south of the intersection with Michigan Avenue in the City of Buffalo, Erie County, New York, which is included on the Buffalo SE NY - 7.5 minute quadrangle of the United States Geological Survey (USGS). The site is approximately 4.78 acre in size and contains one office building, one repair/maintenance garage, one detached office trailer, and gravel driveways and parking areas. The site is generally flat with a very slight slope to the east towards the Buffalo River. As shown on Figure 1, the elevation of the property is approximately 580 feet above mean sea level. Site drainage is accomplished by means of uncontrolled overland flow from the stone driveway and parking area to the east, and a series of four catch basins located in the north central portion of the site. These catch basins discharge to the Buffalo Sewer Authority combined stormwater/sanitary sewer system.

The site is currently owned by Downing Container Service, Inc. Figure 2 illustrates the current site plan. The property is bounded by Ganson Street to the west, Integrated Waste Systems, Inc. to the north, Roy Track, Inc. to the east, and General Portland, Inc. to the south and east. All the surrounding properties are industrial in nature.

Current zoning maps were not available for the site, however, based on the nature of the businesses in the area, it is presumed that the site and surrounding properties are zoned heavy industrial. The site is serviced by municipal water and a combined sanitary/storm sewer system. Other utilities include natural gas from National Fuel and electric from Niagara Mohawk. The gas is routed to the main building through underground pipes from Ganson Street. Electric is delivered through overhead lines from Ganson Street.

According to the *Soil Survey of Erie County, New York*, the project site is characterized as having urban soils (Ud). This indicates that 80 percent or more of the soil surface is covered by asphalt, concrete, buildings, or other impervious structures. These areas are mostly nearly level to gently sloping.

Groundwater was encountered at the site in each of the monitoring wells. Static water levels measured in the monitoring wells ranged from 2.88 to 8.02 feet below ground surface. Regional groundwater flow direction, inferred from topographic maps, is generally towards the northwest and northeast to the discharge area represented by the Buffalo Ship Canal and the Buffalo River respectively. Local variations in groundwater flow, however, may occur in the site vicinity.

The Federal Emergency Management Association (FEMA) Flood Insurance Rate Map (Panel

Printed on recycled paper to help protect the environment



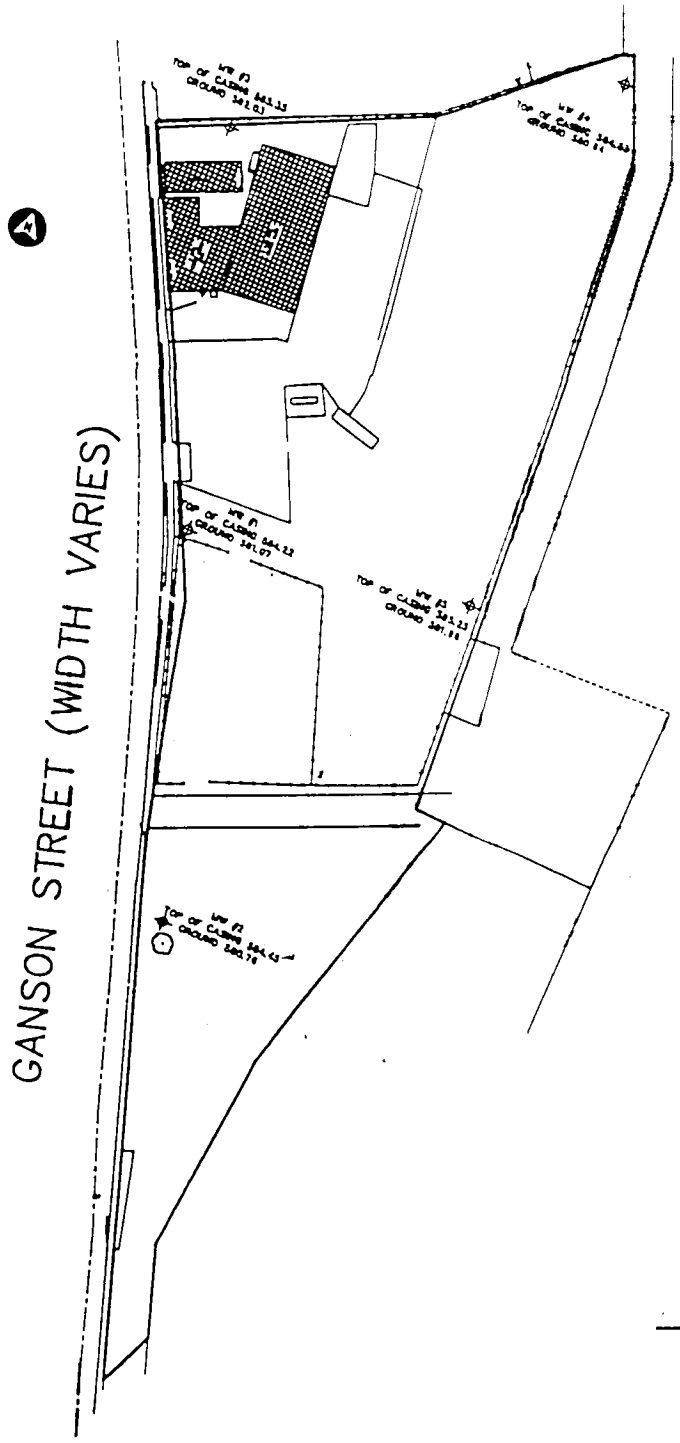
SITE LOCATION MAP

191 GANSON STREET PHASE 1 - ESA

1:24,000 ● PROJECT NO. H1025

AFI ENVIRONMENTAL
6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO. 1



LEGEND

PROPERTY LINE

⛤ – MONITORING WELL

ELEVATIONS SHOWN ARE REFERENCED TO NGVD'29

WENDEL

7456 CANAL ROAD, P.O. BOX 301
LOCKPORT N.Y. 14094 716-433-8963 716-625-6229

PART OF LOT		SEC.	
		TWP.	
CITY	BUFFALO	RANGE	
		DATE	11/14/1994
COUNTY	ERIE, NY	SCALE	1"=100'

SITE PLAN

191 GANSON STREET PHASE 2

● PROJECT NO. H 1025

AFI ENVIRONMENTAL

6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO. 2

No. 360230 0020) was consulted to determine the flooding potential of this site. It was determined that the site is not located within the one-hundred year or five hundred year flood plains of any waterway, with the exception of the extreme southern tip of the property (< 10 percent), which slightly impinges on the five hundred year floodplain of the Buffalo River

3.0 PREVIOUS STUDIES

3.1 PHASE I ENVIRONMENTAL ASSESSMENT

AFI Environmental performed a Phase I Environmental Assessment (ESA) of the project site in September, 1993. This ESA was conducted in accordance with the procedures outlined in American Society for Testing and Materials (ASTM) Practice E1527-93. As a result, the following items were disclosed:

- o There is one RCRIS-TS (Treatment, Storage and Disposal) facility located within 1.0 mile radius of the site. This facility has numerous violations associated with ignitable wastes, heavy metals, and chlorinated solvents.

- o The waste hauling operation occupying the subject property was identified as a RCRIS-LG large quantity generator of the following waste types:

  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).

- o Additionally, one other RCRIS-LG large quantity generator is located within 0.25 mile radius of the site. This site generates the following waste types:

  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).
  - a solid waste that exhibits the characteristic of corrosivity, but is not listed as a hazardous waste (D002).

- o One RCRIS-SG small quantity generator is located within 0.25 mile radius of the site. This site generates the following waste types:

  - spent non-halogenated solvents (F003, F005); and
  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).

- o The site itself is a listed petroleum bulk storage facility. Additionally, two petroleum bulk storage tank sites are located within a 0.25 mile radius of the subject property:

Printed on recycled paper to help protect the environment

- o There are three LST (Leaking Storage Tanks) sites located within 0.5 mile radius of the subject property.

3.2 PHASE I CONCLUSIONS

In accordance with the conclusions drawn in the Phase I ESA Report, the property owner (Waste Management of New York), in consultation with AFI Environmental, elected to implement a Phase II investigation to examine the subsurface of the subject property. The purpose of the investigation was to determine the presence or absence of contamination on the site.

4.0 METHODS OF INVESTIGATION

The Phase II subsurface investigation was performed during the period of October 23 to November 2, 1994 with supplemental soil sampling conducted on December 6, 1994. This investigation was conducted in accordance with the investigation plan developed by AFI Environmental.

4.1 DRILLING, SOIL SAMPLING AND WELL INSTALLATION

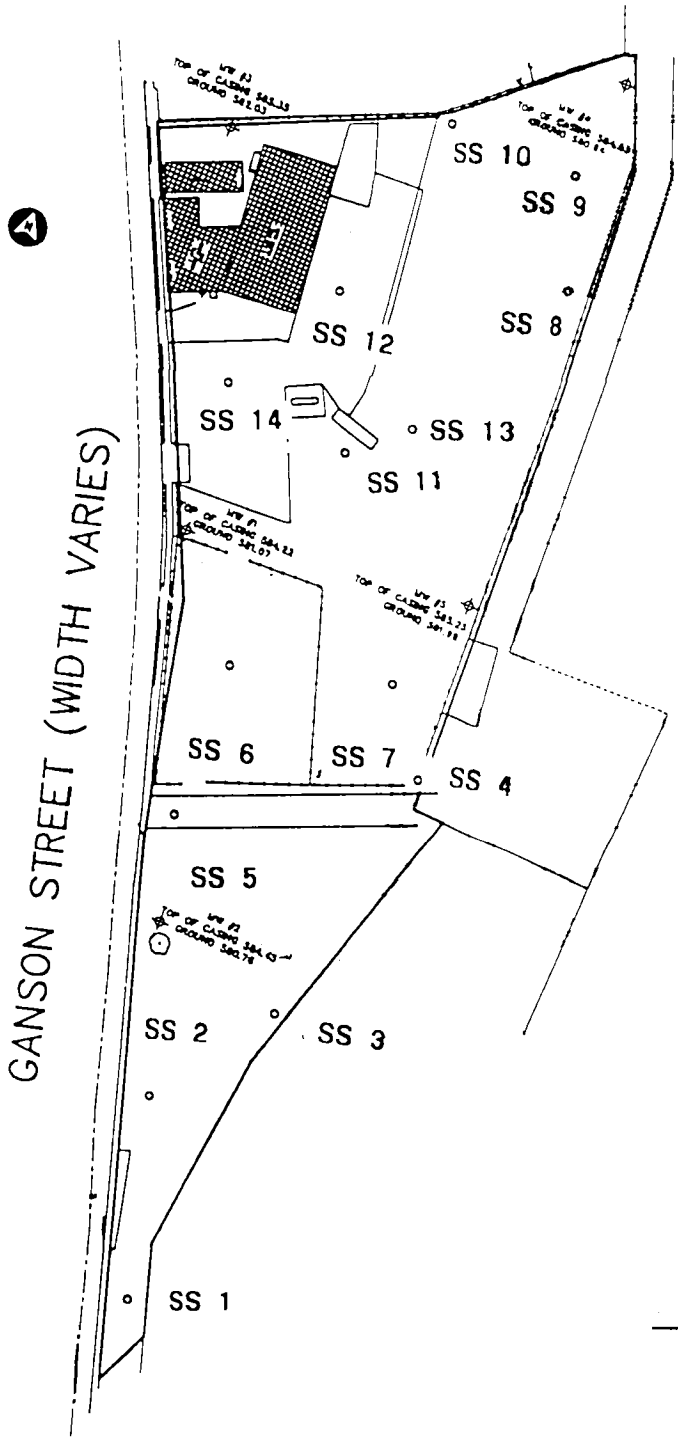
Drilling, soil sampling and well installation procedures employed during this investigation as outlined in the following sections, are consistent with the collection of high quality data for hydrogeologic studies, and were selected based upon the collective experience of AFI Environmental staff and the drilling contractor, Advanced Drilling Investigations (ADI) of Niagara Falls, New York. All field work was directly supervised and documented by a qualified AFI Environmental Geologist, and the methods utilized were intended to minimize the potential for cross contamination. Five (5) groundwater monitoring wells and ten (10) soil borings were completed, and three (3) sediment samples collected at the site, the locations of which are depicted by Figure 3.

4.1.1 GROUNDWATER MONITORING WELLS

Overburden consisted of clayey silt, fine sand, silty sand, silty clay, and silty fine sand that was saturated at approximately 4-7 feet below ground surface. No odor or visual evidence of contamination was noted during drilling operations. The following paragraphs summarize the drilling, installation and design of these wells.

The installation of the wells was performed using a Mobile B-57 Drill Rig to advance 4 1/2" ID hollow-stem augers through unconsolidated geologic materials to a depth of approximately seventeen (17) feet. Soil samples were obtained continuously throughout the total depth of the boring using 2" OD split-barrel samplers in accordance with ASTM-D1586 procedures for Standard Penetration Test (SPT). Auger drilling proceeded with a steel plug inserted at the bottom of the auger stem to prevent material from entering the hollow stem and

Printed on recycled paper to help protect the environment



LEGEND

PROPERTY LINE

– MONITORING WELL

ELEVATIONS SHOWN ARE REFERENCED TO NGVD'29

'SOIL SAMPLE

WENDEL

7458 CANAL ROAD, P.O. BOX 301
LOCKPORT N.Y. 14095 716-433-6993 716-625-8226

PART OF LOT		SEC.		TWP.	RNG.
CITY	BUFFALO			DATE	11/14/1994
COUNTY	ERIE, NY			SCALE	1"=100'

SOIL SAMPLE LOCATIONS

191 GANSON STREET PHASE 2

● PROJECT NO. H 1025

AFI ENVIRONMENTAL

6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO.
3

to ensure accurate split-spoon sampling. The split-spoon sampler used was two (2) feet in length, unpainted, and equipped with a functional ball-check valve above the sample tube. The bottom of the sampling tube was equipped with a removable plastic "basket" retainer. The split-spoon was advanced through unconsolidated geologic materials at and below the bottom of the augers with a standard 140-pound hammer falling freely 30 inches. Blow counts were recorded for each six inches of penetration. Split-spoon samples were logged using the Unified Soil Classification System (USCS). Representative samples obtained from each split spoon were placed in appropriately labeled sample containers and immediately sealed with aluminum foil and screw on-cap. Field screening of soil samples obtained from split-spoons was conducted in accordance with the procedures outlined in Section 4.3.2.

Accurate test boring logs were prepared to document overburden stratigraphy and characteristics, depth to water, and all pertinent drilling observations.

Monitoring wells were installed immediately after auguring of the bore holes. The wells were constructed of two (2) inch diameter schedule 40, threaded, flush joint, PVC riser pipe and 10-slot PVC well screen. The screen was ten (10) feet in length, and fitted with threaded bottom plugs. The well screens were installed from approximately 7 feet below to 17 feet below the ground surface. A sand pack was gradually introduced to fill the annular space between the screen and the borehole wall. The sand pack extended from the bottom of the borehole to approximately one half (1/2) foot above the top of the screen. The sand pack consisted of washed, graded, silica sand with an average grain size and grain size distribution such that it was compatible with the screen slot size of 0.01 inches. A two (2) foot thick bentonite pellet seal was placed above the sand pack, and a cement/bentonite grout slurry extended from the top of the bentonite pellet seal to within one (1) foot of the surface. The well was completed by installing a six (6) inch steel casing with a stickup of approximately three (3) feet, with a locking cap. The grout was allowed to set up for 48 hours prior to well development. The well completion diagrams were prepared to document well construction details and material specifications and are included in Appendix A.

4.1.2 SOIL BORINGS

Ten (10) soil borings were installed manually using a three (3) inch bucket auger. Soil samples obtained from the bucket auger, from a depth of 0.5' to 1.0', were immediately placed in properly labeled sample containers sealed with tin foil and a screw on cap for screening as described in section 4.3.2. Each soil boring was abandoned following the completion of auguring/sampling activities by backfilling with auger cuttings from the respective borehole.

4.1.3 SEDIMENT SAMPLES

Three (3) sediment samples were collected from each of the three onsite catch basins. The samples were collected using a shovel to remove some material from the bottom of the catch basin. Each sediment sample obtained from the catch basins were immediately placed in properly labeled sample containers sealed with tin foil and a screw on cap for screening as

Printed on recycled paper
to help protect the environment

described in section 4.3.2. Excess material collected from the catch basins was returned to the bottom of the catch basins.

4.2 WELL DEVELOPMENT

The following well development procedures were employed 48 hours after completion of the groundwater monitoring wells. This allowed the cement/bentonite grout sufficient time to set-up and enabled the wells to equilibrate. Prior to evacuation procedures the water level within the wells was measured with an audible signal, water level indicator to facilitate calculation of the volume of water within the well. Water was then evacuated from the wells using a decontaminated, plastic bailer. Well development continued until a minimum turbidity was achieved. All water withdrawn from the monitoring wells was properly contained within labeled, DOT approved 55 gallon drums to await proper disposal.

4.3 SAMPLE COLLECTION/SCREENING AND ANALYSIS

The sample collection/screening and analysis program implemented at the project site involved the collection of one (1) groundwater sample from each monitoring well; as well as the field screening of soil and sediment samples to enable the selection of two (2) soil samples from the ten (10) soil borings and one (1) sediment sample for chemical analyses. All sample collection and screening measures were performed in accordance with accepted protocols by an experienced AFI Environmental Geologist. All samples were placed in appropriately labeled sample containers for transport under proper chain of custody records to Lozier Laboratories for chemical analyses. The following sections outline sample collection and screening procedures, and identify the analytical methods employed to chemically characterize the groundwater and soil samples.

4.3.1 GROUNDWATER

After well development, the monitoring wells were allowed to equilibrate for 24 hours. The static water level within the monitoring wells were measured using an audible signal water level indicator. After calculating the volume of water contained within each well, purging was initiated. Purging was accomplished using decontaminated plastic bailers. Well purging continued until at least 3 well volumes were removed or a minimum of turbidity was obtained. All water withdrawn from the monitoring wells was properly contained within labeled, DOT approved 55 gallon drums to await proper disposal.

Groundwater sampling was performed within 24 hours after purging. The monitoring wells were sampled using decontaminated plastic bailers. The samples were placed in laboratory precleaned and prelabeled containers, appropriate preservatives were added, and the samples were placed on ice in a cooler for transport to Lozier Laboratories under proper chain of custody records. Five (5) groundwater samples underwent testing in accordance with EPA SW-846 3rd edition.

Printed on recycled paper
to help protect the environment.

4.3.2 SOIL

Soil samples obtained from split-spoons were screened for total organic vapors (TOVs) utilizing an HNu PID after equilibrating at room temperature for one (1) hour. After removing the screw on cap, the foil seal of the sample container was pierced with the probe of the PID, and a measurement was recorded. A summary of field screening results for VOCs is contained in Table #1. PID measurements were zero for all split spoon samples collected during monitoring well installation and ranged from 0 ppm to 0.7 ppm for the ten (10) soil and (3) three sediment samples.

Two (2) samples from the ten (10) soil borings and one (1) sediment sample from the three (3) drainage inlets were selected for chemical analysis based upon the results of field screening. The three (3) soil/sediment samples with the highest measured TOV concentration were placed in a laboratory precleaned and properly labeled sample containers and placed on ice in a cooler for transport under proper chain of custody records to Lozier Laboratories. All soil samples underwent testing in accordance with EPA SW-846 Method 8240 for VOCs, TCL Semi-VOCs by Method 8270, TCL Pesticides/PCBs by Method 8080, RCRA Metals by Method 6010/7000s , and Cyanide by Method 9012.

4.4 DECONTAMINATION

All drilling equipment such as augers, bits and sampling equipment which came in contact with subsurface materials was decontaminated via steam cleaning before and after drilling activities at each borehole. Equipment decontamination consisted of the removal of all soils with a high pressure, low volume, steam and detergent wash. Split-spoon decontamination was performed between samples and consisted of a detergent wash and potable water rinse.

The AFI geologist supervising the field investigation ensured that all equipment was properly decontaminated prior to use at the site, between each borehole, and before leaving the site.

4.5 CONTAINMENT OF WASTES

Drill cuttings from the installation of the monitoring wells were transferred into labeled DOT-approved 55 gallon drums to await proper disposal. Similarly, all decontamination fluids and liquids withdrawn from the groundwater monitoring wells during development, purging and sampling activities were contained within labeled DOT-approved 55 gallon drums to await proper disposal by the client.

5.0 ANALYTICAL RESULTS

5.1 SOIL

Printed on recycled paper
to help protect the environment

The Lozier laboratory report containing the analytical results for the soil samples analyzed via EPA SW-846 Method(s) 8240, 8270, 8080, 6010/7000 and 9012 are presented in Appendix C. This report also contains the case narrative, laboratory quality assurance/quality control (QA/QC) data, and chain of custody records. An initial review of the data indicated that the holding times for the 8080 Pesticides/PCBs and the TCL Semi-VOCs 8270 soil samples were exceeded prior to analysis. These samples were destroyed and resampled on December 6, 1994. All data reported within this report was analyzed within the required holding times, laboratory blanks were free of contamination, and all QC data were acceptable. These data are summarized and discussed in Section 6.0.

5.2 GROUNDWATER

The results of the chemical analysis of the five (5) groundwater samples collected from the onsite monitoring wells are presented in Appendix D. Additionally, the case narrative, laboratory QA/QC data and chain of custody records for these samples are presented therein. All groundwater samples were analyzed within the required holding times, surrogate standard recoveries were within acceptable limits (except for the low acid recoveries due to matrix interference on method 8270 for samples 1,3,4,5 and sample 6 for method 8080), and laboratory blanks were free of contamination. Section 6.0 contains a summary and evaluation of these groundwater data.

6.0 CONTAMINATION ASSESSMENT

An evaluation of the data resulting from the chemical analysis of soil and groundwater samples collected from the project site, including data from previous studies, was performed with respect to the following:

- o Type of Contamination
- o Potential Sources of Contamination
- o Compliance with Applicable Regulatory Guidelines

The succeeding subsections provide an assessment of the subsurface conditions at the project site, based upon available data, and provide the foundation for the recommendations concerning further investigation and/or remediation of the site discussed in Section 8.0.

6.1 SOIL

Analytical results from the two (2) soil samples and one (1) sediment sample collected from the project site have indicated the presence of a number of volatile organic compounds (VOCs) and semi volatile organic compounds (SEMIVOCs) commonly associated with petroleum contstituents, possibly from fuel oil. Table 2 presents a summary of these results in a comparative format which includes the guidance values for each parameter as specified in the NYSDEC publication: *Spill Technology and Remediation Series (STARS) Memo #1 and/or*

Printed on recycled paper
to help protect the environment

NYSDEC Soil Cleanup Objectives and Cleanup levels TAGM (January 24, 1994). As illustrated by Table #2, and discussed within the laboratory case narrative, all sediment samples were diluted, prior to analysis, due to the presence of a brown viscous petroleum hydrocarbon within the sample extract. The dilution of the sample raised the detection limits far above the NYSDEC guidance values by several orders of magnitude. Further, PCB-1260 was detected at all locations sampled and analyzed, with the highest concentration at location # 9.

Based upon the location from which soil samples containing significant concentrations of VOCs and SEMIVOCs were collected; one can assume that impacts to the soil near the former UST location (location #10) and the fueling/container staging area (location #11) has occurred as the results of minor spillage or leaks. This assumption is consistent with the field screening data presented in Table #1. A further review of the same table reveals that not all samples locations exhibited VOC's. This may indicate that the impacts from the petroleum releases to the soil is limited. This assumption is supported by the lack of VOC's during the screening of the split spoon samples and the lack of any VOCs in the groundwater samples collected from the site. Therefore one could assume that not all areas of the site are contaminated with petroleum constituents.

6.2 GROUNDWATER

The chemical analysis of groundwater samples collected from the overburden monitoring wells installed on the site, did not indicate the presence of petroleum constituents in exceedance of NYSDEC guidance values. These data are summarized in Table #3. Based on a comparison with applicable guidance values established by the NYSDEC STARS Memo #1 and NYSDEC TAGM dated January 24, 1994, it appears that none of the contaminants encountered in the soil/sediments have entered the groundwater at any of the areas monitored. Further, it appears that contaminants originating from areas off-site are not migrating on-site via the groundwater flow system and that onsite contaminants are not migrating offsite via the groundwater system.

7.0 CONCLUSIONS

AFI Environmental collected a total of three (3) soil/sediment and five (5) groundwater samples from the project site for analysis pursuant to NYSDEC Petroleum-Contaminated Soil Guidance Policy. The resulting analytical data was assessed to determine if contaminated soil was present and to characterize groundwater quality. In general, contaminated soil was encountered in varying degrees in the areas sampled. In this case we don't know that the values exceed the NYSDEC requirements because of the analytical method selected for analysis. It isa possible that some of the particular constituent levels could exceed the NYSDEC STARS limits, but this is unknown because TVLP analysis was not performed. The area of the former UST (sample location #10) demonstrated higher levels for VOCs and SEMIVOCs, than the truck fueling/waste container staging area (sample location #11). However, the sludge/sediment sample (sample location # 14) collected from the surface water runoff collection inlet was highest of all, especially for Acetone and Toluene (39,000 and 62,400 ppb respectfully). PCB-1260,

Printed on recycled paper to help protect the environment.

normally of low mobility, was detected in all samples, with the highest value recorded in the staging/refueling area. PCBs may be resulting from fill brought on-site prior to Downing Container's existence, or it maybe a result of current activity and made mobil via the liquid petroleum fraction in the soils.

Groundwater samples collected from the five (5) overburden monitoring wells were clean. No contravention of NYSDEC guidance values for drinking water standards, in the areas monitored, has occurred. The placement of the monitoring wells near the periphery of the site indicates that no contaminants are entering or leaving the site via the groundwater flow system of the overburden, in the areas monitored.

8.0 RECOMMENDATIONS

Based upon the analytical data generated during the course of this investigation and a review of NYSDEC Petroleum-Contaminated Soil Guidance Policy, AFI Environmental recommends that a more extensive soil/sediment investigation be conducted. The objective of this program, would be to determine the concentrations, distribution (horizontal and vertical) and source of petroleum and PCB-1260 constituents in the soil. Once the boundaries, source and extent of the constituents, are defined, a corrective action program could be implemented. This would allow remediation of the site soils to within levels that are protective of human health and the environment.

However, recognizing that the site is located in a highly industrialized area and that the site is not currently leaching constituents into the groundwater or offsite via groundwater, a combination of testing, soil remediation, and paving with asphalt, concrete, or other impermeable semi-permanent material may warrant consideration.

The ultimate selection of the remedial method should be based upon further soil investigation and a number of parameters, including but not limited to effectiveness, potential impacts to human health and the environment, cost, and compatibility with the current commercial nature of the site. AFI also recommends that the NYSDEC be consulted regarding acceptable clean-up levels at the site, as well as the means by which these objectives will be achieved; once additional data has been collected and reviewed.

9.0 LIMITATIONS

This report is based upon the application of scientific principles and professional judgement to certain facts with resultant subjective interpretations. Professional judgements expressed herein are based on the facts currently available within the limits of the existing data, scope of services, budget and schedule. To the extent that more definitive conclusions are desired by the client than are warranted by the current available facts, it is specifically AFI

Printed on recycled paper
to help protect the environment.

Environmental's intent that the conclusions and recommendations stated herein will be intended as guidance and not necessarily a firm course of action except where explicitly stated as such. AFI makes no warranties, expressed or implied including without limitation, warranties as to merchantability or fitness of a particular purpose. Furthermore, the information provided in this report is not to be construed as legal advice. This investigation and report have been conducted and prepared on behalf of and for the exclusive use of Waste Management of New York, Downing Container et al. who may distribute it at their discretion.

Printed on recycled paper
to help protect the environment.

TABLE 1

SUMMARY OF FIELD SCREENING RESULTS

BORING LOCATION ID NUMBER	DEPTH BELOW GROUND SURFACE								
	0'-2'	2'-4'	4'-6'	6'-8'	8'-10'	10'-12'	12'-14'	14'-16'	16'-18'
	TOTAL ORGANIC VAPORS (TOV'S) MEASURED BY PID (PPM)								
MW-1	0	0	0	0	0	0	0	0	0
MW-2	0	0	0	0	0	0	0	0	0
MW-3	0	0	0	0	0	0	0	0	0
SOIL SAMPLE LOCATION	0.5'-1.0'								
SS-1	0								
SS-2	0								
SS-3	0								
SS-4	0								
SS-5	0								
SS-6	0.2								
SS-7	0.2								
SS-8	0								
SS-9	0								
SS-10 (A)	0.7								
SS-11 (A)	2.5								
SS-12*	0.2								
SS-13*	0.2								
SS-14* (A)	0.2								

* SEDIMENT/SLUDGE Sample from drainage inlet.

(A) These samples were sent out for analysis.

Printed on recycled paper
to help protect the environment.

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
FOR
SOIL SAMPLES

SAMPLE NUMBER			S-1	S-2	S-3
LOCATION			SS-10	SS-11	SS-14
DEPTH BELOW GROUND SURFACE			0'-1'	0'-1'	SEDIM
SUBSTANCE Analysis performed by method 8270.	NYSDEC GUIDANCE VALUES (PPB)*	NYSDEC ALLOWABLE SOIL CONCEN (PPM)**	CONCENTRATIONS (PPB)		
Acenaphthene	20	.9	<700	<720	<1900
Acenpthylene	20	.41	<700	<720	<1900
Benzidine	.002	N/A	<1500	<1600	<3900
Benzo(a)Anthracene	.002	.03	<2900	<700	<1900
Benzo(a)Pyrene	.002	.11	2700	<700	<1900
Benzo(a)Flouranthene	.002	.011	3000	<700	<1900
Benzo(ghi)Perylene	5	8.0	2200	800	<1900
Benzo(k)Flouranthene	.002	1.1	2000	<700	<1900
Biz(2-ethylhexyl) Phthalate	50	4.35	800	1200	50,000
Chrysene	.002	.004	2500	<700	<1900
Dibenzo(a,h) Anthracene	50	1.650	1000	<700	<1900
3,3'-Dichlorobenzidine	N/A	N/A	<1300	<1400	<3900
Di-N-Butyl Phthalate	50	.081	6700	3000	<1900
Flouranthene	50	19	3600	<700	19,000
Indeno-(1,2,3,-c,d) Pyrene	.002	.032	1900	<700	<1900
Phenanthrrene	50	2.20	3400	800	23000
Pyrene	50	6.65	5000	1000	25,000

*,** Reference NYSDEC TAOM- determination of Soil Cleanup Objectives Jan. 24, 1994.

Printed on recycled paper
to help protect the environment.

TABLE 2

SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES (CONT)

SAMPLE NUMBER			S-1	S-2	S-3
LOCATION			SS-10	SS-11	SS-14
DEPTH BELOW GROUND SURFACE			0'-1'	0'-1'	SEDIM
SUBSTANCE Analysis performed by Method 8240.	NYSDEC GUIDANCE VALUES (PPB)	NYSDEC ALLOWABLE SOIL CONCEN (PPM)*	CONCENTRATIONS (PPB)		
Acetone	50	.0011	< 144	69	<3,900
2-Butanone	50	0.3	< 144	<50	<39,000
Vinyl Acetate	N/A	N/A	< 144	<52	<39,000
4-Methyl2-Pentanone	50	.01	< 144	<52	<39,000
Toluene	5	.015	< 14	<5	62,400
2Hexanone	50	N/A	< 144	<52	<39,000
Chlorobenzene	5	.017	< 14	<5	<3,900
Ethylbenzene	5	.055	< 14	<5	<3,900
Total Xylene	5	.012	<29	<11	<7,800
Styrene	50	N/A	< 14	<5	<3,900
1,1,2,2 Tetrachloroethane	5	.006	< 14	<5	<3,900

* NYSDEC Guidance Values from Jan 24, 1994 TAGM-Determination of Soil Cleanup Objectives and Cleanup Levels. HWR94-4046.

Allowable soil concentrations may be increased by a factor of 100 if the contamination is in the unsaturated zone above the water table. The value of 100 for correction is consistent with the logic used by EPA in its Dilution Attenuation Factor (DAF) approach for EP Toxicity and TCLP. (reference TAGM HWR94-4046).

Soil cleanup objectives are obtained by multiplying the allowable soil concentration by the correction factor.

Printed on recycled paper
to help protect the environment

TABLE 2

SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES (CONT)

SAMPLE NUMBER			S-1	S-2	S-3
LOCATION			SS-10	SS-11	SS-14
DEPTH BELOW GROUND SURFACE			0'-1'	0'-1'	SEDIM
SUBSTANCE Analysis performed by Method 6010/7000.	NYSDEC GUIDANCE VALUES (PPB)	NYSDEC ALLOWABLE SOIL CONCEN (PPM)*	CONCENTRATIONS (PPB)		
Total Cyanide	N/A	SB	1.44	0.91	2.39
Arsenic	N/A	7.5/ SB	35.3	5.58	3.96
Barium	N/A	300/SB	350	179	324
Cadmium	N/A	1/SB	<2.45	<2.34	7.22
Chromium	N/A	10/SB	36.6	19.5	31.0
Lead	N/A	SB	393	51.6	131
Mercury	N/A	0.1	0.13	0.09	0.22
Selenium	N/A	2/SB	<0.47	<0.46	<0.31
Silver	N/A	SB	<2.38	<2.33	2.68
Analysis by Method 8080 PCB-1260	0.1	.1	250	6,700	340

* Reference NYSDEC TAGM- Determination of Soil Cleanup Objectives and Cleanup Levels Jan. 24, 1994 HWR 94-4046.

Printed on recycled paper to help protect the environment.

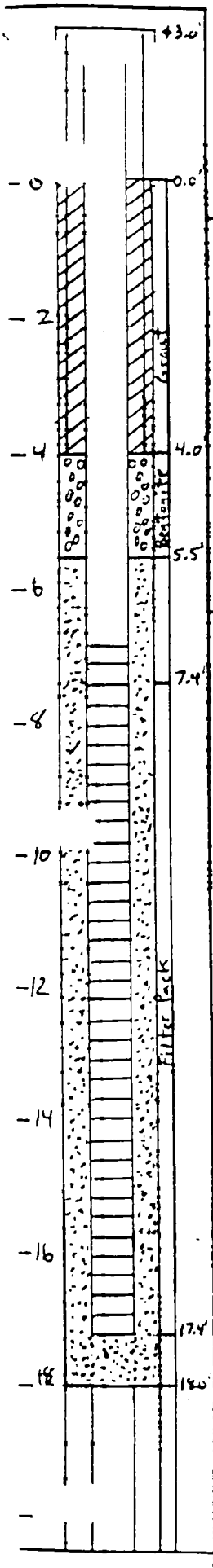
TABLE 3

SUMMARY OF ANALYTICAL TEST RESULTS FOR GROUNDWATER

Sample Number			S-1	S-2	S-3	S-4	S-5
Location			MW -1	MW -2	MW -3	MW -4	M-5
Water surface depth below ground surface			5.1'	7.1'	5.8'	2.9'	5.9
Substance Analyzed	METHOD	NYSDEC Guidance Value (ppb)**	Concentrations (ppb)				
Benzene	8240	0.7	<5	<5	<5	<5	<5
Toluene	8240	5	<5	<5	<5	<5	<5
Ethylbenzene	8240	5	<5	<5	<5	<5	<5
Chlorobenzene	8240	5	<5	<5	<5	<5	<5
Total Xylene	8240	5	10*	10*	10*	10*	10*
Chloroethane	8240	50	10*	10*	10*	10*	10*
Acetone	8240	50	50*	50*	50*	50*	50*
2- Butanone	8240	50	50*	50*	50*	50*	50*
4-Methyl-2-Pentanone	8240	50	50*	50*	50*	50*	50*
Styrene	8240	5	<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane	8240	5	<5	<5	<5	<5	<5
Naphthalene	8270	10	<5	<5	<5	<5	<5
Benzo(a)Anthracene	8270	.002	<5	<5	<5	<5	<5
Benzo(a)Pyrene	8270	.002	<5	<5	<5	<5	<5
Floranthene	8270	50	<5	<5	<5	<5	<5
Chrysene	8270	.002	<5	<5	<5	<5	<5

NOTES:
* All value are less than stated value
** TCLP Extraction Guidance Value for Gasoline Contaminated Soil as specified in the STARS Memo #1 prepared by the NYSDEC.

Printed on recycled paper to help protect the environment



Well No. MW-1

Boring No. X-Ref: "

MONITOR WELL CONSTRUCTION SUMMARY

Survey Coords: _____ Elevation Ground Level _____

Top of Casing (PVC)

Drilling Summary:

Total Depth 18.0 ft.
Borehole Diameter 10.0 in.
Casing Stick-up Height: (PVC): 2.6 ft.
Driller B. Lambert (MSTD Services)
Niagara Falls, New York
Rig Mobile Drill: B-57
Bit(s) Auger bit w/ plug
Drilling Fluid N/A
Protective Casing 6" x 7' Steel: Set @ 4.0ft.

Construction Time Log:

Task	Start Date	Start Time	Finish Date	Finish Time
Drilling	10/27/94	1000	10/27/94	11:00
Geophys. Logging:	—	—	—	—
Casing: Well Installation	10/27/94	1100	10/27/94	1120
Filter Placement:	10/27/94	1120	10/27/94	1140
Cementing:	10/27/94	1140	10/27/94	1150
Development:	10/31/94	1030	10/31/94	1445

Well Design & Specifications

Basis: Geologic Log X Geophysical Log ___
Casing String (s): C = Casing S = Screen.

Depth	String(s)	Elevation
+2.6' - 7.4'	C	—
7.4' - 17.4'	S	—
—	—	—
—	—	—
—	—	—

Casing: C1 2" PVC - Flush thread
C2 —
Screen: S1 2" PVC (10 slot) - Flush thread
S2 —
Filter Pack: #3 Morie
5.5 - 18.0 ft. BGS
Grout Seal: Portland Cement/Bentonite
Surface to 4.0 ft. BGS
Bentonite Seal: Medium Bentonite Chips
(Hydrated above water table)
4.0 - 5.5 ft. BGS

Well Development:

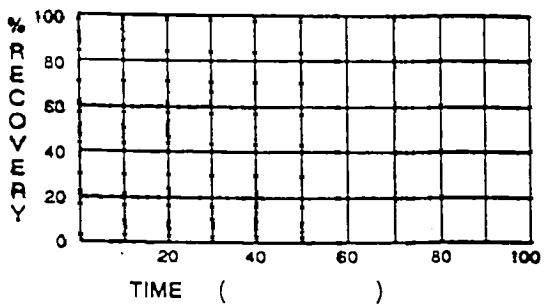
Well Volume = 1.4 gallons. 10/31/94
Well purged of ~10 well volumes.
Water contained on site in 55 gal drum

Stabilization Test Data: N/A

Time	pH	Spec. Cond.	Temp. (C)

Recovery Data: N/A

Q= S_o=



Comments: Well was sampled with dedicated bailer on 11/2/94 for TCL Organics (8240, 8270, 8080) and TAL Inorganics (TCN, metals). Samples submitted to Lozier Labs, 909 Culver Rd., Rochester, NY.

SITE NAME WMNY LOCATION 191 Ganson St., Buffalo, NY
WC 10165
SUPERVISED BY Scott M. Cady DATE 10/27/94

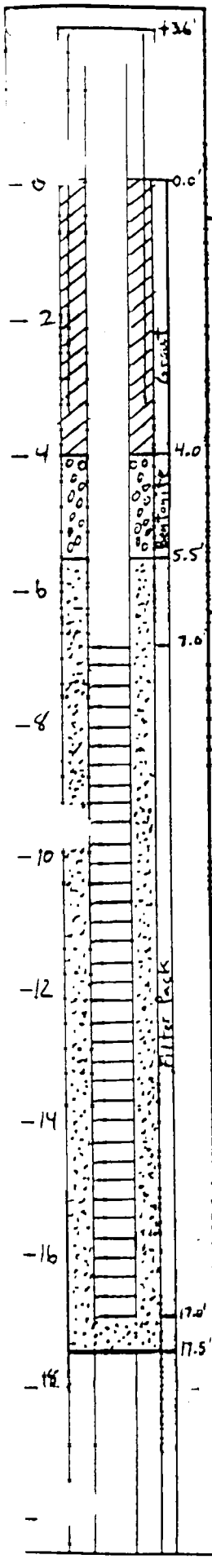
Well No. MW-2

Boring No. X-Ref: "

MONITOR WELL CONSTRUCTION SUMMARY

Survey Coords: _____ Elevation Ground Level _____

Top of Casing (PVC)



Drilling Summary:

Total Depth 17.5 ft.
Borehole Diameter 10.0 in.
Casing Stick-up Height: (PVC) = 3.6 ft.
Driller B. Lambert (MSTD Services)
Niagara Falls, New York
Rig Mobile Drill: B-57
Bit(s) Auger bit w/ plug
Drilling Fluid N/A
Protective Casing 6" x 7' Steel: Set @ 3.4 ft.

Construction Time Log:

Task	Start Date	Start Time	Finish Date	Finish Time
Drilling	10/27/94	1330	10/27/94	1430
Geophys. Logging:	—	—	—	—
Casing:	10/27/94	1430	10/27/94	1435
Well Installation				
Filter Placement:	10/27/94	1435	10/27/94	1445
Cementing:	10/27/94	1445	10/27/94	1515
Development:	10/31/94	1645	10/31/94	1505

Well Design & Specifications

Basis: Geologic Log X Geophysical Log ___

Casing String (s): C = Casing S = Screen.

Depth	String(s)	Elevation
+3.6' - 7.0'	C	—
7.0' - 17.0'	S	—
—	—	—
—	—	—
—	—	—

Casing: C1 2" PVC - Flush thread

C2 —

Screen: S1 2" PVC (10 slot) - Flush thread

S2 —

Filter Pack: #3 Morie
5.5 - 17.5 ft. BGS

Grout Seal: Portland Cement / Bentonite
Surface to 4.0 ft. BGS

Bentonite Seal: Medium Bentonite Chips (Hydrated above water table)
4.0 - 5.5 ft. BGS

Well Development:

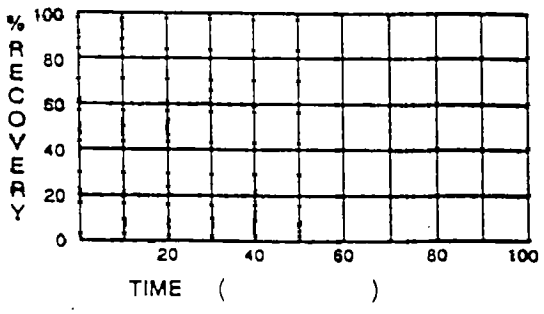
Well Volume = 1.1 gallons. 10/31/94
Well purged of 10 well volumes.
Water contained on site in 55 gal drum

Stabilization Test Data: N/A

Time	pH	Spec. Cond.	Temp (°C)

Recovery Data: N/A

Q= S_o=

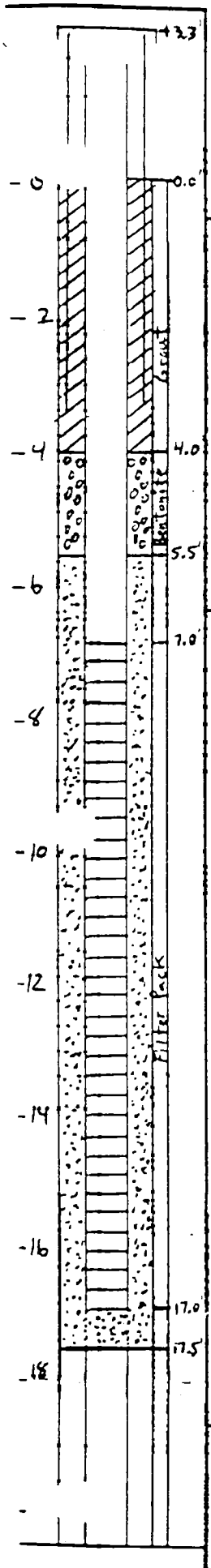


Comments: Well was sampled with dedicated bailer on 11/2/94 for TCL Organics (8240, 8270, 8080) and TAL Inorganics (TCN, metals). Samples submitted to Lozier Labs, 909 Culver Rd., Rochester, NY.

SITE NAME WMNY LOCATION 191 Ganson St., Buffalo, NY

WC 10165

SUPERVISED BY Scott M. Cody DATE 10/27/94



Well No. MW-3

Boring No. X-Ref: "

MONITOR WELL CONSTRUCTION SUMMARY

Survey Coords: _____ Elevation Ground Level _____

Top of Casing (PVC)

Drilling Summary:

Total Depth 17.5 ft.
Borehole Diameter 10.0 in.
Casing Stick-up Height: (PVC) : 2.9 ft.
Driller B. Lambert (MSTD Services)
Niagara Falls, New York
Rig Mobile Drill: B-57
Bit(s) Auger bit w/ plug
Drilling Fluid N/A
Protective Casing 6" x 7' Steel: Set @ 3.7 ft.

Construction Time Log:

Task	Start Date	Start Time	Finish Date	Finish Time
Drilling	10/27/94	1600	10/28/94	0800
Geophys. Logging:	—	—	—	—
Casing:				
Well Installation	10/28/94	0930	10/28/94	0805
Filter Placement:	10/28/94	0805	10/28/94	0920
Cementing:	10/28/94	0920	10/28/94	0850
Development:	10/31/94	1105	10/31/94	1545

Well Design & Specifications

Basis: Geologic Log X Geophysical Log ___
Casing String (s): C = Casing S = Screen.

Depth	String(s)	Elevation
+3.0' - 7.0'	C	___ - ___
7.0' - 17.0'	S	___ - ___
___ - ___	___	___ - ___
___ - ___	___	___ - ___
___ - ___	___	___ - ___

Casing: C1 2" PVC - Flush thread
C2 —
Screen: S1 2" PVC (10 slot) - Flush thread
S2 —
Filter Pack: #3 Morie
5.5 - 17.5 ft. BGS
Grout Seal: Portland Cement/Bentonite
Surface to 4.0 ft. BGS
Bentonite Seal: Medium Bentonite Chips
(hydrated above water table)
4.0 - 5.5 ft. BGS

Well Development:

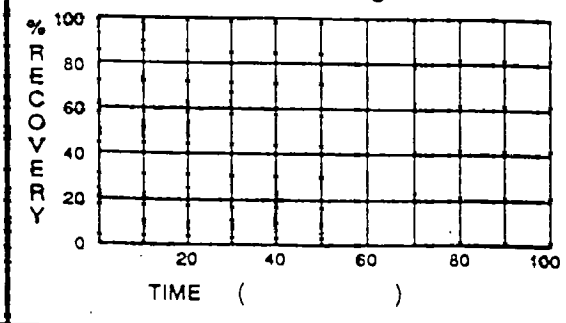
Well Volume = 1.3 gallons. 10/31/94
Well purged of 10 well volumes.
Water contained on site in 55 gal drum

Stabilization Test Data: N/A

Time	pH	Spec. Cond.	Temp (C)

Recovery Data: N/A

Q= S_o=



Comments: Well was sampled with dedicated bailer on 11/2/94 for TCL Organics (8240, 8270, 8080) and TAL Inorganics (TCN, metals). Samples submitted to Lozier Labs, 909 Culver Rd., Rochester, N.Y.

SITE NAME WMNY LOCATION 191 Ganson St., Buffalo, NY WC 10165

SUPERVISED BY Scott M. Cady DATE 10/28/94

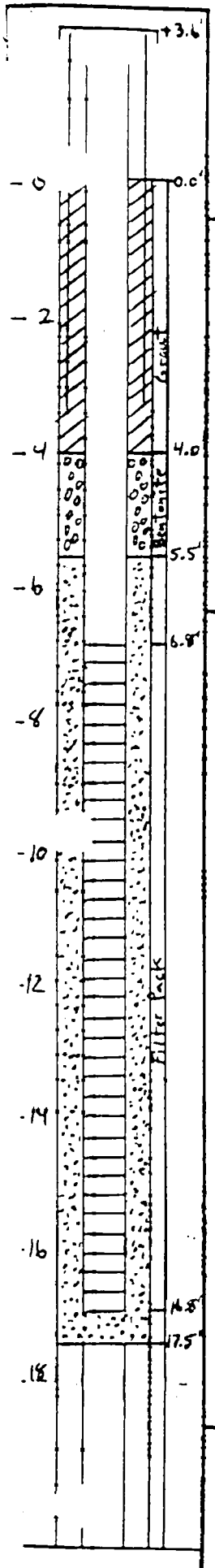
Well No. MW-4

Boring No. X-Ref: "

MONITOR WELL CONSTRUCTION SUMMARY

Survey Coords: _____ Elevation Ground Level _____

Top of Casing (PVC)



Drilling Summary:

Total Depth 17.5 ft.
Borehole Diameter 10.0 in.
Casing Stick-up Height: (PVC): 3.2 ft.
Driller B. Lambert (MSTD Services)
Niagara Falls, New York

Rig Mobile Drill: B-57
Bit(s) Auger bit w/ plug

Drilling Fluid N/A

Protective Casing 6" x 7' Steel: Set @ 3.4'

Construction Time Log:

Task	Start Date	Start Time	Finish Date	Finish Time
Drilling	10/28/94	0945	10/28/94	1215
Geophys. Logging:	—	—	—	—
Casing:				
Well Installation	10/28/94	1215	10/28/94	1220
Filter Placement:	10/28/94	1220	10/28/94	1235
Cementing:	10/28/94	1235	10/28/94	1300
Development:	10/31/94	1110	10/31/94	1630

Well Design & Specifications

Basis: Geologic Log X Geophysical Log ___
Casing String (s): C = Casing S = Screen.

Depth	String(s)	Elevation
+3.2' - 6.8'	C	—
6.8' - 14.8'	S	—
—	—	—
—	—	—
—	—	—

Casing: C1 2" PVC - Flush thread
C2 —

Screen: S1 2" PVC (10 slot) - Flush thread
S2 —

Filter Pack: #3 Morie
5.5 - 17.5 ft. BGS

Grout Seal: Portland Cement / Bentonite
Surface to 4.0 ft. BGS

Bentonite Seal: Medium Bentonite Chips (hydrated above water table)
4.0 - 5.5 ft. BGS

Well Development:

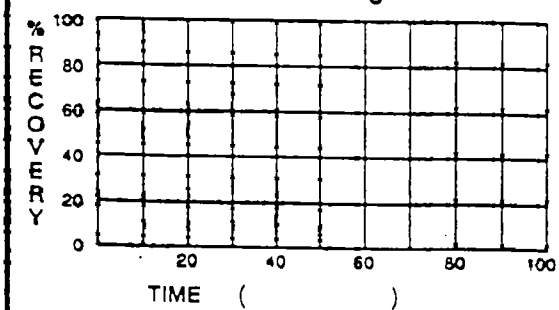
Well Volume = 1.6 gallons. 10/31/94
Well purged of 10 well volumes;
Water contained on site in 55 gal drum

Stabilization Test Data: N/A

Time	pH	Spec. Cond.	Temp (C)

Recovery Data: N/A

Q= S_o=



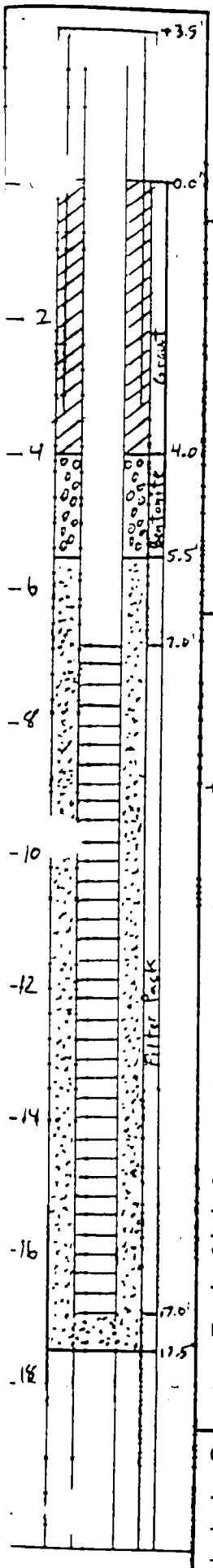
Comments: Well was sampled with dedicated bailer on 11/2/94 for TCL Organics (8240, 8270, 8080) and TAL Inorganics (TCN, metals). Samples submitted to Lozier Labs, 909 Culver Rd., Rochester, NY.

SITE NAME WMNY LOCATION 191 Genesee St., Buffalo, NY

WC 10165

SUPERVISED BY Scott M. Cady DATE 10/28/94

Printed on recycled paper



Well No. MW-5

Boring No. X-Ref: "

MONITOR WELL CONSTRUCTION SUMMARY

Survey Coords: _____ Elevation Ground Level _____

Top of Casing (PVC)

Drilling Summary:

Total Depth 17.5 ft.
Borehole Diameter 10.0 in.
Casing Stick-up Height: (PVC) : 3.0 ft.
Driller B. Lambert (MSTD Services)
Niagara Falls, New York
Rig Mobile Drill: B-57
Bit(s) Auger bit w/ plug
Drilling Fluid N/A
Protective Casing 6" x 7' Steel: Set @ 3.5 ft.

Construction Time Log:

Task	Start Date	Start Time	Finish Date	Finish Time
Drilling	10/28/94	1340	10/28/94	1430
Geophys. Logging:	—	—	—	—
Casing:				
Well Installation	10/28/94	1430	10/28/94	1435
Filter Placement:	10/28/94	1435	10/28/94	1455
Cementing:	10/28/94	1455	10/28/94	1515
Development:	10/31/94	1055	10/31/94	1700

Well Design & Specifications

Basis: Geologic Log X Geophysical Log ___
Casing String (s): C = Casing S = Screen.

Depth		String(s)	Elevation
+3.0'	7.0'	C	
7.0'	17.0'	S	

Casing: C1 2" PVC - Flush thread
C2 —
Screen: S1 2" PVC (10 slot) - Flush thread
S2 —
Filter Pack: #3 Marie
5.5 - 17.5 ft. BGS
Grout Seal: Portland Cement / Bentonite
Surface to 4.0 ft. BGS
Bentonite Seal: Medium Bentonite Chips
(Hydrated above water table)
4.0 - 5.5 ft. BGS

Well Development:

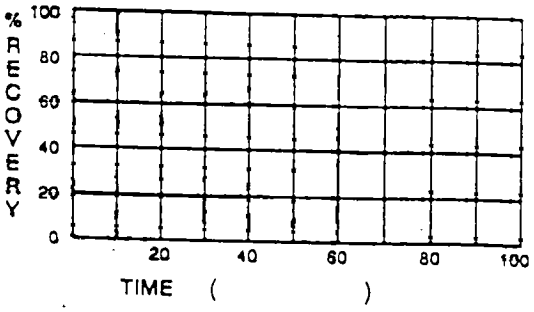
Well Volume = 1.2 gallons. 10/31/94
Well purged of 10 well volumes.
Water contained on site in 55 gal drum

Stabilization Test Data: N/A

Time	pH	Spec. Cond.	Temp. (C)

Recovery Data: N/A

Q= S_o=



Comments:

Well was sampled with dedicated bailer on 11/2/94 for TCL Organics (8240, 8270, 8080) and TAL Inorganics (TCN, metals). Samples submitted to Lozier Labs, 909 Culver Rd., Rochester, N.Y.

SITE NAME WMNY LOCATION 191 Ganson St., Buffalo, NY
WC 10165
SUPERVISED BY Scott M. Cady DATE 10/28/94

FIELD LOG – SOIL BOREHOLE

SITE NAME AND LOCATION: WMNY - 191 Gunson St. Buffalo, New York

Western property line near entrance along chain link fence.

DATUM: ELEVATION:

DRILL RIG: Mobile Drill: B-57

ANGLE: — BEARING: —

SAMPLE HAMMER TORQUE: N/A FT.-LBS

DRILLING METHOD: 4¼" I.D. Hollow-stem augers

SAMPLING METHOD: Continuous Split-spoon samples ASTM: D-1586

WATER LEVEL	8.10'	8.37'	7.71'	
TIME	1100	1030	1050	
DATE	10/27/94	10/21/94	11/2/94	
CASING DEPTH	—	—	—	

BORING NO.: MW-1

SHEET: 1 OF 1

DRILLING: START TIME 1000 DATE 10/27/94; FINISH TIME 1100 DATE 10/27/94

SURFACE CONDITIONS: Generally crushed stone / fill material in parking and / or storage areas

DRILLING CONTR. MSTD Services Niagara Falls, New York

FS 21478

DEPTH IN FEET (ELEVATION)	BLOWS/6 IN ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	SAMPLER AND BIT	CASING TYPE	BLOWS/FOOT ON CASING	DEPTH IN FEET FROM	DEPTH IN FEET TO	DESCRIPTION OF OPERATION AND REMARKS
2	5-4 4-4 (1.1')		1 Dk brn-blk FILL, f-m GRAVEL (slag) and f-c SAND, loose, damp.	N/A	N/A	N/A	0	2'	Note: Headspace readings (HNu-101) performed on all recovered samples (0 ppm for all)
4	2-2 2-6 (0.8')	3.5'	2 Same, some cinders and brick, damp brn wet ~3.5' (No Recovery S-3), spoon saturated.				2	4'	
6	9-6 5-6 (NA)		3 Med brn, mottled org brn Clayey SILT, little f Sand, damp, mod compact, grdg to silty fine SAND @ 7.0'				4	6'	
8	2-3 3-3 (1.7')	7.0'	4 Med brn silty f SAND, some med grey rust mottling, mod compact, saturated slight increase silt w/ depth.				6	8'	
10	2-1 2-2 (1.4')		5 Med brn, silty VF-F SAND, saturated, Same to 13.2'				8	10'	
12	1-2 1-2 (1.9')		6 Med brn clayey SILT, organic-rich, damp-moist, mod compact, abnt wood fragments (natural).				10	12'	
14	2-2 2-2 (2.0')	13.2' 12.8'	7 Med-dk grey Silty CLAY, moist, mod. plastic				12	14'	
16	2-2 6-6 (1.5')	14.9'	8 Med brn, occ org brn mottling silty fine SAND, loose-sl compact, saturated slight increase in grain size w/depth f gravel/c Sand lense 14.7-16.9', silty clay lense 16.9-17.1'				14	16'	Boring terminated @ 18.0' Augered to 18.0' Set 2" x 10' PVC screen (10 slot) @ 17.5' (See Monitoring Construction Summary)
18	1-2 3-4 (1.9')	17.6'	9 Red brn CLAY, some silt, damp, mod stiff, mod plastic.				16	18'	
20									

LOGGED BY Scott M. Cody DATE 10/27/94 CHK'D BY

FIELD LOG – SOIL BORE HOLE

SITE NAME AND LOCATION: WMNY - 191 Ganson St. Buffalo, New York

Western property line (along Ganson St.) near south west corner of property.

DATUM: — ELEVATION: —

DRILL RIG: Mobile Drill: B-57

ANGLE: — BEARING: —

SAMPLE HAMMER TORQUE: N/A FT.-LBS

DRILLING METHOD: 4¼" I.D. Hollow-stem augers

SAMPLING METHOD: Continuous Split-spoon samples

ASTM: D-1586

BORING NO.: MW-2

SHEET: 1 OF 1

				DRILLING START	DRILLING FINISH
WATER LEVEL (STOL-PVC)	11.0'	10.34'	10.13'		
TIME	1430	1045	1123	TIME 1330	TIME 1430
DATE	10/27/94	10/31/94	11/2/94	DATE 10/27/94	DATE 10/27/94
CASING DEPTH	—	—	—		

SURFACE CONDITIONS: Generally crushed stone / fill material in parking and/or storage areas

DRILLING CONTR: MSTD Services, Niagara Falls, New York

FS 21478

DEPTH IN FEET (ELEVATION)	BLOWS/6 IN ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	SAMPLER AND BIT	CASING TYPE	BLOWS/FOOT ON CASING	DEPTH IN FEET FROM	DEPTH IN FEET TO	DESCRIPTION OF OPERATION AND REMARKS
2	10-9 10-11 (0.2')		1 Med-dk brn f GRAVEL and f-c SAND, little Silt + Clay, loose, damp. (No Recovery: S-2), spoon dry.				0	2'	Note: Headspace readings (HNu-101) performed on all recovered samples (0 ppm for all).
	16-10 10-8 (NR)	~3.5'	2 Med-dk brn / grey brn w/ org brn mottling clayey SILT, organic-rich, mod compact, damp.				2	4'	
4	9-6 7-7 (1.0')		3 Some grdy to silty Fine sand 6.3'				4	6'	
6	7-7 8-7 (1.4')	6.3'	4 Med brn / grey brn, org brn mottling silty f SAND, mod compact, damp-moist.				6	8'	
8	2-2 2-3 (1.8')		5 Some to 10.8', wet-saturated, w/ thin Silty Clay seams.				8	10'	
10	2-1 2-2 (2.0')	10.8' 11.4'	6 Med-dk grey brn Clayey SILT, organic-rich, damp, mod-sl compact				10	12'	
12	2-1 2-2 (1.8')		7 Med-dk grey Silty CLAY, damp, mod plastic w/ thin Silty f Sand seams, mod compact, wet, occ organic-rich, occ olive green.				12	14'	
14	3-3 3-3 (1.0')	14.5'	8 Olive green Silty f-m SAND, little f Gravel, mod-sl compact, saturated				14	16'	Sampled to 18.0' Augered to 17.5' Set 2" x 10' Screen (10 slot) at 17.0' (See Monitor Well Construction Summary)
16	1-3 5-6 (2.0')	17.5'	9 Same, decrease f Gravel, saturated				16	18'	
18			Red brn Silty CLAY, plastic, moist						
20									

LOGGED BY: Scott M. Cody

DATE: 10/27/94 CHK'D BY: ____

© material may not be reproduced

FIELD LOG – SOIL BOREHOLE

SITE NAME AND LOCATION: WMNY - 191 Ganson St. Buffalo, New York

Along northern property line north of office and maintenance building.

DATUM: ELEVATION:

DRILL RIG: Mobile Drill: B-57

ANGLE: — BEARING: —

SAMPLE HAMMER TORQUE: N/A FT.-LBS

DRILLING METHOD: 4¼" I.D. Hollow-stem augers

SAMPLING METHOD: Continuous Split-spoon samples ASTM: D-1586

BORING NO.: MW-3

SHEET: 1 OF 1

(PVC) WATER LEVEL	11.55'	8.97'	8.77'
TIME	0800	1105	1230
DATE	10/26/94	10/31/94	11/2/94
CASING DEPTH	—	—	—

DRILLING START: TIME 1600, DATE 10/27/94

DRILLING FINISH: TIME 0800, DATE 10/28/94

SURFACE CONDITIONS: Generally crushed stone / fill material in parking and/or storage areas

DRILLING CONTR: MSTD Services, Niagara Falls, New York

FS 214478

DEPTH IN FEET (ELEVATION)	BLOWS/6 IN ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	SAMPLER AND BIT	CASING TYPE	BLOWS/FOOT ON CASING	DEPTH IN FEET FROM	DEPTH IN FEET TO	DESCRIPTION OF OPERATION AND REMARKS
2	7-10 9-10 (1.5')	2.5'	1 Blk-dk brn Fill, cinders, slag, fr brick, loose - sl compct, mst.				0	2'	Note: Headspace readings (HNu-10.1) performed on all recovered samples (0 ppm on all).
			Same to 2.5'						
4	5-6 5-6 (1.8')		2 Med brn - red brn, occ orng brn mottling, mod plastic, damp - moist. Silty clay				2	4'	
	5-4 5-6 (1.7')		3 Same, some olive green w/ thin (<½") fine sand seams.				4	6'	
6	6-5	6.5'	Same to 6.5'						
	1-4 1-0'		4 Med-dk brn, clayey SILT, organic-rich, loose, wet, w/ occ v thin (<1") fine sand seams.				6	8'	
8	2-3 4-5 (1.7')	8.5'	5 Med-dk grey w/ olive green & orng brn mottling silty CLAY, mod stiff, mst, organic-rich, w/ occ thin f sand seams, moist-wet.				8	10'	
10	2-2 2-2 (1.9')	11.5'	6				10	12'	
12	2-3 2-3 (1.8')		7 Grades to grey brn / olive green silty f SAND, mod compct, saturated				12	14'	
14	1-4 6-8 (1.6')		8 Interbedded/interlaminated olive green, grey brn w/ orng brn mottling silty CLAY and silty f SAND, moist, saturated in sand lenses.				14	16'	
16	7-8 7-8 (2.0')	17.7'	9				16	18'	Sampled to 18.0' Augered to 17.5' 2" x 10' Screen (10 slot) set @ 17.2'
18			Red brn w/ med grey mottling silty CLAY, mod stiff, mod plastic, moist (spoon saturated).						
20									

LOGGED BY Scott M. Cody

DATE 10/27-10/28/94 CHK'D BY

FIELD LOG – SOIL BOREHOLE

SITE NAME AND LOCATION: WMNY - 191 Ganson St. Buffalo, New York

Northeast corner of property.

DRILLING METHOD: 4¼" I.D. Hollow-stem augers

SAMPLING METHOD: Continuous Split-spoon samples ASTM: D-1586

BORING NO.: MW-4

SHEET: 1 OF 1

				DRILLING START	DRILLING FINISH
WATER LEVEL	11.22	6.94'	6.08'		
TIME	1215	1110	1330	0945	1215
DATE	10/28/94	10/31/94	11/2/94	10/28/94	10/28/94
CASING DEPTH	–	–	–		

DATUM: ELEVATION:

DRILL RIG: Mobile Drill: B-57

ANGLE: – BEARING: –

SAMPLE HAMMER TORQUE: N/A FT.-LBS

SURFACE CONDITIONS: Generally crushed stone / fill material in parking and/or storage areas

DRILLING CONTR: MSTD Services, Niagara Falls, New York

DEPTH IN FEET (ELEVATION)	BLOWS/6 IN ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	BLOWS/FOOT ON CASING	DEPTH IN FEET FROM	DEPTH IN FEET TO	DESCRIPTION OF OPERATION AND REMARKS
2	10-6 6-5 (1.4')	2.4'	1 Med-dk brn FILL, f-m GRAVEL (cinders / slag), wood, to brick fuse, damp, becm wet @ 2.4'		0	2'	Note: Head space readings (HNu-10) performed on all recovered samples (0 ppm on all).
4	6-5 3-3 (1.7')	4.5'	2 Red brn w/ grey, org brn mottling clayey SILT, w/ thin silty f sand seams, mod stiff, damp.		2	4'	
6	3-3 3-3 (1.1')		3 Grades to grey brn / olive green silty CLAY, mod plastic, moist w/ v thin seams / lenses silty f sand.		4	6'	
8	2-3 3-6 (2.0')	9.0'	4 Some to 9.0', brn wet.		6	8'	
10	3-3 4-4 (1.5')		5 Grades to olive green / grey silty f SAND, some clay, moist-wet mod compct.		8	10'	
12	3-2 3-4 (2.0')		6 Some, sl incr sand, wet-saturated		10	12'	
14	2-2 2-3 (2.0')	13.5'	7 Grades to silty clay w/ thin f sand.		12	14'	
16	4-3 5-8 (2.0')	14.9'	8 Dk grey brn clayey SILT, organic-rich, mod compct, wet 14.2'-14.5' steel grey silty CLAY. 14.5'-14.9' steel grey silty f-m sand, loose, saturated.		14	16'	Sampled to 18.0' Augered to 17.5' Set 2" x 10' Screen (10 slot) @ 16.8' (See Monitor Well Construction Summary)
18	10-16 27-26 (1.7')		9 Red brn silty clay w/ grey f sand fracture fill / seams, mod plastic, moist.		16	18'	
20							

LOGGED BY Scott M. Cody DATE 10/28/94 CHK'D BY

FS 21478

FIELD LOG – SOIL BORE HOLE

SITE NAME AND LOCATION: WMNY - 191 Ganson St. Buffalo, New York

Along chainlink fence on eastern property line due east of entrance.

DATUM: ELEVATION:

DRILL RIG: Mobile Drill: B-57

ANGLE: — BEARING: —

SAMPLE HAMMER TORQUE: N/A FT.-LBS

DRILLING METHOD: 4¼" I.D. Hollow-stem augers

SAMPLING METHOD: Continuous Split-spoon samples

ASTM: D-1586

WATER LEVEL	10.48'	9.24	8.98'
TIME	1340	1055	1400
DATE	10/28/94	10/31/94	11/2/94
CASING DEPTH	—	—	—

BORING NO.: MW-5

SHEET: 1 OF 1

DRILLING START: TIME 1340 DATE 10/28/94

DRILLING FINISH: TIME 1430 DATE 10/28/94

SURFACE CONDITIONS: Generally crushed stone / fill material in parking and/or storage areas

DRILLING CONTR: MSTD Services, Niagara Falls, New York

FS 21478

DEPTH IN FEET (ELEVATION)	BLOWS/6 IN ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	BAMPLER AND BIT	CASING TYPE	BLOWS/FOOT ON CASING	DEPTH IN FEET FROM	DEPTH IN FEET TO	DESCRIPTION OF OPERATION AND REMARKS
2	10-6 10-20 (1.4')		1 Med - dk brn FILL, cinders, slag, chert fragments, some brick, trace asphalt w/ clayey silt matrix, dry - sl damp				0	2'	Note: Headspace readings (HNu-10) performed on all recovered samples (0 ppm on all).
4	7-5 5-4 (1.4')		2				2	4'	
	5-4 5-4 (2.0')	5.5'	3 3.0-4.5': olive green w/ org brn mottling clayey SILT, little F Sand, mod compact, damp - moist.				4	6'	
6	3-3	6.6'	Dk grey organic-rich clayey SILT little F Gravel, wood, moist.				6	8'	
	4-4 (1.7')	7.5'	4 Olive green w/ blk and org brn mottling, SILT, CLAY, plastic, moist, grading to olive green Silty F SAND, w/ thin clayey silt/silt, clay seams, mod compact, moist.				8	10'	
8	6-5 4-5 (1.5')		5				10	12'	
10	3-3 3-3 (1.5')		6 Same, sl increase f sand, occ thin f-g silty sand lenses saturated.				12	14'	
12	3-2	13.0'	7				14	16'	Sampled to 18.0'
	2-3 (2.0')		Dk grey brn - blk organic-rich clayey SILT, tr f gravel, wood, mod compact, damp - moist.						Augered to 17.5'
14	3-4	15.0'	8						Set 2" x 10' Screen (10 slot) @ 17.0'
	3-4 (2.0')		Grey brn f-m SAND, some silty clay, mod compact, wet - saturated slight incr Sand w/ depth.				16	18'	(See Monitor Well Construction Summary)
16	3-3 7-6 (2.0')	17.2'	9						
18			Rdbrn and mod grey brn (Laminated) Silty CLAY, mod stiff, mod plastic, damp						
20									

LOGGED BY: Scott M. Cody

DATE: 10/28/94

CHK'D BY:

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : AFI ENVIRONMENTAL
6101 ROBINSON RD
LOCKPORT, NY 14094

DATE REC'D. : 12/06/94
LABORATORY NO. : 94116329
REPORT DATE : 12/09/94

ATTN : BILL HEITZENRATER

RE : WMNY, GANSON ST., BUFFALO, NY

SAMPLE INFORMATION

SAMPLE DATE : 12/06/94
SAMPLE TIME : 12:20-12:47 PM
NUMBER OF SAMPLES : 3

LOCATION : SEE REFERENCE
TYPE OF SAMPLE: SOILS/SLUDGE
SAMPLER : LOZIER LABS

PESTICIDES

PARAMETER	WET WT	DRY WT	WET WT	DRY WT	WET WT	DRY WT	UNITS
	LOCATION #10		LOCATION #9		LOCATION #14		
ALPHA-ENDOSULFAN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
BETA-ENDOSULFAN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ENDOSULFAN SULFATE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ALPHA-BHC	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
BETA-BHC	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
DELTA-BHC	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
GAMMA-BHC	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ALDRIN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
DIELDRIN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
4,4-DDE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
4,4-DDD	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
4,4-DDT	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ENDRIN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ENDRIN ALDEHYDE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
HEPTACHLOR	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
HEPTACHLOR EPOXIDE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
CHLORDANE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
TOXAPHENE	<0.5	<0.6	<0.5	<0.6	<0.5	<0.8	mg/kg
METHOXYCHLOR	<0.10	<0.1	<0.10	<0.1	<0.10	<0.1	mg/kg
% SURROGATE RECOVERIES:	116	--	132	--	336*	--	%

Analysis performed by EPA Method 8080 Organochlorine Pesticides and PCB's on 11/29/94 and extracted on 12/08/94.

*High % recovery due to matrix pattern interference (acceptable range: 34-183%).

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94126329

POLYCHLORINATED BIPHENYLS

PARAMETER	WET WT LOCATION #10	DRY WT LOCATION #10	WET WT LOCATION #9	DRY WT * LOCATION #9	WET WT LOCATION #14	DRY WT LOCATION #14	UNITS
PCB-1221	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB 1232	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1016	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1242	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1248	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1254	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1260	0.22	0.25	5.6	6.7	0.22	0.34	mg/kg
PCB-1262	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1268	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
TOTAL PCB's	0.22	0.25	5.6	6.7	0.22	0.34	mg/kg
**% SOLIDS	89.1	--	83.4	--	63.9	--	%
% SURROGATE RECOVERIES:	116	--	132	--	336*	--	%

Analysis performed by EPA Method 8080 Organochlorine Pesticides and PCB's on 11/29/94 and extracted on 12/08/94.

*High % recovery due to matrix pattern interference (acceptable range: 34-183%).

**Percent Solids analysis performed by EPA Method 160.3 on 12/09/94.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94126329

EPA METHOD 8270 SEMIVOLATILES (ACIDS/BASE NEUTRALS)
MATRIX : SOLID

PARAMETER	WET WT	DRY WT	WET WT	DRY WT	WET WT	DRY WT	METHOD
	LOCATION #10		LOCATION #9		LOCATION #14		BLANK
ACENAPHTHENE	<620	<700	<620	<720	<1,200	<1,900	<330
ACENAPTHYLENE	<620	<700	<620	<720	<1,200	<1,900	<330
ANTHRACENE	760	850	<620	<720	<1,200	<1,900	<330
BENZIDINE	<1,300	<1,500	<1,300	<1,600	<2,500	<3,900	<660
BENZO(a)ANTHRACENE	2,600	2,900	<620	<700	<1,200	<1,900	<330
BENZO(a)PYRENE	2,400	2,700	<620	<700	<1,200	<1,900	<330
BENZO(b)FLUORANTHENE	2,800	3,000	<620	<700	<1,200	<1,900	<330
BENZO(ghi)PERYLENE	2,000	2,200	630	800	<1,200	<1,900	<330
BENZO(k)FLUORANTHENE	1,800	2,000	<620	<700	<1,200	<1,900	<330
BENZOIC ACID	<1,300	<1,500	<1,300	<1,600	<2,500	<3,900	<660
BENZYL ALCOHOL	<1,300	<1,500	<1,300	<1,600	<2,500	<3,900	<660
BENYL BUTYL PHTHALATE	<620	<700	<620	<700	<1,200	<1,900	<330
BIS(2-CHLOROETHOXY)METHANE	<620	<700	<620	<700	<1,200	<1,900	<330
BIS(2-CHLOROETHYL)ETHER	<620	<700	<620	<700	<1,200	<1,900	<330
BIS(2-CHLOROISOPROPYL)ETHER	<620	<700	<620	<700	<1,200	<1,900	<330
BIS(2-ETHYLHEXYL)PHTHALATE	700	800	990	1,200	32,000	50,000	<330
4-BROMOPHENYLPHENYL ETHER	<620	<700	<620	<700	<1,200	<1,900	<330
4-CHLORO-3-METHYLPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
4-CHLOROANILINE	<620	<700	<620	<700	<1,200	<1,900	<330
2-CHLORONAPHTHALENE	<620	<700	<620	<700	<1,200	<1,900	<330
2-CHLOROPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
4-CHLOROPHENYL PHENYL ETHER	<620	<700	<620	<700	<1,200	<1,900	<330
CHRYSENE	2,200	2,500	<620	<700	<1,200	<1,900	<330
DIBENZO(a,h)ANTHRACNE	900	1,000	<620	<700	<1,200	<1,900	<330
DIBENZOFURAN	<620	<700	<620	<700	<1,200	<1,900	<330
1,2-DICHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
1,3-DICHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
1,4-DICHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
3,3'-DICHLOROBENZIDINE	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
DIETHYL PHTHALATE	<620	<700	<620	<700	<1,200	<1,900	<330
2,4-DICHLOROPHENOL	<620	<700	<1,200	<1,400	<1,200	<1,900	<330
DIMETHYL PHTHALATE	<620	<700	<1,200	<1,400	<1,200	<1,900	<330
DI-N-BUTYL PHTHALATE	6,000	6,700	2,700	3,000	<1,200	<1,900	1,400
DI-N-OCTYL PHTHALATE	<620	<700	<620	<700	<1,200	<1,900	<330
2,4-DINITROTOLUENE	<620	<700	<620	<700	<1,200	<1,900	<330
2,6-DINITROTOLUENE	<620	<700	<620	<700	<1,200	<1,900	<330
FLUORANTHENE	3,200	3,600	<620	<700	12,000	19,000	<330
FLOURENE	<620	<700	<620	<700	<1,200	<1,900	<330

Analysis performed by EPA Method 8270 Solid Waste on 12/08/94 and extracted on 12/07/94.
Results expressed in ug/kg.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFEIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94126329

EPA METHOD 8270 SEMIVOLATILES (ACIDS/BASE NEUTRALS)
MATRIX : SOLID

PARAMETER	WET WT	DRY WT	WET WT	DRY WT	WET WT	DRY WT	METHOD
	LOCATION #10		LOCATION #9		LOCATION #14		BLANK
HEXACHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
HEXACHLOROBUTADIENE	<620	<700	<620	<700	<1,200	<1,900	<330
HEXACHLOROCYCLOPENTADIENE	<620	<700	<620	<700	<1,200	<1,900	<330
HEXACHLOROETHANE	<620	<700	<620	<700	<1,200	<1,900	<330
INDENO-(1,2,3,-c,d)PYRENE	1,700	1,900	<620	<700	<1,200	<1,900	<330
ISOPHORONE	<620	<700	<620	<700	<1,200	<1,900	<330
2-METHYL-4,6-DINITROPHENOL	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
2-METHYLNAPTHALENE	<620	<700	630	800	<1,200	<1,900	<330
2-METHYLPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
4-METHYLPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
NAPHTHALENE	<620	<700	<620	<700	<1,200	<1,900	<330
2-NITROANILINE	<620	<700	<620	<700	<1,200	<1,900	<330
3-NITROANILINE	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
4-NITROANILINE	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
NITROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
2-NITROPHENOL	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
4-NITROPHENOL	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
n-NITROSODIMETHYLAMINE	<620	<700	<620	<700	<1,200	<1,900	<330
n-NITROSODI-n-PROPYLAMINE	<620	<700	<620	<700	<1,200	<1,900	<330
n-NITROSODIPHENYLAMINE	<620	<700	<620	<700	<1,200	<1,900	<330
PENTCHLOROPHENOL	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
PHENANTHRENE	3,000	3,400	690	800	15,000	23,000	<330
PHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
PYRENE	4,600	5,000	930	1,000	16,000	25,000	<330
1,2,4-TRICHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
2,4,5-TRICHLOROPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
2,4,6-TRICHLOROPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
% SURROGATE RECOVERIES:							
ACID EXTRACTABLE							
2-FLUORPHENOL (25-121)	100	--	94	--	38	--	82
PHENOL-d5 (10-94)	96	--	96	--	31	--	76
2,4,6 TRIBROMOPHENOL(19-122)	99	--	94	--	32	--	78
NITROBENZENE-d5 (23-120)	88	--	88	--	28	--	77
2-FLUOROBIPHENYL (30-115)	100	--	100	--	47	--	82
TERPHENYL-d14 (18-137)	112	--	118	--	51	--	84

Analysis performed by EPA Method 8270 Solid Waste on 12/08/94 and extracted on 12/06/94.
Results expressed in ug/kg.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CASE NARRATIVE
FOR LOZIER LABORATORY REPORT 94116329

PROBLEM TYPE:

H - HOLDING TIME	D - DILUTION
T - TUNE	I - INTERNAL STANDARDS
S - SURROGATES	M - MS/MSD/MSB
B - BLANKS	X - _____
C - CALIBRATION	Y - _____
D - DUPLICATES	Z - _____

PROBLEM	SAMPLE	ANALYST'S COMMENTS
D	1,2,3	The sample extracts were dark brown and viscous. The presence of petroleum hydrocarbons in the analysis precludes lower reporting levels.

NYSDOH LAB ID # 10390
acq

ALAN J. LAPPIN
LABORATORY DIRECTOR

ATTN: BILL HEITZENRATER

LC ?IER LABORATORIES

CHAIN OF CUSTODY RECORD

Client Name: AFI ENVIRONMENTAL

Mailing Address:

Results by FRIDAY 12/9

LABORATORY NO: 6329

Project Name: GRAYSON ST, BUFFALO N.Y. Resamples

SAMPLE IDENTIFICATION	DATE	TIME	LOCATION	SAMPLE TYPE	ANALYSIS: Semi VOA TCL	ANALYSIS: PCB/PEST.	NUMBER OF CONTAINERS	REMARK
Soil-Surface-6" #1	12-6-94	1220	Location #10	Grab Comp.	X	X	1	
Soil Surface-6" #2	"	1257	Location #9	Comp	"	"	1	
Sludge #3	"	1247	Location #14	Comp	"	"	1	

SAMPLED BY: B. Cahill
SIGN

	1	2	3	4
RELINQUISHED BY:	B Cahill SIGN 12-6-94 1445 DATE TIME	SIGN DATE TIME	SIGN DATE TIME	SIGN DATE TIME
RECEIVED BY:	SIGN DATE TIME	SIGN DATE TIME	SIGN DATE TIME	SIGN DATE TIME

METHOD OF SHIPMENT: Hand

B Cahill
SIGN

RECEIVED FOR LABORATORY BY:

SIGN

DATE 12/6/94 2:45

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : AFI ENVIRONMENTAL
6101 ROBINSON RD
LOCKPORT, NY 14094

ATTN : BILL HEITZENRATER

DATE REC'D. : 11/01/94
LABORATORY NO. : 94115635
REPORT DATE : 12/08/94

RE : WMNY, GANSON ST.
BUFFALO, NY

SAMPLE INFORMATION

SAMPLE DATE : 10/31/94
SAMPLE TIME : 3:15-4:00 PM
NUMBER OF SAMPLES : 3

LOCATION : SEE REFERENCE
TYPE OF SAMPLE : SOILS/SLUDGE
SAMPLER : CLIENT

LABORATORY REPORT

PARAMETER	S-1 WET WEIGHT	S-1 DRY WEIGHT	S-2 WET WEIGHT	S-2 DRY WEIGHT	S-3 WET WEIGHT	S-3 DRY WEIGHT	EPA METHOD	DATE ANALYZED
% SOLID (%)	86.8	--	95.4	--	64.1	--	160.3	11/04
TOTAL CYANIDE	1.25	1.44	0.87	0.91	1.53	2.39	9010	11/17
ARSENIC	30.7	35.3	5.31	5.58	2.54	3.96	7060	11/16
BARIUM	304	350	170	179	208	324	7080	11/08
CADMIUM	<2.13	<2.45	<2.23	<2.34	4.63	7.22	7130	11/07
CHROMIUM	31.8	36.6	18.6	19.5	19.9	31.0	7190	11/09
LEAD	342	393	49.1	51.6	83.8	131	7420	11/08
MERCURY	0.11	0.13	0.09	0.09	0.14	0.22	7471	11/10
SELENIUM	<0.41	<0.47	<0.44	<0.46	<0.20	<0.31	7740	11/16
SILVER	<2.07	<2.38	<2.22	<2.33	1.72	2.68	7760	11/09

Results expressed in mg/kg except where otherwise noted.

NYSDOH LAB ID # 10390
acq

ALAN J. LABIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

EPA METHOD 8240 : VOLATILE ORGANICS

PARAMETER	S-1		S-2		S-3		METHOD	INSTRUMENT
	WW	DW	WW	DW	WW	DW	BLANK	BLANK (ug/l)
CHLOROMETHANE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
VINYL CHLORIDE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
BROMOMETHANE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
CHLOROETHANE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
1,1-DICHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
CARBON DISULFIDE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
ACETONE	<125	<144	66	69	<25,000	<39,000	<50	<50
METHYLENE CHLORIDE	<12	<14	<5	<5	<2,500	<3,900	17	<5
TRANS-1,2-DICHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
CIS-1,2-DICHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,1-DICHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
2-BUTANONE	<125	<144	<50	<52	<25,000	<39,000	<50	<50
CHLOROFORM	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,1,1-TRICHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
CARBON TETRACHLORIDE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
BENZENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,2-DICHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
TRICHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,2-DICHLOROPROPANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
VINYL ACETATE	<125	<144	<50	<52	<25,000	<39,000	<50	<50
BROMODICHLOROMETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
cis-1,3-DICHLOROPROPANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
4-METHYL-2-PENTANONE	<125	<144	<50	<52	<25,000	<39,000	<50	<50
TOLUENE	<12	<14	<5	<5	40,000	62,400	<5	<5
TRANS-1,3-DICHLOROPROPENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,1,2-TRICHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
TETRACHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
2-HEXANONE	<125	<144	<50	<52	<25,000	<39,000	<50	<50
DIBROMOCHLOROMETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
CHLOROBENZENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
ETHYLBENZENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
TOTAL XYLENES	<25	<29	<10	<11	<5,000	<7,800	<10	<10
STYRENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
BROMOFORM	<25	<29	<10	<11	<5,000	<7,800	<10	<10
1,1,2,2-TETRACHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
% SURROGATE RECOVERIES:								
1,2-DCE-d4 (70-121)	93 %		88 %		102 %		102 %	88 %
TOL-d8 (81-117)	118 %		114 %		99 %		99 %	98 %
4-BFB (74-121)	82 %		85 %		93 %		92 %	94 %

CASE NARRATIVE: Sample 1 had 2 grams analyzed. The presence of petroleum hydocarbons in matrix preclude lower reporting limits. Sample 3 analyzed by Medium Level Extraction Method (4 gm/10 ml); 0.025 ml/5 ml was purged and trapped FD 500x. The presence of petroleum hydrocarbons in matrix precludes lower reporting levels.

COMMENTS: WW = Wet Weight, DW = Dry Weight, Results expressed in ug/kg.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LO. .ER LABORATORIES

CHAIN Or CUSTODY RECORD

Client Name: AFI Environmental

Mailing Address: 6103 Robinson Rd
Lockport, NY 14094

LABORATORY NO: 9411 5635

Project Name: WMNY, Gansen St, Buffalo, NY

SAMPLE IDENTIFICATION	DATE	TIME	LOCATION	SAMPLE TYPE	ANALYSIS								NUMBER OF CONTAINERS		REMARK
									RCRA Metals	TCL	% Solids	TCL Organics			
S-1	10/31/94	15:15	SS-10	Soil					✓	✓	✓	✓	2-4 oz		Hand Auger
S-2	10/31/94	15:50	SS-11	Soil					✓	✓	✓	✓	2-4 oz		Hand Auger
S-3	10/31/94	16:00	SS-14	Sludge					✓	✓	✓	✓	2-4 oz		Catch Basin

SAMPLED BY: Scott M. Cody
SIGN

RELINQUISHED BY:
1 SIGN Scott M. Cody — DATE 11/1/94 — TIME 13:56
2 SIGN — DATE — TIME
3 SIGN — DATE — TIME
4 SIGN — DATE — TIME

RECEIVED BY:
1 SIGN — DATE — TIME
2 SIGN — DATE — TIME
3 SIGN — DATE — TIME
4 SIGN — DATE — TIME

METHOD OF SHIPMENT: Client drop-off

SIGN Scott M. Cody

RECEIVED FOR LABORATORY BY:
SIGN — DATE 11/1/94 — TIME 1:54p

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : AFI ENVIRONMENTAL
6101 ROBINSON RD
LOCKPORT, NY 14094

ATTN : BILL HEITZENRATER

DATE REC'D. : 11/02/94
LABORATORY NO. : 94115684
REPORT DATE : 12/07/94

RE : WMNY, GANSON ST.
BUFFALO, NY

SAMPLE INFORMATION

SAMPLE DATE : 11/02/94
SAMPLE TIME : 11:00-2:40 PM
NUMBER OF SAMPLES : 8

LOCATION : SEE REFERENCE
TYPE OF SAMPLE : GROUNDWATER
SAMPLER : CLIENT

LABORATORY REPORT

PARAMETER	S-1 M-1	S-2 M-2	S-3 M-3	S-4 M-4	S-5 M-5	UNITS	EPA METHOD	DATE ANALYZED
TOTAL CYANIDE	<0.005	<0.005	<0.005	<0.005	<0.005	mg/l	9010	11/03
ALUMINUM	7.92	4.79	10.5	2.29	9.24	mg/l	202.2	11/18
ANTIMONY	<0.001	<0.001	<0.001	<0.001	<0.001	mg/l	7041	11/12
ARSENIC	0.01	<0.01	<0.01	<0.01	0.02	mg/l	7060	11/16
BARIUM	<0.20	<0.20	0.25	0.42	0.82	mg/l	208.2	11/16
BERYLLIUM	<0.001	<0.001	<0.001	<0.001	<0.001	mg/l	7091	11/15
CADMIUM	<0.002	<0.002	<0.002	<0.002	<0.002	mg/l	7131	11/17
CALCIUM	62.2	61.6	84.6	114	193	mg/l	7140	11/04
CHROMIUM	0.04	0.07	0.05	0.05	0.07	mg/l	7190	11/22
COBALT	0.006	<0.005	0.008	<0.005	0.014	mg/l	7201	11/18
COPPER	0.042	0.113	0.052	<0.025	0.076	mg/l	7210	11/09
IRON	9.83	38.1	18.9	6.78	23.7	mg/l	7380	11/22
LEAD	0.010	<0.005	0.017	<0.005	0.019	mg/l	7421	11/15
MAGNESIUM	22.0	23.6	71.0	105	122	mg/l	7450	11/04
MANGANESE	3.60	2.80	1.04	4.97	4.38	mg/l	7460	11/16
MERCURY	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	mg/l	7470	11/10
NICKEL	0.06	0.09	0.08	0.06	0.11	mg/l	7520	11/09
POTASSIUM	5.1	10.0	4.9	4.3	19.0	mg/l	7610	11/04
SELENIUM	<0.005	<0.005	<0.005	<0.005	<0.005	mg/l	7740	11/16
SILVER	<0.01	<0.01	<0.01	<0.01	<0.01	mg/l	7760	11/09
SODIUM	110	172	39.2	151	689	mg/l	7770	11/04
THALLIUM	<0.004	<0.004	<0.004	<0.004	<0.004	mg/l	7841	11/15
VANADIUM	0.02	<0.01	<0.01	<0.01	0.03	mg/l	7911	11/17
ZINC	0.12	0.25	0.15	0.10	0.19	mg/l	7950	11/07

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94115684

EPA METHOD 8240 : VOLATILE ORGANICS

PARAMETER	MW-1	MW-2	MW-3	MW-4	MW-5	UNITS
CHLOROMETHANE	<10	<10	<10	<10	<10	ug/l
VINYL CHLORIDE	<10	<10	<10	<10	<10	ug/l
BROMOMETHANE	<10	<10	<10	<10	<10	ug/l
CHLOROETHANE	<10	<10	<10	<10	<10	ug/l
1,1-DICHLOROETHENE	<5	<5	<5	<5	<5	ug/l
CARBON DISULFIDE	<10	<10	<10	<10	<10	ug/l
ACETONE	<50	<50	<50	<50	87	ug/l
METHYLENE CHLORIDE	<5	<5	<5	<5	<5	ug/l
TRANS-1,2-DICHLOROETHENE	<5	<5	<5	<5	<5	ug/l
CIS-1,2-DICHLOROETHENE	<5	<5	<5	<5	<5	ug/l
1,1-DICHLOROETHANE	<5	<5	<5	<5	<5	ug/l
2-BUTANONE	<50	<50	<50	<50	<50	ug/l
CHLOROFORM	<5	<5	<5	<5	<5	ug/l
1,1,1-TRICHLOROETHANE	<5	<5	<5	<5	<5	ug/l
CARBON TETRACHLORIDE	<5	<5	<5	<5	<5	ug/l
BENZENE	<5	<5	<5	<5	<5	ug/l
1,2-DICHLOROETHANE	<5	<5	<5	<5	<5	ug/l
TRICHLOROETHENE	<5	<5	<5	<5	<5	ug/l
1,2-DICHLOROPROPANE	<5	<5	<5	<5	<5	ug/l
VINYL ACETATE	<50	<50	<50	<50	<50	ug/l
BROMODICHLOROMETHANE	<5	<5	<5	<5	<5	ug/l
cis-1,3-DICHLOROPROPANE	<5	<5	<5	<5	<5	ug/l
4-METHYL-2-PENTANONE	<50	<50	<50	<50	<50	ug/l
TOLUENE	<5	<5	<5	<5	<5	ug/l
TRANS-1,3-DICHLOROPROPENE	<5	<5	<5	<5	<5	ug/l
1,1,2-TRICHLOROETHANE	<5	<5	<5	<5	<5	ug/l
TETRACHLOROETHENE	<5	<5	<5	<5	<5	ug/l
2-HEXANONE	<50	<50	<50	<50	<50	ug/l
DIBROMOCHLOROMETHANE	<5	<5	<5	<5	<5	ug/l
CHLOROBENZENE	<5	<5	<5	<5	<5	ug/l
ETHYLBENZENE	<5	<5	<5	<5	<5	ug/l
TOTAL XYLENES	<10	<10	<10	<10	<10	ug/l
STYRENE	<5	<5	<5	<5	<5	ug/l
BROMOFORM	<10	<10	<10	<10	<10	ug/l
1,1,2,2-TETRACHLOROETHANE	<5	<5	<5	<5	<5	ug/l
% SURROGATE RECOVERIES:						
1,2-DCE-d4 (76-114)	96	93	96	96	97	%
TOL-d8 (88-110)	101	101	101	102	102	%
4-BFB (86-115)	100	99	98	99	98	%

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94115684

EPA METHOD 8240 : VOLATILE ORGANICS

PARAMETER	FIELD BLANK	TRIP BLANK	DI BLANK	INSTRUMENT BLANK	UNITS
CHLOROMETHANE	<10	<10	<10	<10	ug/l
VINYL CHLORIDE	<10	<10	<10	<10	ug/l
BROMOMETHANE	<10	<10	<10	<10	ug/l
CHLOROETHANE	<10	<10	<10	<10	ug/l
1,1-DICHLOROETHENE	<5	<5	<5	<5	ug/l
CARBON DISULFIDE	<10	<10	<10	<10	ug/l
ACETONE	<50	<50	<50	<10	ug/l
METHYLENE CHLORIDE	<5	<5	<5	<5	ug/l
TRANS-1,2-DICHLOROETHENE	<5	<5	<5	<5	ug/l
CIS-1,2-DICHLOROETHENE	<5	<5	<5	<5	ug/l
1,1-DICHLOROETHANE	<5	<5	<5	<5	ug/l
2-BUTANONE	<50	<50	<50	<50	ug/l
CHLOROFORM	7.5	<5	6.5	<5	ug/l
1,1,1-TRICHLOROETHANE	<5	<5	<5	<5	ug/l
CARBON TETRACHLORIDE	<5	<5	<5	<5	ug/l
BENZENE	<5	<5	<5	<5	ug/l
1,2-DICHLOROETHANE	<5	<5	<5	<5	ug/l
TRICHLOROETHENE	<5	<5	<5	<5	ug/l
1,2-DICHLOROPROPANE	<5	<5	<5	<5	ug/l
VINYL ACETATE	<50	<50	<50	<50	ug/l
BROMODICHLOROMETHANE	<5	<5	<5	<5	ug/l
cis-1,3-DICHLOROPROPANE	<5	<5	<5	<5	ug/l
4-METHYL-2-PENTANONE	<50	<50	<50	<50	ug/l
TOLUENE	<5	<5	<5	<5	ug/l
TRANS-1,3-DICHLOROPROPENE	<5	<5	<5	<5	ug/l
1,1,2-TRICHLOROETHANE	<5	<5	<5	<5	ug/l
TETRACHLOROETHENE	<5	<5	<5	<5	ug/l
2-HEXANONE	<50	<50	<50	<50	ug/l
DIBROMOCHLOROMETHANE	<5	<5	<5	<5	ug/l
CHLOROBENZENE	<5	<5	<5	<5	ug/l
ETHYLBENZENE	<5	<5	<5	<5	ug/l
TOTAL XYLENES	<10	<10	<10	<10	ug/l
STYRENE	<5	<5	<5	<5	ug/l
BROMOFORM	<10	<10	<10	<10	ug/l
1,1,2,2-TETRACHLOROETHANE	<5	<5	<5	<5	ug/l
% SURROGATE RECOVERIES:					
1,2-DCE-d4 (76-114)	98	96	96	94	%
TOL-d8 (88-110)	102	101	102	100	%
4-BFB (86-115)	99	98	99	99	%

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFAN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94115684

8270-AQUEOUS AE/BN

PARAMETER	MW-1	MW-2	MW-3	MW-4	MW-5	UNITS
ACENAPHTHENE	<5	<5	<5	<5	<5	ug/l
ACENAPTHYLENE	<5	<5	<5	<5	<5	ug/l
ANTHRACENE	<5	<5	<5	<5	<5	ug/l
BENZIDINE	<50	<50	<50	<50	<50	ug/l
BENZO(a)ANTHRACENE	<5	<5	<5	<5	<5	ug/l
BENZO(a)PYRENE	<5	<5	<5	<5	<5	ug/l
BENZO(b)FLUORANTHENE	<5	<5	<5	<5	<5	ug/l
BENZO(ghi)PERYLENE	<5	<5	<5	<5	<5	ug/l
BENZO(k)FLUORANTHENE	<5	<5	<5	<5	<5	ug/l
BENZOIC ACID	<20	<20	<20	<20	<20	ug/l
BENZYL ALCOHOL	<10	<10	<10	<10	<10	ug/l
BENYL BUTYL PHTHALATE	<5	<5	<5	<5	<5	ug/l
BIS(2-CHLOROETHOXY)METHANE	<5	<5	<5	<5	<5	ug/l
BIS(2-CHLOROETHYL)ETHER	<5	<5	<5	<5	<5	ug/l
BIS(2-CHLOROISOPROPYL)ETHER	<5	<5	<5	<5	<5	ug/l
BIS(2-ETHYLHEXYL)PHTHALATE	<5	<5	<5	<5	<5	ug/l
4-BROMOPHENYLPHENYL ETHER	<5	<5	<5	<5	<5	ug/l
4-CHLORO-3-METHYLPHENOL	<5	<5	<5	<5	<5	ug/l
4-CHLOROANILINE	<5	<5	<5	<5	<5	ug/l
2-CHLORONAPHTHALENE	<5	<5	<5	<5	<5	ug/l
2-CHLOROPHENOL	<5	<5	<5	<5	<5	ug/l
4-CHLOROPHENYL PHENYL ETHER	<5	<5	<5	<5	<5	ug/l
CHRYSENE	<5	<5	<5	<5	<5	ug/l
DIBENZO(a,h)ANTHRACNE	<5	<5	<5	<5	<5	ug/l
DIBENZOFURAN	<5	<5	<5	<5	<5	ug/l
1,2-DICHLOROBENZENE	<5	<5	<5	<5	<5	ug/l
1,3-DICHLOROBENZENE	<5	<5	<5	<5	<5	ug/l
1,4-DICHLOROBENZENE	<5	<5	<5	<5	<5	ug/l
3,3'-DICHLOROBENZIDINE	<5	<5	<5	<5	<5	ug/l
DIETHYL PHTHALATE	<5	<5	<5	<5	<5	ug/l
2,4-DICHLOROPHENOL	<5	<5	<5	<5	<5	ug/l
DIMETHYL PHTHALATE	<5	<5	<5	<5	<5	ug/l
DI-N-BUTYL PHTHALATE	<5	<5	<5	<5	<5	ug/l
DI-N-OCTYL PHTHALATE	<5	<5	<5	<5	<5	ug/l
2,4-DINITROTOLUENE	<5	<5	<5	<5	<5	ug/l
2,6-DINITROTOLUENE	<5	<5	<5	<5	<5	ug/l
FLUORANTHENE	<5	<5	<5	<5	<5	ug/l
FLOURENE	<5	<5	<5	<5	<5	ug/l

Analysis performed by EPA Method 8270 Aqueous AE/BN on 11/17/94 and extracted on 11/04/94.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94115684

8270-AQUEOUS AE/BN

PARAMETER	MW-1	MW-2	MW-3	MW-4	MW-5	UNITS
HEXACHLOROBENZENE	<5	<5	<5	<5	<5	ug/l
HEXACHLOROBUTADIENE	<5	<5	<5	<5	<5	ug/l
HEXACHLOROCYCLOPENTADIENE	<20	<20	<20	<20	<20	ug/l
HEXACHLOROETHANE	<5	<5	<5	<5	<5	ug/l
INDENO-(1,2,3,-c,d)PYRENE	<5	<5	<5	<5	<5	ug/l
ISOPHORONE	<5	<5	<5	<5	<5	ug/l
2-METHYL-4,6-DINITROPHENOL	<20	<20	<20	<20	<20	ug/l
2-METHYLNAPTHALENE	<5	<5	<5	<5	<5	ug/l
2-METHYLPHENOL	<5	<5	<5	<5	<5	ug/l
4-METHYLPHENOL	<5	<5	<5	<5	<5	ug/l
NAPHTHALENE	<5	<5	<5	<5	<5	ug/l
2-NITROANILINE	<5	<5	<5	<5	<5	ug/l
3-NITROANILINE	<20	<20	<20	<20	<20	ug/l
4-NITROANILINE	<20	<20	<20	<20	<20	ug/l
NITROBENZENE	<5	<5	<5	<5	<5	ug/l
2-NITROPHENOL	<20	<20	<20	<20	<20	ug/l
4-NITROPHENOL	<50	<50	<50	<50	<50	ug/l
n-NITROSODIMETHYLAMINE	<5	<5	<5	<5	<5	ug/l
n-NITROSODI-n-PROPYLAMINE	<5	<5	<5	<5	<5	ug/l
n-NITROSODIPHENYLAMINE	<5	<5	<5	<5	<5	ug/l
PENTCHLOROPHENOL	<20	<20	<20	<20	<20	ug/l
PHENANTHRENE	<5	<5	<5	<5	<5	ug/l
PHENOL	<5	<5	<5	<5	<5	ug/l
PYRENE	<5	<5	<5	<5	<5	ug/l
1,2,4-TRICHLOROBENZENE	<5	<5	<5	<5	<5	ug/l
2,4,5-TRICHLOROPHENOL	<5	<5	<5	<5	<5	ug/l
2,4,6-TRICHLOROPHENOL	<5	<5	<5	<5	<5	ug/l
% SURROGATE RECOVERIES:						
ACID EXTRACTABLE						
2-FLUORPHENOL (21-100)	22	32	1.9*	--*	7.6*	%
PHENOL-d5 (10-94)	16	24	1.0*	--*	2.1*	%
2,4,6 TRIBROMOPHENOL(10-123)	2.1*	24	54	8.9*	56	%
NITROBENZENE-d5 (35-114)	73	87	72	79	75	%
2-FLUOROBIPHENYL (21-100)	78	91	73	80	76	%
TERPHENYL-d14 (33-141)	74	77	68	79	69	%

*Low acid surrogate recovery possibly due to matrix interference.

Analysis performed by EPA Method 8270 Aqueous AE/BN on 11/17/94 and extracted on 11/04/94.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94115684

8270-AQUEOUS AE/BN

PARAMETER	FIELD BLANK	METHOD BLANK	DI BLANK	UNITS
ACENAPHTHENE	<5	<5	<5	ug/l
ACENAPTHYLENE	<5	<5	<5	ug/l
ANTHRACENE	<5	<5	<5	ug/l
BENZIDINE	<50	<50	<50	ug/l
BENZO(a)ANTHRACENE	<5	<5	<5	ug/l
BENZO(a)PYRENE	<5	<5	<5	ug/l
BENZO(b)FLUORANTHENE	<5	<5	<5	ug/l
BENZO(ghi)PERYLENE	<5	<5	<5	ug/l
BENZO(k)FLUORANTHENE	<5	<5	<5	ug/l
BENZOIC ACID	<20	<20	<20	ug/l
BENZYL ALCOHOL	<10	<10	<10	ug/l
BENYL BUTYL PHTHALATE	<5	<5	<5	ug/l
BIS(2-CHLOROETHOXY)METHANE	<5	<5	<5	ug/l
BIS(2-CHLOROETHYL)ETHER	<5	<5	<5	ug/l
BIS(2-CHLOROISOPROPYL)ETHER	<5	<5	<5	ug/l
BIS(2-ETHYLHEXYL)PHTHALATE	<5	<5	8.6	ug/l
4-BROMOPHENYLPHENYL ETHER	<5	<5	<5	ug/l
4-CHLORO-3-METHYLPHENOL	<5	<5	<5	ug/l
4-CHLOROANILINE	<5	<5	<5	ug/l
2-CHLORONAPHTHALENE	<5	<5	<5	ug/l
2-CHLOROPHENOL	<5	<5	<5	ug/l
4-CHLOROPHENYL PHENYL ETHER	<5	<5	<5	ug/l
CHRYSENE	<5	<5	<5	ug/l
DIBENZO(a,h)ANTHRACNE	<5	<5	<5	ug/l
DIBENZOFURAN	<5	<5	<5	ug/l
1,2-DICHLOROBENZENE	<5	<5	<5	ug/l
1,3-DICHLOROBENZENE	<5	<5	<5	ug/l
1,4-DICHLOROBENZENE	<5	<5	<5	ug/l
3,3'-DICHLOROBENZIDINE	<5	<5	<5	ug/l
DIETHYL PHTHALATE	<5	<5	<5	ug/l
2,4-DICHLOROPHENOL	<5	<5	<5	ug/l
DIMETHYL PHTHALATE	<5	<5	<5	ug/l
DI-N-BUTYL PHTHALATE	<5	<5	<5	ug/l
DI-N-OCTYL PHTHALATE	<5	<5	<5	ug/l
2,4-DINITROTOLUENE	<5	<5	<5	ug/l
2,6-DINITROTOLUENE	<5	<5	<5	ug/l
FLUORANTHENE	<5	<5	<5	ug/l
FLOURENE	<5	<5	<5	ug/l

Analysis performed by EPA Method 8270 Aqueous AE/BN on 11/17/94 and extracted on 11/04/94.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94115684

8270-AQUEOUS AE/BN

PARAMETER	FIELD BLANK	METHOD BLANK	DI BLANK	UNITS
HEXACHLOROBENZENE	<5	<5	<5	ug/l
HEXACHLOROBUTADIENE	<5	<5	<5	ug/l
HEXACHLOROCYCLOPENTADIENE	<20	<20	<20	ug/l
HEXACHLOROETHANE	<5	<5	<5	ug/l
INDENO-(1,2,3,-c,d)PYRENE	<5	<5	<5	ug/l
ISOPHORONE	<5	<5	<5	ug/l
2-METHYL-4,6-DINITROPHENOL	<20	<20	<20	ug/l
2-METHYLNAPTHALENE	<5	<5	<5	ug/l
2-METHYLPHENOL	<5	<5	<5	ug/l
4-METHYLPHENOL	<5	<5	<5	ug/l
NAPHTHALENE	<5	<5	<5	ug/l
2-NITROANILINE	<5	<5	<5	ug/l
3-NITROANILINE	<20	<20	<20	ug/l
4-NITROANILINE	<20	<20	<20	ug/l
NITROBENZENE	<5	<5	<5	ug/l
2-NITROPHENOL	<20	<20	<20	ug/l
4-NITROPHENOL	<50	<50	<50	ug/l
n-NITROSODIMETHYLAMINE	<5	<5	<5	ug/l
n-NITROSODI-n-PROPYLAMINE	<5	<5	<5	ug/l
n-NITROSODIPHENYLAMINE	<5	<5	<5	ug/l
PENTCHLOROPHENOL	<20	<20	<20	ug/l
PHENANTHRENE	<5	<5	<5	ug/l
PHENOL	<5	<5	<5	ug/l
PYRENE	<5	<5	<5	ug/l
1,2,4-TRICHLOROBENZENE	<5	<5	<5	ug/l
2,4,5-TRICHLOROPHENOL	<5	<5	<5	ug/l
2,4,6-TRICHLOROPHENOL	<5	<5	<5	ug/l
% SURROGATE RECOVERIES:				
ACID EXTRACTABLE				
2-FLUORPHENOL (21-100)	47	44	60	%
PHENOL-d5 (10-94)	31	28	35	%
2,4,6 TRIBROMOPHENOL (10-123)	38	60	86	%
BASE-NEUTRALS EXTRACTABLES				
NITROBENZENE-d5 (35-114)	81	64	77	%
2-FLUOROBIPHENYL (21-100)	77	67	80	%
TERPHENYL-d14 (33-141)	75	64	93	%

Analysis performed by EPA Method 8270 Aquesous AE/BN on 11/17/94 and extracted on 11/04/94.

NYSDOH LAB ID # 10390
acq

ALAN J. LAPPIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94115684

PESTICIDES

PARAMETER	MW-1	MW-2	MW-3	MW-4	MW-5	S-6	UNITS
ALPHA-ENDOSULFAN	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
BETA-ENDOSULFAN	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
ENDOSULFAN SULFATE	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
ALPHA-BHC	<0.05	<0.05	<0.05	<0.05	0.22	<0.05	ug/l
BETA-BHC	<0.05	<0.05	<0.05	<0.05	0.96	<0.05	ug/l
DELTA-BHC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
GAMMA-BHC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
ALDRIN	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
DIELDRIN	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
4,4-DDE	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
4,4-DDD	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
4,4-DDT	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
ENDRIN	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
ENDRIN ALDEHYDE	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
HEPTACHLOR	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
HEPTACHLOR EPOXIDE	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
CHLORDANE	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
TOXAPHENE	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ug/l
METHOXYCHLOR	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ug/l
PCB-1221	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
PCB 1232	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
PCB-1016	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
PCB-1242	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
PCB-1248	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
PCB-1254	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
PCB-1260	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
PCB-1262	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
PCB-1268	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
TOTAL PCB's	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
% SURROGATE RECOVERIES:	76	66	86	96	111	166*	%

Analysis performed by EPA Method 8080 Organochlorine Pesticides and PCB's on 11/29/94 and extracted on 11/03/94.

*Due to matrix pattern interference (acceptable range: 59-158%).

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZ ER
LABORATORIES

CHAIN OF CUSTODY RECORD

Client Name: AFI Environmental
Mailing Address: 6103 Robinson Rd.
Lockport, NY 14094
Project Name: WMNY - Genesee St. Buffalo

LABORATORY NO: 94115684

SAMPLE IDENTIFICATION		DATE	TIME	LOCATION	SAMPLE TYPE	ANALYSIS: 8240 (EPA)	8270 (EPA)	6010 (EPA)	TAL-CN	TAL-Metals			NUMBER OF CONTAINERS	Type of Container	REMARK
S-1	1	11/2/94	11:00	MW-1	Water	✓	✓	✓	✓	✓			6	2-wg, 2-pt plastic, 2-qt glass	
S-2	2	"	11:30	MW-2	"	✓	✓	✓	✓	✓			"	"	
S-3	3	"	12:30	MW-3	"	✓	✓	✓	✓	✓			"	"	
S-4	4	"	13:00	MW-4	"	✓	✓	✓	✓	✓			"	"	
S-5	5	"	13:25	MW-5	"	✓	✓	✓	✓	✓			"	"	
S-6	6	"	14:40	Field Blank	"	✓	✓	✓	*	*			4	2-vial, 2-qt glass	* See Note
S-8	8	"	14:40	DI Blank	"	✓	✓	*	*	*					# Inorganics on DI Blank
S-7	7	Lab (10/29/94)	—	Trip Blank	"	✓							2	2-VOA	

SAMPLED BY: Scott M. Cody (SIGN)

* Note: Used D.I. water from store (in cooler)
Contact Bob Hergenhan (AFI) for analyses due to different bottle set - both bottles are preserved at time of sampling

		2	3	4
RELINQUISHED BY:	1 Scott M. Cody (SIGN), 11/2/94 (DATE), (TIME)	SIGN, DATE, TIME	SIGN, DATE, TIME	SIGN, DATE, TIME
RECEIVED BY:	1 David Carter (SIGN), 11-2-94 (DATE), 6:45 pm (TIME)	2 SIGN, DATE, TIME	3 SIGN, DATE, TIME	4 SIGN, DATE, TIME

METHOD OF SHIPMENT: - AFI -

Scott Cody (SIGN)

RECEIVED FOR LABORATORY BY: Dave Carter (SIGN), 11-2-94 (DATE), 6:45 pm (TIME)

ELMWOOD TANK & PIPING CORP.
200 Fire Tower Drive
Tonawanda, New York 14150
716/694-0106

November 18, 1987

New York State Department
of Environmental Conservation
600 Delaware Avenue
Buffalo, New York 14202-1073

Attn: Mr. Robert N. Lacey, P.E.

Re: Removal & Disposal
of Underground Tank

Gentlemen:

Please be advised that the Elmwood Tank & Piping Corporation has been awarded the contract to clean, gas free and legally dispose of the following underground tank and its contents, as per D.E.C. Regulations, at the listed location:

LOCATION: Downing Container Service
191 Ganson Street
Buffalo, New York

SIZE: 1-4,000 Gallon Steel Tank

We are proceeding with the removal of the aforementioned underground tank on November 24, 1987 in accordance with your verbal approval of our telephone conversation of November 18, 1987.

If you require further information, please do not hesitate to contact us.

Very truly yours,

ELMWOOD TANK & PIPING CORP.

Richard E Daly

Richard E. Daly
Operations Supervisor

RED/tg

cc: Lt. Russell Knox

Post-it® Fax Note 7671	Date 5/4/95	# of pages ▶ 1
To BOB CROSSEN	From JOHN MINICHIELLO	
Co./Dept. COPY OF	Co.	
Phone # NOTIFICATION	Phone #	
Fax # LETTER	Fax #	

Phase I Environmental Site Assessment (ESA)

145 Ganson Street (aka 127 Buffalo River and 189-191 Ganson Street)
Buffalo, New York

November 2018 B0465-018-001

Prepared For:

SpotOne, LLC



Prepared By:

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

2558 Hamburg Turnpike, Suite 300, Buffalo, New York | phone: (716) 856-0635 | fax: (716) 856-0583

PHASE I ENVIRONMENTAL SITE ASSESSMENT
ASTM E1527-13

FOR
145 GANSON STREET (AKA 127 BUFFALO RIVER AND 189-191 GANSON STREET)
BUFFALO, NEW YORK

November 2018 B0465-018-001

Prepared for:

SpotOne, LLC
145 Elm Street, 5th Floor
Buffalo, New York 14203

Prepared by:

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Buffalo, New York 14218

PHASE I ENVIRONMENTAL SITE ASSESSMENT
145 GANSON STREET (AKA 127 BUFFALO RIVER AND 189-191 GANSON STREET)
BUFFALO, NEW YORK

Table of Contents

1.0 EXECUTIVE SUMMARY 1
- 1.1 General Information 1
- 1.2 Site Description 1
- 1.3 Data Gaps 2
- 1.4 Environmental Report Summary 2
  - *1.4.1 Summary of Site Reconnaissance Potential Concerns 2*
  - *1.4.2 Summary of Historic Uses 4*
  - *1.4.3 Summary of Previous Studies 5*
  - *1.4.4 Regulatory Information 6*
  - *1.4.5 Other Findings 10*
  - *1.4.6 Interviews/Questionnaires 10*
- 1.5 Report Findings 11
- 1.6 Opinion 13

2.0 INTRODUCTION 14
- 2.1 Purpose 14
- 2.2 Scope of Work 14
- 2.3 Significant Assumptions 15
- 2.4 Limitations and Exceptions 15
  - *2.4.1 Limitations 15*
  - *2.4.2 User Responsibilities 16*
  - *2.4.3 User Protections 17*
- 2.5 Deviations 17
- 2.6 Special Terms and Conditions 17
- 2.7 Reliance, Certification, and Declaration 17

3.0 SITE/VICINITY DESCRIPTION 19
- 3.1 Location and Legal Description 19
- 3.2 Activity/Use Limitations 19
- 3.3 Site and Vicinity Description 19
- 3.4 Current Use of Property 20
- 3.5 Description of Structures and Other Improvements 20
- 3.6 Adjoining Property Information 20

4.0 USER PROVIDED INFORMATION 22
- 4.1 Environmental Liens 22
- 4.2 Activity Use Limitations 22
- 4.3 Specialized knowledge or experience 22

Table of Contents

4.4 Purchase Price 22
4.5 Commonly Known or Reasonably Ascertainable Information 22
4.6 Obvious Indicators 22

5.0 RECORDS REVIEW 23
5.1 Standard Environmental Records Sources 23
5.2 Additional Environmental Record Sources 28
5.3 Physical Setting Sources 29
5.4 Historical Use 29
5.4.1 Historic Aerial Photographs 29
5.4.2 Historical Sanborn Maps 30
5.4.3 Historical City Directories 32
5.4.4 Historical Topographic Maps 33
5.4.5 Municipal Records 33
5.4.6 Site History Provided by Site Contact 36
5.4.7 Abstract of Title 37
5.4.8 Previous Assessments 37
5.4.9 Summary of Historic Uses 40
5.5 Environmental Liens 40

6.0 SITE RECONNAISSANCE 41
6.1 Methodology and Limiting Conditions 41
6.2 General Site Setting 41
6.3 Site Visit Findings 41
6.3.1 Current On-Site Operations 41
6.3.2 Storage Tanks 41
6.3.3 Hazardous or Regulated Materials 42
6.3.4 Solid, Hazardous or Regulated Wastes 42
6.3.5 Miscellaneous Debris/Stored Materials 43
6.3.6 Fill 43
6.3.7 Ground Surface Disturbances 44
6.3.8 Suspected Former Pump Islands and/or UST Fields 44
6.3.9 Staining/Spillage and Pools of Liquid 44
6.3.10 Stressed and/or Dead Vegetation 44
6.3.11 Odors 44
6.3.12 Unidentified Substance Containers 44
6.3.13 Unknown Pipe 45
6.3.14 Heating/Cooling 45
6.3.15 Wastewaters 45
6.3.16 Potable Water Supply/Wells 45
6.3.17 Drains and Sumps 45

Table of Contents

6.3.18 Air Emissions *46*
6.3.19 Pits, Ponds and Lagoons *46*
6.3.20 Septic System *46*
6.3.21 PCBs *46*
6.3.22 Previous Intrusive Work *46*
6.3.23 Adjacent Property Use *47*
6.4 Summary of Site Reconnaissance Potential Concerns 47

7.0 INTERVIEWS 49
7.1 Site Owner 49
7.2 Municipal Interview 49
7.3 Former Site Owner/Operator 49

8.0 OTHER ENVIRONMENTAL CONSIDERATIONS 50
8.1 Asbestos 50
8.2 Lead Paint, Pipes and Soldering 50
8.3 Radon 50
8.4 Wetlands and Flood Zones 50
8.5 Microbial Contamination (Mold) 51
8.6 Vapor Encroachment Conditions 51

Table of Contents

LIST OF FIGURES

Figure 1	Site Location and Vicinity Map
Figure 2	Site Plan (Aerial)

LIST OF APPENDICES

Appendix A	Environmental Database Report
Appendix B	Environmental/Government Agency Information
Appendix C	Historic Sanborn Maps
Appendix D	Historic City Directories
Appendix E	Municipal Records
Appendix F	Previous Studies
Appendix G	Site Reconnaissance Photos
Appendix H	Questionnaires

List of Acronyms

ACMs - Asbestos Containing Materials

AIRS- Aromatic Information Retrieval System

AST - Aboveground Storage Tank

ASTM - American Society for Testing and Materials

BCA- Brownfield Cleanup Agreement

BCP- Brownfield Cleanup Program

Benchmark - Benchmark Environmental Engineering & Science, PLLC

BTEX - Benzene, toluene, ethylbenzene, and xylenes

CAA – Clean Air Act

CAMP- Community Air Monitoring Plan

CBS - Chemical Bulk Storage

C/D- Construction and Demolition

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

CERCLIS - Comprehensive Environmental Response, Compensation, and Liability Information System

CESQG - Conditionally Exempt Small Quantity Generator

CFR- Code of Federal Regulation

COC- Certificate of Completion

CO2- Carbon Dioxide

CP- Commissioner Policy

CSCOs – Commercial Soil Cleanup Objectives

CVOC- Chlorinated Volatile Organic Compound

CORRACTS - Corrective Action

CPG - Certified Professional Geologist

CREC - Controlled Recognized Environmental Condition

DER- Division of Environmental Remediation

DNAPL- Dense Non-Aqueous Phase Liquid

EC- Engineering Control

ECL- Environmental Conservation Law

ECHO- Enforcement and Compliance History Information

ELAP- Environmental Laboratory Approval Program

EDR - Environmental Data Resources, Inc.

ERNS - Emergency Response & Notification System

ESA – Environmental Site Assessment

ETPH - Extractable Total Petroleum Hydrocarbons

FBGS - Feet below ground surface

FIFRA - Federal Insecticide, Fungicide, & Rodenticide Act

FINDS - Facility Index System/Facility Registry System

FOIA - Freedom of Information Act

FOIL - Freedom of Information Letter

FOP- Field Operating Procedure

NYSDOH - New York State Department of Health

NYSDOL - New York State Department of Labor

O&M- Operations and Maintenance

OM&M- Operation, Maintenance, and Monitoring

OPRA - Open Public Records Act

OSHA - Occupational Safety and Health Administration

PAH - Polycyclic aromatic hydrocarbons

PBS - Petroleum Bulk Storage

PCBs - Polychlorinated Biphenyls

pCi/L - picoCuries per Liter

PERC - Tetrachloroethylene (perchloroethylene)

PID - Photo-Ionization Detector

PPB - Parts Per Billion

PPM - Parts Per Million

PRP - Potentially Responsible Party

PRR- Periodic Review Report

PVEC - Potential Vapor Encroachment Condition

QA/QC- Quality Assurance/Quality Control

QAPP- Quality Assurance Project Plan

RAO- Remedial Action Objective

RAWP- Remedial Action Work Plan

RCRA - Resource Conservation and Recovery Act

RCRIS - Resource Conservation and Recovery Information System

REC - Recognized Environmental Condition

RI- Remedial Investigation

RI/FS- Remedial Investigation/Feasibility Study

ROD- Record of Decision

RP- Remedial Party

RRSCOs – Restricted Residential Soil Cleanup Objectives

RSCOs – Residential Soil Cleanup Objectives

RSO- Remedial System Optimization

SAC- State Assistance Contract

SACM - Suspect Asbestos Containing Material

SCG- Standards, Criteria, and Guidelines

SCO- Soil Cleanup Objective

SEMS - Superfund Enterprise Management System (FKA CERCLIS)

SHPO - State Historic Preservation Office/Officer

SHWS - State Hazardous Waste Site

SMP- Soil Management Plan

SOP- Standard Operating Procedures

SOW- Statement of Work

SPCC - Spill Prevention Control and Countermeasure

FTTS- FIFRA/TSCA Tracking System	**SPDES** - State Pollution Discharge Elimination System
FWS - Fish and Wildlife Service	**SQG** - Small Quantity Generator
GIS - Geographic Information Systems	**SSD**- Sub-slab Depressurization
HASP- Health and Safety Plan	**SVE** - Soil Vapor Extraction
HREC – Historic Recognized Environmental Condition	**SVI**- Soil Vapor Intrusion
HSWDS - Hazardous Waste Disposal Site	**SVOC** - Semi volatile Organic Compound
HVAC - Heating Ventilation and Air Conditioning	**SWF/LF** - Solid Waste Facility/Landfill
IC- Institutional Control	**SWRCY** - Registered Recycling Facility List
ICIS - Integrated Compliance Information System	**TAL**- Target Analyte List
IRM - Interim Remedial Measure	**TCL**- Target Compound List
ISCOs – Industrial Soil Cleanup Objectives	**TCE** - Trichloroethylene
LBP - Lead-Based Paint	**TCLP** - Toxicity Characteristic Leachate Procedure
LNAPL- Light Non-Aqueous Phase Liquid	**TRIS** - Toxic Chemical Release Inventory System
LQG - Large Quantity Generator	**TSCA** - Toxic Substance Control Act
LTANK - Leaking Tank	**TSDF** - Treatment, Storage and Disposal Facility
LUST - Leaking Underground Storage Tank	**TurnKey** - TurnKey Environmental Restoration, LLC
MOSF - Major Oil Storage Facility	**USCOs** – Unrestricted Soil Cleanup Objectives
MSDS - Material Safety Data Sheets	**USDA** - United States Department of Agriculture
MTBE - Methyl Tertiary Butyl Ether	**USEPA** - United States Environmental Protection Agency
NA - Not Available/Applicable	**USGS** - United States Geological Survey
NPDES - National Pollutant Discharge Elimination System	**UST** - Underground Storage Tank
NPL - National Priorities List	**VCP** - Voluntary Cleanup Program
NRCS - Natural Resource Conservation Service	**VEC** - Vapor Encroachment Condition
NYCRR- New York Codes, Rules, and Regulations	**VOC** - Volatile Organic Compound
NYSDEC - New York State Department of Environmental Conservation	

1.0 EXECUTIVE SUMMARY

The following details the findings of Benchmark Environmental Engineering & Science, PLLC (Benchmark) relative to identifying RECs for 145 Ganson Street (aka 127 Buffalo River and 189-191 Ganson Street), Buffalo, Erie County, New York (Site).

1.1 General Information

Benchmark has performed a Phase I ESA of the Site in conformance with the scope and limitations of ASTM Practice E 1527-13 and the protocols required by the Client. This section summarizes the findings of the environmental professional relative to the Site. The reader is encouraged to read the entire report.

1.2 Site Description

The Site is located in a highly developed industrial area of the City of Buffalo, New York (see Figure 1). As shown on Figure 2, two structures are present on the Site. Building 1 is a truck maintenance garage and washing station, and office. The original western portion of Building 2 is vacant and an addition to the east is a storage area for truck parts, empty drums, and old vehicles. The Site consists of three parcels totaling approximately seven-acres and is supplied with municipal sanitary sewer, electric, natural-gas and public water. Information relative to the specific parcels subject to this assessment, as provided by the City of Buffalo municipal offices, is provided below:

Parcel Address	Size (acres)	Tax ID No.	Current Owner	Current Use
127 Buffalo River	2.20	122.13-4-2	George W. Burnett, Inc.	Truck maintenance and office (Building 1)
189 Ganson Street	4.05	122.13-4-1.11		Parking lot
191 Ganson Street	0.75	122.09-2-4		Storage

1.3 Data Gaps

The following data gaps[1] were identified in completion of this inquiry.

Type of Data Gap	Details of Data Gap	Sources Consulted	Significance
Historical Information	Historical information for the Site was not available at five-year intervals.	Previous studies, city directories, aerial photographs, Sanborn maps, topographic maps and municipal information.	This data gap did not significantly limit Benchmark's ability to provide an opinion on RECs related to the Site.
Abstract of Title	The abstract of title was not available for review at the time of report preparation.	Current property owner (i.e., user of this report).	This data gap did not significantly limit Benchmark's ability to provide an opinion on RECs related to the Site.
Site Reconnaissance	Parked vehicles and stored materials/equipment hindered observations at the time of the Site reconnaissance.	Site reconnaissance	This data gap did not significantly limit Benchmark's ability to provide an opinion on RECs related to the Site.

1.4 Environmental Report Summary

1.4.1 Summary of Site Reconnaissance Potential Concerns

The following potential environmental concerns were identified at the time of the Site reconnaissance:

- Building 1 is currently used as an automotive repair operation with associated storage and use of hazardous/regulated materials.
- Automotive-related fluids including oils, brake fluid and antifreeze were noted in Building 1 in 55-gallons and containers of five-gallons or less. Additional containers of diesel exhaust fluid, synthetic lubricant, specialized lubricant, paints, hydraulic oil, transmission fluid, compressor lubricant, power steering fluid, concrete remover and cleaner, degreaser, soap, and aluminum cleaner were also noted.
- A 55-gallon drum of waste oil was observed off-Site adjacent to the northeast corner of the Site. The drum was tipped on its side; however, no concerns (staining, stressed

[1] A data gap is defined by 40 CFR 312.10 as "a lack of or inability to obtain information required by the standards and practices" of preparation of this document "despite good faith efforts by the environmental professional" or others to gather such information.

vegetations, odors, etc.) were observed proximate to the drum and within the Site property boundary.

- Hazardous/regulated wastes are generated in connection with automotive repair operations at Building 1. According to the Site contact, wastes generated on-site include used motor oils.
- Benchmark was informed by the site contact that all waste oils are burned on-Site within a waste oil burner.
- One 10,000-gallon diesel fuel AST is located north of Building 1 within secondary containment.
- Concrete ground surfaces throughout the Site were observed, particularly south and northeast of Building 2. These concrete areas are reportedly indicative of former UST fields and pump island areas. The Site contact verified these areas to be locations of previously removed USTs and pumps.
- An unknown pipe, approximately 1.5-inches in diameter, is protruding vertically from the ground surface inside the northeast corner of Building 1 and exits the exterior wall approximately four-feet above the ground. It is disconnected outside the building. The Site contact did not know the origin or use of the unknown pipe.
- A used oil AST is located within Building 1 which is used for collection of oil consumed by an overhead furnace/waste oil burner located in the maintenance area. Additionally, a moveable pan filled with oil was located proximate the tank.
- A 200-gallon AST is located within Building 1. It is labeled Super-D XA Diesel Engine Oil with Liquid Titanium SAE 15W-40.
- Trench style floor drains are located throughout Building 1 within the maintenance area and truck wash area.
- The Site contact indicated the floor drains outlet to an oil-water separator located north of Building 1 prior to discharge to the Buffalo Sewer Authority combined sewer system located on Ganson Street.
- Multiple 55-gallon drums of unknown materials are located within Building 2. The Site contact indicated these drums to be empty; however, Benchmark could not visually confirm.
- Black staining, believed to be waste oil, was observed on the ground surface within Building 2. The Site contact indicated the staining to be a result of the Site owner performing general maintenance to a personal vehicle.
- Miscellaneous stored materials including numerous truck parts and tires are stored within Building 1 and Building 2 on shelving and concrete ground surfaces. Additional miscellaneous debris is located on the north exterior of Building 1.

- Two small pile of stone fill material and one pile of miscellaneous fill material are located along the eastern portion of the Site.
- Based on the urban location of the Site and former buildings, it is possible that fill materials from unknown origins were brought to the Site.
- Numerous asphalt disturbances were observed by Benchmark in paving and stone parking areas, mostly in high traffic areas.
- Four existing monitoring wells, installed as part of previous subsurface investigations completed by others, were noted in the northern portion of the Site.
- Adjacent properties are currently utilized for industrial purposes, including manufacturing and warehousing. No concerns (staining, odors, obvious spills, etc.) were noted on-Site in connection with current adjacent operations.

1.4.2 Summary of Historic Uses

Approximate Years	Reported or Suspected Use	Owner/Occupant
At least 1889 through current	Current operations include truck maintenance, a truck washing station, office space and storage for truck parts, empty drums, and old vehicles. Historic operations included a mix of industrial, commercial, and residential uses. Sanborn maps indicate various structures and operations throughout these years including lumber sheds, iron ore yards, machine shops, tin shops, railroads, commercial buildings, and restaurants. Various railroad tracks also appeared on-Site. In addition, trucking, container, and transportation, and construction companies were on-Site. Previous studies indicate that Site was historically used as a storage yard and repair shop for Waste Management of New York's Downing Container Division garbage pickup, roll off and rental operations. Multiple residential structures were formerly present along Ganson Street. Municipal records and regulatory records indicate installation of at least 14 USTs between 1949 and 1980, and removal of at least eight USTs between 1986 and 1988. The exact locations of several USTs were not identified in historical records. The number of tanks installed versus the number of tanks removed does not correspond which is not uncommon for a Site such as this.	Current owner: George W. Burnett Inc. Past owners/occupants include J. Lloyd, Earl Roberts, American Shipbuilding Co., Buffalo Dry Dock Co., Great Lakes Transit Corp., Earl Roberts, Waste Management/Downing Container Service Inc., N&K Cartage Co. Inc., Lake Erie Transportation Co. Inc., Roy Track Inc., and Carlson Truck Service.

1.4.3 Summary of Previous Studies

A previous Phase I completed by AFI Environmental in 1993 for 189-191 Ganson Street identified RECs including petroleum staining, a former UST area with no confirmatory soil sampling, fill material, and historic industrial use.

A Limited Phase II completed by AFI in 1994 included installation of monitoring wells and soil/sediment sampling. Groundwater was reportedly measured at depths ranging between 2.88 and 8.02 fbgs. AFI indicated that elevated VOCs and SVOCs were detected in sample areas proximate to former UST and fueling/waste container locations and one sludge/sediment sample taken from a surface runoff inlet indicated elevated levels of VOCs, particularly acetone (39,000 ppb) and toluene (62,400 ppb). PCBs were also detected. According to AFI, no impacts were identified in groundwater samples collected from the Site.

A Remedial Action Plan was completed by AFI Environmental for Waste Management in 1995. The purpose of the work was to further investigate the areal extent and composition of impact constituents to identify the cost to mitigate existing soil/sediment contamination at the Waste Management facility. [Previous studies indicate that Site was historically used as a storage yard and repair shop for Waste Management of New York's Downing Container Division garbage pickup, roll off and rental operations.] Additional investigation activities included five additional soil samples from three distinct areas of concern identified by AFI as a former UST Area (Area 1), a former roll off dumpster staging area (Area 2), and the gas island/storm sewer inlet area (Area 3). Five soil samples from 6" to 18" were collected and homogenized and analyzed for TCLP VOCs and TCLP SVOCs. Laboratory analytical results revealed an exceedance of naphthalene at one location at a concentration exceeding applicable regulatory criteria. AFI recommended excavation activities on-Site.

Limited remediation activities completed by AFI in 1995 under Spill No. 9501488 involved removal of soil (identified as a 20' x 20' x 2.5' area) from a former UST area, removal of soil (identified as a 25' x 25' by 18" area) from a roll off staging area, and excavation of staining in parking lot areas near pump islands and vehicle parking areas. In addition, sediment removal and cleaning of storm drains was completed.

An October 30, 1995 letter from the NYSDEC to Waste Management indicates that the Department reviewed the analytical results from post excavation soil samples and they are not recommending further work since the results were "low levels."

In Benchmark's opinion, the previous Phase II and remediation activities completed at the Site were insufficient to fully assess/address the Site.

See Section 5.4.8 below for additional information relative to previous assessments.

1.4.4 Regulatory Information

Site Listings

Site Database Listings	Address/Name	Summary
NY LTANKS, NY UST, NY AST, NY Spills	145 Ganson Street/George W. Burnett Inc.	Four USTs and one AST are listed as being registered at 145 Ganson Street/George W. Burnett Inc. as follows: USTs Tank 001 – 4,000-gallon diesel UST installed October 1, 1973 is listed as being "closed prior to micro conversion" in March 1991. Tank 002 – 4,000-gallon diesel UST installed October 1, 1973 is listed as being "closed prior to micro conversion" in March 1991. Tank 003 – 4,000-gallon diesel UST installed October 1, 1973 is listed as being "closed prior to micro conversion" in March 1991. Tank 004 – 4,000-gallon diesel UST installed October 1, 1973 is listed as being "closed prior to micro conversion" in March 1991. AST Tank 1 – 10,000-gallon diesel AST installed August 1, 1995 is listed as being "in service" as of April 14, 2017. Benchmark can verify that this tank is currently operational and located on-Site, north of Building 1. The following spill incidents were identified for 145 Ganson Street: Spill No. 8708580, dated January 4, 1988, involved petroleum contaminated soils found during tank removal activities. Contamination was reported as "not significant" and the spill was classified as "closed" by the NYSDEC on January 4, 1988.

		Spill No. 9501905, dated May 1, 1995, involved George W. Burnett Inc. using a 6,000-gallon tanker truck, which is reportedly prohibited. The owner received a permit to install a 10,000-gallon AST and the spill was classified as "closed" by the NYSDEC on May 12, 1995. There is no indication that a release occurred.
NY RGA LF, NY SWF/LF	189-191 Ganson Street/Wargo Enterprises/Wargo Enterprises at John A. Bauer	Wargo Enterprises is listed as Recovered Government Archive Solid Waste Facilities/Landfill Site from at least 2009 through at least 2012. Wargo Enterprises is also listed as a Solid Waste Facility/Landfill Site registered as a construction and demolition debris processing facility, authorized on May 6, 2009. Wargo Enterprises at John A. Bauer is listed is the FINDS database.
NY LTANKS, NY UST, NY AST, NY Spills, RCRA NonGen/NLR, FINDS, ECHO	191 Ganson Street/George W. Burnett Inc./Railroad Crossing/Ganson St/Tractor Trailer Accident/Waste Mgmt. of NY Downing Container Sv.	Two USTs and four ASTs are listed as being registered at 191 Ganson Street/George W. Burnett Inc. as follows: <u>USTs</u> Tank 1 – 4,000-gallon gasoline UST installed October 1, 1966 is listed as being "closed prior to micro conversion" in March 1991. Tank 2 – 10,000-gallon diesel UST installed May 1, 1980 is listed as being "closed – removed" on December 1, 1996. <u>ASTs</u> Tank 3 – 500-gallon unreported material AST installed January 1, 1974 is listed as being "converted to non-regulated use." A tank closed date is listed as December 1, 1991. Tank 4 – 275-gallon kerosene (#1 fuel oil) AST installed January 1, 1974 is listed as being "closed – removed" on January 1, 1995. Tank 5 – 275-gallon unreported material AST installed on January 1, 1974 is listed as being "closed – removed" on January 1, 1995. Tank 6 – 275-gallon unreported material AST installed January 1, 1974 is listed as being "closed –

		removed" on January 1, 1995. The following spill incidents were identified for 191 Ganson Street: Spill 9501488, dated May 1, 1995, involved unknown petroleum contamination at George W. Burnett Inc. found during a Phase I and Phase II investigation. The spill was classified as "inactive" by the NYSDEC on October 26, 1995. Spill No. 9611387, dated December 16, 1996, involved approximately 20-tons of diesel fuel contaminated soils found at George W. Burnett Inc. around a fill port during removal of a 10,000-gallon diesel fuel UST. Water samples and sidewall/bottom excavation soil samples were collected and analyzed. The spill was classified as "closed" by the NYSDEC on June 20, 1997. Benchmark suspects that this spill is associated with registered Tank 2 as dates and contents reported are consistent. Spills No. 1505539 and 1505541, dated August 23, 2015, involved the release of 8-gallons of diesel fuel due to a broke down tractor trailer near railroad tracks and onto the street. It was reported no fuel reached soils or waterways. Spill No. 1505539 was classified as "closed" by the NYSDEC on February 2, 2016 and Spill No. 1505541 was "closed" on August 24, 2015. Waste Management of NY Downing Container Services is listed as a RCRA non-generator of hazardous wastes with no reported violations. This property was historically listed as a large quantity generator of hazardous wastes including, but not limited to, ignitable wastes. Waste Management of NY Downing Container Services is also listed in the FINDS and ECHO databases.

Adjacent Property Listings

Adjacent Database Listings	Address/Name	Summary
NY Spills, NY SPDES, SEMS, RCRA CESQG, US AIRS, FINDS, ECHO, NJ/NY/PA	250 Ganson Street/ADM Milling Co./Industrial Site/250 Ganson Street to Pavement/Roadway/Pillsbury	Numerous NYSDEC registered Spills are associated with 250 Ganson Street. All spills are classified as "inactive" or "closed" by the NYSDEC.

Manifest	Co./Train Tracks 250-259 Ganson Street/ADM Plant	SPDES permit no. NYR00E008 is associated with ADM Milling Co. to discharge to Lake Erie. ADM Milling Co. is listed in the Superfund Enterprise Management System. ADM Milling Co. is also listed as a RCRA conditionally exempt small quantity generator of hazardous wastes with no reported violations. Historic generator at this property include The Pillsbury Co. Hazardous wastes include, but are not limited to PCBs. 250 Ganson Street is also regulated by the US AIRS database as part of the US EPA Risk Management Plan for companies that handle, manufacture, use, or store flammable or toxic substances. The property is also listed in the FINDS and ECHO databases. NJ, NY report off-site disposal by ADM Milling Co. of hazardous wastes including, but no limited to, ignitable wastes, cadmium, chromium, lead. PA Manifests report off-site disposal by The Pillsbury Co. of hazardous wastes including, but not limited to, ignitable wastes.
NY Spills	95 Ganson Street/Construction Site	Spill No. 1800067, dated April 3, 2018, involved two-gallons of hydraulic oil to gravel surface. The spill was cleaned and classified as "closed" by the NYSDEC on April 4, 2018.
NY Spills, Abandoned Mines, RCRA-LQG, FINDS, ECHO, NY UST, NY Manifest	201 Ganson Street/Buffalo Industrial Diving/Metso (Nordberg) No. SN20360448/USEPA Buffalo River Dredging Notification of PCB Activity	Spill No. 1075467, dated December 31, 2001, involved 50-gallons of diesel fuel released to the Buffalo River from a docked boat. The spill was classified as "closed" by the NYSDEC on January 12, 2002. Spill No. 0175122, dated May 31, 2001, involved petroleum contamination environmental investigations. Monitoring wells installed during the investigation were test on April 17, 2003 and continued to show slight exceedances of groundwater standards. Therefore, the property was classified as "inactive" by the NYSDEC on April 17, 2003. Metso (Nordberg) No. SN20360448 is listed as an abandoned surface mine as of April 17, 2012. USEPA Buffalo River Dredging Notification of PCB Activity is listed as a RCRA large quantity generator

		of hazardous wastes with no reported violations. Historic generators for the property include Cowper Siegfried Construction. Hazardous wastes include, but are not limited to, ignitable wastes, spent non-halogenated solvents, and spent halogenated solvents. This property is also listed in the FINDS and ECHO database. NY Manifest database indicates off-site disposal of 16,738 kg of PCB wastes transported in dump trucks to a landfill. Two USTs are listed as being registered at 201 Ganson Street/Cowper Siegfried Co., Inc. as follows: Tank 001 – 8,000-gallon diesel UST installed August 1, 1973 is listed as "closed – removed" on May 1, 1989. Tank 002 – 4,000-gallon gasoline UST installed August 1, 1973 is listed as being "closed – removed" on May 1, 1989.

1.4.5 Other Findings

The historic industrial use of the Site along with numerous documented USTs represent a potential VEC.

1.4.6 Interviews/Questionnaires

The current president of G.W. Burnett, Inc., Eric Bauer, completed Benchmark's Environmental Questionnaire and identified the Site as having a history of trucking and maintenance. Mr. Bauer also identified the Site as having a history of lime storage for a nearby concrete manufacturer.

The City of Buffalo Building Inspector would not provide Benchmark with an interview regarding the Site. However, Captain Ron Barret of the Fire Prevention Department and Assessor Mr. Dean Martz were interviewed. Both individuals did not have knowledge of environmental concerns associated with the Site.

1.5 Report Findings

Where applicable for the Site, the following is a list of RECs, CRECs, HRECs, and de minimis conditions. Non-scope considerations are also provided.

RECs

Per ASTM E1527, a REC is the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

Benchmark's investigation revealed the following RECs in connection with the Site:

- The long history of commercial and industrial operations (i.e., machine shops, tin shops, iron ore yards, railroads, shipbuilding companies, trucking companies with repair, and construction companies) with numerous USTs and various regulatory listings. In addition, the Site was historically used as a storage yard and repair shop for Waste Management of New York's Downing Container Division garbage pickup, roll off and rental operations.
- Concrete reportedly associated with former USTs/pump island areas were observed by Benchmark during the site visit as was black staining.
- The oil/water separator is considered a REC as the integrity of the oil/water separator is unknown.
- The unknown pipe identified protruding from the ground in the northeastern corner of Building 1 is considered a REC as the exact nature of the pipe is unknown and could not be verified by the Site contact.
- The numerous 55-gallon drums/barrels located in Building 2 are considered RECs as Benchmark could not verify the contents of the drums/barrels.
- It is possible that impacted fill material from unknown sources was brought to the property to use as backfill across the Site including a former boat slip area and former structure areas.

Controlled RECs

Per ASTM E1527, a CREC is a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the

applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

Benchmark's ESA did not reveal CRECs for the Site.

Historic RECs

Per ASTM E1527, a HREC is a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). For example, a spill that has been remediated to the satisfaction of the appropriate regulators would be considered a HREC.

Benchmark's investigation revealed the following HRECs for the Site:

- The "closed" and "inactive" spill incidents identified for the Site are considered HRECs as such have been addressed to the satisfaction of the NYSDEC. However, should the NYSDEC decide to reopen a spill incident or if environmental impacts are encountered during future site work, such would be considered a REC.

De-minimis Conditions

In accordance with ASTM E-1527, de-minimis conditions are conditions that generally do not present a threat to human health or the environment and generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de-minimis conditions are neither RECs nor CRECs.

Benchmark's investigation revealed the following de-minimis conditions for the Site:

- The miscellaneous stored materials (used tires, etc.) noted at the Site are considered de-minimis conditions as no obvious concerns (staining, odors, etc.) were noted proximate to the materials.

Non-Scope Considerations

Per ASTM E1527-13, non-scope considerations are described as ancillary observations during performance of the on-site investigation. Non-scope considerations are not considered RECs under ASTM E1527, but may represent health or environmental issues impacting the Site and/or property value.

Benchmark's investigation identified the following non-scope considerations:

- Based on the ages of the existing buildings, the potential for suspect ACMs and lead exists. Asbestos and/or lead, if present, should be properly handled as part of future renovation/demolition activities.
- No visual evidence of mold was noted at the time of the Site reconnaissance.
- 100-year and 500-year flood zones were identified for the southern portion of the Site.
- Research in the area of the Site completed by the New York State Department of Health - Bureau of Environmental Radiation Protection (Radon) suggests an average basement radon concentration of 1.14 pCi/L in the area of the Site, which is below the USEPA action level of 4.0 pCi/L. As such, radon is not anticipated to be a concern.

1.6 Opinion

In Benchmark's opinion, the previous Phase II and remediation activities completed at the Site by others were insufficient to fully assess/address the Site. As such, due to the RECs identified above, Benchmark recommends completion of a supplemental Phase II Environmental Investigation to assess subsurface soil and groundwater conditions at the Site.

2.0 INTRODUCTION

2.1 Purpose

The primary purpose of this assessment was to provide SpotOne, LLC with sufficient information about the potential environmental risks associated with the Site.

A secondary purpose of this study was to document the inquiry of the environmental professional for all appropriate inquiries for the Site. Specifically, this document is intended to provide the "all appropriate inquiries" for the purposes of CERCLA Section 101(35)(B). Such is applicable to persons seeking to qualify for: (i) the innocent landowner defense pursuant to CERCLA Sections 101(35) and 107(b)(3); (ii) the bona fide prospective purchaser liability protection pursuant to CERCLA Sections 101(40) and 107(r); and (iii) the contiguous property owner liability protection pursuant to CERCLA Section 107(q). This report was not intended as part of the Site characterization and assessment with use of a grant awarded under CERCLA Section 104(k)(2)(B). More specifically, the scope is intended to identify conditions indicative of releases or threatened releases of hazardous substances in, on, or at the Site.

2.2 Scope of Work

The scope of work is intended to identify RECs at the Site, including the following tasks:

A) Review of information provided by the User of this Report regarding commonly known or reasonably available information about the Site.
B) Interviews with past and present owners, operators and occupants (if available).
C) Review of historical sources of information documenting the Site's use.
D) Review of Federal, State, tribal and local government records.
E) A visual inspection of the Site and adjoining properties (to the extent possible).
F) Preparation of this written report.

2.3 Significant Assumptions

No significant assumptions were made during completion of this study other than as identified Section 2.4.

2.4 Limitations and Exceptions

2.4.1 Limitations

To the extent of our knowledge, the information contained in this Report is true and accurate. Benchmark personnel have exercised due diligence in the compilation of the information contained herein appropriate to environmental professionals engaged in investigations of this nature. Benchmark makes no guarantees regarding the accuracy of information gained from other sources.

This Phase I ESA is based on current and historical information reviewed by Benchmark and their Site inspection. This Report is not to be considered an environmental audit of the Site or a complete environmental investigation of the Site. Further, the purpose of this assessment is not to proclaim a property is devoid of environmental impact but rather to identify RECs, as defined above.

This Phase I ESA makes no warranties nor implies any liability regarding:

1. Site specific practices and/or disposal methods of the past or future owners.
2. Adjacent property owners, their environmental practices and/or impact of such properties and practices on the subject property other than observed from the subject property.
3. Unreported spills.
4. Practices, waste disposal, environmental concerns and/or modifications to waste site indexes after the date on this Report.
5. Site groundwater or soil conditions.
6. Accuracy or completeness of information supplied to Benchmark by others.
7. Environmental conditions in areas not practically or safely accessible.
8. Accuracy of previous studies (if any) provided to Benchmark.

This Report is also subject to any and all limitations defined within ASTM E1527-13. This includes, but is not limited to, the limitation that this Report is intended to identify environmental conditions at a specific time and is only valid for a period of six months from the date of issuance.

The principles defined within ASTM E1527-13, and followed within this study, include the following.

- This practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with a property.
- All appropriate inquiry does not mean an exhaustive assessment of a clean property. One of the purposes of this practice is to identify a balance between limiting costs/time and the reduction of uncertainty about unknown conditions.
- The level of inquiry is variable and depends on the type of property, risk level of the user and information developed in the course of the inquiry.
- Subsequent environmental assessments should not be used as standards to evaluate the appropriateness of prior inquiries based on hindsight, new information or new techniques.

2.4.2 User Responsibilities

The following information is the responsibility of the user and not of the environmental professional. This information may be provided by the user to the environmental professional for use in the final opinion of the all appropriate inquiry. If the information is not provided by the user, the environmental professional's ability to render such an opinion may be hindered and identified as a data gap.

- Searches for environmental cleanup liens against the subject property that are filed or recorded under any Federal, State, tribal, or local law, as required by 40 CFR Section 312.25.
- Assessments of any specialized knowledge or experience on the part of the landowner, as required by 40 CFR Section 312.28.
- An assessment of the relationship of the purchase price to the fair market value of the subject property, if the property was not contaminated, as required by 40 CFR Section 312.29.
- An assessment of commonly known or reasonably ascertainable information about the subject property, as required by 40 CFR Section 312.30.

2.4.3 User Protections

Persons claiming the liability protections under CERCLA must meet the statutory requirements of one of the following landowner liability protections. [It should be noted that the user must also satisfy certain continuing obligations outside the scope of this Phase I Environmental Assessment, as required by CERCLA].

- The innocent landowner defense pursuant to CERCLA Sections 101(35) and 107(b)(3).
- The bona fide prospective purchaser liability protection pursuant to CERCLA Sections 101(40) and 107(r).
- The contiguous property owner liability protection pursuant to CERCLA Section 107(q).

2.5 Deviations

There were no deviations from the ASTM 1527-13 standard during the completion of this study except that a regulatory file review was not completed. Specifically, while a NYSDEC file review would typically be required under the ASTM standard for Site and adjacent property regulatory listings, such was not completed by Benchmark as: regulatory listings were not identified; completion of the file review was not anticipated to provide new or significant information; or records were not considered reasonably ascertainable in the timeframe of the report deliverable.

2.6 Special Terms and Conditions

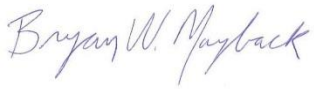
The work was completed in accordance with Benchmark's proposal and associated terms and conditions dated October 9, 2018.

2.7 Reliance, Certification, and Declaration

This report was prepared for the exclusive use of SpotOne, LLC their respective affiliates and subsidiaries, and all successors and assigns thereof. Any other use, or using this Report in a fashion in which it was not intended, is at the sole risk of the user. Reliance may only be granted upon written consent and is subject to those same terms and conditions as expressed in the proposal.

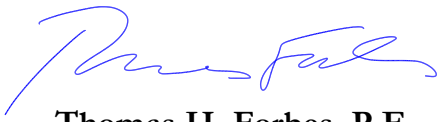
We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in 40 CFR 312.10. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history and setting of the Site. We have developed and performed the all-appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared by:



Bryan Mayback
Senior Project Scientist

Reviewed by:



Thomas H. Forbes, P.E.
Principal Engineer

3.0 SITE/VICINITY DESCRIPTION

3.1 Location and Legal Description

The Site is located in the City of Buffalo, New York and consists of three individual tax parcels legally described as the following Parcel Nos.:

- 127 Buffalo River SBL No. 122.13-4-2
- 189 Ganson Street SBL No. 122.13-4-1.11
- 191 Ganson Street SBL No. 122.09-2-4

3.2 Activity/Use Limitations

Benchmark is not aware of any institutional controls or activity/use limitations imposed against the referenced Site.

3.3 Site and Vicinity Description

The Site is located in a highly developed industrial area of the City of Buffalo, New York (see Figure 1). As shown on Figure 2, two structures are present on the Site. Building 1 is a truck maintenance garage, truck washing station, and office. The original western portion of Building 2 is vacant and an addition to the east is a storage area for truck parts, empty drums, and old vehicles. The Site consists of three parcels totaling approximately seven-acres and is supplied with municipal sanitary sewer, electric, natural-gas and public water. The Site is further described in the table below:

General Site Information	
Site Addresses	127 Buffalo River, 189 Ganson Street, 191 Ganson Street
Municipality, County, State	Buffalo, Erie County, New York
Current Site Use	Truck maintenance and parking, office, and storage
Fronting Streets	Ganson Street
Site Size	Approx. seven-acres (per municipal information)
Site Topography	Generally, level at grade
General Site Elevation (feet above mean sea level)	570
Nearest Water Body	Buffalo River located adjacent to the east of the Site
Improvements	Asphalt paved areas

3.4 Current Use of Property

The Site, as further described below, is currently used for truck maintenance and parking, office, and storage purposes.

Parcel ID*	Number	Street	Tax ID No.	Current Owner	Current Use
Parcel 1	127	Buffalo River	122.13-4-2	George W. Burnett, Inc.	Truck maintenance and office (Building 1)
Parcel 2	189	Ganson Street	122.13-4-1.11		Parking lot
Parcel 3	191	Ganson Street	122.09-2-4		Storage garage (Building 2)

*This ID was assigned by Benchmark in order to differentiate between the parcels within the report.

3.5 Description of Structures and Other Improvements

On-Site Building and Improvements Summary	
Building Number	Building 1 – 127 Buffalo River
Square Footage (approximate)	8,000 (per municipal information)
Building Identification/Use	Auto body repair shop and office
No. of Stories	1
Basement	None
Roof Type	Peaked
Building Envelope	Poured concrete, concrete block, and steel
Building Siding	Concrete block and aluminum
Heating System	Natural gas
Building Construction Date	1973 (per municipal information)
Utilities Provided	Natural-gas, public water, municipal sanitary sewer and electric
Building Number	Building 2 – 191 Ganson Street
Square Footage (approximate)	3,584 – original western portion/7,260 – eastern addition (per municipal information)
Building Identification/Use	Storage/Vacant
No. of Stories	1
Basement	None
Roof Type	Flat
Building Envelope	Poured concrete, concrete block, brick, steel, and wood
Building Siding	Brick and concrete block
Heating System	Natural gas
Building Construction Date	1920/1966 (per municipal information)
Utilities Provided	Natural-gas, public water, municipal sanitary sewer and electric

3.6 Adjoining Property Information

The adjacent properties were visually inspected from the Site at the time of the Site reconnaissance. The surrounding property uses include the following:

Direction	Current Use	Apparent Past Use	Comments/Concerns
North	Industrial warehouse – currently vacant	Commercial and industrial	Adjacent industrial operations could result in impacts to the environment at the Site.
South:	Vacant	Railroad and industrial	
East:	Vacant industrial and Buffalo River	Vacant, railroad, and Buffalo River	
West:	Industrial manufacturing and vacant land	Railroad and industrial	

4.0 USER PROVIDED INFORMATION

As required under 40 CFR 312, those seeking liability protection under CERCLA, for which this Report is prepared, must provide the environmental professional certain information and documentation. Benchmark requested information from Mr. Douglas Swift of SpotOne, LLC, representing the User, with responses to that inquiry as follows:

4.1 Environmental Liens

According to Mr. Swift, there are no environmental cleanup liens against the Site that are filed or recorded under federal, tribal, state or local law.

4.2 Activity Use Limitations

According to Mr. Swift, there are no engineering controls, land use restrictions or institutional controls in place, filed or recorded under federal, tribal, state or local law.

4.3 Specialized knowledge or experience

Mr. Swift does not have specialized knowledge or experience related to the Site or nearby properties.

4.4 Purchase Price

Mr. Swift indicated that the purchase price being paid for the property reasonably reflects the fair market value of the property.

4.5 Commonly Known or Reasonably Ascertainable Information

Mr. Swift is not aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases at the Site.

4.6 Obvious Indicators

Mr. Swift is not aware of any obvious indicators that point to the presence or likely presence of contamination at the property.

Appendix H includes the completed user questionnaire.

5.0 RECORDS REVIEW

5.1 Standard Environmental Records Sources

Federal and state environmental regulatory information provided by Environmental EDR was reviewed at the radii defined in 40 CFR 312.26 (see Appendix A). Any sites unplottable by EDR were also reviewed, to the extent practical based on the site name and address, to assess whether they are also present within their appropriate radii. Any relevant listings such as those for the Site or any adjacent sites are included in the following table. Refer to Appendix A for complete acronym definitions.

Site Listings

Site Database Listings	Address/Name	Summary
NY LTANKS, NY UST, NY AST, NY Spills	145 Ganson Street/George W. Burnett Inc.	Four USTs and one AST are listed as being registered at 145 Ganson Street/George W. Burnett Inc. as follows: USTs Tank 001 – 4,000-gallon diesel UST installed October 1, 1973 is listed as being "closed prior to micro conversion" in March 1991. Tank 002 – 4,000-gallon diesel UST installed October 1, 1973 is listed as being "closed prior to micro conversion" in March 1991. Tank 003 – 4,000-gallon diesel UST installed October 1, 1973 is listed as being "closed prior to micro conversion" in March 1991. Tank 004 – 4,000-gallon diesel UST installed October 1, 1973 is listed as being "closed prior to micro conversion" in March 1991. AST Tank 1 – 10,000-gallon diesel AST installed August 1, 1995 is listed as being "in service" as of April 14, 2017. Benchmark can verify that this tank is currently operational and located on-Site, north of Building 1. The following spill incidents were identified for 145

		Ganson Street: Spill No. 8708580, dated January 4, 1988, involved petroleum contaminated soils found during tank removal activities. Contamination was reported as not significant and the spill was classified as "closed" by the NYSDEC on January 4, 1988. Spill No. 9501905, dated May 1, 1995, involved George W. Burnett Inc. using a 6,000-gallon tanker truck, which is reportedly prohibited. The owner received a permit to install a 10,000-gallon AST and the spill was classified as "closed" by the NYSDEC on May 12, 1995. There is no indication that a release occurred.
NY RGA LF, NY SWF/LF	189-191 Ganson Street/Wargo Enterprises/Wargo Enterprises at John A. Bauer	Wargo Enterprises is listed as Recovered Government Archive Solid Waste Facilities/Landfill Site from at least 2009 through at least 2012. Wargo Enterprises is also listed as a Solid Waste Facility/Landfill Site registered as a construction and demolition debris processing facility, authorized on May 6, 2009. Wargo Enterprises at John A. Bauer is listed is the FINDS database.
NY LTANKS, NY UST, NY AST, NY Spills, RCRA NonGen/NLR, FINDS, ECHO	191 Ganson Street/George W. Burnett Inc./Railroad Crossing/Ganson St/Tractor Trailer Accident/Waste Mgmt. of NY Downing Container Sv.	Two USTs and four ASTs are listed as being registered at 191 Ganson Street/George W. Burnett Inc. as follows: <u>USTs</u> Tank 1 – 4,000-gallon gasoline UST installed October 1, 1966 is listed as being "closed prior to micro conversion" in March 1991. Tank 2 – 10,000-gallon diesel UST installed May 1, 1980 is listed as being "closed – removed" on December 1, 1996. <u>ASTs</u> Tank 3 – 500-gallon unreported material AST installed January 1, 1974 is listed as being "converted to non-regulated use." A tank closed date is listed as December 1, 1991. Tank 4 – 275-gallon kerosene (#1 fuel oil) AST installed January 1, 1974 is listed as being "closed – removed" on January 1, 1995.

		Tank 5 – 275-gallon unreported material AST installed on January 1, 1974 is listed as being "closed – removed" on January 1, 1995. Tank 6 – 275-gallon unreported material AST installed January 1, 1974 is listed as being "closed – removed" on January 1, 1995. The following spill incidents were identified for 191 Ganson Street: Spill 9501488, dated May 1, 1995, involved unknown petroleum contamination at George W. Burnett Inc. found during a Phase I and Phase II investigation. The spill was classified as "inactive" by the NYSDEC on October 26, 1995. Spill No. 9611387, dated December 16, 1996, involved approximately 20-tons of diesel fuel contaminated soils found at George W. Burnett Inc. around a fill port during removal of a 10,000-gallon diesel fuel UST. Water samples and sidewall/bottom excavation soil samples were collected and analyzed. The spill was classified as "closed" by the NYSDEC on June 20, 1997. Benchmark suspects that this spill is associated with registered Tank 2 as dates and contents reported are consistent. Spills No. 1505539 and 1505541, dated August 23, 2015, involved the release of 8-gallons of diesel fuel due to a broke down tractor trailer near railroad tracks and onto the street. It was reported no fuel reached soils or waterways. Spill No. 1505539 was classified as "closed" by the NYSDEC on February 2, 2016 and Spill No. 1505541 was "closed" on August 24, 2015. Waste Management of NY Downing Container Services is listed as a RCRA non-generator of hazardous wastes with no reported violations. This property was historically listed as a large quantity generator of hazardous wastes including, but not limited to, ignitable wastes. Waste Management of NY Downing Container Services is also listed in the FINDS and ECHO databases.

Adjacent Property Listings

Adjacent Database Listings	Address/Name	Summary
NY Spills, NY SPDES, SEMS, RCRA CESQG, US AIRS, FINDS, ECHO, NJ/NY/PA Manifest	250 Ganson Street/ADM Milling Co./Industrial Site/250 Ganson Street to Pavement/Roadway/Pillsbury Co./Train Tracks 250-259 Ganson Street/ADM Plant	Numerous NYSDEC registered Spills are associated with 250 Ganson Street. All spills are classified as "inactive" or "closed" by the NYSDEC. SPDES permit no. NYR00E008 is associated with ADM Milling Co. to discharge to Lake Erie. ADM Milling Co. is listed in the Superfund Enterprise Management System. ADM Milling Co. is also listed as a RCRA conditionally exempt small quantity generator of hazardous wastes with no reported violations. Historic generator at this property include The Pillsbury Co. Hazardous wastes include, but are not limited to PCBs. 250 Ganson Street is also regulated by the US AIRS database as part of the US EPA Risk Management Plan for companies that handle, manufacture, use, or store flammable or toxic substances. The property is also listed in the FINDS and ECHO databases. NJ, NY report off-site disposal by ADM Milling Co. of hazardous wastes including, but no limited to, ignitable wastes, cadmium, chromium, lead. PA Manifests report off-site disposal by The Pillsbury Co. of hazardous wastes including, but not limited to, ignitable wastes.
NY Spills	95 Ganson Street/Construction Site	Spill No. 1800067, dated April 3, 2018, involved two-gallons of hydraulic oil to gravel surface. The spill was cleaned and classified as "closed" by the NYSDEC on April 4, 2018.
NY Spills, Abandoned Mines, RCRA-LQG, FINDS, ECHO, NY UST, NY Manifest	201 Ganson Street/Buffalo Industrial Diving/Metso (Nordberg) No. SN20360448/USEPA Buffalo River Dredging Notification of PCB Activity	Spill No. 1075467, dated December 31, 2001, involved 50-gallons of diesel fuel released to the Buffalo River from a docked boat. The spill was classified as "closed" by the NYSDEC on January 12, 2002. Spill No. 0175122, dated May 31, 2001, involved petroleum contamination environmental investigations. Monitoring wells installed during the investigation were test on April 17, 2003 and continued to show slight exceedances of

		groundwater standards. Therefore, the property was classified as "inactive" by the NYSDEC on April 17, 2003. Metso (Nordberg) No. SN20360448 is listed as an abandoned surface mine as of April 17, 2012. USEPA Buffalo River Dredging Notification of PCB Activity is listed as a RCRA large quantity generator of hazardous wastes with no reported violations. Historic generators for the property include Cowper Siegfried Construction. Hazardous wastes include, but are not limited to, ignitable wastes, spent non-halogenated solvents, and spent halogenated solvents. This property is also listed in the FINDS and ECHO database. NY Manifest database indicates off-site disposal of 16,738 kg of PCB wastes transported in dump trucks to a landfill. Two USTs are listed as being registered at 201 Ganson Street/Cowper Siegfried Co., Inc. as follows: Tank 001 – 8,000-gallon diesel UST installed August 1, 1973 is listed as "closed – removed" on May 1, 1989. Tank 002 – 4,000-gallon gasoline UST installed August 1, 1973 is listed as being "closed – removed" on May 1, 1989.

Nearby Properties

Additional regulatory listings were identified for nearby properties. Brief summaries of the relevant listings are provided in the table below.

Nearby Database Listings	Address/Name	Summary
NY Brownfields, NY SHWS	Multiple properties	Nearby properties at 399 Ohio Street, 441 Ohio Street, 300 Ohio Street, 31 South Street, 724 Ohio Street, 901 Fuhrmann Boulevard, and 300 Scott Street are listed as either NY Brownfield or State Hazardous Waste Sites. However, all properties are located over one-eighth mile from the Site and there is no information indicating an environmental concern at the Site from nearby properties.
NY Spills and LTANKS	Multiple properties	The remaining spill incidents identified within the search radii for nearby properties are classified as

		"inactive" or "closed" by the NYSDEC.
Numerous Database Listings	Multiple properties	The numerous remaining regulatory listings were reviewed by Benchmark and none of the information suggested a specific environmental concern at the Site; see below for additional information.

In addition to the nearby properties listed above, several additional sites located proximate to the Site are listed on one or more environmental databases. However, based on Benchmark's review, each of these additional sites falls in one or more of the following categories:

- It is listed on databases that indicate a potential for, but not an actual documented current or historical release (e.g., RCRA small quantity generator or large quantity generator; registered chemical bulk storage or petroleum bulk storage sites). As such, these sites are not considered to pose a REC at the Site due to absence of a documented release.
- It is located greater than one-eighth mile from the Site and is not considered a REC based on the distance from the Site.
- It is present at a location that is not expected to pose potential for impact on the Site due to topography and likely groundwater flow direction and is not considered a REC based on unlikelihood for impacts associated with migration of contaminants onto the Site.

The discussion included above regarding adjacent and surrounding properties is based on information supplied to Benchmark as well as observations of nearby properties at the time of the Site reconnaissance. Further study would be required to positively confirm whether the Site has been impacted by nearby properties. It is also important to note that the environmental history and status of nearby properties, real or perceived, can affect the valuation of the target property.

5.2 Additional Environmental Record Sources

To augment the information provided by EDR, a FOIA request was forwarded to the NYSDEC on October 22, 2018 for information concerning the Site (see Appendix B). The information obtained from the FOIA response appeared generally consistent with the Site regulatory listings summarized above.

Benchmark also completed a search on the NYSDEC website of readily available records for the Site, including an Environmental Site Database Search for spills, remedial sites and bulk storage facilities. A search of the USEPA Envirofacts website was also completed. The information obtained from the on-line research and the NYSDEC FOIA response appeared generally consistent with the Site regulatory listings summarized above.

5.3 Physical Setting Sources

Figure 1 shows the Site on an undated USGS Topographic Map, Buffalo SE Quadrangle. The Site is located in a highly developed industrial area. The Site appears to be developed with the presumed former railroad yards. The Site is located approximately 570 feet above mean sea level.

Groundwater flow is likely to the east or west toward the Buffalo River or consistent with topography in the area of the Site. Local groundwater flow, however, may be influenced by subsurface features, such as excavations, utilities, and localized fill-conditions.

5.4 Historical Use

The historical use of the Site has been researched through review of previous studies, historic Sanborn maps, historic aerial photographs, municipal records, historic topographic maps, and/or other reasonably obtainable documents. The following sections summarize Benchmark's research.

5.4.1 Historic Aerial Photographs

Historical aerial photographs serve to reveal former topography, buildings, structures and man-made works such as canals, lagoons and railroads that may have been altered or may no longer be in existence. Historical aerial photographs were obtained online through http://historicaerials.com/ for additional historical information relative to the Site and surrounding area. It should be noted that visual observations were limited on some aerial photographs due to poor quality.

YEAR	OBSERVATIONS
1959, 1963	
Site	The Site appears to be developed with former industrial buildings and associated

	parking areas in the northwest portion. The original portion of Building 2 appears to be in its current configuration. The southeast portion of the Site appears to contain a disturbance likely associated with cleared land and/or piled materials. Apparent railroad tracks also appear on-Site.
North	Industrial. Several large buildings adjacent to the northwest portion of the Site with a boat dock are apparent.
South	Vacant
East	A large industrial building is present to the northeast. The remainder of the Site borders the Buffalo River
West	Industrial. Several large buildings and railroad tracks are apparent.
1966	
Site	Four buildings in the northwest portion of the Site appear to be removed. Building 1 and the original portion of Building 2 appear to be in their current configuration. The remainder of the Site is consistent with above.
North	Industrial. The dock appears to be removed and is now cleared land.
South	Consistent with above.
East	Consistent with above.
West	Consistent with above.
1995	
Site	The Site appears to be developed with the existing buildings in their current configurations. Numerous apparent parked vehicles and/or equipment/materials are scattered throughout the Site.
North	Industrial. One new building appears to the east of previously described buildings.
South	Consistent with above.
East	The building adjacent to the northeast portion of the Site appears to be removed and is now vacant land.
West	Consistent with above.
2002-2013	
Site	The existing buildings appear in their current configuration. Apparent parked tractor trailers appear across the Site.
North	Consistent with above.
South	A roadway appears to be installed for truck turnarounds.
East	Consistent with above.
West	A southern portion of the industrial building previously described appears to be removed.

5.4.2 Historical Sanborn Maps

Sanborn maps serve to reveal former buildings, building uses, and man-made works such as canals, lagoons and railroads that may have been altered or may no longer be in existence. Historic addresses identified for the Site were identified as 157, 161, and 169 Ganson Street. The following table summarizes the maps. Appendix C includes copies of the Sanborn Maps provided by EDR and the Buffalo and Erie County Public Library website.

YEAR	OBSERVATIONS
1889	
Site	The Site appears to be developed with various structures. Specifically, a large lumber shed (identified as formerly Burt and Mead's Planing Mill) is located in the northern portion of the Site. Several residential and one unidentified commercial structure are located south of the lumber shed, along Ganson Street. A boat slip is located on the central portion of the Site east of the residential structures. On the southern portion of the Site, several railroad tracks are shown with an iron ore yard and repair shop. Five unknown circular structures, possible derricks, appear on the eastern portion of the Site east of the iron or building.
North	Commercial
South	Railroad tacks
East	Vacant and Buffalo River
West	Railroad tracks and associated buildings
1899	
Site	Several residential structures remain along Ganson Street. The remainder of the Site is developed with railroad tracks. Ore docks and apparent derricks are shown in the southeast portion of the Site.
North	Industrial machine shop is shown.
South	Industrial ore docks are shown.
East	The Erie Railroad Freight House is shown to the northeast and the Buffalo River is shown to the southeast.
West	Consistent with above. Northern Steamship Co. Freight House is identified.
1925	
Site	Three structures are shown along Ganson Street including a storefront, a residential structure, and a sheet metal shop. The remainder of the Site consists primarily of railroad tracks. One gasoline tank is shown in the central portion of the Sit to the east of railroad tracks (east of the former sheet metal shop). Numerous structures are shown in the northwest corner of the Site at 191-199 Ganson Street including an auto house, storage, tin shop, pipe shop, and paint shop.
North	Vacant
South	Unmapped
East	Consistent with above.
West	Consistent with above. The Island Warehouse Corporation is identified.
1951	
Site	Railroad track and the gasoline tank remain on-Site. In addition, two structures remain along Ganson Street including a residential building and restaurant/storefront. The buildings in the northwest corner of the Site remain consistent with above.
North	Consistent with above.
South	Consistent with above.
East	Consistent with above.
West	Consistent with above. The Pillsbury Flour Mills Company is now identified.

1981, 1986	
Site	The existing buildings on-Site appear in their current configuration. Building 1 is identified as being used for transportation and Building 2 is identified as being used by Downing Container Service as an office and paper container factory/facility. One railroad track remains with an Erie Railroad Weighing and Inspection Station.
North	Industrial. A machine shop is shown at 209-215 Ganson Street
South	Unmapped
East	Consistent with above. The building to the northeast is identified as dilapidated and open.
West	Consistent with above.

5.4.3 Historical City Directories

Historic city directories, dated between 1925 and 2014, were reviewed (generally in five-year intervals) through an EDR database search for additional information regarding the Site. Listings identified as **Bold** represent a potential environmental concern. Appendix D includes a copy of the abstract report.

Year	Address (Ganson Street)	Listing(s)
1925	189	Earl R. Roberts Restaurant
1930	161	Individual tenant
	189	Earl Roberts soft drinks
	191	191-301 Buffalo Dry Dock Co.
1935	**157**	**Great Lakes Transit Corp. Tin Shop**
	161	Individual tenant
	189	Earl R. Roberts Restaurant
	191	Buffalo Dry Dock Co.
1940	157	Vacant
	161	Individual tenant
	189	Earl R. Roberts Restaurant
	191	**The American Shipbuilding Co.**
1946	161	Individual tenant
	189	Earl R. Roberts Restaurant
	191	**The American Shipbuilding Co.**
1950	161	Individual tenant
	189	Earl R. Roberts Restaurant
	191	**The American Shipbuilding Co.,** Buffalo Dry Docks Yards
1955	161	Individual tenant
	189	Earl R. Roberts Restaurant
	191	**The American Shipbuilding Co.,** Buffalo Dry Docks Yards
1960	189	Earl R. Roberts Restaurant
	191	**The American Shipbuilding Co.,** Buffalo Dry Docks Yards
1964	189	Earl R. Roberts Restaurant
1970	189	Earl R. Roberts Restaurant
	191	**Downing Container Service Inc.**
1975	**145**	**N&K Cartage Co. Inc. trucking**

	189	Roberts Restaurant
	191	**Downing Container Service Inc.**
1980	**145**	**Lake Erie Transportation Co. Inc.**
	191	**Downing Container Service Inc., rubbish removal**
1985	**145**	**GW Burnett Trucking, Lake Erie Transportation Co. Inc.**
	191	**Downing Container Service Inc., rubbish removal**
1992	**145**	**Lake Erie Transportation Co. Inc.**
	157	**Roy Track Inc. railroad construction**
	191	**Downing Container Service Inc., rubbish removal**
1998	**145**	**GW Burnett Trucking**
	157	**Roy Track Inc. heavy construction**
2001	**145**	**GW Burnett Local Trucking**
	157	**Roy Track Inc. heavy construction**
	191	**Safeway Steel Products scaffolding**
2008	**145**	**Lake Erie Transportation Co. Inc.**
2010	**145**	**B&B Disposal Inc., George W. Burnett Inc.**
2014	**145**	**B&B Disposal Inc., George W. Burnett Inc.**

5.4.4 Historical Topographic Maps

Historical topographic maps available on-line were reviewed for additional information regarding the Site.

YEAR	OBSERVATIONS
1894-1947	
Site	The Site appears to be developed with railroad tracks running along to western and eastern property boundaries as well as within the northern portion of the Site. Three apparent buildings are shown in the central portion of the Site.
1950-1967	
Site	Most of the Site appears to be developed with railroad tracks. The previous three buildings are no longer shown. Two apparent building are shown in the northwest portion of the Site with the western-most building changing configuration from 1950 to 1967.
2013-2016	
Site	Due to extensive development in the area of the Site individual structures are not shown.

5.4.5 Municipal Records

Records readily available at the City of Buffalo municipal offices (Assessor, Building and Fire Departments) as well as records available online from the Erie County GIS were reviewed for additional information relative to the Site. Benchmark also researched historic addresses identified for the Site through review of Sanborn maps which includes 157, 161, and 169 Ganson Street. Note that a FOIL was submitted to the City of Buffalo as required

to access their records. The following summarizes municipal records provided to Benchmark at the time of this assessment; copies of the pertinent records are included in Appendix E.

- The Site measures approximately seven-acres and is currently owned by George W. Burnett, Inc and includes the following Tax ID Nos.:
    - 127 Buffalo River – 122.13-4-2
    - 189 Ganson Street – 122.13-4-1.11
    - 191 Ganson Street – 122.09-2-4
- Past owners were identified as John A. Bauer, Francis J. Downing, General Portland, J. Lloyd, Earl Roberts, American Shipbuilding Co., Robert Downing, Downing Container Services, Francis Downing Construction Co., Erie R.R. Co., Buffalo Dry Dock Co., Roberts Tavern, Lake Erie Transportation, Carlson Truck Service, and M&K Cartage Co.
- Building 1, constructed in 1973, measures 8,000 square feet. Building 2, constructed in 1920, measures 3,584 square feet with an addition, constructed in 1966, measuring 7,260 square feet.
- The Site is supplied with natural-gas, municipal sanitary sewer, public water and electric.
- The following records associated with environmental concerns appear to involve the Site addresses.
    - 191 Ganson Street:

      o 1918 – one permit for Buffalo Dry Dock Co. to erect a two-story machine shop. The location of the machine shop is unknown based on the municipal information.

      o 1947 – a hand written note indicates installation of two fuel oil tanks, presumed by Benchmark to be USTs, installed proximate a two-story building where the oil would be pumped to a rooftop reservoir and used for interior furnaces. The location of the tanks and building are unknown based on municipal information.

      o 1965 – Public Works applications to allow Morris & Reimann Wreckers, Inc. to dump stone and clay to bring Site to grade.

      o 1966 – two permits and fire prevention records for Downing Container indicating the following information:

        - June 13 – erect and use a one-story truck garage
        - September 29 – place and use two 4,000-gallon gasoline USTs and one 4,000-gallon diesel fuel UST. The location of the USTs are unknown based

on the municipal record; however, Lt. R.G. Knox noted that two of these USTs were removed on May 5, 1986 which is consistent with the 1973 fire prevention record below indicating the location of USTs northeast of the existing Building 2.

- 1973 – fire prevention records for Downing Container Service to install one 4,000-gallon steel diesel fuel UST. It is noted on the record by Lt. R.G. Knox that the UST was removed May 5, 1986. An additional sketch by Lt. Knox indicates removal of three USTs with one UST to remain. Record indicates the location of the USTs northeast of the existing Building 2.
- 1974 – permit for Downing Container Service to install and use one 4,000-gallon steel UST for private diesel fuel storage.
- 1980 – permit and fire prevention records for Downing Container Service to place and use one 10,000-gallon steel diesel fuel UST. Fire prevention records include a sketch showing the tank southeast of Building 2.
- 1980 – Sketches from the fire prevention department depict three 4,000-gallon USTs and one 4,000-gallon UST to be installed with two pumps north of the existing garage of Building 2. As described above, Lt. R.G. Knox noted on a 1973 fire prevention record that three of the four USTs were removed in 1986.
- 1984 – application for Downing Container Service Inc. to conduct restricted burning of a 10,000-gallon gasoline tank. A sketch provided indicates the proposed burning site east of the Downing Container Service building.
- 1984, 1985, 1986, 1987 – fire prevention inspection records advising Downing Container that outside storage tanks (waste oil and kerosene) to be bunkered and protected by bollards.
- 1987 – fire prevention records indicating removal of one 4,000-gallon gasoline UST and associated vent at Downing Container Service. Elmwood Tank & Piping Corp. document indicates the contract to clean, gas free and legally dispose of the UST per NYDEC regulations. The location of the UST is unknown based on the municipal information.

- 145 Ganson Street:
  - 1949 – fire prevention records indicating approval of an application to install one 3,000-gallon gasoline UST for Carlson Truck Service Inc. The location of the UST is unknown based on the municipal information.
  - 1960 – fire prevention records indicating installation of one new 3,000-gallon and one existing 1,000-gallon diesel fuel USTs for Carlson Truck Service. Additional information indicates removal and replacement of a

leaking 3,000-gallon UST. A sketch depicts the location of the USTs west of the existing Building 1.

- 1966 – fire prevention records indicating application, installation and survey for one 4,000-gallon gasoline UST for Carlson Trucking. A sketch depicting the tank locations proximate the existing garage building west of Building 1 is provided. An additional existing 3,000-gallon UST is also shown which is consistent with 1949 municipal information.
- 1972 – fire prevention records indicating approval of an application to install three 4,000-gallon USTs and one 2,000-gallon gasoline UST for M&K Cartage. A sketch depicting the tank locations south of the existing Building 1 office space is provided.
- 1988 – fire prevention records indicating removal of three 4,000-gallon USTs and one 2,000-gallon diesel fuel UST and associated vents at Lake Erie Transportation. The location of the USTs are unknown based on the municipal information.
- 1995 – a permit application by George W. Burnett, Inc. to install a 10,000-gallon aboveground diesel fuel storage tank. The tank is shown to be located north of the existing building and tank specifications are provided.

The City of Building Inspector would not provide Benchmark with an interview relative to the Site. However, Mr. Jeremy Martz, City Assessor and Cpt. Ron Barrett, Fire Prevention Department were interviewed. Neither individual had any prior knowledge of environmental concerns associated with the Site.

5.4.6 Site History Provided by Site Contact

According to the site contact (owner's representative), the Site is currently and has historically been used for truck maintenance purposes since at least 1978 when G.W. Burnett Inc. occupied the Site. The Site had previously been used as a lime pile for nearby concrete manufacturing in at least the mid-1960s. Building 1 has been used for truck maintenance. The western portion of Building 2 has been vacant since at least 1978 while the eastern portion has been used for minor maintenance operations but is currently a storage area. The Site contact also indicated that all USTs, associated piping, and pumps have been removed from the Site and the NYSDEC approved all removal activities.

Section 7.1 includes additional information provided by the Site contact.

5.4.7 Abstract of Title

Abstract of Title information was not provided to Benchmark.

5.4.8 Previous Assessments

The following previous studies were provided to Benchmark:

"Phase II Environmental Site Assessment," completed by AFI Environmental, for Waste Management of New York dated December 28, 1994. The study is addressed for 191 Ganson Street; however, it appears to mainly involve the 189 Ganson Street Parcel. The following is a summary of the previous report:

During the environmental investigation, the Site being evaluated was identified as 4.78-acres with one office building, one repair/maintenance garage, one detached office trailer, and gravel driveways and parking areas and was owned by Downing Container Services, Inc.

A previous Phase I Environmental Site Assessment, conducted by AFI in 1993, was referenced within the Phase II text. AFI's Phase I reportedly identified the following RECs:

- Numerous petroleum stained areas in both the garage areas and staging/parking areas;
- Soils in and around former USTs were never sampled;
- Fill materials utilized to fill dry docks north of the Site were shown to contain elevated VOCs, PCBs, and metals. Groundwater in this area has also been shown to contain elevated acetone, methylene chloride, and metals;
- Potential impacts on-Site from the Buffalo River;
- Potential discharges of automotive related chemicals into the combined municipal sewer system;
- Historical uses of the property for industrial purposes;
- Potential impacts to soils and stormwater proximate to truck staging areas.

To assess the RECs detailed above, AFI installed five monitoring wells, completed ten soil borings, and collected three sediment samples. Monitoring wells were installed to approximately 17 fbgs with 10-foot screens to allow infiltration of groundwater, which was

reportedly measured at depths ranging between 2.88 and 8.02 fbgs. Soil boring samples were taken from depths ranging from 0.5 to 1 fbgs. Sediment samples were collected from material from the bottom of on-Site catch basins. In total, two soil samples from 0.5 to 1 fbgs, one sediment sample and five groundwater samples were collected for laboratory analysis. Elevated VOCs and SVOCs were detected in sample areas proximate to former UST and fueling/waste container locations. One sludge/sediment sample taken from a surface runoff inlet indicated elevated levels of VOCs, particularly acetone (39,000 ppb) and toluene (62,400 ppb). PCBs were detected at all sample locations and AFI determined the likely cause to be a result of fill brought on-Site prior to the Downing Container Service's existence or on-Site activity of liquid petroleum fractions within the soil matrix allowing PCBs to become mobile. All groundwater samples were determined to be clean and contain levels of contaminants below NYSDEC drinking water standards.

Based on AFI's Phase II investigation, they recommended a more extensive soil/sediment investigation to determine concentrations, distribution (horizontal and vertical), and source of petroleum and PCB-1260 constituents within the soil matrix. Once the source boundaries of contamination are established, AFI recommended implementation of a corrective action plan based on effectiveness, potential impacts to human health and the environment, cost, compatibility with the current commercial nature of the Site, and NYSDEC recommendations.

"Remedial Action Plan Soil Investigation Report, Downing Container, 191 Ganson Street, Buffalo, New York, completed by AFI Environmental, for Waste Management, dated May 8, 1995. The purpose of the work was to further investigate the areal extent and composition of impact constituents to identify the cost to mitigate existing soil/sediment contamination at the Waste Management facility. Additional investigation activities included five additional soil samples from three distinct areas of concern identified by AFI as a former UST Area (Area 1), a former roll off dumpster staging area (Area 2), and the gas island/storm sewer inlet area (Area 3). Five soil samples from 6" to 18" were collected and homogenized and analyzed for TCLP VOCs and TCLP SVOCs. Laboratory analytical results revealed an exceedance of naphthalene at one location at a concentration exceeding applicable regulatory criteria. AFI recommended excavation activities on-Site.

"Soil and Sediment Remediation Report, Downing Container, 191 Ganson Street, Buffalo, New York," completed by AFI Environmental, for Waste Management of New York, dated September 28, 1995. This report is related to Spill No. 9501488 assigned to 191 Ganson Street on May 1, 1995. The purpose of the report is to document the petroleum-impacted soil and sediment encountered at the Downing Container facility (a storage yard and repair shop for WM/Downing Container garbage pickup and roll-off operations. The work included:

- Removal of soil (identified as a 20' x 20' x 2.5' area) from a former UST area.
- Excavation of soil (identified as a 25' x 25' by 18" area) from a roll off staging area where toluene contaminated soils were reportedly awaiting NYSDEC approval for approval.
- Excavation of staining in parking lot areas near pump islands and vehicle parking areas.
- Sediment removal and cleaning of storm drains.
- Backfilling of excavation areas with No. 2 crusher.
- Post excavation soil sampling.

  It appears that soil/sediment samples were analyzed for PAHs, TCLP VOCs and PCBs. AFI indicated that isolated soil and sediment impacts (apparently for SVOCs, PCBs and metals) across the Site and within the storm water drainage system. AFI further indicated that no groundwater impacts were identified, and post excavation composite samples were below background levels or lower.

"Remedial Action Plan, Downing Container, 191 Ganson Street, Buffalo, New York," completed by AFI Environmental, for Waste Management, dated February 1995. The report detailed AFI's plan to complete additional investigation activities in Areas 1 through 3.

An October 30, 1995 letter from the NYSDEC to Waste Management indicates that the Department reviewed the analytical results from post excavation soil samples and they are not recommending further work since the results were "low levels."

A copy of the previous study is included in Appendix F.

5.4.9 Summary of Historic Uses

Approximate Years	Reported or Suspected Use	Owner/Occupant
At least 1889 through current	Current operations include truck maintenance, a truck washing station, office space and storage for truck parts, empty drums, and old vehicles. Historic operations included a mix of industrial, commercial, and residential uses. Sanborn maps indicate various structures and operations throughout these years including lumber sheds, iron ore yards, machine shops, tin shops, railroads, commercial buildings, and restaurants. Various railroad tracks also appeared on-Site. In addition, trucking, container, and transportation, and construction companies were on-Site. Previous studies indicate that Site was historically used as a storage yard and repair shop for Waste Management of New York's Downing Container Division garbage pickup, roll off and rental operations. Multiple residential structures were formerly present along Ganson Street. Municipal records and regulatory records indicate installation of at least 14 USTs between 1949 and 1980, and removal of at least eight USTs between 1986 and 1988. The exact locations of several USTs were not identified in historical records.	Current owner: George W. Burnett Inc. Past owners/occupants include J. Lloyd, Earl Roberts, American Shipbuilding Co., Buffalo Dry Dock Co., Great Lakes Transit Corp., Earl Roberts, Waste Management/Downing Container Service Inc., N&K Cartage Co. Inc., Lake Erie Transportation Co. Inc., Roy Track Inc., and Carlson Truck Service.

5.5 Environmental Liens

Benchmark is not aware of any formal environmental liens, enforcement action, civil, judicial or administrative enforcement cases in connection with the Site.

6.0 SITE RECONNAISSANCE

6.1 Methodology and Limiting Conditions

A visual review of the Site was completed to document Site conditions and identify potential RECs. The presence of parked vehicles and stored materials/equipment hindered observations of ground surfaces at the time of the Site reconnaissance.

6.2 General Site Setting

Mr. Chad Schuster of Benchmark performed the Site reconnaissance on October 25, 2018. Benchmark was accompanied by Mr. Eric Bauer of G.W. Burnett, Inc. reportedly associated with the Site for approximately 35 years.

Appendix G includes photographs taken during the Site reconnaissance.

6.3 Site Visit Findings

6.3.1 Current On-Site Operations

Two structures are present on the Site. Building 1 is occupied by a truck maintenance garage and office space. Additionally, a truck washing station is located adjacent to the east side of Building 1. The western portion of Building 2 is currently vacant, and an eastern addition is currently used as storage for truck parts, empty drums, and old vehicles.

6.3.2 Storage Tanks

One 10,000-gallon #2 diesel fuel oil AST is located north of Building 1. The AST appears to be in good condition and is located within secondary containment. No concerns (staining, odors, etc.) were noted proximate to the AST within the secondary containment.

A used oil AST is located within Building 1. The tank is used for collection of oil consumed for an overhead furnace within the maintenance area of Building 1. No concerns (staining, odors, etc.) were noted proximate the tank or furnace areas.

An additional 200-gallon AST is located within Building 1 labeled Super-D XA Diesel Engine Oil with Liquid Titanium SAE 15W-40. No concerns (staining, odors, etc.) were noted proximate the tank.

Benchmark is aware of the extensive tank history associated with the Site. Concrete ground surface areas were observed by Benchmark to the south and northeast of Building 2, potentially indicative of former UST and/or pump island areas. Benchmark was informed by Mr. Bauer that all USTs, associated piping, and pumps were removed per NYSDEC standards. Mr. Bauer also verified the location of a former UST field, which was removed, south of Building 1. Other than concrete ground surfaces, no additional evidence (vent pipes, brackets, etc.) of remaining USTs was observed at the time of the Site reconnaissance.

6.3.3 Hazardous or Regulated Materials

General cleaning/maintenance materials are stored and utilized on-Site. No concerns (staining, odors, etc.) were noted proximate to these materials at the time of the site visit.

Automotive-related fluids including oils, brake fluid and antifreeze were noted in Building 1 in drums of 55-gallons or less and/or containers of five gallons or less. Additional containers of diesel exhaust fluid, synthetic lubricant, specialized lubricant, paints, hydraulic oil, transmission fluid, compressor lubricant, power steering fluid, concrete remover and cleaner, degreaser, soap, and aluminum cleaner were also noted.

Benchmark was informed by Mr. Bauer that all waste oils are burned on-Site, and the procedure is regularly monitored by the Buffalo Fire Department.

A 55-gallon drum of waste oil was observed off-Site adjacent to the northeast corner of the Site. The drum was tipped on its side; however, no concerns (staining, stressed vegetations, odors, etc.) were observed proximate to the drum and within the Site property boundary.

6.3.4 Solid, Hazardous or Regulated Wastes

General refuse generated on-Site is stored in dumpsters that are picked up regularly by Allied Waste Services.

Hazardous/regulated wastes are generated in connection with automotive repair operations at Building 1. According to the Site contact, wastes generated on-site include used motor oils. The Site contact indicated that the waste oils are burned on-Site and regularly monitored by the Buffalo Fire Department.

Three 30-gallon drums of Transoil 50, Specialized Lubricant, and 75W-90 motor oil were observed within the maintenance area of Building 1. No concerns (staining, odors, etc.) were noted proximate to these drums.

A moveable floor pan was observed proximate the previously discussed used oil tank within Building 1. The pan was filled with oil; however, no concerns (staining, etc.) was noted proximate the pan on the ground surface.

Approximately 25 new and used tires are stored within Building 1 on racks in an upright position. Additionally, multiple used tires are stored within Building 2. No concerns (staining, odors, etc.) were noted proximate any tires in both Buildings.

6.3.5 Miscellaneous Debris/Stored Materials

Numerous truck parts are stored within Building 1 and Building 2. All unused parts are stored on shelving and no concerns (staining, odors, etc.) were noted proximate to the stored parts.

Miscellaneous debris such as old sinks, rubber tracks, shelving, and tire rims were observed outside the northern portion of Building 1. No concerns (staining, odors, etc.) were noted proximate this debris.

Two small piles of stone fill material were observed in the central portion of the site. An additional pile of miscellaneous fill material (i.e. stone, brick, etc.) along with scattered general refuse (i.e. lumber) was observed in the northeastern portion of the Site. Both piles were located along the eastern edge of the Site. No concerns (staining, odors, etc.) were noted proximate to the piled material.

6.3.6 Fill

Benchmark observed visible evidence of fill activity at the time of the Site reconnaissance. Unpaved, grass areas around the northern portion of the Site contained, what appeared to be brick material and other non-native soil materials. In addition, Benchmark is aware of former buildings at the Site thus it is possible that fill materials from unknown origins were brought to the Site to bring former building areas to grade.

6.3.7 Ground Surface Disturbances

Multiple unknown asphalt disturbances were noted throughout the parking lot area of the Site, mostly in high traffic areas. Benchmark suspects these disturbances to be associated with heavy traffic areas; however, due to known former building on-Site, these disturbances could be related to settling of backfill material in former building areas.

6.3.8 Suspected Former Pump Islands and/or UST Fields

Concrete ground surfaces were observed to the south and northeast of Building 2. Benchmark was informed by the Site contact that these concrete areas were locations of former pump island and UST's fields.

6.3.9 Staining/Spillage and Pools of Liquid

Black staining was observed on the concrete ground surface in two areas of Building 2. Minor staining was noted proximate a concrete joint in the eastern portion of Building 2. Additional black staining was observed in the central portion of Building 2. Benchmark was informed by the Site contact that the cause of this staining was from maintenance to the Site owner's personal vehicle. No cracks were observed to the concrete floor surface proximate this stained area.

6.3.10 Stressed and/or Dead Vegetation

None observed.

6.3.11 Odors

None observed.

6.3.12 Unidentified Substance Containers

Several 55-gallon drums within Building 2 were unable to be identified. The Site contact informed Benchmark that all drums within Building 2 were empty. However, Benchmark could not visually inspect the drums and it Is possible residual liquids remain in these drums.

6.3.13 Unknown Pipe

An unknown pipe was observed within the northeast corner of Building 1; such was observed protruding from the concrete ground surface. The pipe is approximately 1.5-inches in diameter and painted metal. It extends through the eastern wall of Building 1 and is disconnected at the exterior approximately four-feet in height. A threaded 90-degree connection is located at the end portion of the pipe. The Site contact could not verify the use of the pipe.

6.3.14 Heating/Cooling

Natural-gas fired forced air heating/cooling systems are used on-Site within the office area of Building 1 and throughout Building 2. An overhead oil furnace is located within the maintenance are of Building 1. No concerns (staining, odors, etc.) were noted proximate the furnace.

6.3.15 Wastewaters

The Site is currently connected to the municipal sanitary sewer system.

6.3.16 Potable Water Supply/Wells

The Site is serviced by the municipal water supply.

6.3.17 Drains and Sumps

A trench drain running in a west-east direction was observed by Benchmark within the maintenance area of Building 1. An additional trench drain is located in the eastern portion of Building 1 running in a south-north direction, which is utilized as a truck washing area. The Site contact informed Benchmark that both drains are connected and run to an oil-water separator located north of Building 1. The oil-water separator then runs west and connects to the Buffalo Sewer Authority municipal combined sewer system located on Ganson Street. No concerns (staining, odors, etc.) were noted proximate the drains. Benchmark was unable to observe to contents of the drains.

A circular floor drain is located within the eastern portion of Building 2. Benchmark was unable to observe the contents within the drain. However, no concerns (staining, odors, etc.) were noted proximate the drain.

No sumps were observed during the Site reconnaissance.

Storm drains were observed in the parking lot area in the western portion of the Site. An additional storm drain is located east of Building 1 within an outdoor truck washing area. The Site contact informed Benchmark that all storm drainage collected within catch basins discharges into the Buffalo Sewer Authority municipal combined sewer system located on Ganson Street.

Benchmark observed differences in Site topography at the time of the Site reconnaissance which indicated some of the site stormwater is conveyed east as overland flow directly toward the Buffalo River.

6.3.18 Air Emissions

No process exhaust systems were noted on-site at the time of the Site inspection.

6.3.19 Pits, Ponds and Lagoons

None observed.

6.3.20 Septic System

None observed.

6.3.21 PCBs

Utility-owned pole-mounted transformers were noted along the property border on Ganson Street. No concerns (staining, odors, etc.) were noted proximate to the transformers at the time of the Site visit.

6.3.22 Previous Intrusive Work

Four existing monitoring wells, installed as part of previous subsurface investigations completed by others, were noted in the northern portion of the Site along the property boundary.

6.3.23 Adjacent Property Use

Adjacent properties are currently utilized for industrial purposes, including manufacturing and warehousing operations. No concerns (staining, odors, obvious spills, etc.) were noted on-Site in connection with current adjacent operations.

6.4 Summary of Site Reconnaissance Potential Concerns

The following potential environmental concerns were identified at the time of the Site reconnaissance:

- Building 1 is currently used as an automotive repair operation with associated storage and use of hazardous/regulated materials.
- Automotive-related fluids including oils, brake fluid and antifreeze were noted in Building 1 in drums of 55-gallons or less and/or containers of five gallons or less. Additional containers of diesel exhaust fluid, synthetic lubricant, specialized lubricant, paints, hydraulic oil, transmission fluid, compressor lubricant, power steering fluid, concrete remover and cleaner, degreaser, soap, and aluminum cleaner were also noted.
- A 55-gallon drum of waste oil was observed off-Site adjacent to the northeast corner of the Site. The drum was tipped on its side; however, no concerns (staining, stressed vegetations, odors, etc.) were observed proximate to the drum and within the Site property boundary.
- Hazardous/regulated wastes are generated in connection with automotive repair operations at Building 1. According to the Site contact, wastes generated on-site include used motor oils.
- Benchmark was informed by the site contact that all waste oils are burned on-Site within a waste oil burner.
- One 10,000-gallon diesel fuel AST is located north of Building 1 within secondary containment.
- Concrete ground surface throughout the Site were observed, particularly south and northeast of Building 2. These concrete areas are reportedly indicative of former UST fields and pump island areas. The Site contact verified these areas to be locations of previously removed USTs and pumps.
- An unknown pipe, approximately 1.5-inches in diameter, is protruding vertically from the ground surface inside the northeast corner of Building 1 and exits the exterior wall approximately four-feet above the ground. It is disconnected outside the building. The Site contact did not know the origin or use of the unknown pipe.

- A used oil AST is located within Building 1 which is used for collection of oil consumed by an overhead furnace/waste oil burner located in the maintenance area. Additionally, a moveable pan filled with oil was located proximate the tank.
- A 200-gallon AST is located within Building 1. It is labeled Super-D XA Diesel Engine Oil with Liquid Titanium SAE 15W-40.
- Trench style floor drains are located throughout Building 1 within the maintenance area and truck wash area.
- The Site contact indicated the floor drains outlet to an oil-water separator located north of Building 1 prior to discharge to the Buffalo Sewer Authority combined sewer system located on Ganson Street.
- Multiple 55-gallon drums of unknown materials are located within Building 2. The Site contact indicated these drums to be empty; however, Benchmark could not visually confirm.
- Black staining, believed to be waste oil, was observed on the ground surface within Building 2. The Site contact indicated the staining to be a result of the Site owner performing general maintenance to a personal vehicle.
- Miscellaneous stored materials including numerous truck parts and tires are stored within Building 1 and Building 2 on shelving and concrete ground surfaces. Additional miscellaneous debris is located on the north exterior of Building 1.
- Two small pile of stone fill material and one pile of miscellaneous fill material are located along the eastern portion of the Site.
- Based on the urban location of the Site and former buildings, it is possible that fill materials from unknown origins were brought to the Site.
- Numerous unknown asphalt disturbances were observed by Benchmark in paving and stone parking areas, mostly in high traffic areas.
- Four existing monitoring wells, installed as part of previous subsurface investigations completed by others, were noted in the northern portion of the Site.
- Adjacent properties are currently utilized for industrial purposes, including manufacturing and warehousing. No concerns (staining, odors, obvious spills, etc.) were noted on-Site in connection with current adjacent operations.

7.0 INTERVIEWS

7.1 Site Owner

An Environmental Questionnaire requesting information on any known environmental hazards or impacts at the Site was completed by the current president of G.W. Burnett, Inc., Mr. Eric Bauer. Appendix H includes the completed questionnaire. The following summarizes the information provided by Mr. Bauer:

- The Site has been occupied by G.W. Burnett, Inc., a trucking and transportation company, since March 1978 and has been utilized for storage and maintenance purposes.
- Building 1 is currently utilizes and oil furnace which burns used motor oil as a secondary source of heat. Used motor oil is stored in an on-Site AST. Both buildings on-Site are primarily heated with natural gas heating systems.
- A 10,000-gallon AST identified as Tank 1 is located on-Site which contains on-road diesel fuel. The tank is registered and complies with December 1998 EPA requirements. In addition, Mr. Bauer indicated NYSDEC PBS certificates are issued every 5-years.
- To Mr. Bauer's knowledge, underground and/or aboveground tanks have previously been located on-Site and closure reports are available.
- Mr. Bauer indicated there have never been complaints or notices of violations associate with the existing facilities.

7.2 Municipal Interview

As indicated above, the City of Buffalo Building Inspector would not provide an interview relative to the Site. However, Benchmark interviewed the City of Buffalo Assessor, Mr. Jeremy Martz and the Fire Prevention Office, Captain Ron Barrett. Both individuals had no additional knowledge of environmental concerns associated with the Site.

7.3 Former Site Owner/Operator

Former owners/operators were not interviewed as part of this assessment.

8.0 OTHER ENVIRONMENTAL CONSIDERATIONS

Other environmental considerations are discussed below. Such include non-scope considerations, described under ASTM E1527-13 as ancillary conditions that are typically outside the standard Phase I scope of practice. Non-scope considerations, such as asbestos, lead, radon, wetlands and mold, are not considered RECs under ASTM E1527-13, but may represent health or environmental issues impacting the Site and/or property value.

8.1 Asbestos

Based on the ages of the existing buildings, the potential for asbestos exists. Suspect ACMs including, but not limited to, drywall/plaster, pipe wrap, floor tile and ceiling tile were noted at the time of the site visit. Asbestos could also be present in roofing materials. Damaged ceiling tiles were observed within bathroom areas of Building 2. Ceiling materials were noted to be damaged in the western portion of Building 2 with visible insulation protruding.

8.2 Lead Paint, Pipes and Soldering

Based on the age of the existing building, the potential for lead-based paint exists, lead pipe, and soldering. Peeling/chipping paint was observed on the exterior of the western portion of Building 2.

8.3 Radon

Research in the area of the Site completed by the New York State Department of Health - Bureau of Environmental Radiation Protection (Radon) suggests an average basement radon concentration of 1.14 pCi/L in the area of the Site, which is below the USEPA action level of 4.0 pCi/L. As such, radon is not anticipated to be a concern.

8.4 Wetlands and Flood Zones

The EDR regulatory database includes general information on wetlands and flood zones. No wetland areas were identified on-site or adjacent to the Site. The southern half of the Site is located within the 100-year and 500-year flood zone areas.

8.5 Microbial Contamination (Mold)

No visual evidence of mold was noted at the time of the Site reconnaissance.

8.6 Vapor Encroachment Conditions

This assessment included review of the regulatory database discussed in Section 6.1 in relation to the ASTM E2600-10 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions.

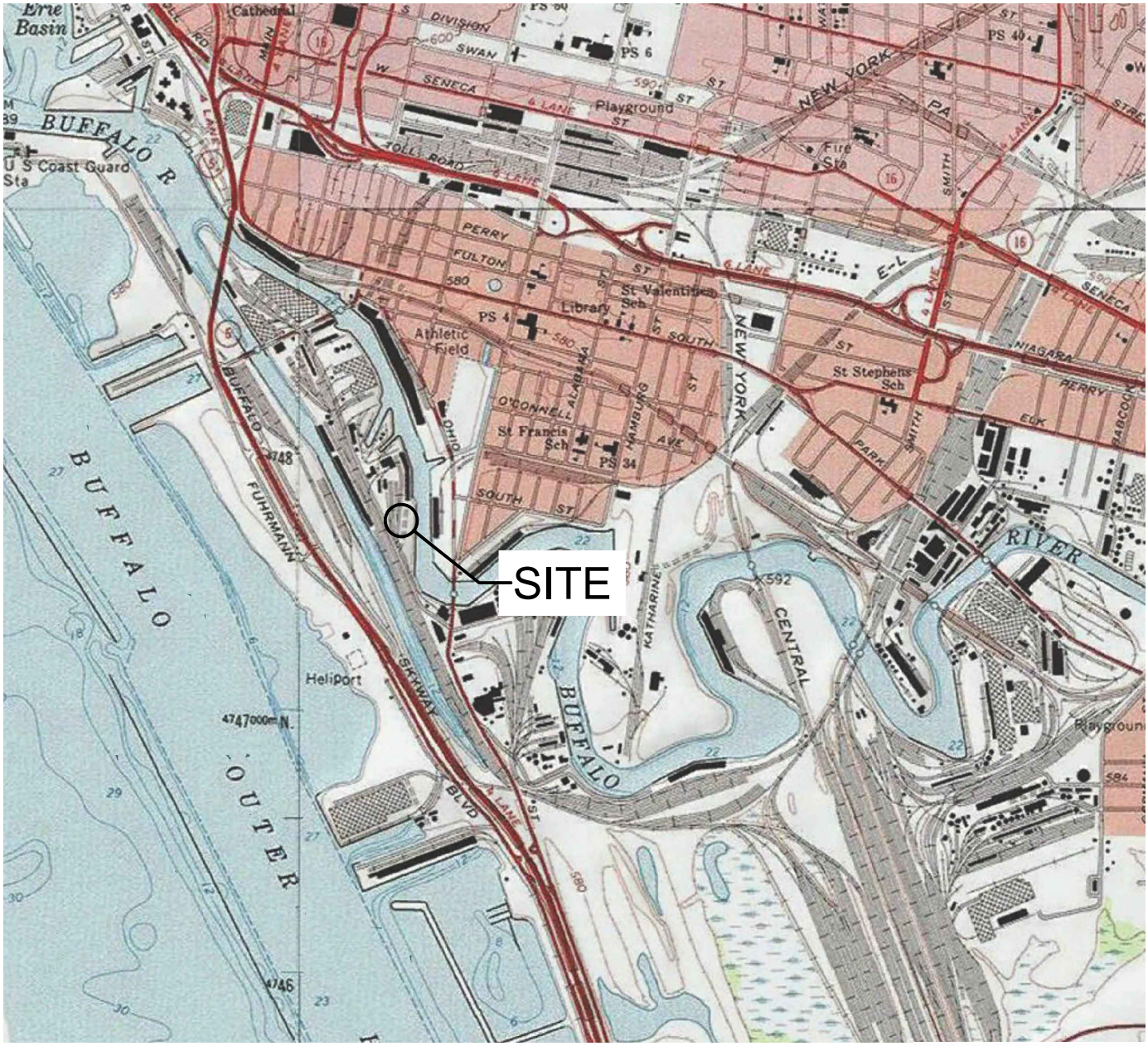
If soil or groundwater is contaminated with a volatile compound such as gasoline or solvents, that contaminant can migrate through the soil pore space and end up in the air inside of buildings, especially within basement areas. Soil vapors do not necessarily migrate along groundwater flow paths; they can also move up hydraulic gradients and can extend beyond a groundwater plume. The ASTM standard named this a VEC, which is a more recent environmental concern and there have been a significant number of sites where vapor intrusion has been discovered. The state and federal environmental regulators have "reopened" numerous spill and waste sites in order to assess whether vapor encroachment is a concern.

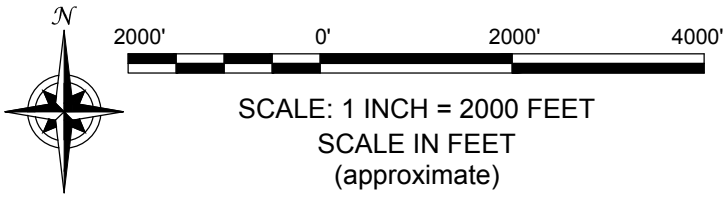
The historic industrial use of the Site along with numerous documented USTs represent a potential VEC.

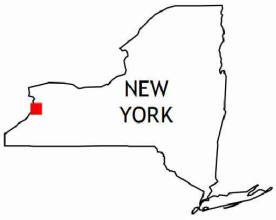
FIGURES

F:\CAD\Benchmark\SpotOne, LLC\Figure 1 - Site Location and Vicinity Map.dwg

FIGURE 1







BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

PROJECT NO.: B0465-018-001

DATE: NOVEMBER 2018

DRAFTED BY: CMS

SITE LOCATION AND VICINITY MAP

PHASE I ENVIRONMENTAL SITE ASSESSMENT

145 GANSON STREET
(AKA 127 BUFFALO RIVER AND 189-191 GANSON STREET)
BUFFALO, NEW YORK

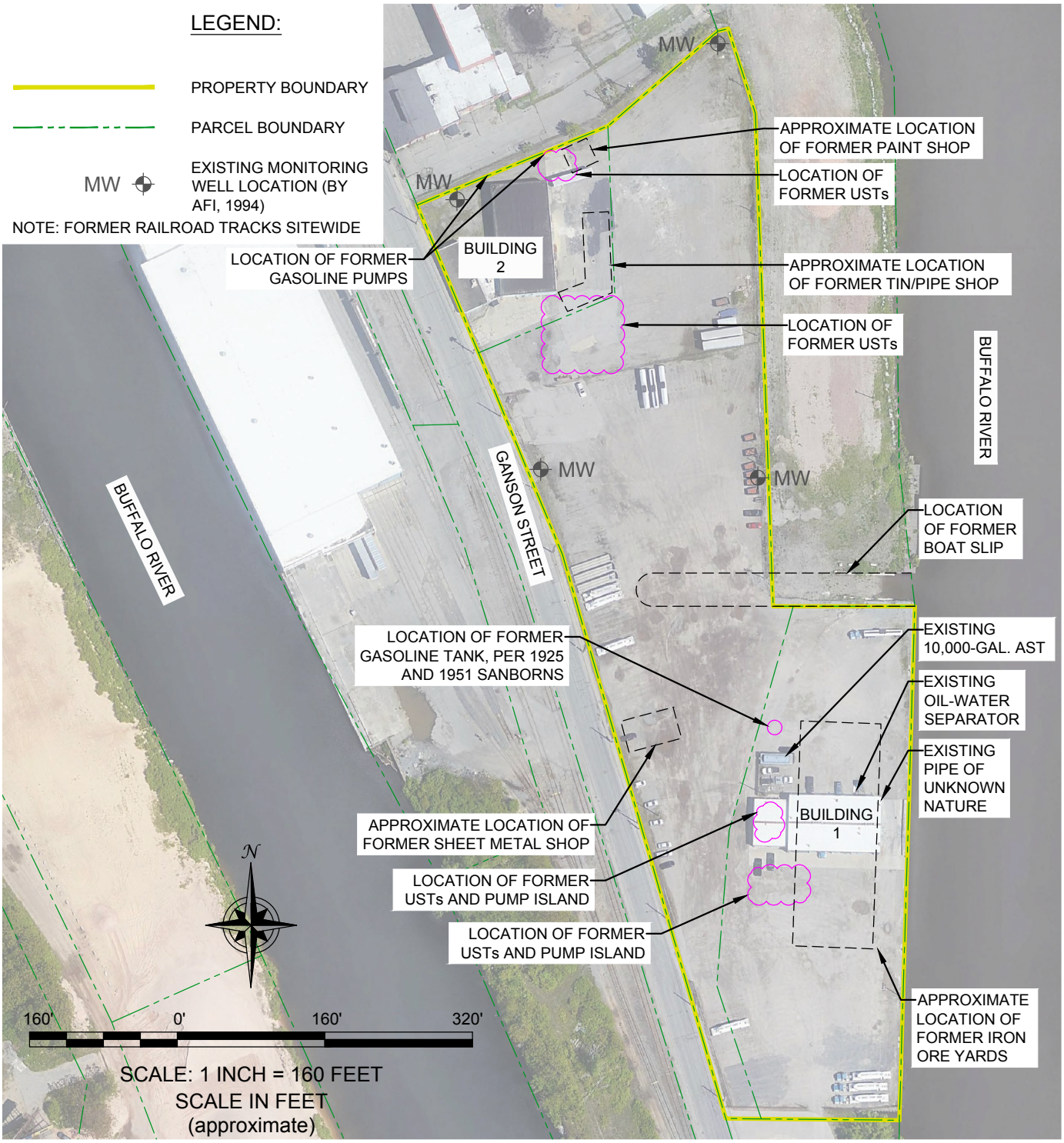
PREPARED FOR

SPOTONE, LLC

DISCLAIMER:
PROPERTY OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC. IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. INFORMATION CONTAINED HEREON IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN NECESSARY SUBCONTRACTORS & SUPPLIERS WITHOUT THE WRITTEN CONSENT OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC.

F:\CAD\Benchmark\SpotOne, LLC\Figure 2 - Site Plan (Aerial).dwg

FIGURE 2



BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

PROJECT NO.: B0465-018-001

DATE: NOVEMBER 2018

DRAFTED BY: CMS

SITE PLAN (AERIAL)

PHASE I ENVIRONMENTAL SITE ASSESSMENT

145 GANSON STREET
(AKA 127 BUFFALO RIVER AND 189-191 GANSON STREET)
BUFFALO, NEW YORK

PREPARED FOR

SPOTONE, LLC

DISCLAIMER:
PROPERTY OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC. IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. INFORMATION CONTAINED HEREON IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN NECESSARY SUBCONTRACTORS & SUPPLIERS WITHOUT THE WRITTEN CONSENT OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC.

APPENDIX A

ENVIRONMENTAL DATABASE REPORT

145 Ganson Street Aka 127-191 Ganson Street
145 Ganson Street
Buffalo, NY 14203

Inquiry Number: 5468527.2s
October 30, 2018

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	424
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-10
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2018 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

145 GANSON STREET
BUFFALO, NY 14203

COORDINATES

Latitude (North):	42.8638840 - 42° 51' 49.98''
Longitude (West):	78.8704650 - 78° 52' 13.67''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	673965.5
UTM Y (Meters):	4747684.5
Elevation:	585 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5937941 BUFFALO SE, NY
Version Date:	2013
Northeast Map:	5937939 BUFFALO NE, NY
Version Date:	2013
Southwest Map:	5938307 BUFFALO SE OE W, NY
Version Date:	2013
Northwest Map:	5938774 BUFFALO NW, NY
Version Date:	2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150528, 20150529
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
145 GANSON STREET
BUFFALO, NY 14203

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	WARGO ENTERPRISES AT	189 GANSON ST	FINDS		TP
A2	GEORGE W BURNETT INC	191 GANSON ST	NY LTANKS, NY UST, NY AST, NY Spills		TP
A3	WARGO ENTERPRISES	189-191 GANSON STREE	NY RGA LF		TP
A4	RAILROAD CROSSING/ G	191 GANSON ST.	NY Spills		TP
A5	TRACTOR TRAILER ACCI	191 GANSON ST	NY Spills		TP
A6	WASTE MGMT OF NY DOW	191 GANSON ST	RCRA NonGen / NLR, FINDS, ECHO		TP
A7	GEORGE W. BURNETT IN	145 GANSON STREET	NY UST		TP
A8	G W BURNETT	145 GANSON STREET	NY LTANKS, NY Spills		TP
A9	GEORGE W. BURNETT IN	145 GANSON STREET	NY AST		TP
A10	WARGO ENTERPRISES	189-191 GANSON STREE	NY SWF/LF		TP
A11	ADM MILLING CO	250 GANSON ST	SEMS, RCRA-CESQG, US AIRS, FINDS, ECHO, NJ...	Higher	1 ft.
A12	INDUSTRIAL SITE	250 GANSON STREET	NY Spills	Higher	1 ft.
A13	250 GANSON ST - TO P	250 GANSON ST - TO P	NY Spills	Higher	1 ft.
A14	ROADWAY	250 GANSON ST	NY Spills	Higher	1 ft.
A15	ADM MILLING COMPANY	250 GANSON ST	NY Spills, NY SPDES	Higher	1 ft.
A16	PILLSBURY CO	250 GANSON ST	PA MANIFEST	Higher	1 ft.
A17	TRAIN TRACKS	250 GANSON ST	NY Spills	Higher	1 ft.
18	CONSTRUCTION SITE	95 GANSON ST	NY Spills	Higher	141, 0.027, SSE
19	CORNELL LEAD CO.	CORNER OF OAK AND CL	NY HSWDS	Lower	297, 0.056, South
B20	ADM PLANT	250-259 GANSON STREE	NY Spills	Lower	405, 0.077, NNW
B21	BUFFALO INDUSTRIAL D	201 GANSON STREET	NY Spills	Lower	427, 0.081, NNW
B22	METSO (NORDBERG) NO	201 GANSON STREET	ABANDONED MINES	Lower	427, 0.081, NNW
B23	USEPA BUFFALO RIVER	201 GANSON ST	RCRA-LQG, FINDS, ECHO	Lower	427, 0.081, NNW
B24	COWPER SIEGFRIED CO.	201 GANSON ST.	NY UST	Lower	427, 0.081, NNW
B25	USEPA BUFFALO RIVER	201 GANSON ST	NY MANIFEST	Lower	427, 0.081, NNW
C26	BOUTELL SERVICE CO T	485 OHIO ST	EDR Hist Auto	Lower	466, 0.088, East
C27	SAMS TRUCK & TOURIST	511 OHIO ST	EDR Hist Auto	Lower	468, 0.089, ESE
C28	NIAGARA MOHAWK POLE	511 OHIO STREET	NY Spills	Lower	468, 0.089, ESE
C29	TUG BOAT	511 OHIO ST	NY Spills	Lower	468, 0.089, ESE
B30	RAIL ROAD TRACK	211 GANSON STREET	NY Spills	Lower	494, 0.094, NNW
D31	GREAT LAKES PAPER FI	441 OHIO STREET	NY SWRCY, NY Spills	Lower	509, 0.096, ENE
E32	EXCAVATION	OHIO ST @ ST CLAIR	NY Spills	Lower	540, 0.102, ESE
E33	IN INTERSECTION	LOUISIANA ST. @ OHIO	NY Spills	Lower	540, 0.102, ESE
E34	PILLSBURY BUFFALO EL	1 ST CLAIR ST	RCRA NonGen / NLR	Lower	557, 0.105, ESE
D35	EXCAVATION	OHIO AND SOUTH ST	NY Spills	Lower	558, 0.106, NE
E36	BUFFALO DOPW - OHIO	547 OHIO ST	NY MANIFEST	Lower	579, 0.110, SE
E37	OHIO STREET LIFT BRI	OHIO STREET LIFT BRI	RCRA-LQG	Lower	579, 0.110, SE
C38	BLACKMAN HAROLD G FI	68 LOUISIANA ST	EDR Hist Auto	Lower	583, 0.110, East
C39	BLUE & WHITE SERVICE	70 LOUISIANA ST	EDR Hist Auto	Lower	587, 0.111, East

MAPPED SITES SUMMARY

Target Property Address:
145 GANSON STREET
BUFFALO, NY 14203

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
40	KINARY & WOLINSKI FI	411 OHIO ST	EDR Hist Auto	Lower	595, 0.113, NE
D41	DEC PARKING AREA	411 TO 425 OHIO STRE	NY Spills	Lower	597, 0.113, NE
F42	BUFFALO FIRE HOUSE #	GANSON STREET	NY LTANKS	Higher	665, 0.126, SSE
F43	BUFFALO FIRE DEPT EN	30 GANSON ST	RCRA-SQG, NY MANIFEST	Higher	742, 0.141, SSE
D44	441 OHIO STREET SITE	9 SOUTH STREET	NY ENG CONTROLS, NY INST CONTROL, NY BROWNFIELDS	Lower	744, 0.141, ENE
45	399 OHIO STREET SITE	399 OHIO STREET	NY BROWNFIELDS	Lower	778, 0.147, NNE
G46	LAFARGE NORTH AMERIC	575 OHIO ST	RCRA NonGen / NLR, NY MANIFEST	Lower	874, 0.166, SE
G47	NIAGARA MOHAWK A NAT	768 OHIO ST & GANSON	RCRA NonGen / NLR, FINDS, ECHO	Lower	996, 0.189, SSE
H48	SAM'S TRUCK STOP #11	300 OHIO ST	NY LTANKS, NY UST, NY AST, NY ENG CONTROLS, NY...	Lower	1042, 0.197, NNE
H49	BULKMATIC TRANSPORT	301 OHIO STREET	NY AST	Lower	1066, 0.202, North
I50	NYSDEC - LEHIGH IND	31 SOUTH ST	NY MANIFEST	Lower	1074, 0.203, ENE
I51	LEHIGH INDUSTRIAL PA	31 SOUTH ST	NY SHWS, NY ENG CONTROLS, NY INST CONTROL, RCRA...	Lower	1074, 0.203, ENE
J52	DINAIRE CORP	601 OHIO ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	1116, 0.211, SSE
J53	STATION 17	600 OHIO ST	NY Spills, RCRA NonGen / NLR, FINDS, ECHO, NY...	Lower	1153, 0.218, SSE
54	GELINMAC STORAGE COR	60 CHILD STREET	NY CBS, NY CBS AST	Lower	1176, 0.223, SE
55	CONCRETE DELIVERY CO	751 FUHRMANN BLVD	NY UST	Higher	1239, 0.235, South
K56	WEST RIVER TRUCKING	333 GANSON ST	TX Ind. Haz Waste	Lower	1256, 0.238, North
K57	WEST RIVER TRUCKING	333 GANSON ST	NY SWF/LF, NY SWTIRE, RCRA NonGen / NLR, NY...	Lower	1256, 0.238, North
K58	WEST RIVER TRUCKING	333 GANSON ST	RCRA NonGen / NLR, FINDS, ECHO	Lower	1256, 0.238, North
K59	ONTARIO SPECIALITY C	333 GANSON STREET	NY AST	Lower	1256, 0.238, North
K60	ONTARIO SPECIALTY CO	333 GANSON ST	RCRA-CESQG, NY Spills, NY MANIFEST	Lower	1256, 0.238, North
K61	ENVIRONMENTAL ABATEM	333 GANSON ST	RCRA NonGen / NLR	Lower	1256, 0.238, North
62	BUFFALO SOAP CORPORA	225 LOUISIANA STREET	NY CBS, NY CBS AST, NY Spills	Lower	1295, 0.245, NE
63	CONAGRA INC	87 CHILDS ST	RCRA NonGen / NLR, US AIRS, FINDS, ECHO	Lower	1304, 0.247, SE
L64	PUSH BUFFALO	660 OHIO ST	NY SWF/LF	Lower	1582, 0.300, SSE
L65	RIGIDIZED METALS	658 OHIO STREET	NY LTANKS	Lower	1653, 0.313, SSE
66	RAMCOL FIBRES INC.	226 OHIO STREET	NY LTANKS, NY SWRCY, NY Spills	Lower	1736, 0.329, North
67	COYNE TEXTILE SERVIC	21 MOORE ST	NY LTANKS, NY UST, NY AST, RCRA NonGen / NLR,...	Higher	1982, 0.375, North
M68	NFTA TRAIN TERMINAL	164 OHIO AT MICHIGAN	NY LTANKS	Lower	2032, 0.385, North
M69	FRANKLIN TRUCKING	212 OHIO STREET	NY LTANKS, NY Spills	Lower	2064, 0.391, North
N70	VALSPAR CORP	710 OHIO ST SITE A	NY LTANKS, NY CBS, NY INST CONTROL, NY VCP, NY...	Lower	2086, 0.395, SSE
N71	KELLY ISLAND	724 OHIO STREET	NY SHWS	Lower	2126, 0.403, SSE
O72	BUFFALO OUTER HARBOR	901 FUHRMANN BOULEVA	NY SHWS	Lower	2281, 0.432, SSW
O73	LAKESIDE WAREHOUSE "	901 FUHRMAN BLVD	NY LTANKS, NY CBS, NY Spills	Lower	2281, 0.432, SSW
O74	NIAGARA FRONTIER POR	910 FUHRMAN BLVD	SEMS-ARCHIVE, NY ENG CONTROLS, NY INST CONTROL, NY...	Lower	2281, 0.432, SSW
O75	FMC CORP	901 FUHRMANN BLVD	SEMS-ARCHIVE	Lower	2281, 0.432, SSW
76	PS #4	425 SOUTH PARK	NY LTANKS	Lower	2539, 0.481, NNE
77	ADVANCE METALS RECYC	776 OHIO ST	NY SWF/LF, NY Spills, RCRA NonGen / NLR, ICIS, US...	Higher	2631, 0.498, SSE
78	SAFETY-KLEEN SYSTEMS	60 KATHERINE ST	CORRACTS, RCRA-SQG, TRIS	Lower	2767, 0.524, ESE

MAPPED SITES SUMMARY

Target Property Address:
145 GANSON STREET
BUFFALO, NY 14203

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
79	MOLLENBERG-BETZ	300 SCOTT STREET	NY SHWS, NY HSWDS	Higher	3560, 0.674, NNE
80	189 TONAWANDA ST COR	51 PERRY ST	CORRACTS, RCRA NonGen / NLR, 2020 COR ACTION	Higher	3951, 0.748, NNW
81	W & F MFG CO INC	251 SENECA ST	CORRACTS, NY Spills, RCRA NonGen / NLR, RAATS, NY...	Higher	4671, 0.885, North

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
WARGO ENTERPRISES AT 189 GANSON ST BUFFALO, NY 14203	FINDS Registry ID:: 110055293793	N/A
GEORGE W BURNETT INC 191 GANSON ST BUFFALO, NY 14203	NY LTANKS Date Closed: 1997-06-20 Site ID: 194834 Program Number: 9611387 NY UST Database: UST, Date of Government Version: 09/25/2018 NY AST Database: AST, Date of Government Version: 09/25/2018 Facility Id: 9-014621 NY Spills Date Closed: 1995-10-26 Spill Number: 9501488 Site ID: 194833	N/A
WARGO ENTERPRISES 189-191 GANSON STREE BUFFALO, NY	NY RGA LF	N/A
RAILROAD CROSSING/ G 191 GANSON ST. BUFFALO, NY 14203	NY Spills Date Closed: 2016-02-02 Spill Number: 1505539 Site ID: 512905	N/A
TRACTOR TRAILER ACCI 191 GANSON ST BUFFALO, NY 14203	NY Spills Date Closed: 2015-08-24 Spill Number: 1505541 Site ID: 512907	N/A
WASTE MGMT OF NY DOW 191 GANSON ST BUFFALO, NY 14203	RCRA NonGen / NLR EPA ID:: NYD074025347 FINDS Registry ID:: 110004368201 ECHO Registry ID: 110004368201	NYD074025347
GEORGE W. BURNETT IN 145 GANSON STREET BUFFALO, NY 14203	NY UST Database: UST, Date of Government Version: 09/25/2018	N/A

G W BURNETT 145 GANSON STREET BUFFALO, NY	NY LTANKS Date Closed: 1988-01-04 Site ID: 246862 Program Number: 8708580 NY Spills Date Closed: 1995-05-12 Spill Number: 9501905 Site ID: 246863	N/A
GEORGE W. BURNETT IN 145 GANSON STREET BUFFALO, NY 14203	NY AST Database: AST, Date of Government Version: 09/25/2018 Facility Id: 9-421227	N/A
WARGO ENTERPRISES 189-191 GANSON STREE BUFFALO, NY 14203	NY SWF/LF	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System

US ENG CONTROLS Engineering Controls Sites List
US INST CONTROL Sites with Institutional Controls

Federal ERNS list

ERNS Emergency Response Notification System

State and tribal leaking storage tank lists

INDIAN LUST Leaking Underground Storage Tanks on Indian Land
NY HIST LTANKS Listing of Leaking Storage Tanks

State and tribal registered storage tank lists

FEMA UST Underground Storage Tank Listing
NY CBS UST Chemical Bulk Storage Database
NY MOSF UST Major Oil Storage Facilities Database
NY MOSF Major Oil Storage Facility Site Listing
NY MOSF AST Major Oil Storage Facilities Database
INDIAN UST Underground Storage Tanks on Indian Land
NY TANKS Storage Tank Faciliy Listing

State and tribal institutional control / engineering control registries

NY RES DECL Restrictive Declarations Listing

State and tribal voluntary cleanup sites

INDIAN VCP Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

NY ERP Environmental Restoration Program Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI Report on the Status of Open Dumps on Indian Lands
ODI Open Dump Inventory
DEBRIS REGION 9 Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL Delisted National Clandestine Laboratory Register
NY DEL SHWS Delisted Registry Sites
US CDL National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

NY HIST UST Historical Petroleum Bulk Storage Database

NY HIST AST - Historical Petroleum Bulk Storage Database

Local Land Records

NY LIENS - Spill Liens Information
LIENS 2 - CERCLA Lien Information

Records of Emergency Release Reports

HMIRS - Hazardous Materials Information Reporting System
NY Hist Spills - SPILLS Database
NY SPILLS 90 - SPILLS 90 data from FirstSearch
NY SPILLS 80 - SPILLS 80 data from FirstSearch

Other Ascertainable Records

FUDS - Formerly Used Defense Sites
DOD - Department of Defense Sites
SCRD DRYCLEANERS - State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR - Financial Assurance Information
EPA WATCH LIST - EPA WATCH LIST
TSCA - Toxic Substances Control Act
SSTS - Section 7 Tracking Systems
ROD - Records Of Decision
RMP - Risk Management Plans
PRP - Potentially Responsible Parties
PADS - PCB Activity Database System
FTTS - FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS - Material Licensing Tracking System
COAL ASH DOE - Steam-Electric Plant Operation Data
COAL ASH EPA - Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER - PCB Transformer Registration Database
RADINFO - Radiation Information Database
HIST FTTS - FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS - Incident and Accident Data
CONSENT - Superfund (CERCLA) Consent Decrees
INDIAN RESERV - Indian Reservations
FUSRAP - Formerly Utilized Sites Remedial Action Program
UMTRA - Uranium Mill Tailings Sites
LEAD SMELTERS - Lead Smelter Sites
US MINES - Mines Master Index File
UXO - Unexploded Ordnance Sites
DOCKET HWC - Hazardous Waste Compliance Docket Listing
FUELS PROGRAM - EPA Fuels Program Registered Listing
NY AIRS - Air Emissions Data
NY COAL ASH - Coal Ash Disposal Site Listing
NY DRYCLEANERS - Registered Drycleaners
NY E DESIGNATION - E DESIGNATION SITE LISTING
NY Financial Assurance - Financial Assurance Information Listing
NY VAPOR REOPENED - Vapor Intrusion Legacy Site List
NY UIC - Underground Injection Control Wells
NY COOLING TOWERS - Registered Cooling Towers

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP - EDR Proprietary Manufactured Gas Plants

EXECUTIVE SUMMARY

EDR Hist Cleaner..... EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

NY RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 07/17/2018 has revealed that there is 1 SEMS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ADM MILLING CO	***250 GANSON ST***	***0 - 1/8 (0.000 mi.)***	***A11***	***29***

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has

determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 07/17/2018 has revealed that there are 2 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NIAGARA FRONTIER POR Site ID: 0201256 EPA Id: NYD000514000	***910 FUHRMAN BLVD***	***SSW 1/4 - 1/2 (0.432 mi.)***	***O74***	***357***
FMC CORP Site ID: 0201212 EPA Id: NYD000512061	901 FUHRMANN BLVD	SSW 1/4 - 1/2 (0.432 mi.)	O75	380

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/01/2018 has revealed that there are 3 CORRACTS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
189 TONAWANDA ST COR EPA ID:: NYD980526818	***51 PERRY ST***	***NNW 1/2 - 1 (0.748 mi.)***	***80***	***410***
W & F MFG CO INC EPA ID:: NYD002100121	***251 SENECA ST***	***N 1/2 - 1 (0.885 mi.)***	***81***	***415***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SAFETY-KLEEN SYSTEMS EPA ID:: NYD980593842	***60 KATHERINE ST***	***ESE 1/2 - 1 (0.524 mi.)***	***78***	***401***

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/01/2018 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
USEPA BUFFALO RIVER EPA ID:: NYD986894418	***201 GANSON ST***	***NNW 0 - 1/8 (0.081 mi.)***	***B23***	***62***
OHIO STREET LIFT BRI EPA ID:: NYR000166728	OHIO STREET LIFT BRI	SE 0 - 1/8 (0.110 mi.)	E37	86

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/01/2018 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BUFFALO FIRE DEPT EN EPA ID:: NYR000145748	***30 GANSON ST***	***SSE 1/8 - 1/4 (0.141 mi.)***	***F43***	***91***

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/01/2018 has revealed that there are 2 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ADM MILLING CO EPA ID:: NYD002108579	***250 GANSON ST***	***0 - 1/8 (0.000 mi.)***	***A11***	***29***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ONTARIO SPECIALTY CO EPA ID:: NYD986887933	***333 GANSON ST***	***N 1/8 - 1/4 (0.238 mi.)***	***K60***	***254***

State- and tribal - equivalent CERCLIS

NY SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Conservation's Inactive Hazardous waste Disposal Sites in New York State.

A review of the NY SHWS list, as provided by EDR, and dated 08/09/2018 has revealed that there are 4

NY SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MOLLENBERG-BETZ	***300 SCOTT STREET***	***NNE 1/2 - 1 (0.674 mi.)***	***79***	***407***
Site Code: 56563				

Lower Elevation	Address	Direction / Distance	Map ID	Page
LEHIGH INDUSTRIAL PA	***31 SOUTH ST***	***ENE 1/8 - 1/4 (0.203 mi.)***	***I51***	***209***
Site Code: 58198				
Class Code: Site is properly closed - requires continued management.				
KELLY ISLAND	724 OHIO STREET	SSE 1/4 - 1/2 (0.403 mi.)	N71	349
Site Code: 56606				
BUFFALO OUTER HARBOR	901 FUHRMANN BOULEVA	SSW 1/4 - 1/2 (0.432 mi.)	O72	350
Site Code: 56556				
Class Code: Site is properly closed - requires continued management.				

State and tribal landfill and/or solid waste disposal site lists

NY SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the NY SWF/LF list, as provided by EDR, and dated 12/08/2017 has revealed that there are 3 NY SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ADVANCE METALS RECYC	***776 OHIO ST***	***SSE 1/4 - 1/2 (0.498 mi.)***	***77***	***383***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEST RIVER TRUCKING	***333 GANSON ST***	***N 1/8 - 1/4 (0.238 mi.)***	***K57***	***242***
PUSH BUFFALO	660 OHIO ST	SSE 1/4 - 1/2 (0.300 mi.)	L64	274

State and tribal leaking storage tank lists

NY LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the NY LTANKS list, as provided by EDR, and dated 10/16/2018 has revealed that there are 10 NY LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BUFFALO FIRE HOUSE #	GANSON STREET	SSE 1/8 - 1/4 (0.126 mi.)	F42	90
Date Closed: 2000-05-30				
Site ID: 217462				
Program Number: 9913503				
COYNE TEXTILE SERVIC	***21 MOORE ST***	***N 1/4 - 1/2 (0.375 mi.)***	***67***	***279***

Date Closed: 1999-07-22
Site ID: 177637
Program Number: 9875278

Lower Elevation	Address	Direction / Distance	Map ID	Page
SAM'S TRUCK STOP #11	***300 OHIO ST***	***NNE 1/8 - 1/4 (0.197 mi.)***	***H48***	***129***
Date Closed: 1991-07-24 Date Closed: 1996-09-24 Date Closed: 1992-07-09 Date Closed: 1993-08-09 Date Closed: 1997-01-22 **Additional key fields are available in the Map Findings section* Site ID: 184256 Site ID: 184257 Site ID: 184258 Site ID: 184259 Site ID: 184261 **Additional key fields are available in the Map Findings section* Program Number: 9009917 Program Number: 9104400 Program Number: 9110763 Program Number: 9302663 Program Number: 9510010 **Additional key fields are available in the Map Findings section*				
RIGIDIZED METALS Date Closed: 1997-11-14 Site ID: 103485 Program Number: 9707392	658 OHIO STREET	SSE 1/4 - 1/2 (0.313 mi.)	L65	275
RAMCOL FIBRES INC. Date Closed: 1994-10-17 Site ID: 192800 Program Number: 9309288	***226 OHIO STREET***	***N 1/4 - 1/2 (0.329 mi.)***	***66***	***276***
NFTA TRAIN TERMINAL Date Closed: 1996-09-25 Site ID: 191168 Program Number: 9512605	164 OHIO AT MICHIGAN	N 1/4 - 1/2 (0.385 mi.)	M68	297
FRANKLIN TRUCKING Date Closed: 1996-05-24 Site ID: 108705 Program Number: 9307816	***212 OHIO STREET***	***N 1/4 - 1/2 (0.391 mi.)***	***M69***	***299***
VALSPAR CORP Date Closed: 1993-01-15 Date Closed: 1993-05-17 Site ID: 296057 Site ID: 296058 Program Number: 9106398 Program Number: 9212797	***710 OHIO ST SITE A***	***SSE 1/4 - 1/2 (0.395 mi.)***	***N70***	***303***
LAKESIDE WAREHOUSE " Date Closed: 1989-07-24 Site ID: 120549 Program Number: 8707963	***901 FUHRMAN BLVD***	***SSW 1/4 - 1/2 (0.432 mi.)***	***O73***	***352***
PS #4	425 SOUTH PARK	NNE 1/4 - 1/2 (0.481 mi.)	76	381

Date Closed: 2007-02-21
Site ID: 369542
Program Number: 0650887

State and tribal registered storage tank lists

NY UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the NY UST list, as provided by EDR, has revealed that there are 3 NY UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CONCRETE DELIVERY CO Database: UST, Date of Government Version: 09/25/2018	751 FUHRMANN BLVD	S 1/8 - 1/4 (0.235 mi.)	55	236

Lower Elevation	Address	Direction / Distance	Map ID	Page
COWPER SIEGFRIED CO. Database: UST, Date of Government Version: 09/25/2018	201 GANSON ST.	NNW 0 - 1/8 (0.081 mi.)	B24	65
SAM'S TRUCK STOP #11 Database: UST, Date of Government Version: 09/25/2018	***300 OHIO ST***	***NNE 1/8 - 1/4 (0.197 mi.)***	***H48***	***129***

NY CBS: These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

A review of the NY CBS list, as provided by EDR, and dated 09/25/2018 has revealed that there are 2 NY CBS sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GELINMAC STORAGE COR Facility Status: Unregulated/Closed CBS Number: 9-000384	***60 CHILD STREET***	***SE 1/8 - 1/4 (0.223 mi.)***	***54***	***234***
BUFFALO SOAP CORPORA Facility Status: Unregulated/Closed CBS Number: 9-000112	***225 LOUISIANA STREET***	***NE 1/8 - 1/4 (0.245 mi.)***	***62***	***261***

NY AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the NY AST list, as provided by EDR, has revealed that there are 3 NY AST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SAM'S TRUCK STOP #11 Database: AST, Date of Government Version: 09/25/2018	***300 OHIO ST***	***NNE 1/8 - 1/4 (0.197 mi.)***	***H48***	***129***

Facility Id: 9-383511

BULKMATIC TRANSPORT Database: AST, Date of Government Version: 09/25/2018 Facility Id: 9-600347	301 OHIO STREET	N 1/8 - 1/4 (0.202 mi.)	H49	205
ONTARIO SPECIALITY C Database: AST, Date of Government Version: 09/25/2018 Facility Id: 9-601082	333 GANSON STREET	N 1/8 - 1/4 (0.238 mi.)	K59	250

NY CBS AST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the NY CBS AST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 2 NY CBS AST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GELINMAC STORAGE COR Facility Status: 2 Facility Status: 1 CBS Number: 9-000384	***60 CHILD STREET***	***SE 1/8 - 1/4 (0.223 mi.)***	***54***	***234***
BUFFALO SOAP CORPORA Facility Status: 2 Facility Status: 1 CBS Number: 9-000112	***225 LOUISIANA STREET***	***NE 1/8 - 1/4 (0.245 mi.)***	***62***	***261***

State and tribal institutional control / engineering control registries

NY ENG CONTROLS: Environmental Remediation sites that have engineering controls in place.

A review of the NY ENG CONTROLS list, as provided by EDR, and dated 08/09/2018 has revealed that there are 4 NY ENG CONTROLS sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
441 OHIO STREET SITE Site Code: 491163	***9 SOUTH STREET***	***ENE 1/8 - 1/4 (0.141 mi.)***	***D44***	***94***
SAM'S TRUCK STOP #11 Site Code: 451883	***300 OHIO ST***	***NNE 1/8 - 1/4 (0.197 mi.)***	***H48***	***129***
LEHIGH INDUSTRIAL PA Site Code: 58198	***31 SOUTH ST***	***ENE 1/8 - 1/4 (0.203 mi.)***	***I51***	***209***
NIAGARA FRONTIER POR Site Code: 56556	***910 FUHRMAN BLVD***	***SSW 1/4 - 1/2 (0.432 mi.)***	***O74***	***357***

Environmental Remediation sites that have institutional controls in place.

A review of the NY INST CONTROL list, as provided by EDR, and dated 08/09/2018 has revealed that there are 5 NY INST CONTROL sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
441 OHIO STREET SITE Site Code: 491163	***9 SOUTH STREET***	***ENE 1/8 - 1/4 (0.141 mi.)***	***D44***	***94***
SAM'S TRUCK STOP #11 Site Code: 451883	***300 OHIO ST***	***NNE 1/8 - 1/4 (0.197 mi.)***	***H48***	***129***
LEHIGH INDUSTRIAL PA Site Code: 58198	***31 SOUTH ST***	***ENE 1/8 - 1/4 (0.203 mi.)***	***I51***	***209***
VALSPAR CORP Site Code: 56884	***710 OHIO ST SITE A***	***SSE 1/4 - 1/2 (0.395 mi.)***	***N70***	***303***
NIAGARA FRONTIER POR Site Code: 56556	***910 FUHRMAN BLVD***	***SSW 1/4 - 1/2 (0.432 mi.)***	***O74***	***357***

State and tribal voluntary cleanup sites

NY VCP: Voluntary Cleanup Agreements. The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

A review of the NY VCP list, as provided by EDR, has revealed that there is 1 NY VCP site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
VALSPAR CORP Database: VCP, Date of Government Version: 08/09/2018 Site Code: 56884	***710 OHIO ST SITE A***	***SSE 1/4 - 1/2 (0.395 mi.)***	***N70***	***303***

State and tribal Brownfields sites

NY BROWNFIELDS: Brownfields Site List

A review of the NY BROWNFIELDS list, as provided by EDR, and dated 08/09/2018 has revealed that there are 3 NY BROWNFIELDS sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
441 OHIO STREET SITE Site Code: 491163	***9 SOUTH STREET***	***ENE 1/8 - 1/4 (0.141 mi.)***	***D44***	***94***
399 OHIO STREET SITE Site Code: 494341	399 OHIO STREET	NNE 1/8 - 1/4 (0.147 mi.)	45	122
SAM'S TRUCK STOP #11 Site Code: 451883	***300 OHIO ST***	***NNE 1/8 - 1/4 (0.197 mi.)***	***H48***	***129***

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

Registered Recycling Facility List from the Department of Environmental Conservation.

A review of the NY SWRCY list, as provided by EDR, and dated 12/08/2017 has revealed that there are 2 NY SWRCY sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GREAT LAKES PAPER FI	***441 OHIO STREET***	***ENE 0 - 1/8 (0.096 mi.)***	***D31***	***74***
RAMCOL FIBRES INC.	***226 OHIO STREET***	***N 1/4 - 1/2 (0.329 mi.)***	***66***	***276***

NY SWTIRE: Registered Waste Tire Storage & Facility List from the Department of Environmental Conservation.

A review of the NY SWTIRE list, as provided by EDR, and dated 02/27/2018 has revealed that there is 1 NY SWTIRE site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEST RIVER TRUCKING	***333 GANSON ST***	***N 1/8 - 1/4 (0.238 mi.)***	***K57***	***242***

Records of Emergency Release Reports

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 10/16/2018 has revealed that there are 16 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
INDUSTRIAL SITE Date Closed: 2016-09-20 Spill Number: 1604885 Site ID: 531411	250 GANSON STREET	0 - 1/8 (0.000 mi.)	A12	43
250 GANSON ST - TO P Date Closed: 2009-11-17 Spill Number: 0909202 Site ID: 421879	250 GANSON ST - TO P	0 - 1/8 (0.000 mi.)	A13	44
ROADWAY Date Closed: 2016-09-20 Spill Number: 1603806 Site ID: 530288	250 GANSON ST	0 - 1/8 (0.000 mi.)	A14	45
ADM MILLING COMPANY Date Closed: 2004-09-22 Date Closed: 2008-09-23 Date Closed: 2014-08-27	***250 GANSON ST***	***0 - 1/8 (0.000 mi.)***	***A15***	***47***

Date Closed: 2012-01-18 Spill Number: 0404470 Spill Number: 0807061 Spill Number: 1405741 Spill Number: 1112111 Site ID: 287177 Site ID: 404377 Site ID: 499178 Site ID: 460038				
TRAIN TRACKS Date Closed: 2015-10-13 Spill Number: 1503176 Site ID: 509467	250 GANSON ST	0 - 1/8 (0.000 mi.)	A17	53
CONSTRUCTION SITE Date Closed: 2018-04-04 Spill Number: 1800067 Site ID: 568547	95 GANSON ST	SSE 0 - 1/8 (0.027 mi.)	18	54

Lower Elevation	Address	Direction / Distance	Map ID	Page
ADM PLANT Date Closed: 1998-05-19 Spill Number: 9714108 Site ID: 282820	250-259 GANSON STREE	NNW 0 - 1/8 (0.077 mi.)	B20	57
BUFFALO INDUSTRIAL D Date Closed: 2002-01-12 Date Closed: 2003-04-17 Spill Number: 0175467 Spill Number: 0175122 Site ID: 124854 Site ID: 329194	201 GANSON STREET	NNW 0 - 1/8 (0.081 mi.)	B21	58
NIAGARA MOHAWK POLE Date Closed: 1998-01-16 Date Closed: 2003-07-08 Spill Number: 9711622 Spill Number: 0303582 Site ID: 223144 Site ID: 169278	511 OHIO STREET	ESE 0 - 1/8 (0.089 mi.)	C28	70
TUG BOAT Date Closed: 2018-05-14 Spill Number: 1801660 Site ID: 570200	511 OHIO ST	ESE 0 - 1/8 (0.089 mi.)	C29	72
RAIL ROAD TRACK Date Closed: 2016-02-11 Spill Number: 1507396 Site ID: 514878	211 GANSON STREET	NNW 0 - 1/8 (0.094 mi.)	B30	73
GREAT LAKES PAPER FI Date Closed: 2001-10-01 Date Closed: 1993-11-19 Date Closed: 1993-11-10 Spill Number: 0104509 Spill Number: 9309692	***441 OHIO STREET***	***ENE 0 - 1/8 (0.096 mi.)***	***D31***	***74***

Spill Number: 9310273 Site ID: 198704 Site ID: 138028 Site ID: 138029				
EXCAVATION Date Closed: 2014-10-03 Spill Number: 1402338 Site ID: 495660	OHIO ST @ ST CLAIR	ESE 0 - 1/8 (0.102 mi.)	E32	78
IN INTERSECTION Date Closed: 2010-01-13 Spill Number: 0909200 Site ID: 421877	LOUISIANA ST. @ OHIO	ESE 0 - 1/8 (0.102 mi.)	E33	79
EXCAVATION Date Closed: 2014-10-03 Spill Number: 1400805 Site ID: 494055	OHIO AND SOUTH ST	NE 0 - 1/8 (0.106 mi.)	D35	82
DEC PARKING AREA Date Closed: 2015-01-15 Spill Number: 1407107 Site ID: 500606	411 TO 425 OHIO STRE	NE 0 - 1/8 (0.113 mi.)	D41	89

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/01/2018 has revealed that there are 10 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PILLSBURY BUFFALO EL EPA ID:: NYD981132616	1 ST CLAIR ST	ESE 0 - 1/8 (0.105 mi.)	E34	80
LAFARGE NORTH AMERIC EPA ID:: NYR000104166	***575 OHIO ST***	***SE 1/8 - 1/4 (0.166 mi.)***	***G46***	***125***
NIAGARA MOHAWK A NAT EPA ID:: NYP000972562	***768 OHIO ST & GANSON***	***SSE 1/8 - 1/4 (0.189 mi.)***	***G47***	***128***
LEHIGH INDUSTRIAL PA EPA ID:: NYD986967156	***31 SOUTH ST***	***ENE 1/8 - 1/4 (0.203 mi.)***	***I51***	***209***
DINAIRE CORP EPA ID:: NYD002107183	***601 OHIO ST***	***SSE 1/8 - 1/4 (0.211 mi.)***	***J52***	***223***
STATION 17 EPA ID:: NYD980783187	***600 OHIO ST***	***SSE 1/8 - 1/4 (0.218 mi.)***	***J53***	***228***
WEST RIVER TRUCKING EPA ID:: NYD980787667	***333 GANSON ST***	***N 1/8 - 1/4 (0.238 mi.)***	***K57***	***242***
WEST RIVER TRUCKING	***333 GANSON ST***	***N 1/8 - 1/4 (0.238 mi.)***	***K58***	***247***

EPA ID:: NYD981087232				
ENVIRONMENTAL ABATEM EPA ID:: NYD021909155	333 GANSON ST	N 1/8 - 1/4 (0.238 mi.)	K61	259
CONAGRA INC EPA ID:: NYD002124022	***87 CHILDS ST***	***SE 1/8 - 1/4 (0.247 mi.)***	***63***	***265***

ABANDONED MINES: An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

A review of the ABANDONED MINES list, as provided by EDR, and dated 09/10/2018 has revealed that there is 1 ABANDONED MINES site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
METSO (NORDBERG) NO	201 GANSON STREET	NNW 0 - 1/8 (0.081 mi.)	B22	62

NY HSWDS: The List includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity The latest version of the study is frozen in time. The sites on the study will not automatically be made superfund sites, rather each site will be further evaluated for listing in the registry. So overtime they will be added to the registry or not.

A review of the NY HSWDS list, as provided by EDR, and dated 01/01/2003 has revealed that there is 1 NY HSWDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CORNELL LEAD CO.	CORNER OF OAK AND CL	S 0 - 1/8 (0.056 mi.)	19	55

TX Ind. Haz Waste: The Industrial and Hazardous Waste Database contains summary reports by waste handlers, generators and shippers in Texas.

A review of the TX Ind. Haz Waste list, as provided by EDR, and dated 07/06/2018 has revealed that there is 1 TX Ind. Haz Waste site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEST RIVER TRUCKING Registration Number: 40697	333 GANSON ST	N 1/8 - 1/4 (0.238 mi.)	K56	240

EXECUTIVE SUMMARY

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 07/01/2018 has revealed that there are 10 NY MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ADM MILLING CO EPA ID: NYD002108579	***250 GANSON ST***	***0 - 1/8 (0.000 mi.)***	***A11***	***29***
BUFFALO FIRE DEPT EN EPA ID: NYR000145748	***30 GANSON ST***	***SSE 1/8 - 1/4 (0.141 mi.)***	***F43***	***91***

Lower Elevation	Address	Direction / Distance	Map ID	Page
USEPA BUFFALO RIVER EPA ID: NYD986894418	201 GANSON ST	NNW 0 - 1/8 (0.081 mi.)	B25	67
BUFFALO DOPW - OHIO EPA ID: NYR000166728	547 OHIO ST	SE 0 - 1/8 (0.110 mi.)	E36	84
LAFARGE NORTH AMERIC EPA ID: NYR000104166	***575 OHIO ST***	***SE 1/8 - 1/4 (0.166 mi.)***	***G46***	***125***
NYSDEC - LEHIGH IND EPA ID: NYD986967156	31 SOUTH ST	ENE 1/8 - 1/4 (0.203 mi.)	I50	208
DINAIRE CORP EPA ID: NYD002107183	***601 OHIO ST***	***SSE 1/8 - 1/4 (0.211 mi.)***	***J52***	***223***
STATION 17 EPA ID: NYD980783187	***600 OHIO ST***	***SSE 1/8 - 1/4 (0.218 mi.)***	***J53***	***228***
WEST RIVER TRUCKING EPA ID: NYD980787667	***333 GANSON ST***	***N 1/8 - 1/4 (0.238 mi.)***	***K57***	***242***
ONTARIO SPECIALTY CO EPA ID: NYD986887933	***333 GANSON ST***	***N 1/8 - 1/4 (0.238 mi.)***	***K60***	***254***

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 12/31/2016 has revealed that there is 1 PA MANIFEST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PILLSBURY CO Generator EPA Id: NYD002108579	250 GANSON ST	0 - 1/8 (0.000 mi.)	A16	52

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 12/31/2017 has revealed that there is 1 NJ MANIFEST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ADM MILLING CO EPA Id: NYD002108579	***250 GANSON ST***	***0 - 1/8 (0.000 mi.)***	***A11***	***29***

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 5 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BOUTELL SERVICE CO T	485 OHIO ST	E 0 - 1/8 (0.088 mi.)	C26	69
SAMS TRUCK & TOURIST	511 OHIO ST	ESE 0 - 1/8 (0.089 mi.)	C27	69
BLACKMAN HAROLD G FI	68 LOUISIANA ST	E 0 - 1/8 (0.110 mi.)	C38	88
BLUE & WHITE SERVICE	70 LOUISIANA ST	E 0 - 1/8 (0.111 mi.)	C39	88
KINARY & WOLINSKI FI	411 OHIO ST	NE 0 - 1/8 (0.113 mi.)	40	88

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 5 records.

Site Name	Database(s)
BUFFALO CITY-HOPKINS STREET LANDFI	NY SHWS
US STEEL - EASTERN LIMESTONE DIVIS	NY SHWS
ALLIED CHEMICAL-HOPKINS ST. SITE	NY SHWS
NEW BUFFALO INDUSTRIAL PARK	NY SHWS
TIMES BEACH DISPOSAL SITE	SEMS-ARCHIVE

OVERVIEW MAP - 5468527.2S



0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	145 Ganson Street Aka 127-191 Ganson Street	CLIENT:	TurnKey Environmental Restoration, LLC.
ADDRESS:	145 Ganson Street Buffalo NY 14203	CONTACT:	Chad Schuster
LAT/LONG:	42.863884 / 78.870465	INQUIRY #:	5468527.2s
		DATE:	October 30, 2018 9:38 am

Copyright © 2018 EDR, Inc. © 2015 TomTom Rel. 2015.

DETAIL MAP - 5468527.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 145 Ganson Street Aka 127-191 Ganson Street ADDRESS: 145 Ganson Street Buffalo NY 14203 LAT/LONG: 42.863884 / 78.870465	CLIENT: TurnKey Environmental Restoration, LLC. CONTACT: Chad Schuster INQUIRY #: 5468527.2s DATE: October 30, 2018 9:40 am

Copyright © 2018 EDR, Inc. © 2015 TomTom Rel. 2015.

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		1	0	0	NR	NR	1
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	2	NR	NR	2
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	3	NR	3
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		2	0	NR	NR	NR	2
RCRA-SQG	0.250		0	1	NR	NR	NR	1
RCRA-CESQG	0.250		1	1	NR	NR	NR	2
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
NY SHWS	1.000		0	1	2	1	NR	4
State and tribal landfill and/or solid waste disposal site lists								
NY SWF/LF	0.500	1	0	1	2	NR	NR	4
State and tribal leaking storage tank lists								
INDIAN LUST	0.500		0	0	0	NR	NR	0
NY LTANKS	0.500	2	0	2	8	NR	NR	12
NY HIST LTANKS	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY UST	0.250	2	1	2	NR	NR	NR	5
NY CBS UST	0.250		0	0	NR	NR	NR	0
NY MOSF UST	0.500		0	0	0	NR	NR	0
NY CBS	0.250		0	2	NR	NR	NR	2
NY MOSF	0.500		0	0	0	NR	NR	0
NY AST	0.250	2	0	3	NR	NR	NR	5
NY CBS AST	0.250		0	2	NR	NR	NR	2
NY MOSF AST	0.500		0	0	0	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
NY TANKS	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
NY RES DECL	0.125		0	NR	NR	NR	NR	0
NY ENG CONTROLS	0.500		0	3	1	NR	NR	4
NY INST CONTROL	0.500		0	3	2	NR	NR	5
State and tribal voluntary cleanup sites								
NY VCP	0.500		0	0	1	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
NY BROWNFIELDS	0.500		0	3	0	NR	NR	3
NY ERP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
NY SWRCY	0.500		1	0	1	NR	NR	2
NY SWTIRE	0.500		0	1	0	NR	NR	1
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
NY DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
NY HIST UST	0.250		0	0	NR	NR	NR	0
NY HIST AST	TP		NR	NR	NR	NR	NR	0
Local Land Records								
NY LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125	4	16	NR	NR	NR	NR	20
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		0	NR	NR	NR	NR	0
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250	1	1	9	NR	NR	NR	11
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		1	0	NR	NR	NR	1
FINDS	TP	2	NR	NR	NR	NR	NR	2
UXO	1.000		0	0	0	0	NR	0
ECHO	TP	1	NR	NR	NR	NR	NR	1
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
NY AIRS	TP		NR	NR	NR	NR	NR	0
NY COAL ASH	0.500		0	0	0	NR	NR	0
NY DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NY E DESIGNATION	0.125		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY Financial Assurance	TP		NR	NR	NR	NR	NR	0
NY HSWDS	0.500		1	0	0	NR	NR	1
TX Ind. Haz Waste	0.250		0	1	NR	NR	NR	1
NY MANIFEST	0.250		3	7	NR	NR	NR	10
PA MANIFEST	0.250		1	0	NR	NR	NR	1
NJ MANIFEST	0.250		1	0	NR	NR	NR	1
NY SPDES	TP		NR	NR	NR	NR	NR	0
NY VAPOR REOPENED	0.500		0	0	0	NR	NR	0
NY UIC	TP		NR	NR	NR	NR	NR	0
NY COOLING TOWERS	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		5	NR	NR	NR	NR	5
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
NY RGA HWS	TP		NR	NR	NR	NR	NR	0
NY RGA LF	TP	1	NR	NR	NR	NR	NR	1
- Totals --		16	35	42	19	4	0	116

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
Target Property
WARGO ENTERPRISES AT JOHN A. BAUER
189 GANSON ST
BUFFALO, NY 14203

FINDS **1016395559**
N/A

Site 1 of 17 in cluster A

Actual: 585 ft.

FINDS:

Registry ID: 110055293793

Environmental Interest/Information System
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

A2
Target Property
GEORGE W BURNETT INC
191 GANSON ST
BUFFALO, NY 14203

NY LTANKS **U003316362**
NY UST **N/A**
NY AST
NY Spills

Site 2 of 17 in cluster A

Actual: 585 ft.

LTANKS:

Facility ID:	9611387
Site ID:	194834
Closed Date:	1997-06-20
Spill Number:	9611387
Spill Date:	1996-12-16
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	1502
Investigator:	JFOTTO
Referred To:	Not reported
Reported to Dept:	1996-12-16
CID:	312
Water Affected:	Not reported
Spill Notifier:	DEC
Last Inspection:	1996-12-16
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1996-12-16
Spill Record Last Update:	1997-06-25
Spiller Name:	ERIC BAUER
Spiller Company:	GEORGE BURNETT INC.
Spiller Address:	191 GANSON STREET
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	9
DER Facility ID:	162338
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was JFO 12/16/96 JFO ON SITE FOR TANK PULL (10K DIESEL) I MET W/BOB

GEORGE W BURNETT INC (Continued) **U003316362**

DEMERAU OF EDC (CONTRACTOR) APPROX. 20 TONS OF DIESEL CONTAM SOIL PLACED ON PLASTIC, TO BE LANDFILLED. WATER SAMP TAKEN FROM BOTTOM OF PIT AND SIDEWALL SAMP ALSO TAKEN. WILL ANALYSE FOR 8021 AND 8270. RESULTS AND DISP RECEIPTS TO FOLLOW. 01/02/96 JFO REC'D SAMPLE RESULTS FOR SIDEWALLS AND WATER AT BOTTOM OF PIT. DISPOSAL RECEIPTS TO FOLLOW. 06/20/97 JFO REC'D DISPOSAL RECEIPTS. NO FURTHER ACTION REQUIRED. SPILL CLOSED"

Remarks: "CONTAMINATED SOIL DISCOVERED AROUND FILLPORT DURING TANK REMOVAL - APPROX. 20 TONS OF CONTAM. SOIL STAGED ON PLASTIC"

All Materials:

Site ID:	194834
Operable Unit ID:	1042829
Operable Unit:	01
Material ID:	343584
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

UST:

Id/Status:	9-014621 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	9
Expiration Date:	N/A
UTM X:	183781.31870
UTM Y:	4753159.80226
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	52010
Affiliation Type:	Facility Owner
Company Name:	GEORGE W BURNETT INC.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	145 GANSON ST
Address2:	Not reported
City:	BUFFALO
State:	NY
Zip Code:	14203
Country Code:	001
Phone:	(716) 856-8300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	52010
Affiliation Type:	Mail Contact
Company Name:	GEORGE W BURNETT INC
Contact Type:	Not reported
Contact Name:	ERIC J. BAUER

GEORGE W BURNETT INC (Continued) **U003316362**

Address1:	191 GANSON ST
Address2:	Not reported
City:	BUFFALO
State:	NY
Zip Code:	14203
Country Code:	001
Phone:	(716) 856-8300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	52010
Affiliation Type:	Facility Operator
Company Name:	GEORGE W BURNETT INC
Contact Type:	Not reported
Contact Name:	ERIC J BAUER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(716) 856-8300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	52010
Affiliation Type:	Emergency Contact
Company Name:	GEORGE W BURNETT INC.
Contact Type:	Not reported
Contact Name:	ERIC J BAUER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(716) 856-8300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	1
Tank ID:	160451
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	4000
Install Date:	10/01/1966
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground

GEORGE W BURNETT INC (Continued) **U003316362**

Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 2
Tank ID: 160452
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 10000
Install Date: 05/01/1980
Date Tank Closed: 12/01/1996
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 01
Date Test: 12/01/1990
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser

AST:
Region: STATE
DEC Region: 9
Site Status: Unregulated/Closed

GEORGE W BURNETT INC (Continued) **U003316362**

Facility Id: 9-014621
Program Type: PBS
UTM X: 183781.31870
UTM Y: 4753159.80226
Expiration Date: N/A
Site Type: Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id: 52010
Affiliation Type: Facility Owner
Company Name: GEORGE W BURNETT INC.
Contact Type: Not reported
Contact Name: Not reported
Address1: 145 GANSON ST
Address2: Not reported
City: BUFFALO
State: NY
Zip Code: 14203
Country Code: 001
Phone: (716) 856-8300
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 52010
Affiliation Type: Mail Contact
Company Name: GEORGE W BURNETT INC
Contact Type: Not reported
Contact Name: ERIC J. BAUER
Address1: 191 GANSON ST
Address2: Not reported
City: BUFFALO
State: NY
Zip Code: 14203
Country Code: 001
Phone: (716) 856-8300
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 52010
Affiliation Type: Facility Operator
Company Name: GEORGE W BURNETT INC
Contact Type: Not reported
Contact Name: ERIC J BAUER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (716) 856-8300
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

GEORGE W BURNETT INC (Continued) **U003316362**

Site Id:	52010
Affiliation Type:	Emergency Contact
Company Name:	GEORGE W BURNETT INC.
Contact Type:	Not reported
Contact Name:	ERIC J BAUER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(716) 856-8300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	3
Tank Id:	160453
Material Code:	9999
Common Name of Substance:	Other

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None
H99 - Tank Leak Detection - Other

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Tank Converted to Non-Regulated Use
Pipe Model:	Not reported
Install Date:	01/01/1974
Capacity Gallons:	500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	12/01/1991
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	other

Tank Number:	4
Tank Id:	160454
Material Code:	0012
Common Name of Substance:	Kerosene [#1 Fuel Oil] (On-Site Consumption)

GEORGE W BURNETT INC (Continued) **U003316362**

Equipment Records:
H99 - Tank Leak Detection - Other
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D99 - Pipe Type - Other
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	01/01/1974
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	01/01/1995
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	kerosene [#1 fuel oil] (on-site consumption)

Tank Number:	5
Tank Id:	160455
Material Code:	9999
Common Name of Substance:	Other

Equipment Records:
D99 - Pipe Type - Other
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
H99 - Tank Leak Detection - Other

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	01/01/1974
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	01/01/1995
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	other

GEORGE W BURNETT INC (Continued) **U003316362**

Tank Number: 6
Tank Id: 160456
Material Code: 9999
Common Name of Substance: Other

Equipment Records:

I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D99 - Pipe Type - Other
H99 - Tank Leak Detection - Other
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 01/01/1974
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 01/01/1995
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: other

SPILLS:

Facility ID: 9501488
Facility Type: ER
Spill Number: 9501488
DER Facility ID: 162338
Site ID: 194833
DEC Region: 9
Closed Date: 1995-10-26
Spill Cause: Unknown
Spill Class: B3
SWIS: 1502
Spill Date: 1995-05-01
Investigator: RMCROSSE
Referred To: Not reported
Reported to Dept: 1995-05-01
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: 1995-06-29
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1995-05-05

GEORGE W BURNETT INC (Continued) **U003316362**

Spill Record Last Update:	1995-11-02
Spiller Name:	Not reported
Spiller Company:	WASTE MANAGEMENT
Spiller Address:	425 PERINTON PARKWAY
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was RMC 05/04/95: RMC/MINICHIELLO/PHONE TO SEND ALL REPORTS TO DEC FOR REVIEW, DUE 5/30/95. 06/20/95: RMC/RECEIVED REPORTS, WORK TO BEGIN 6/29/95. 06/29/95: RMC/EPS/AFI/HANNAKA/SITE AREAS OF CONCERN BEING OVER EXCAVATED, PBS REGISTERED TANKS TO REMAIN FOR NEW OWNER, TESTING AND DISPOSAL DUE 8/30/95. 09/20/95: RMC/JON MINICHIELLO/PHONE TO SEND REPORT BY 10/15/95. 10/27/95 RMC/FILE RECEIVED REPORT AND DISPOSAL RECEIPTS,MINOR EXCEEDANCES, NO FURTHER ACTION REQUIRED, INACTIVE, INACTIVE LETTER 10/30/95 RMC/FILE NOTE SAMPLE S14 WAS FROM STORM RECEIVER AND WAS CLEANED OUT AND NO RESAMPLE REQUIRED "
Remarks:	"FOUND CONTAMINATION IN PHASE 1 AND II"

All Materials:

Site ID:	194833
Operable Unit ID:	1012386
Operable Unit:	01
Material ID:	370094
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

A3 **WARGO ENTERPRISES** **NY RGA LF** **S114962562**
Target **189-191 GANSON STREET** **N/A**
Property **BUFFALO, NY**

Site 3 of 17 in cluster A

Actual: **585 ft.**

RGA LF:

2012	WARGO ENTERPRISES	189-191 GANSON STREET
2011	WARGO ENTERPRISES	189-191 GANSON STREET
2010	WARGO ENTERPRISES	189-191 GANSON STREET
2009	WARGO ENTERPRISES	189-191 GANSON STREET

A4 **RAILROAD CROSSING/ GANSON ST** **NY Spills** **S118260793**
Target **191 GANSON ST.** **N/A**
Property **BUFFALO, NY 14203**

Site 4 of 17 in cluster A

Actual: **585 ft.**

SPILLS:

Facility ID:	1505539
Facility Type:	ER
Spill Number:	1505539
DER Facility ID:	467469
Site ID:	512905
DEC Region:	9

RAILROAD CROSSING/ GANSON ST (Continued) **S118260793**

Closed Date:	2016-02-02
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	1502
Spill Date:	2015-08-23
Investigator:	RJJONAK
Referred To:	Not reported
Reported to Dept:	2015-08-23
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2015-08-23
Spill Record Last Update:	2016-02-02
Spiller Name:	MIKE BETHAGE
Spiller Company:	CSX TRANSPORTAION
Spiller Address:	1836 BROADWAY
Spiller Company:	001
Contact Name:	MIKE BETHAGE
DEC Memo:	"8/23/2015: RJJ AT SITE AT 1315... A NAPA TRANSPORTATION TRACTOR TRAILER RUPTURE IT'S 30 GALS. REFFER FUEL TANK,WHILE CROSSING OVER THE CSX TRACKS ACROSS 191 GANSON ST.,IN THE CITY OF BUFFALO,CAUSING IT TO LEAK-OUT ~8 GALS. OF DIESEL FUEL,NEAR THE RAILROAD TRACKS AND ON THE STREET...SINCE THIS IS ON CSX'S RIGHT-OF-WAY,THEY HAVE HIRED EP&S of VERMONT TO CLEAN-UP AND DISPOSE ALL THE SPILL MATERIAL WHICH THE BUFFALO FIRE DEPT. AND THEIR HAZ-MAT TEAM PLACED ON THIS SPILL WHICH CONTAINED IT IN A SMALL AREA...NONE OF THE DIESEL FUEL REACHED ANY SOIL OR WATERWAYS...MIKE BETHAGE,CSX,WILL SEND ME THE DISPOSAL RECEIPTS. 8/24/2015: RJJ AT SITE AT 0900...EP&S of VERMONT HAS PICKED-UP ALL THE SPILL MATERIAL AND WILL DISPOSE THIS AT A LANDFILL...THE CLEAN-UP IS ACCEPTABLE. 2/2/2016: RECEIVED THE DISPOSAL RECEIPTS FOR THE 2 DRUMS OF SPILL MATERIAL TAKEN TO THE EP&S OF VERMONT'S FACILITY IN SYRACUSE,NY....THE SPILL HAS BEEN CLEANED-UP & PROPERLY DISPOSED OF...NO FURTHER ACTION NEEDED...SPILL CLOSED OUT."
	Not reported
Remarks:	"Tractor trailer broke down on tracks. Lost 8-15 gallons. still on tracks. Buff FD on scene. CSX contractor en route"

All Materials:

Site ID:	512905
Operable Unit ID:	1262152
Operable Unit:	01
Material ID:	2265654
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	8.00
Units:	G
Recovered:	8.00
Oxygenate:	Not reported

A5 **TRACTOR TRAILER ACCIDENT** **NY Spills** **S118260795**
Target **191 GANSON ST** **N/A**
Property **BUFFALO, NY 14203**

Site 5 of 17 in cluster A

Actual:
585 ft.

SPILLS:

Facility ID:	1505541
Facility Type:	ER
Spill Number:	1505541
DER Facility ID:	51201
Site ID:	512907
DEC Region:	9
Closed Date:	2015-08-24
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	1502
Spill Date:	2015-08-23
Investigator:	RJJONAK
Referred To:	Not reported
Reported to Dept:	2015-08-23
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2015-08-23
Spill Record Last Update:	2015-08-24
Spiller Name:	DARRELL HAZEN
Spiller Company:	NAPA TRANSPORTATION
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	KILPATRICK WOODARD
DEC Memo:	"8/24/2015: THIS IS THE SAME SPILL AS SPILL # 1505539...REFER TO THAT SPILL FOR ANY ADDITIONAL INFOMATION...THIS SPILL CLOSED OUT. ***** NOTE, COMPUTER FILE ONLY *****"
Remarks:	"Buffalo FD Hazmat has already completed clean up."

All Materials:

Site ID:	512907
Operable Unit ID:	1262154
Operable Unit:	01
Material ID:	2265656
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	30.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

A6 **WASTE MGMT OF NY DOWNING CONTAINER SV** **RCRA NonGen / NLR** **1000315946**
Target **191 GANSON ST** **FINDS** **NYD074025347**
Property **BUFFALO, NY 14203** **ECHO**

Site 6 of 17 in cluster A

Actual:
585 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	WASTE MGMT OF NY DOWNING CONTAINER SV
Facility address:	191 GANSON ST BUFFALO, NY 14203
EPA ID:	NYD074025347
Mailing address:	GANSON ST BUFFALO, NY 14203
Contact:	Not reported
Contact address:	GANSON ST BUFFALO, NY 14203
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	DOWNING CONTAINER SERVICE INC
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	DOWNING CONTAINER SERVICE INC
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No

WASTE MGMT OF NY DOWNING CONTAINER SV (Continued) **1000315946**

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: WASTE MGMT OF NY DOWNING CONTAINER SV
Classification: Not a generator, verified

Date form received by agency: 04/03/1995
Site name: WASTE MGMT OF NY DOWNING CONTAINER SV
Classification: Not a generator, verified

. Waste code: NONE
. Waste name: None

Date form received by agency: 08/18/1980
Site name: WASTE MGMT OF NY DOWNING CONTAINER SV
Classification: Large Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110004368201

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

WASTE MGMT OF NY DOWNING CONTAINER SV (Continued) **1000315946**

ECHO:
Envid: 1000315946
Registry ID: 110004368201
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004368201

A7 **GEORGE W. BURNETT INC.** **NY UST** **U004081570**
Target **145 GANSON STREET** **N/A**
Property **BUFFALO, NY 14203**

Site 7 of 17 in cluster A

Actual: 585 ft.

UST:
Id/Status: 9-421227 / Active
Program Type: PBS
Region: STATE
DEC Region: 9
Expiration Date: 09/15/2020
UTM X: 183813.19413
UTM Y: 4752954.07825
Site Type: Trucking/Transportation/Fleet Operation

Affiliation Records:
Site Id: 53994
Affiliation Type: Facility Owner
Company Name: GEORGE W. BURNETT INC.
Contact Type: PRESIDENT
Contact Name: ERIC J. BAUER
Address1: 145 GANSON STREET
Address2: Not reported
City: BUFFALO
State: NY
Zip Code: 14203
Country Code: 001
Phone: (716) 856-8300
EMail: GWBURNETT@AOL.COM
Fax Number: Not reported
Modified By: SLZIEMBA
Date Last Modified: 2015-07-16

Site Id: 53994
Affiliation Type: Mail Contact
Company Name: GEORGE W. BURNETT INC.
Contact Type: PRESIDENT
Contact Name: ERIC J. BAUER
Address1: 145 GANSON STREET
Address2: Not reported
City: BUFFALO
State: NY
Zip Code: 14203
Country Code: 001
Phone: (716) 856-8300
EMail: GWBURNETT@AOL.COM
Fax Number: Not reported
Modified By: SLZIEMBA
Date Last Modified: 2015-07-16

Site Id: 53994
Affiliation Type: Facility Operator

GEORGE W. BURNETT INC. (Continued) **U004081570**

Company Name:	GEORGE W. BURNETT INC.
Contact Type:	Not reported
Contact Name:	GEORGE W. BURNETT INC.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(716) 856-8300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	SLZIEMBA
Date Last Modified:	2015-07-16

Site Id:	53994
Affiliation Type:	Emergency Contact
Company Name:	GEORGE W. BURNETT INC.
Contact Type:	Not reported
Contact Name:	ERIC J. BAUER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(716) 856-8300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	SLZIEMBA
Date Last Modified:	2015-07-16

Tank Info:

Tank Number:	001
Tank ID:	169733
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	4000
Install Date:	10/01/1973
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	LJJUDD
Last Modified:	04/14/2017

Equipment Records:

I00 - Overfill - None
H00 - Tank Leak Detection - None

GEORGE W. BURNETT INC. (Continued) **U004081570**

J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number:	002
Tank ID:	169734
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	4000
Install Date:	10/01/1973
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	LJJUDD
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number:	003
Tank ID:	169735
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	4000
Install Date:	10/01/1973
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported

GEORGE W. BURNETT INC. (Continued) **U004081570**

Modified By: LJJUDD
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

Tank Number: 004
Tank ID: 169736
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 4000
Install Date: 10/01/1973
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LJJUDD
Last Modified: 04/14/2017

Equipment Records:

I00 - Overfill - None
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

A8
Target Property
G W BURNETT
145 GANSON STREET
BUFFALO, NY

NY LTANKS **S103563027**
NY Spills **N/A**

Site 8 of 17 in cluster A

Actual: 585 ft.

LTANKS:
Facility ID: 8708580
Site ID: 246862
Closed Date: 1988-01-04
Spill Number: 8708580
Spill Date: 1988-01-04
Spill Cause: Tank Failure

G W BURNETT (Continued) **S103563027**

Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Cleanup Ceased:	1988-01-04
SWIS:	1502
Investigator:	COOKE
Referred To:	Not reported
Reported to Dept:	1988-01-04
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	1988-01-04
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-01-08
Spill Record Last Update:	2002-03-18
Spiller Name:	Not reported
Spiller Company:	LAKE ERIE TRANSPORT
Spiller Address:	145 GANSON STREET
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	9
DER Facility ID:	202689
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was JDC / / : JDC RESPONDED AND FOUND NO SIGNIFICANT SOIL CONTAMINATION THAT WOULD REQUIRE ANY CLEANUP. NO FURTHER ACTION REQUIRED. / / : JDC RESPONDED 01/04/88, FOUND NO SIGNIFICANT SOIL CONTAMINATION THAT WOULD REQUIRE ANY CLEANUP. NO FURTHER ACTION REQUIRED. "
Remarks:	"TANKS BEING REMOVED ON A ROUTINE BASIS WHEN SOME QUESTIONABLE SOIL WAS ENCOUNTERED."

All Materials:

Site ID:	246862
Operable Unit ID:	913250
Operable Unit:	01
Material ID:	554852
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Facility ID:	9501905
Facility Type:	ER
Spill Number:	9501905
DER Facility ID:	202689
Site ID:	246863
DEC Region:	9
Closed Date:	1995-05-12

G W BURNETT (Continued) **S103563027**

Spill Cause:	Other
Spill Class:	E6
SWIS:	1502
Spill Date:	1995-05-01
Investigator:	JFOTTO
Referred To:	Not reported
Reported to Dept:	1995-05-12
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	DEC
Cleanup Ceased:	1995-05-12
Cleanup Meets Std:	True
Last Inspection:	1995-05-12
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1995-05-22
Spill Record Last Update:	2002-03-18
Spiller Name:	Not reported
Spiller Company:	NONE
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was JFO 05/12/95: COMPANY USING A 6000 GAL TRUCK TANKER AS AN ABOVE GROUND TANK. JFO CHECKED SITE, OWNER WAITING FOR NEW AST FROM LANCASTER TANK, BUFFALO FD ALSO PRESENT, NO ACTION REQUIRED. 07/11/95: JFO SITE VISIT MET WITH MR BURNETT HE RECEIVED HIS PERMIT FOR AN ABOVEGROUND TANK FROM THE CITY. HE EXPECTS DELIVERY OF TANK ANY DAY. 08/23/95: JFO TEL/CON W/MR BURNETT NEW 10K AST INSTALLED AND IN OPERATION WILL REGISTER ASAP. "
Remarks:	"COMPANY USING AN ILLEGAL STORAGE TANK"

All Materials:

Site ID:	246863
Operable Unit ID:	1013037
Operable Unit:	01
Material ID:	366979
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

A9 **GEORGE W. BURNETT INC.** **NY AST** **U003316944**
Target **145 GANSON STREET** **N/A**
Property **BUFFALO, NY 14203**

Site 9 of 17 in cluster A

Actual:
585 ft.

AST:

Region:	STATE
DEC Region:	9
Site Status:	Active
Facility Id:	9-421227
Program Type:	PBS
UTM X:	183813.19413
UTM Y:	4752954.07825
Expiration Date:	09/15/2020
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	53994
Affiliation Type:	Facility Owner
Company Name:	GEORGE W. BURNETT INC.
Contact Type:	PRESIDENT
Contact Name:	ERIC J. BAUER
Address1:	145 GANSON STREET
Address2:	Not reported
City:	BUFFALO
State:	NY
Zip Code:	14203
Country Code:	001
Phone:	(716) 856-8300
EMail:	GWBURNETT@AOL.COM
Fax Number:	Not reported
Modified By:	SLZIEMBA
Date Last Modified:	2015-07-16

Site Id:	53994
Affiliation Type:	Mail Contact
Company Name:	GEORGE W. BURNETT INC.
Contact Type:	PRESIDENT
Contact Name:	ERIC J. BAUER
Address1:	145 GANSON STREET
Address2:	Not reported
City:	BUFFALO
State:	NY
Zip Code:	14203
Country Code:	001
Phone:	(716) 856-8300
EMail:	GWBURNETT@AOL.COM
Fax Number:	Not reported
Modified By:	SLZIEMBA
Date Last Modified:	2015-07-16

Site Id:	53994
Affiliation Type:	Facility Operator
Company Name:	GEORGE W. BURNETT INC.
Contact Type:	Not reported
Contact Name:	GEORGE W. BURNETT INC.
Address1:	Not reported
Address2:	Not reported
City:	Not reported

GEORGE W. BURNETT INC. (Continued) **U003316944**

State: NN
Zip Code: Not reported
Country Code: 001
Phone: (716) 856-8300
EMail: Not reported
Fax Number: Not reported
Modified By: SLZIEMBA
Date Last Modified: 2015-07-16

Site Id: 53994
Affiliation Type: Emergency Contact
Company Name: GEORGE W. BURNETT INC.
Contact Type: Not reported
Contact Name: ERIC J. BAUER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (716) 856-8300
EMail: Not reported
Fax Number: Not reported
Modified By: SLZIEMBA
Date Last Modified: 2015-07-16

Tank Info:

Tank Number: 1
Tank Id: 171575
Material Code: 0008
Common Name of Substance: Diesel

Equipment Records:

L00 - Piping Leak Detection - None
G01 - Tank Secondary Containment - Diking (Aboveground)
E01 - Piping Secondary Containment - Diking (AG only)
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 08/01/1995
Capacity Gallons: 10000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported

GEORGE W. BURNETT INC. (Continued) **U003316944**

Register:	True
Modified By:	LDGOMEZ
Last Modified:	04/14/2017
Material Name:	diesel

A10 **WARGO ENTERPRISES** **NY SWF/LF** **S109580370**
Target **189-191 GANSON STREET** **N/A**
Property **BUFFALO, NY 14203**

Site 10 of 17 in cluster A

Actual: **585 ft.**

SWF/LF:

Flag:	INACTIVE
Region Code:	9
Phone Number:	7165421333
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Jeffrey Cewson
Contact Address:	Wargo Enterprises; Inc.
Contact Addr2:	5055 Havens Road
Contact City,St,Zip:	Akron, NY 14001
Contact Email:	Not reported
Contact Phone:	7165421333
Activity Desc:	C&D processing - registration
Activity Number:	[15W49]
Active:	No
East Coordinate:	183780
North Coordinate:	4753166
Accuracy Code:	4.2 - Utilization of GIS and existing spatial data
Regulatory Status:	Registration
Waste Type:	Not reported
Authorization #:	15W49
Authorization Date:	05/06/2009
Expiration Date:	Not reported
Operator Name:	Wargo Enterprises
Operator Type:	Private
Laste Date:	Not reported

A11 **ADM MILLING CO** **SEMS** **1000127734**
250 GANSON ST **RCRA-CESQG** **NYD002108579**
< 1/8 **BUFFALO, NY 14203** **US AIRS**
1 ft. **FINDS**
Site 11 of 17 in cluster A **ECHO**
NJ MANIFEST
Relative: **NY MANIFEST**
Higher

Actual: **585 ft.**

SEMS:

Site ID:	200545
EPA ID:	NYD002108579
Cong District:	26
FIPS Code:	36029

ADM MILLING CO (Continued) **1000127734**

Latitude: Not reported
Longitude: Not reported
FF: N
NPL: Not on the NPL
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

SEMS Detail:
Region: 2
Site ID: 200545
EPA ID: NYD002108579
Site Name: ADM MILLING COMPANY
NPL: N
FF: N
OU: 0
Action Code: PJ
Action Name: RP EM REM
SEQ: 1
Start Date: 2014-08-27 00:00:00
Finish Date: 8/27/2014
Qual: S
Current Action Lead: EPA Ovrsght

RCRA-CESQG:
Date form received by agency: 01/31/2011
Facility name: ADM MILLING
Facility address: 250 GANSON ST
BUFFALO, NY 14203
EPA ID: NYD002108579
Mailing address: GANSON ST
BUFFALO, NY 14203
Contact: GEORGE SIRADES
Contact address: GANSON ST
BUFFALO, NY 14203
Contact country: US
Contact telephone: 716-849-7333
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No

ADM MILLING CO (Continued) **1000127734**

Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2007
Site name: PILLSBURY CO THE
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/01/2006
Site name: PILLSBURY CO THE
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 05/13/1985
Site name: PILLSBURY CO THE
Classification: Not a generator, verified

. Waste code: X002
. Waste name: POLYCHLORINATED BIPHENOLS (PCBs)

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 01/26/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

US AIRS MINOR:
Envid: 1000127734
Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
D and B Number: Not reported
Primary SIC Code: 2041
NAICS Code: 311211
Default Air Classification Code: MIN
Facility Type of Ownership Code: Not reported
Air CMS Category Code: SMI
HPV Status: Not reported

US AIRS MINOR:
Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971

ADM MILLING CO (Continued) **1000127734**

Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2016-09-29 00:00:00
Activity Status Date: 2016-10-09 00:00:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2016-09-30 00:00:00
Activity Status Date: 2016-10-09 00:00:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1977-05-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-05-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-07-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

ADM MILLING CO (Continued) **1000127734**

Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1984-07-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-03-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-05-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-09-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-09-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

ADM MILLING CO (Continued) **1000127734**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-09-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-09-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-11-11 00:00:00
Activity Status Date: 1983-11-11 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-08-22 00:00:00
Activity Status Date: 1983-08-22 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

US AIRS MINOR:
Envid: 1000127734
Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971

ADM MILLING CO (Continued) **1000127734**

D and B Number: Not reported
Primary SIC Code: 2041
NAICS Code: 311211
Default Air Classification Code: MIN
Facility Type of Ownership Code: Not reported
Air CMS Category Code: SMI
HPV Status: Not reported

US AIRS MINOR:
Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2016-09-29 00:00:00
Activity Status Date: 2016-10-09 00:00:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2016-09-30 00:00:00
Activity Status Date: 2016-10-09 00:00:00
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Active

Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1977-05-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-05-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02

ADM MILLING CO (Continued) **1000127734**

Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-07-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1984-07-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-03-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-05-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-09-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

ADM MILLING CO (Continued) **1000127734**

Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-09-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-09-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-09-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-11-11 00:00:00
Activity Status Date: 1983-11-11 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 02
Programmatic ID: AIR NY0000009140200422
Facility Registry ID: 110009464971
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-08-22 00:00:00

ADM MILLING CO (Continued) **1000127734**

Activity Status Date: 1983-08-22 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

FINDS:

Registry ID: 110009464971

Environmental Interest/Information System

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

AIR EMISSIONS CLASSIFICATION UNKNOWN

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

SUPERFUND (NON-NPL)

ADM MILLING CO (Continued) **1000127734**

AIR MINOR

US EPA Risk Management Plan (RMP) database stores the risk management plans reported by companies that handle, manufacture, use, or store certain flammable or toxic substances, as required under section 112(r) of the Clean Air Act (CAA).

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000127734
Registry ID:	110009464971
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009464971

NJ MANIFEST:

EPA Id:	NYD002108579
Mail Address:	252 GANSON
Mail City/State/Zip:	BUFFALO 14240
Facility Phone:	7168497329
Emergency Phone:	Not reported
Contact:	Not reported
Comments:	Not reported
SIC Code:	Not reported
County:	00
Municipal:	00
Previous EPA Id:	Not reported
Gen Flag:	X
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	002598669SKS
EPA ID:	NYD002108579
Date Shipped:	7/30/2012
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported

ADM MILLING CO (Continued) **1000127734**

Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BUFFALO 14240
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	Not reported
Quantity:	115.00 Pounds

Manifest Number:	NJA3155628
EPA ID:	NYD002108579
Date Shipped:	07/27/2004
TSDF EPA ID:	NJR000022442
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	NJD071629976
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	07/27/2004
Date Trans2 Transported Waste:	08/11/2004
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/11/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported

ADM MILLING CO (Continued) **1000127734**

Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	09270422
Was Load Rejected:	BUFFALO 14240
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA3155633
EPA ID:	NYD002108579
Date Shipped:	08/18/2004
TSDF EPA ID:	NJR000022442
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	MOR000505347
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/18/2004
Date Trans2 Transported Waste:	08/19/2004
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/25/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	09270422
Was Load Rejected:	BUFFALO 14240
Reason Load Was Rejected:	Not reported

NY MANIFEST:

Country:	USA
EPA ID:	NYD002108579
Facility Status:	Not reported
Location Address 1:	250 GRASON STREET

ADM MILLING CO (Continued) **1000127734**

Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BUFFALO
Location State:	NY
Location Zip:	14240
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD002108579
Mailing Name:	PILLSBURY COMPANY THE
Mailing Contact:	PILLSBURY COMPANY THE
Mailing Address 1:	PO BOX 487
Mailing Address 2:	Not reported
Mailing City:	BUFFALO
Mailing State:	NY
Mailing Zip:	14240
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7168497351

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	TXR000081205
Trans2 State ID:	NYD982792814
Generator Ship Date:	03/28/2018
Trans1 Recv Date:	03/28/2018
Trans2 Recv Date:	04/05/2018
TSD Site Recv Date:	04/06/2018
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD002108579
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	KYD053348108
TSDF ID 2:	Not reported
Manifest Tracking Number:	006317707SKS
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H061
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported

ADM MILLING CO (Continued) **1000127734**

Quantity:	90
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D006
Waste Code 1_2:	D007
Waste Code 1_3:	D008
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
2 additional NY MANIFEST: record(s) in the EDR Site Report.

A12 **INDUSTRIAL SITE** **NY Spills** **S118707639**
250 GANSON STREET **N/A**
< 1/8 **BUFFALO, NY**
1 ft.

Site 12 of 17 in cluster A

Relative: Higher
Actual: 585 ft.

SPILLS:

Facility ID:	1604885
Facility Type:	ER
Spill Number:	1604885
DER Facility ID:	485470
Site ID:	531411
DEC Region:	9
Closed Date:	2016-09-20
Spill Cause:	Other
Spill Class:	Not reported
SWIS:	1502
Spill Date:	2016-08-12
Investigator:	TDJOHNSO
Referred To:	Not reported
Reported to Dept:	2016-08-12
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2016-08-12
Spill Record Last Update:	2016-09-20
Spiller Name:	JOHN
Spiller Company:	DAILY UNDERWRITERS OF AMERICA
Spiller Address:	250 GANSON STREET
Spiller Company:	999
Contact Name:	JOHN
DEC Memo:	"08/12/16 TDJ WENT TO LOCATION WHERE TRACTOR HIT RAIL LINES BETWEEN INDUSTRY AND GANSON STREET. THESE SPILLS HAPPEN ALL OF THE TIME DUE TO HUMP IN TRACKS. SPILL OCCURRED ON A STRETCH OF GANSON STREET

INDUSTRIAL SITE (Continued) **S118707639**

BEFORE THE TRACTOR DRIVER STOPPED. BFD HAD SPEEDY DRY ON SPILL AND BOOM IN FRONT OF STORM DRAIN. TANK WAS NEARLY EMPTY AND WAS DRIPPING INTO BUCKET. ERTS WAS CONTACTED AND ALLIED ENVIRONMENTAL, DEEKS NEW COMPANY ARRIVED FOR CLEANUP. ALLIED WILL COMPENSATE FIRE DEPT FOR SPEEDY DRY USED. LEFT THE SITE WITH ONLY SWEEPING AND DRUMMING OF SPEEDY DRY FOR CLEANUP. TRUCKING FIRM R&J BERGEY TRANS. LLC, MOHRSVILLE,PA, USDOT 1074984 09/20/16 TDJ RECEIVED DISPOSAL INFO FROM ALLIED ENVIRON. FOR THE REMOVAL OF (4) DRUMS OF DIESEL CONTAMINATED MATERIAL AND (1) DRUM OF SPENT FUEL. MATERIAL WAS TAKEN TO COVANTA OF NIAGARA FALLS FOR DISPOSAL. SITE WAS CLEANED TO SATISFACTION OF DEC SITE MANAGER. NO FURTHER ACTION FILE CLOSED TO ELECTRONIC ONLY"

Remarks: "spill to concrete and gravel. clean up is pending."

All Materials:

Site ID:	531411
Operable Unit ID:	1280190
Operable Unit:	01
Material ID:	2285318
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

A13 **250 GANSON ST - TO PARKING LOT** **NY Spills** **S110045181**
250 GANSON ST - TO PARKING **N/A**
< 1/8 **BUFFALO, NY 14023**
1 ft.

Site 13 of 17 in cluster A

Relative: Higher
Actual: 585 ft.

SPILLS:

Facility ID:	0909202
Facility Type:	ER
Spill Number:	0909202
DER Facility ID:	370827
Site ID:	421879
DEC Region:	9
Closed Date:	2009-11-17
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	1502
Spill Date:	2009-11-17
Investigator:	TDJOHNSO
Referred To:	Not reported
Reported to Dept:	2009-11-17
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False

250 GANSON ST - TO PARKING LOT (Continued) **S110045181**

Remediation Phase:	0
Date Entered In Computer:	2009-11-17
Spill Record Last Update:	2009-11-17
Spiller Name:	BRAD KLINE
Spiller Company:	ERTS
Spiller Address:	250 GANSON ST - TO PARKING
Spiller Company:	999
Contact Name:	BRAD KLINE
DEC Memo:	"11/17/09 TDJ SPILL IS RELATED TO SPILL #0909200 WHICH WAS A TRUCK THAT WENT OVER TRACKS LEAVING FACTORY AND PUNCTURED REFRIGERATION DIESL TANK SPILLING APPROX. 30-40 GALLONS OF DIESEL FROM FACTORY EXIT DOWN GANSON STREET AND INTO PARKING LOT ON OHIO STREET NEAR BISON CITY ROD AND GUN CLUB. OP-TECH WAS CONTRACTED BY TRUCKING FIRM AND SPREAD SPEEDY DRY ALONG ROUTE. DISPOSAL RECEIPTS AND PHOTOS ARE ON THE 0909200 SPILL REPORT. NO FURTHER ACTION FILE CLOSED TO ELECTRONIC ONLY"
Remarks:	"TANK PUNCTURED; LOST MATERIAL FROM RAILROAD TRACK TO DIRT PARKING LOT. FD ON SCENE. CLEAN UP PENDING"

All Materials:

Site ID:	421879
Operable Unit ID:	1177754
Operable Unit:	01
Material ID:	2170573
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	40.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

A14 **ROADWAY** **NY Spills** **S118706660**
250 GANSON ST **N/A**
< 1/8 **BUFFALO, NY**
1 ft.

Site 14 of 17 in cluster A

Relative: **Higher**
Actual: **585 ft.**

SPILLS:

Facility ID:	1603806
Facility Type:	ER
Spill Number:	1603806
DER Facility ID:	353638
Site ID:	530288
DEC Region:	9
Closed Date:	2016-09-20
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	1502
Spill Date:	2016-07-18
Investigator:	TDJOHNSO
Referred To:	Not reported
Reported to Dept:	2016-07-18
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle

ROADWAY (Continued) **S118706660**

Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2016-07-18
Spill Record Last Update:	2016-09-20
Spiller Name:	Not reported
Spiller Company:	N/A
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	SUSAN
DEC Memo:	"07/18/16 TDJ WENT TO LOCATION WHICH IS THE SECTION OF THE PROPERTY WHERE TRACTOR TRAILERS ALWAYS HIT THEIR SADDLE TANKS CROSSING RR TRACKS TO GET TO LOADING AREA. A LINE OF DIESEL FUEL WAS LEFT FOR APPROX 200'. THE DRIVER NOTICED AND PLUGGED TANK. HE CROSSED TRACKS AGAIN TO TAKE TO REPAIR SHOP ACROSS STREET. THE PLUG WAS KNOCKED OUT AMD SPILLED ADDITIONAL FUEL ON STREET. THE PLUG WAS REPLACED AND TRUCK WAS TAKEN IN FOR REPAIRS. SOME FUEL REACHED SOME STANDING WATER IN THE LOT WHERE SORBENT PADS WERE PLACED. I GAVE SPEEDY DRY FROM TRUCK AND WENT TO OFICE TO GET SUPPLY TO COMPLETE CLEANUP. SORBENT WAS SPREAD ON ENTIRE SPILL AREA AND DRIVER AND CREW FROM 250 GANSON WILL SWEEP UP HEAVY STAINED AREAS. TRUCKING FIRM WILL PURCHASE A PALLET OF SPEEDY DRY TO REPLACE STOCK FROM DEC STORAGE AREA. DRUMS WERE RECEIVED FROM CLEAN HARBORS FOR WASTE COLLECTION AND DISPOSAL. NO WATERWAYS NOR DRAINS WERE AFFECTED. SAMUEL P. MERCURIO JR OWNER /OPERATOR 5280 ONTARIO CENTER ROAD ONTARIO, NY 14519 585-469-2709 07/22/16 TDJ RECEIVED 20 BAGS OF SPEEDY DRY FROM MERCURIO FOR REPAYMENT OF SPEEDY DRY GIVEN FOR SPILL. 09/20/16 TDJ SPOKE WITH SAM WHO STATED THAT CREDIT WAS GIVEN TO SAFETY KLEEN PRIOR WEEK TO DISPOSE ORF DRUMS. WILL GET RECEIPT WHEN AVAILABLE. RECEIVED DISPOSAL INFO FROM SAFETY KLEEN FOR DISPOSAL OF THREE DRUMS OF DIESEL CONTAMINATED MATERIAL WHICH WAS TAKEN TO SPRING SOURCE RECOVERY IN CINCINNATI,OH. SITE WAS CLEANED TO SATISFACTION OF DEC SITE MANAGER. NO FURTHER ACTION FIEL CLOSED TO ELECTRONIC ONLY"
Remarks:	"spill from saddle tank/broken fuel line/FD en route. Buffalo Fire just call and is asking for a DEC representative on scene."

All Materials:

Site ID:	530288
Operable Unit ID:	1279085
Operable Unit:	01
Material ID:	2284104
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

A15 **ADM MILLING COMPANY** **NY Spills** **S109371748**
250 GANSON ST **NY SPDES** **N/A**
< 1/8 **BUFFALO, NY 14203**
1 ft.

Site 15 of 17 in cluster A

Relative: SPILLS:
Higher

Actual:
585 ft.

Facility ID:	0404470
Facility Type:	ER
Spill Number:	0404470
DER Facility ID:	232626
Site ID:	287177
DEC Region:	9
Closed Date:	2004-09-22
Spill Cause:	Human Error
Spill Class:	C3
SWIS:	1502
Spill Date:	2004-07-26
Investigator:	MXFRANKS
Referred To:	Not reported
Reported to Dept:	2004-07-26
CID:	405
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Police Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	2004-09-13
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-07-26
Spill Record Last Update:	2004-09-22
Spiller Name:	PAUL JACKO
Spiller Company:	PERDUE CHICKENS
Spiller Address:	PO BOX 1537
Spiller Company:	001
Contact Name:	RICH MCCAFFERY
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MF 07/26/04: MF S/I/TOM FITZPATRICK, ET AL, BFD. RICH MCCAFFERY, ET AL, ADM. JR LEWIS, DRIVER OF TT, LICENSE #501 F85, MD. ROAD DEBRIS PUCHURED DRIVER SIDE SADDLE TANK. LEAKED FROM THE OHIO ST BRIDGE TO THE ADM PARKING LOT, 250 GANSON. LOST APPX 100 GALLONS IN THE PARKING LOT. THE FD PLUGGED THE TEAR IN THE TANK. T/C PERDUE, PAUL JACKO, HE HIRED OP-TECH. MET WITH OP-TECH, LINDA GRIMMER, GARY HOUSE. THEY PICKED UP FP & AS MUCH DEBRIS AS POSSIBLE. WILL GET UTILITY CHECK & COME BACK WITH BACKHOE. 07/27/04: MF LETTER TO RP. 07/31/04: MF S/I AREA CLEANED, DEBRIS STAGED IN ROLL OFFS. 09/13/04: MF ROLL OFFS GONE, SPILL AREA BLACKTOPPED. 09/16/04: MF 1ST DISPOSAL LETTER, DUE 10/8/04. 09/22/04: MF RECEIVED SOIL DISPOSAL RECEIPTS. NO FURTHER ACTION NECESSARY."
Remarks:	"150 GAL TANK, AND IS STILL STPILLING OUT, DRIVER INDICATED HE PUNCTURED FUEL TANK"

All Materials:

Site ID:	287177
Operable Unit ID:	887400
Operable Unit:	01
Material ID:	488464
Material Code:	0008

ADM MILLING COMPANY (Continued) **S109371748**

Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	40.00
Units:	G
Recovered:	30.00
Oxygenate:	Not reported

Facility ID:	0807061
Facility Type:	ER
Spill Number:	0807061
DER Facility ID:	353638
Site ID:	404377
DEC Region:	9
Closed Date:	2008-09-23
Spill Cause:	Equipment Failure
Spill Class:	D4
SWIS:	1502
Spill Date:	2008-09-23
Investigator:	fxgalleg
Referred To:	Not reported
Reported to Dept:	2008-09-23
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2008-09-23
Spill Record Last Update:	2008-09-23
Spiller Name:	LISA MONTASANO
Spiller Company:	NATIONAL GRID
Spiller Address:	250 GANSON ST
Spiller Company:	999
Contact Name:	LISA MONTASANO
DEC Memo:	"9/23/08 Minor spill. No further work required. site is closed. Electronic file only."
Remarks:	"CALLER STATES THAT DUE TO EQUIPMENT FAILURE ONE GALLON OF TRANSFORMER OIL WAS SPILLED TO PAVEMENT. CLEAN UP IS PENDING."

All Materials:

Site ID:	404377
Operable Unit ID:	1161039
Operable Unit:	01
Material ID:	2152227
Material Code:	0020A
Material Name:	transformer oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

ADM MILLING COMPANY (Continued) **S109371748**

Facility ID:	1405741
Facility Type:	ER
Spill Number:	1405741
DER Facility ID:	454128
Site ID:	499178
DEC Region:	9
Closed Date:	2014-08-27
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	1502
Spill Date:	2014-08-27
Investigator:	FXGALLEG
Referred To:	Not reported
Reported to Dept:	2014-08-27
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2014-08-27
Spill Record Last Update:	2014-08-27
Spiller Name:	Not reported
Spiller Company:	ADM MILLING COMPANY-GENERAL MILLS
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	GEORGE ZAMMIT
DEC Memo:	"8/27/14 FG SPOKE WITH THE CITY OF BUFFALO DISPATCH AND THEY WERE NOT REQUESTING DEC RESPONSE. THEY LEFT THE SCENE BECAUSE THERE WAS NO INCIDENT. FG spoke to Kilpatrick Woodward, the Buffalo Fire Department Haz Mat person. He said that he was on scene. The monitor in ADM went off indicating there was a chlorine release. When they went to the area, the BFD's meters read 0. He does not know the cause of the monitors going off. NO FURTHER WORK IS REQUIRED. THE SPILL IS CLOSED. ELECTRONIC FILE ONLY."
Remarks:	"SPILL CONTAINED INSIDE ROOM. TRYING TO GAIN ACCESS TO LOCKED ROOM TO DETERMINE AMOUNT"

All Materials:

Site ID:	499178
Operable Unit ID:	1248608
Operable Unit:	01
Material ID:	2250085
Material Code:	0027A
Material Name:	chlorine
Case No.:	07782505
Material FA:	Hazardous Material
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Facility ID:	1112111

ADM MILLING COMPANY (Continued) **S109371748**

Facility Type:	ER
Spill Number:	1112111
DER Facility ID:	353638
Site ID:	460038
DEC Region:	9
Closed Date:	2012-01-18
Spill Cause:	Equipment Failure
Spill Class:	E6
SWIS:	1502
Spill Date:	2012-01-17
Investigator:	FXGALLEG
Referred To:	Not reported
Reported to Dept:	2012-01-17
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2012-01-17
Spill Record Last Update:	2012-01-18
Spiller Name:	STEVE ROZLER
Spiller Company:	ADM MILLING
Spiller Address:	250 GANSON ST
Spiller Company:	999
Contact Name:	STEVE ROZLER
DEC Memo:	"1/17/12 FG SPOKE TO ERIE COUNTY EMERGENCY SERVICES WHO RESPONDED TO THE INCIDENT LAST EVENING. THEY SAID THAT THE BUFFALO FIRE DEPARTMENT RESPONDED TO THE INCIDENT AND CLEARED THE SCENE. WOODWARD KILPATRICK WAS THE OFFICER IN CHARGE OF THE SCENE. FG SPOKE TO MR. KILPATRICK WHO SAID THE SOURCE WAS UNKNOWN. 18 WORKERS WERE EVACUATED FROM THE AREA AND ONE WAS TAKEN TO THE HOSPITAL AT HIS REQUEST TO BE CHECKED OUT. MR. KILPATRICK DID NOT KNOW IF HE HAD BEEN RELEASED. NONE OF THESE EMPLOYEES WERE IN DIRECT CONTACT OR IN THE AREA WHERE THE CHLORINE PROCESS TANKS ARE LOCATED. THE BUFFALO FIRE DEPARTMENT WERE LOOKING AT 4 CHLORINE PROCESS TANKS IN THE BUILDING AND CHECKING VALVES, EMERGENCY SHUT OFFS, EXHAUST FANS AND ALL AREAS BUT THEY COULD NOT DETERMINE A SOURCE. THEY OPENED SHUTTERS THAT WERE CLOSED AND VENTED THE AREA. THE READINGS WENT FROM 103 PPM TO LESS THAN .2 PPM ON THE DRAEGER TUBES AND THEY LEFT THE SCENE. THEY THINK THERE MAY BE MULTIPLE ISSUES AND WILL BE BACK ON SCENE TODAY TO CHECK FURTHER. FG WILL CONTACT MR. KILPATRICK AT 10AM TO DETERMINE WHEN THEY WILL BE BACK ON SITE FOR A FURTHER INVESTIGATION AND TO JOIN THE SITE VISIT. THE CITY OF BUFFALO (BFD) WAS ON SITE SO AN ADDITIONAL COMMUNITY NOTIFICATION IS NOT NECESSARY. THE SPILL WAS REFERRED TO THE DIVISION OF AIR FOR FOLLOW UP. SPILL IS CLOSED. ELECTRONIC FILE ONLY."
Remarks:	"Unknown amount of chlorine has been spilled from above company. Haz-Mat team is on scene evaluating spill."

All Materials:

Site ID:	460038
Operable Unit ID:	1210126
Operable Unit:	01

ADM MILLING COMPANY (Continued) **S109371748**

Material ID:	2207717
Material Code:	0027A
Material Name:	chlorine
Case No.:	07782505
Material FA:	Hazardous Material
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

SPDES:

Permit Number:	NYR00E008
State-Region:	09
Expiration Date:	09/30/2017
Current Major Minor Status:	Minor
Primary Facility SIC Code:	2041
State Water Body Name:	LAKE ERIE
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	Not reported
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	+42.866 / -78.872
DMR Cognizant Official:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY029

Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	ARCHER DANIELS MIDLAND CO
Non-Gov Permit Street Address:	ADM MILLING COMPANY
Non-Gov Permit Supplemental Location:	250 GANSON ST
Non-Gov Permit City:	BUFFALO
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	14203
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	ARCHER DANIELS MIDLAND CO
Non-Gov Facility Street Address:	ADM MILLING COMPANY
Non-Gov Facility Supplemental Location:	250 GANSON ST
Non-Gov Facility City:	BUFFALO
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	14203
State Water Body:	Not reported

UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY029

Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	ARCHER DANIELS MIDLAND CO
Non-Gov Permit Street Address:	250 GANSON ST
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	BUFFALO
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	14203
Non-Gov Facility Affiliation Type Desc:	Owner

ADM MILLING COMPANY (Continued) **S109371748**

Non-Gov Facility Org Formal Name:	ARCHER DANIELS MIDLAND CO
Non-Gov Facility Street Address:	ADM MILLING COMPANY
Non-Gov Facility Supplemental Location:	250 GANSON ST
Non-Gov Facility City:	BUFFALO
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	14203
State Water Body:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY029
Non-Gov Permit Affiliation Type Desc:	Not reported
Non-Gov Permit Org Formal Name:	Not reported
Non-Gov Permit Street Address:	Not reported
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	Not reported
Non-Gov Permit State Code:	Not reported
Non-Gov Permit Zip Code:	Not reported
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	ARCHER DANIELS MIDLAND CO
Non-Gov Facility Street Address:	ADM MILLING COMPANY
Non-Gov Facility Supplemental Location:	250 GANSON ST
Non-Gov Facility City:	BUFFALO
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	14203
State Water Body:	Not reported

A16 **PILLSBURY CO** **PA MANIFEST** **S111771548**
250 GANSON ST **N/A**
< 1/8 **BUFFALO, NY 14203**
1 ft.

Site 16 of 17 in cluster A

Relative: Higher
Actual: 585 ft.

Manifest Details:

Year:	2005
Manifest Number:	PAH099347
Manifest Type:	TSD Copy
Generator EPA Id:	NYD002108579
Generator Date:	02/21/2005
Mailing Address:	250 GANSON ST
Mailing City,St,Zip:	BUFFALO, NY 14203
Contact Name:	ROBERT MICHELETTI
Contact Phone:	716-849-7311
TSD EPA Id:	PAD067098822
TSD Date:	02/24/2005
TSD Facility Name:	CYCLE CHEM
TSD Facility Address:	550 INDUSTRIAL DR
TSD Facility City:	LEWISBERRY
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D002
Container Number:	1
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	8
Unit:	Gallons (liquids only)
Handling Code:	Not reported

PILLSBURY CO (Continued) **S111771548**

TSP EPA Id:	NYD986980753
Date TSP Sig:	02/21/2005
Year:	2005
Manifest Number:	PAH099347
Manifest Type:	TSD Copy
Generator EPA Id:	NYD002108579
Generator Date:	02/21/2005
Mailing Address:	250 GANSON ST
Mailing City,St,Zip:	BUFFALO, NY 14203
Contact Name:	ROBERT MICHELETTI
Contact Phone:	716-849-7311
TSD EPA Id:	PAD067098822
TSD Date:	02/24/2005
TSD Facility Name:	CYCLE CHEM
TSD Facility Address:	550 INDUSTRIAL DR
TSD Facility City:	LEWISBERRY
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	2
Waste Number:	D001
Container Number:	1
Container Type:	Metal drums, barrels, kegs
Waste Quantity:	5
Unit:	Gallons (liquids only)
Handling Code:	Not reported
TSP EPA Id:	NYD986980753
Date TSP Sig:	02/21/2005

A17 **TRAIN TRACKS** **NY Spills** **S117974726**
250 GANSON ST **N/A**
< 1/8 **BUFFALO, NY**
1 ft.

Site 17 of 17 in cluster A

Relative: Higher
Actual: 585 ft.

SPILLS:

Facility ID:	1503176
Facility Type:	ER
Spill Number:	1503176
DER Facility ID:	353638
Site ID:	509467
DEC Region:	9
Closed Date:	2015-10-13
Spill Cause:	Traffic Accident
Spill Class:	Not reported
SWIS:	1502
Spill Date:	2015-06-22
Investigator:	TDJOHNSO
Referred To:	Not reported
Reported to Dept:	2015-06-22
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported

TRAIN TRACKS (Continued) **S117974726**

Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2015-06-22
Spill Record Last Update:	2015-10-13
Spiller Name:	MIKE RADATZ
Spiller Company:	TM MORLEY
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	MIKE RADATZ
DEC Memo:	"06/22/15 TDJ WENT TO LOCATION WHICH WAS THE SEMI-TRAILER LOADING DOCK PARKING AREA AT THE ADM MILLING FACILITY ON GANSON STREET. A TRAILER LEAVING THE YARD CROSSED THE RISE OVER THE RR TRACKS CATCHING HIS TRAILER SUPPORT STANDS ON A TRACK. THE SUPPORT BROKE AND WAS DRIVEN INTO THE REFRIGERANT DIESEL TANK CAUSING A SPILL. THE DRIVER WENT BACK INTO YARD WHERE APPROX.10-15 GALLONS OF DIESEL FUEL SPREAD ON LOOSE STONE/ASPHALT TO A LOW AREA WHERE WATER HAD COLLECTED. FUEL WAS ON WATER SURFACE AND WAS BOOMED AT EITHER END SO WATER DID NOT REACH THE RIVER NOR DRAIN GRATES. CONTRACTOR WAS BEING RETAINED BY TRUCING FIRM BUT PADS AND SPEEDY DRY WAS USED TO COLLECT FREE FUEL ON WATER AND ASPHALT BEFORE THEY ARRIVED. TRUCKING FIRM: TM MORLEY, 24471 NORTH RIVER ROAD, MT.CLEMENS, MI 586 465-6500 DISPATCH - BRUCE SAFETY - MIKE MORLEY DRIVER - MIKE 06/23/15 TDJ STOPPED BACK AT LOCATION WHERE CONTRACTOR HAD CLEANED SPEEDY DRY AREA AND CLEARED PADS AND BOOMS FROM WATER. SLIGHT SHEEN WAS OBSERVED ON WATER BUT FUEL WAS NOT SEEN ON ANY SURFACES. WILL CONTACT FOR DISPOSAL INFO. 10/13/15 TDJ RECEIVED DISPOSAL INFO FROM TM MORLEY FRO THREE DRUMS OF WASTE GENERATED FROM THE SPILL. MATERIAL WAS SENT TO CINCINNATI FOR DISPOSAL. SITE WAS CLEANED TO SATISFACTION OF DEC SITE MANAGER. NO FURTHER ACTION FILE CLOSED TO ELECTRONIC ONLY"
Remarks:	"While driving over train tracks the fuel tank was ruptured, spilling diesel to the tracks. Clean up is in progress."

All Materials:

Site ID:	509467
Operable Unit ID:	1258753
Operable Unit:	01
Material ID:	2261927
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	8.50
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

---

18 **CONSTRUCTION SITE** **NY Spills** **S121984617**
SSE **95 GANSON ST** **N/A**
< 1/8 **BUFFALO, NY**
0.027 mi.
141 ft.

Relative:
Higher

Actual:
585 ft.

SPILLS:

Facility ID:	1800067
Facility Type:	ER
Spill Number:	1800067

CONSTRUCTION SITE (Continued) **S121984617**

DER Facility ID:	521852
Site ID:	568547
DEC Region:	9
Closed Date:	2018-04-04
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	1502
Spill Date:	2018-04-03
Investigator:	TDJOHNSO
Referred To:	Not reported
Reported to Dept:	2018-04-03
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2018-04-03
Spill Record Last Update:	2018-04-04
Spiller Name:	LISA MONTESANO
Spiller Company:	WARD BURKE EQUIPMENT (CONTRACTOR)
Spiller Address:	95 GANSON ST
Spiller Company:	999
Contact Name:	LISA MONTESANO
DEC Memo:	"04/04/18 TDJ MINOR SPILL OF HYDRAULIC OIL AT CONSTRUCTION SITE. CLEANUP COMPLETE. NO FURTHER ACTION FILE CLOSED TO ELECTRONIC ONLY"
Remarks:	"Spilled to gravel & soil. Cleanup is pending."

All Materials:

Site ID:	568547
Operable Unit ID:	1316423
Operable Unit:	01
Material ID:	2324172
Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

19
South
< 1/8
0.056 mi.
297 ft.

CORNELL LEAD CO. **NY HSWDS** **S108147075**
CORNER OF OAK AND CLINTON AVE. **N/A**
BUFFALO, NY 14203

Relative:
Lower

Actual:
572 ft.

HSWDS:

Facility ID:	Not reported
Region:	9
Facility Status:	None
Owner Type:	Puplic

CORNELL LEAD CO. (Continued) **S108147075**

Owner:	Unknown
Owner Address:	Unknown
Owner Phone:	Unknown
Operator Type:	Puplic
Operator:	Unknown
Operator:	Unknown
Operator Phone:	Unknown
EPA ID:	NYD980531594
Registry:	Not on NYS Registry of Inactive Haz Waste Disposal Sites
Registry Site ID:	Unknown
RCRA Permitted:	Unknown
Site Code:	Industrial Site
Owner City State:	Not reported
Operator City State:	Not reported
Quadrange:	Buffalo Northeast
Latitude:	42 51 45 N
Longitude:	78 52 15 W
Acres:	0.00
Operator Date:	1891
Close Date:	1927
Completed:	PA
Active:	No
PCB's Disposed:	No
Pesticides Disposed:	No
Metals Disposed:	Yes
Asbestos Disposed:	No
Volatile Organic Compounds Disposed:	No
Semi Volatile Organic Compounds Disposed:	No
Analytical Info Exists for Air:	Not reported
Analytical Info Exists for Ground:	None
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Sediments:	Not reported
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Substance:	Not reported
Analytical Info Exists for Waste:	Not reported
Analytical Info Exists for Leachate:	Not reported
Analytical Info Exists for EP Toxicity:	Not reported
Analytical Info Exists for TCLP:	Not reported
Threat to Environment/Public Health:	Unknown
Surface Water Contamination:	No
Surface Water Body Class:	Unknown
Groundwater Contamination:	No
Groundwater Classification:	Unknown
Drinking Water Contamination:	No
Drinking Water Supply is Active:	Unknown
Any Known Fish or Wildlife:	No
Hazardous Exposure:	No
Site Has Controlled Acess:	No
Ambient Air Contamination:	No
Direct Contact:	No
EPA Hazardous Ranking System Score:	Unknown
Inventory:	F
Nefrap:	Not reported
Mailing:	Not reported
Tax Map No:	Not reported
Qualify:	0
Next Action:	Not reported

CORNELL LEAD CO. (Continued) **S108147075**

Agencies:	Not reported
Air:	Not reported
Building:	Not reported
Site Desc:	Not reported
Drink:	Not reported
Eptox:	Not reported
Fish:	Not reported
Ground:	Not reported
Ground Desc:	Not reported
Hazardous Threat:	Not reported
Haz Threat Desc:	Not reported
Leachate:	Not reported
Preparer:	Not reported
Sediment:	Not reported
Soil:	Not reported
Surface:	Not reported
Status:	Not reported
Surface Soil:	Not reported
Surface:	Not reported
TCLP:	Not reported
Waste:	Not reported

B20 **ADM PLANT** **NY Spills** **S103571867**
NNW **250-259 GANSON STREET** **N/A**
< 1/8 **BUFFALO, NY**
0.077 mi.
405 ft. **Site 1 of 7 in cluster B**

Relative: **Lower**

Actual: **583 ft.**

SPILLS:

Facility ID:	9714108
Facility Type:	ER
Spill Number:	9714108
DER Facility ID:	229599
Site ID:	282820
DEC Region:	9
Closed Date:	1998-05-19
Spill Cause:	Other
Spill Class:	E6
SWIS:	1502
Spill Date:	1998-03-01
Investigator:	RMCROSSE
Referred To:	Not reported
Reported to Dept:	1998-03-19
CID:	999
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	1998-05-19
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-03-19
Spill Record Last Update:	1998-05-21
Spiller Name:	Not reported
Spiller Company:	NONE
Spiller Address:	Not reported

ADM PLANT (Continued) **S103571867**

Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was RMC 05/19/98 RMC/SITE INSPECTED EXTERIOR OF PROPERTY, FOUND NO DRUMS AND NO SPILLAGE, TO REFER TO RECRA FOR INSPECTION OF STORAGE PRACTICES OF MATERIALS USED, CLOSE OUT AS SPILL ISSUE."
Remarks:	"NOTED NUMEROUS CONTAINERS (5-55 GAL) MRKED POISON WHILE RESPONDING TO A FIRE CALL."

All Materials:

Site ID:	282820
Operable Unit ID:	1059998
Operable Unit:	01
Material ID:	325086
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

B21 **BUFFALO INDUSTRIAL DIVING** **NY Spills** **S105057839**
NNW **201 GANSON STREET** **N/A**
< 1/8 **BUFFALO, NY**
0.081 mi.
427 ft. **Site 2 of 7 in cluster B**

Relative: **Lower**

Actual: **581 ft.**

SPILLS:

Facility ID:	0175467
Facility Type:	ER
Spill Number:	0175467
DER Facility ID:	108085
Site ID:	124854
DEC Region:	9
Closed Date:	2002-01-12
Spill Cause:	Other
Spill Class:	C3
SWIS:	1502
Spill Date:	2001-12-31
Investigator:	MXFRANKS
Referred To:	Not reported
Reported to Dept:	2001-12-31
CID:	Not reported
Water Affected:	BUFFALO RIVER
Spill Source:	Vessel
Spill Notifier:	Responsible Party
Cleanup Ceased:	2002-01-12
Cleanup Meets Std:	True
Last Inspection:	2002-01-01
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2001-12-31
Spill Record Last Update:	2002-01-12
Spiller Name:	MARK JUDD

BUFFALO INDUSTRIAL DIVING (Continued) **S105057839**

Spiller Company:	BUFFALO INDUSTRIAL DIVING
Spiller Address:	201 GANSON STREET
Spiller Company:	001
Contact Name:	MARK JUDD
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MF 12/31/01: MF S/I/MARK JUDD, OWNER OF BUFFALO DIVERS. 40' TUG NAMED DEEP SEE TIED UP TO THE DOCK SUNK IN APPX 5' OF WATER DUE TO SNOW LOAD. LOST APPX 10 GALLONS OF DIESEL FUEL. FUEL LOCKED UP IN THE ICE AROUND THE BOAT. BOAT HOLDS 400 GALLONS WAS FILLED IN ROCHESTER THEN SAILED TO BUFFALO. ALL SPILLAGE IN THE RIVER. THE USCG, GLEN VINCENT ARRIVED. THEY WILL HANDLE CLEANUP. EP&S HIRED BY RP. BOAT IS FLOATING NOW, IT WILL BE LIFTED OUT THE THE WATER TOMORROW & STAGED ON THE SURFACE. IT IS DARK NOW. 01/01/02: MF S/I/USCG, EP&S & BUFFALO DIVERS (MARK BARR & APPX 10 EMPLOYEES). BOAT REMOVED FROM THE RIVER & PUT ON LAND. CONTAMINATED ICE IN THE RIVER TO BE REMOVED & PLACED IN A PLASTIC DIKED AREA. THE COAST GUARD WILL HANDLE CLEANUP. NO FURTHER ACTION NECESSARY BY THIS UNIT.*********COMPUTER FILE ONLY******"
Remarks:	"40' TUG TIED UP TO DOCK SUNK IN 5' OF WATER DUE TO SNOW LOAD"

All Materials:

Site ID:	124854
Operable Unit ID:	853238
Operable Unit:	01
Material ID:	524799
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	50.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Facility ID:	0175122
Facility Type:	ER
Spill Number:	0175122
DER Facility ID:	264919
Site ID:	329194
DEC Region:	9
Closed Date:	2003-04-17
Spill Cause:	Unknown
Spill Class:	B3
SWIS:	1502
Spill Date:	2001-05-31
Investigator:	FXGALLEG
Referred To:	Not reported
Reported to Dept:	2001-05-31
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0

BUFFALO INDUSTRIAL DIVING (Continued) **S105057839**

Date Entered In Computer:	2001-05-31
Spill Record Last Update:	2003-04-17
Spiller Name:	DANIELLE MCNAMARA
Spiller Company:	ONTARIO SPECIALITY CONTRA
Spiller Address:	333 GANSON
Spiller Company:	001
Contact Name:	RODGER BAILEY
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was FG 5/31/01 FG SITE INSPECTION. MET MARK JUDD WHO WILL BE PURCHASING THE PROPERTY. HE SAID HE IS EXCAVATING TO TRY TO LOCATE A FORMER 14000 GALLON UST WHICH HAD BEEN IDENTIFIED AS PART OF A PHASE I COMPLETED ON THE PROPERTY. HE WILL BE EXCAVATING FOR ANOTHER POTENTIAL UST ON THE PROPERTY AS WELL. HE SAID ONTARIO SPECIALTY WILL BE RESPONSIBLE FOR THE REMEDIATION OF THE PETROLEUM CONTAMINATION DISCOVERED. THEY HAVEN'T FOUND ANY UST'S BUT DID LOCATE AN AREA OF PETROLEUM CONTAMINATED SOIL. SPOKE TO DANIELLE MCNAMARA WITH OSC. SHE WILL PROVIDE A COPY OF THE PHASE I. OSC WILL DISPOSE OF THE SOIL AT MODERN. THEY WILL COLLECT EXCAVATION SAMPLES AND PROVIDE DISPOSAL RECEIPTS. SHE SAID THE EXCAVATION WILL BE COMPLETED TODAY AND NO UST'S WERE LOCATED. 6/5/01 FG SPOKE TO JOHN BLACK WHO IS WORKING FOR THE PURCHASER, MARK JUDD. HE WILL SEND ME THE OWNER INFORMATION AND A COPY OF THE PHASE I COMPLETED. 6/14/01 FG DAVE DENK, MARTY DOSTER, MARK JUDD AND JOHN SCHENNE ALL MET REGARDING THIS SITE. MARK JUDD DID SOME TEST PITTING ON THE PROPERTY AND COLLECTED SOIL SAMPLES. SEVERAL OF THE TEST PITS ARE ABOVE TAGM LEVELS AND WOULD REQUIRE REMEDIATION. MR. JUDD WAS PLANNING ON EXCAVATING A FORMER SLIP ON THE PROPERTY. HE WOULD BE REQUIRED TO DISPOSE OF THAT MATERIAL BECAUSE IT IS OVER STARS. THE OTHER AREAS WOULD ALSO REQUIRE REMEDIATION. MARTY DOSTER DISCUSSED VOLUNTARY CLEANUPS AND BROWNFIELDS FOR THE SITE. MR. JUDD WILL CONSIDER ALL HIS OPTIONS AND GET BACK TO THIS OFFICE. THE CURRENT OWNER IS 201 GANSON ST INC. MR JUDD IS A POTENTIAL PURCHASER. HE WILL SUBMIT THE PHASE I & II COMPLETED FOR THIS SITE WITHIN THE NEXT SEVERAL WEEKS FOR REVIEW. 7/12/01 CALLED JOHN BLACK 703-709-6500 AND LEFT A MESSAGE FOR HIM TO RETURN THE CALL. CALLED DANIELLE MCNAMARA WITH OSC WHO SAID TO CALL JOHN BLACK. SHE SAID NOTHING HAS BEEN DONE ON THE SITE. SHE HAS THE LANDFILL APPROVAL AND IS WAITING FOR JOHN BLACK TO TELL HER WHAT TO DO. I REQUESTED THAT SHE TELL JOHN BLACK TO CALL ME AND TO GET ME THE PHASE I &II. SHE SAID BUFFALO INDUSTRIAL DIVING IS STILL BUYING THE PROPERTY. SHE DOES NOT KNOW THE ADDRESS OF THE OWNER OF THE PROPERTY. THE OWNER IS 201 GANSON ST, INC. CALLED MARK JUDD AND LEFT A MESSAGE FOR HIM TO CALL. 7/12/01 MARK JUDD CALLED AND SAID THAT HE WILL PROVIDE THE PHASE I & II COMPLETED FOR THE SITE. HE NEEDS TO HAVE THE NYSDEC EVALUATION OF WHAT WOULD BE REQUIRED BASED ON THESE REPORTS. WE AGREED THAT WE WOULD NEED TO MEET AGAIN WITH ALL INVOLVED PARTIES. MR. JUDD SAID HE HAS A CONTRACT TO PURCHASE THE PROPERTY AND COULD NOT AFFORD TO STAY IN BUSINESS IF WE REQUIRE REMEDIATION IN AREAS THAT HE WASN'T PLANNING ON REMOVING FOR THE SLIP. 11/05/01: FG SENT LETTER TO ONTARIO SPECIALTY REQUESTING THAT THEY COMPLETE SITE WORK OR SIGN A RIGHT-OF-ENTRY TO ALLOW NYSDEC TO COMPLETE SITE WORK BY 11/26/01. 12/11/01: MF FOR FG LETTER TO RP REQUESTING EXCAVATION SAMPLING RESULTS, SOIL DISPOSAL RECEIPTS & A WORK PLAN FOR ADDITIONAL REMEDIATION BY 1/9/02. 01/04/02: MF FOR FG DAVID FLYNN ATTY FOR OSC SUBMITTED 12/17/01 LETTER INDICATING HE WILL PROVIDE THE DISPOSAL RECEIPTS & EXCAVATION SAMPLE RESULTS SHORTLY. THE LETTER ALSO STATED THAT NO FURTHER WORK WOULD BE NECESSARY AT THE DRY DOCK AREAS. DEC RESPONDED INDICATING TEST PITS SHOWED LUBE OIL PRESENT IN ALL BUT 2

BUFFALO INDUSTRIAL DIVING (Continued) **S105057839**

TEST PITS, TP-10 & 11 HAVE EXCEEDANCES FOR TAGM LEVELS. REMEDIATION REQUESTED, PROPOSAL DUE 2/7/02. 03/07/02: MF FOR FG MEETING HELD AT DEC OFFICE WITH DAVE FLYNN, JIM WILLIAMS, JOHN BLACK, JACK AVERSA, PJB & FG. CONCLUSION WAS THAT JIM WILLIAMS WILL PROVIDE EXCAVATION SAMPLE RESULTS. THEY WILL NOTIFY THIS OFFICE WHEN THEY WILL DO THE SAMPLING SO WE CAN BE ON SITE. THEY WILL PROVIDE INFORMATION FROM THE PHASE 2 THAT WILL INCLUDE A DESCRIPTION OF THE SAMPLING THAT WAS COMPLETED. NYSDEC WILL THAN MAKE A DECISION ON THE NEED FOR REMEDIATION. THE DISPOSAL RECEIPTS FOR THE EXCAVATION COMPLETED IN THE FORMER UST AREA HAVE BEEN PROVIDED. 04/17/02 RMC/SITE. 1130AM, NO NEW EXCAVATION NOTED, BLACKTOP NEAR BUILDING ADJACENT THE FENCE HAS BEEN REMOVED, NO ONE ON SITE. 04/17/02 RMC/SITE. 4PM, MET MARK JUDD, BUFFALO INDUSTRIAL. THEY ARE THE PROSPECTIVE BUYERS. EXCAVATION DUG AND BACKFILLED. HE DID NOTICE WATER AND PETROLEUM ODORS. RMC TO RETURN TOM. AT 1130 AM TO INSPECT THE EXCAVATION. 04/18/02 RMC/SITE. 1130AM MET JOHN YENSAN, OSC THE OWNERS OF THE PROPERTY. HE TOOK THE MACHINE TO ANOTHER JOB WITH OUT OPENING THE EXCAVATION FOR INSPECTION. HE STATED THAT HE TOOK SAMPLES AND PICTURES, HE ALSO NOTED SLIGHT PETROLEUM ODORS. 05/31/02 RMC/JOHN YENSAN, OSC/SITE. TEST PIT DUG 10 FOOT DIAMETER, 8 FEET DEEP. SLIGHT SHEEN ON THE WATER. NO ELEVATED PID READINGS FROM SOIL EXCAVATED. DISCOLORED BACKFILL MATERIAL THRU THE ENTIRE DEPTH. OSC TOOK 5 SAMPLES FOR 8021/8270, STARS. 1/14/03 PJB INDICATED THAT OSC WAS WILLING TO COMPLETE ADDITIONAL GROUNDWATER WELLS ON SITE LAST FALL BUT HE HAS NOT HEARD FROM THEM AND THEY HAVE NOT COMPLETED THE SITE WORK YET. PJB WILL CONTACT OSC AND DAVID FLYNN AGAIN. 3/18/03 FG SITE INSPECTION. MET GREG FLIK WITH EMPIRE GEO SERVICES (SJB). HE SAID HE COMPLETED ONE WELL AND FOUND NO CONTAMINATION. THE OTHER ONE HAD SOME CRESOTE BUT NO SHEENING OR OIL. THE WELLS WILL BE SAMPLED AND WATER ELEVATIONS TAKEN LATER IN THE WEEK. 4/17/03 RECEIVED THE REPORT OF THE FINDINGS FROM THE INSTALLATION OF TWO WELLS AND SAMPLING OF ALL SITE WELLS. GROUNDWATER RESULTS SLIGHTLY EXCEED GROUNDWATER STANDARDS AT MW1, MW4 AND MW7. DUE TO THE REPORTED PRESENCE OF PETROLEUM IN THE SUBSURFACE SOILS AND THE EXCEEDANCE OF TAGM LEVELS AT THOSE LOCATIONS, THE SITE WILL BE MADE INACTIVE. AN INACTIVE LETTER HAS BEEN SENT OUT."

Remarks: "FOUND CONTAMINATION WHILE EXCAVATING, SIGNIFICANT"

All Materials:

Site ID:	329194
Operable Unit ID:	850537
Operable Unit:	01
Material ID:	524443
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

B22 **METSO (NORDBERG) NO # SN 20360448** **ABANDONED MINES** **1018217508**
NNW **201 GANSON STREET** **N/A**
< 1/8 **BUFFALO, NY 14203**
0.081 mi.
427 ft. **Site 3 of 7 in cluster B**

Relative: **Lower**
Actual: **581 ft.**

ABANDONED MINES:

Mine ID:	3003639
Mine Type:	Surface
Mine Status Description:	Abandoned
Mine Status Date:	2012-04-17 00:00:00
Coal (C) or Metal (M) Mine:	M/NM
Controller ID:	0077313
Controller Name:	David Pfeiffer
Operator ID:	0092125
Operator name:	Man O'Trees Inc
Address of Record Street:	201 Ganson Street
Address of Record PO Box:	Not reported
Address of Record City:	Buffalo
Address of Record State:	NY
Address of Record Zip Code:	14203
Assessment Address Street:	201 Ganson Street
Assessment Address PO Box:	0
Assessment Address City:	Buffalo
Assessment Address State:	NY
Assessment Address Zip Code:	14203
Mine Health and Safety Address Street:	201 Ganson Street
Mine Health and Safety Address PO Box:	0
Mine Health and Safety Address City:	Buffalo
Mine Health and Safety Address State:	NY
Mine Health and Safety Address Zip Code:	14203
Latitude:	42.841111
Longitude:	-78.754444

B23 **USEPA BUFFALO RIVER DREDGING NOTIFICATION OF PCB A** **RCRA-LQG** **1000346058**
NNW **201 GANSON ST** **FINDS** **NYD986894418**
< 1/8 **BUFFALO, NY 14203** **ECHO**
0.081 mi.
427 ft. **Site 4 of 7 in cluster B**

Relative: **Lower**
Actual: **581 ft.**

RCRA-LQG:

Date form received by agency:	09/15/2014
Facility name:	USEPA BUFFALO RIVER DREDGING NOTIFICATION OF PCB ACTIVITY
Facility address:	201 GANSON ST BUFFALO, NY 14203-3047
EPA ID:	NYD986894418
Mailing address:	77 W JACKSON BLVD (G-17J) CHICAGO, IL 60604
Contact:	SCOTT CIENIAWSKI
Contact address:	77 W JACKSON BLVD (G-17J) CHICAGO, IL 60604
Contact country:	US
Contact telephone:	312-353-9184
Contact email:	CIENIAWSKI.SCOTT@EPA.GOV
EPA Region:	02
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the

USEPA BUFFALO RIVER DREDGING NOTIFICATION OF PCB ACTIVITY (Continued) **1000346058**

cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	USEPA REGION 5
Owner/operator address:	W JACKSON BLVD (G-17J) CHICAGO, IL, IL 60604
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Federal
Owner/Operator Type:	Operator
Owner/Op start date:	09/15/2014
Owner/Op end date:	Not reported

Owner/operator name:	COWPER SIEGFRIED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

. Waste code:	B007
. Waste name:	B007

USEPA BUFFALO RIVER DREDGING NOTIFICATION OF PCB ACTIVITY (Continued) **1000346058**

Historical Generators:
Date form received by agency: 01/01/2007
Site name: COWPER SIEGFRIED CONSTRUCTION
Classification: Not a generator, verified

Date form received by agency: 01/01/2006
Site name: COWPER SIEGFRIED CONSTRUCTION
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: COWPER SIEGFRIED CONSTRUCTION
Classification: Not a generator, verified

Date form received by agency: 04/06/1990
Site name: COWPER SIEGFRIED CONSTRUCTION
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110009478145

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

USEPA BUFFALO RIVER DREDGING NOTIFICATION OF PCB ACTIVITY (Continued) **1000346058**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000346058
Registry ID: 110009478145
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009478145

B24
NNW
< 1/8
0.081 mi.
427 ft.

COWPER SIEGFRIED CO., INC.
201 GANSON ST.
BUFFALO, NY 14203

Site 5 of 7 in cluster B

NY UST **U003318162**
N/A

Relative:
Lower

Actual:
581 ft.

UST:
Id/Status: 9-437093 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 9
Expiration Date: N/A
UTM X: 183783.96871
UTM Y: 4753311.63968
Site Type: Unknown

Affiliation Records:
Site Id: 54276
Affiliation Type: Facility Owner
Company Name: COWPER SIEGFRIED CO., INC.
Contact Type: Not reported
Contact Name: Not reported
Address1: 1 TOWNE CENTRE
Address2: Not reported
City: AUDUBON-AMHERST
State: NY
Zip Code: 14228
Country Code: 001
Phone: (716) 689-8500
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 54276
Affiliation Type: Mail Contact
Company Name: COWPER SIEGFRIED CO., INC.
Contact Type: Not reported
Contact Name: Not reported
Address1: 1 TOWNE CENTRE
Address2: Not reported
City: AUDUBON-AMHERST
State: NY
Zip Code: 14228
Country Code: 001

COWPER SIEGFRIED CO., INC. (Continued) **U003318162**

Phone:	(716) 689-8500
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	54276
Affiliation Type:	Facility Operator
Company Name:	COWPER SIEGFRIED CO., INC.
Contact Type:	Not reported
Contact Name:	COWPER SIEGFRIED CO., INC.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(716) 845-6767
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	54276
Affiliation Type:	Emergency Contact
Company Name:	COWPER SIEGFRIED CO., INC.
Contact Type:	Not reported
Contact Name:	D.T. SULLIVAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(716) 947-5844
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	169793
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	8000
Install Date:	08/01/1973
Date Tank Closed:	05/01/1989
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel

Tightness Test Method:	NN
Date Test:	Not reported

COWPER SIEGFRIED CO., INC. (Continued) **U003318162**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: 002
Tank ID: 169794
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 08/01/1973
Date Tank Closed: 05/01/1989
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel

B25 **USEPA BUFFALO RIVER DREDGING NOTIFICATION OF PCB A** **NY MANIFEST** **S117735969**
NNW **201 GANSON ST** **N/A**
< 1/8 **BUFFALO, NY 14203**
0.081 mi.
427 ft. **Site 6 of 7 in cluster B**

Relative: NY MANIFEST:
Lower
Country: USA
Actual: EPA ID: NYD986894418
581 ft. Facility Status: Not reported
Location Address 1: 201 GANSON STREET

USEPA BUFFALO RIVER DREDGING NOTIFICATION OF PCB ACTIVITY (Continued) **S117735969**

Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BUFFALO
Location State:	NY
Location Zip:	14203
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD986894418
Mailing Name:	USEPA BUFFALO RIVER DREDGING NOTIFICATION OF PCB ACTIVITY
Mailing Contact:	SCOTT CIENIAWSKI
Mailing Address 1:	77 W JACKSON BLVD - G17J
Mailing Address 2:	Not reported
Mailing City:	CHICAGO
Mailing State:	IL
Mailing Zip:	60604
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	3123539184

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NYD986969947
Trans2 State ID:	Not reported
Generator Ship Date:	12/17/2014
Trans1 Recv Date:	12/17/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/17/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986894418
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD049836679
TSDF ID 2:	Not reported
Manifest Tracking Number:	002580721GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H132
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported

USEPA BUFFALO RIVER DREDGING NOTIFICATION OF PCB ACTIVITY (Continued) **S117735969**

Quantity:	16738
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1
Container Type:	DT - Dump trucks
Handling Method:	L Landfill.
Specific Gravity:	1
Waste Code:	B007
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

C26 **BOUTELL SERVICE CO TRUCK REPR** **EDR Hist Auto** **1014537276**
East **485 OHIO ST** **N/A**
< 1/8 **BUFFALO, NY**
0.088 mi.
466 ft. **Site 1 of 6 in cluster C**

Relative: EDR Hist Auto
Lower

Actual: **575 ft.**

Year:	Name:	Type:
1950	BOUTELL SERVICE CO TRUCK REPR	AUTOMOBILE REPAIRING
1969	TRANSPORT SVS & BRAKE SLS*	Motor Vehicle Supplies And New Parts
1970	TRANSPORT SVS & BRAKE SLS*	Motor Vehicle Supplies And New Parts

---

C27 **SAMS TRUCK & TOURIST SERVICE** **EDR Hist Auto** **1014538948**
ESE **511 OHIO ST** **N/A**
< 1/8 **BUFFALO, NY**
0.089 mi.
468 ft. **Site 2 of 6 in cluster C**

Relative: EDR Hist Auto
Lower

Actual: **574 ft.**

Year:	Name:	Type:
1935	SLEPIAN SAML FILLING STA	GASOLINE AND OIL SERVICE STATIONS
1940	SONN THOBURN AUTO REPR	AUTOMOBILE REPAIRING
1940	SLEPIAN SAML FILLING STA	GASOLINE AND OIL SERVICE STATIONS
1950	SAMS TRUCK & TOURIST SERVICE	GASOLINE STATIONS
1955	MINK SOL GAS STA	GASOLINE STATIONS

C28 **NIAGARA MOHAWK POLE 513** **NY Spills** **S102963823**
ESE **511 OHIO STREET** **N/A**
< 1/8 **BUFFALO, NY**
0.089 mi.
468 ft. **Site 3 of 6 in cluster C**

Relative:
Lower

Actual:
574 ft.

SPILLS:

Facility ID:	9711622
Facility Type:	ER
Spill Number:	9711622
DER Facility ID:	184508
Site ID:	223144
DEC Region:	9
Closed Date:	1998-01-16
Spill Cause:	Traffic Accident
Spill Class:	D3
SWIS:	1502
Spill Date:	1998-01-16
Investigator:	MXFRANKS
Referred To:	Not reported
Reported to Dept:	1998-01-16
CID:	255
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Affected Persons
Cleanup Ceased:	1998-01-16
Cleanup Meets Std:	True
Last Inspection:	1998-01-16
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-01-16
Spill Record Last Update:	1998-01-27
Spiller Name:	RICHARD HELFRICH
Spiller Company:	NIAGARA MOHAWK
Spiller Address:	1720 NEW ROAD
Spiller Company:	001
Contact Name:	ROBERT KOTTAS
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MF 01/16/98: MF S/V/RUSS FREUND, NIMO FOREMAN. POLE HIT IN TRAFFIC ACCIDENT. DROPPED TWO POLE TRANSFORMERS. 1 SPILLED APPX 2 GALLONS OF NON PCB FLUID IN THE STREET, DI APPX 15' AWAY. CREW CLEANED, I DID NOT NOTICE ANY SHEENING IN THE STREET. SMALL SPILL, A LOT OF SPEEDY DRY USED. NO FURTHER ACTION NECESSARY."
Remarks:	"Tractor trailer hit pole causing bushings to break and pole to come to ground."

All Materials:

Site ID:	223144
Operable Unit ID:	1054394
Operable Unit:	01
Material ID:	326270
Material Code:	0016A
Material Name:	non PCB oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	2.00
Oxygenate:	Not reported

NIAGARA MOHAWK POLE 513 (Continued) **S102963823**

Facility ID:	0303582
Facility Type:	ER
Spill Number:	0303582
DER Facility ID:	142523
Site ID:	169278
DEC Region:	9
Closed Date:	2003-07-08
Spill Cause:	Deliberate
Spill Class:	C3
SWIS:	1502
Spill Date:	2003-07-06
Investigator:	RJJONAK
Referred To:	Not reported
Reported to Dept:	2003-07-06
CID:	418
Water Affected:	BUFFALO RIVER
Spill Source:	Unknown
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	2003-07-06
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-07-06
Spill Record Last Update:	2003-07-08
Spiller Name:	CAPT. CLAUS NORENZ
Spiller Company:	V SHIPS CANADA
Spiller Address:	750 VICTORIA SQUARE
Spiller Company:	039
Contact Name:	ANYONE AT THE ABOVE #
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was RJJ 7/6/2003: RJJ AT SITE AT 1600...IN THE WATER BEHIND 511 OHIO ST.,THERE IS A SMALL AMOUNT OF PAINT ON THE DOCK AND ON ONE OF THE BOATS DOCKED THERE...IT CAME FROM ACROSS THE RIVER.FROM A BARGE,(NAMED THE ENGISH RIVER),FROM THE OVER SPRAY WHILE PAINTING...I SPOKE WITH CAPT. CLAUS NORENZ AND HE SENT 2 MEN TO CLEAN UP THE PROBLEM...ONLY A SMALL AMOUNT OF PAINT REACHED THE DOCK AND BOAT,SO THE CLEAN UP WAS EASY...NO FURTHER ACTION NEEDED...SPILL CLOSED OUT... RECEIVED THE NRC REPORT OF THIS INCIDENT."
Remarks:	"caller states that subj are painting a barge and that the paint is getting inot the water and onto other boats"

All Materials:

Site ID:	169278
Operable Unit ID:	871632
Operable Unit:	01
Material ID:	504447
Material Code:	0055A
Material Name:	paint
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

C29
ESE
< 1/8
0.089 mi.
468 ft.

TUG BOAT
511 OHIO ST
BUFFALO, NY

Site 4 of 6 in cluster C

NY Spills **S122478610**
N/A

Relative:
Lower

Actual:
574 ft.

SPILLS:

Facility ID:	1801660
Facility Type:	ER
Spill Number:	1801660
DER Facility ID:	142523
Site ID:	570200
DEC Region:	9
Closed Date:	2018-05-14
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	1502
Spill Date:	2018-05-14
Investigator:	FXGALLEG
Referred To:	Not reported
Reported to Dept:	2018-05-14
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2018-05-14
Spill Record Last Update:	2018-05-14
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	Not reported
Contact Name:	Not reported
DEC Memo:	"5/14/18 FG site inspection. Whatever discharge there was had dissipated. FG spoke to Rowan Kennedy who agreed. No further action is necessary. Closed."
Remarks:	"A tug boat assisting a Lafarge boat spilled diesel onto the buffalo river in front of the Bison City Rod and Gun Club"

All Materials:

Site ID:	570200
Operable Unit ID:	1318048
Operable Unit:	01
Material ID:	2325972
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

B30
NNW
< 1/8
0.094 mi.
494 ft.

RAIL ROAD TRACK
211 GANSON STREET
BUFFALO, NY

Site 7 of 7 in cluster B

NY Spills **S118262507**
N/A

Relative:
Lower

Actual:
583 ft.

SPILLS:

Facility ID:	1507396
Facility Type:	ER
Spill Number:	1507396
DER Facility ID:	469317
Site ID:	514878
DEC Region:	9
Closed Date:	2016-02-11
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	1502
Spill Date:	2015-10-14
Investigator:	FXGALLEG
Referred To:	Not reported
Reported to Dept:	2015-10-14
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2015-10-14
Spill Record Last Update:	2016-02-11
Spiller Name:	MIKE
Spiller Company:	UNKNOWN
Spiller Address:	211 GANSON STREET
Spiller Company:	999
Contact Name:	MIKE
DEC Memo:	"10/14/15 FG SITE INSPECTION. BFD, ON SITE. TERRY DICKINSON WAS ON SITE. ICELAND TRANSPORT LOST THE 25 GALLON REFRIGERANT DIESEL TANK WHEN TRAVELING OVER THE RAILROAD TRACKS LEADING INTO ADM ON GANSON ST. APPROXIMATELY 8 GALLONS RELEASED FROM THE TANK. THE REMAINDER WAS IN THE TANK. ICELAND TRANSPORT DID NOT HAVE THE ABILITY TO HIRE A CLEANUP COMPANY AND TOLD THE DEPARTMENT TO CALL OUR CONTRACTOR ON SITE TO COMPLETE THE CLEANUP. FG CALLED BOB AT ICELAND TRANSPORT 1-800-523-2267. NATIONAL VAC, JOHN KOZLOWSKI ARRIVED ON SITE TO COMPLETE THE CLEANUP. THEY PLANNED TO SWEEP UP THE SPEEDI DRY TO DRUMS AND VAC OUT THE DIESEL FROM THE TANK FOR DISPOSAL. THEY WILL DISPOSE OF THE WASTE AND WILL BILL ICELAND TRANSPORT DIRECTLY. BUFFALO FIRE USED 15 BAGS OF SPEEDI DRY AND ONE PLUG WHICH THEY WOULD LIKE REPLACED. 2/10/16 FG CONTACTED NATIONAL VAC FOR DISPOSAL RECEIPTS. THEY SAID THEY HAVE THEM AND WILL FORWARD COPIES. 2/11/16 DISPOSAL RECEIPTS FOR 3 DRUMS OF CLEANUP DEBRIS PROVIDED FOR DISPOSAL AT EICS. NO FURTHER WORK IS REQUIRED. THE SITE IS CLOSED. ELECTRONIC FILE ONLY."
Remarks:	"clean up is started Requesting call back"

All Materials:

Site ID:	514878
Operable Unit ID:	1264055

RAIL ROAD TRACK (Continued) **S118262507**

Operable Unit:	01
Material ID:	2267801
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

D31 **GREAT LAKES PAPER FIBRES CORP.** **NY SWRCY** **S105141016**
ENE **441 OHIO STREET** **NY Spills** **N/A**
< 1/8 **BUFFALO, NY 14204**
0.096 mi.
509 ft. **Site 1 of 4 in cluster D**

Relative:
Lower

Actual:
574 ft.

SWRCY:

Region:	9
Facility Address 2:	Not reported
Phone Number:	7168543232
Owner Type:	Private
Owner Name:	Great Lakes Paper Fibre Corp.
Owner Address:	1885 Harlem Road Site 1
Owner Address 2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14212
Owner Email:	Not reported
Owner Phone:	7168543232
Contact Name:	Nick Nemeti
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	NY
Contact Email:	nitemen2121@yahoo.com
Contact Phone:	7168543232
Activity Desc:	RHRF - registration
Activity Number:	[15M45]
Active:	No
East Coordinate:	184033
North Coordinate:	4753098
Accuracy Code:	4.3 - Utilization of Digital Orthophoto Quads
Regulatory Status:	Registration
Permit #:	15M45
Auth. Date:	01/26/1994
Expiration Date:	Not reported
Waste Types:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	Not reported

SPILLS:

Facility ID:	0104509
Facility Type:	ER
Spill Number:	0104509
DER Facility ID:	165372
Site ID:	198704
DEC Region:	9

GREAT LAKES PAPER FIBRES CORP. (Continued) **S105141016**

Closed Date:	2001-10-01
Spill Cause:	Traffic Accident
Spill Class:	C3
SWIS:	1502
Spill Date:	2001-07-26
Investigator:	MXFRANKS
Referred To:	Not reported
Reported to Dept:	2001-07-27
CID:	211
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	2001-10-01
Cleanup Meets Std:	True
Last Inspection:	2001-07-27
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2001-07-27
Spill Record Last Update:	2001-10-01
Spiller Name:	FRANK GRABOWSKI
Spiller Company:	NIAGARA MOHAWK
Spiller Address:	7437 HENRY CLAY BLVD
Spiller Company:	001
Contact Name:	DON STAMMER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MF 07/27/01: MF T/C FRANK GROBOWSKI, NI MO, TRAFFIC ACCIDENT. POLE BROKE HOLDING 3 POLE TX'S BROKE. FIELD TEST KIT USED TO TEST LIQUID > 5O PPM. LIQUID SENT TO LAB FOR ANALYTICAL. SPILLAGE CLEANED. S/I NO ONE ON SITE, NEW POLE & TX'S IN PLACE. SPILL AREA BACKFILLED. 07/30/01: MF RECEIVED FAX OF TX [3] LIQUID SAMPLE RESULTS. TX 1 - 8.2 PPM 1260 TX 2 - BDL TX 3 - 7.6 1260 09/25/01: MF 1ST DISPOSAL LETTER, DUE 10/12/01. 10/01/01: MF RECEIVED DISPOSAL RECEIPT, NO FURTHER ACTION NECESSARY."
Remarks:	"tractor tailer struck pole causing transformer to leak - repair made spill cleaned up - above 50 ppm pcb"

All Materials:

Site ID:	198704
Operable Unit ID:	842898
Operable Unit:	01
Material ID:	533001
Material Code:	0020A
Material Name:	transformer oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	30.00
Units:	G
Recovered:	30.00
Oxygenate:	Not reported

Facility ID:	9309692
Facility Type:	ER
Spill Number:	9309692
DER Facility ID:	118033
Site ID:	138028
DEC Region:	9

GREAT LAKES PAPER FIBRES CORP. (Continued) **S105141016**

Closed Date:	1993-11-19
Spill Cause:	Unknown
Spill Class:	E6
SWIS:	1502
Spill Date:	1993-11-10
Investigator:	SORGI
Referred To:	Not reported
Reported to Dept:	1993-11-10
CID:	Not reported
Water Affected:	LAKE ERIE
Spill Source:	Unknown
Spill Notifier:	Federal Government
Cleanup Ceased:	1993-11-19
Cleanup Meets Std:	True
Last Inspection:	1993-11-10
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1993-11-16
Spill Record Last Update:	1993-11-26
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MJS 11/19/93: *****DUPLICATE OF SPILL #9310273 - REFER TO THAT NUMBER*****. "
Remarks:	"LIGHT BROWN FOAMY SHEEN"

All Materials:

Site ID:	138028
Operable Unit ID:	988789
Operable Unit:	01
Material ID:	392347
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

Site ID:	138028
Operable Unit ID:	988789
Operable Unit:	01
Material ID:	392348
Material Code:	0572A
Material Name:	grain
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

GREAT LAKES PAPER FIBRES CORP. (Continued) **S105141016**

Facility ID:	9310273
Facility Type:	ER
Spill Number:	9310273
DER Facility ID:	118033
Site ID:	138029
DEC Region:	9
Closed Date:	1993-11-10
Spill Cause:	Unknown
Spill Class:	E6
SWIS:	1502
Spill Date:	1993-11-10
Investigator:	SORGI
Referred To:	Not reported
Reported to Dept:	1993-11-10
CID:	Not reported
Water Affected:	BUFFALO RIVER
Spill Source:	Unknown
Spill Notifier:	Federal Government
Cleanup Ceased:	1993-11-10
Cleanup Meets Std:	True
Last Inspection:	1993-11-10
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1993-11-24
Spill Record Last Update:	1993-11-26
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MJS 11/10/93: MJS/SITE - INSPECTED MICHIGAN ST. BRIDGE AND OHIO ST. BRIDGE. NO SHEEN OR PRODUCT FOUND. ALSO CHECKED CANAL ALONG OHIO ST.; NOTHING FOUND. 11/10/93: USCG CALLED DEC. THEY HAVE DETERMINED THAT PRODUCT IS GRAIN. THEY WILL TAKE NO ACTION. NO FURTHER ACTION NECESSARY. MJS TO CLOSE FILE. "
Remarks:	"BROWN FOAMY SUBSTANCE ON RIVER"

All Materials:

Site ID:	138029
Operable Unit ID:	989179
Operable Unit:	01
Material ID:	392897
Material Code:	0572A
Material Name:	grain
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

Site ID:	138029
Operable Unit ID:	989179
Operable Unit:	01
Material ID:	392896
Material Code:	0066A

GREAT LAKES PAPER FIBRES CORP. (Continued) **S105141016**

Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

E32 **EXCAVATION** **NY Spills** **S117267301**
ESE **OHIO ST @ ST CLAIR** **N/A**
< 1/8 **BUFFALO, NY**
0.102 mi.
540 ft. **Site 1 of 5 in cluster E**

Relative: **Lower**

Actual: **575 ft.**

SPILLS:

Facility ID:	1402338
Facility Type:	ER
Spill Number:	1402338
DER Facility ID:	450543
Site ID:	495660
DEC Region:	9
Closed Date:	2014-10-03
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	1502
Spill Date:	2014-06-03
Investigator:	FXGALLEG
Referred To:	Not reported
Reported to Dept:	2014-06-03
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2014-06-03
Spill Record Last Update:	2014-10-03
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	OHIO ST @ ST CLAIR
Spiller Company:	999
Contact Name:	LISA MONTICONO
DEC Memo:	"6/4/14 FG SITE INSPECTION. DAN WULF WITH GZA ON SITE. DISCOVERED AN AREA OF PETROLEUM IMPACTS IN FRONT OF THE BUFFALO ROD AND GUN CLUB WHILE EXCAVATING TO INSTALL THE POWER LINES UNDERGROUND. THE IMPACTS WERE DIRECTLY IN FRONT OF THE 3 PHASE POWER POLE AND MARKER 4800. NATIONAL GRID BELIEVES THEY WILL FIND MORE IMPACTS ON THE ROD AND GUN CLUB PROPERTY WHERE THEY WILL BE EXCAVATING ADDITIONAL SOIL. THEY WILL BE AT THAT AREA WITHIN ONE WEEK AND WILL NOTIFY THE DEPARTMENT IF THEY ENCOUNTER ANY IMPACTED SOILS. 1/2 A TRUCK LOAD WAS TAKEN TO THEIR STAGING AREA FOR DISPOSAL. THE IMPACTS WERE ONLY NOTED ON THE BUFFALO ROD AND GUN CLUB SIDE OF THE EXCAVATION AND NOT ON THE STREET SIDE. FG TOOK A SAMPLE COLLECTED BY DAN WULF FROM THE IMPACTED AREA

EXCAVATION (Continued) **S117267301**

FOR ANALYSIS. DAN WULF SAID THAT THEY WOULD BE EXCAVATING FURTHER INTO THE ROD AND GUN CLUB PROPERTY AND WOULD NOTIFY THE DEPARTMENT IF ANY FURTHER IMPACTS WERE NOTED. 6/16/14 TESTAMERICA SUBMITTED THE ANALYTICAL RESULTS. FUEL OIL #2 WAS IDENTIFIED AT 130 PPM. PETROLEUM COMPOUNDS WELL BELOW CP51 LEVELS WERE ALSO IDENTIFIED. 7/30/14 TESTAMERICA SUBMITTED THE PAYMENT PACKAGES. NO FURTHER WORK IS REQUIRED. THE SITE IS INACTIVE DUE TO THE DISCOVERY OF THE FUEL OIL #2. 10/3/14 WATTS SUBMITTED THE DISPOSAL RECEIPTS FOR THE IMPACTED SOIL. NO FURTHER WORK IS REQUIRED. THE SITE IS INACTIVE."

Remarks: "while excavating 3- 5cubic yards found at 1.5-2 feet ozm 128 parts per million"

All Materials:

Site ID:	495660
Operable Unit ID:	1245157
Operable Unit:	01
Material ID:	2246072
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

E33 **IN INTERSECTION** **NY Spills** **S110045179**
ESE **LOUISIANA ST. @ OHIO ST.** **N/A**
< 1/8 **BUFFALO, NY**
0.102 mi.
540 ft. **Site 2 of 5 in cluster E**

Relative: **Lower**

Actual: **575 ft.**

SPILLS:

Facility ID:	0909200
Facility Type:	ER
Spill Number:	0909200
DER Facility ID:	370825
Site ID:	421877
DEC Region:	9
Closed Date:	2010-01-13
Spill Cause:	Traffic Accident
Spill Class:	Not reported
SWIS:	1502
Spill Date:	2009-11-17
Investigator:	TDJOHNSO
Referred To:	Not reported
Reported to Dept:	2009-11-17
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0

IN INTERSECTION (Continued) **S110045179**

Date Entered In Computer:	2009-11-17
Spill Record Last Update:	2010-01-13
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	Not reported
Contact Name:	DISPATCHER JONES
DEC Memo:	"11/17/09 TDJ TRACTOR TRAILER LEAVING ADM FACTORY ON GANSON STREET PUNCTURED REFRIGERATION DIESEL SADDLE TANK CAUSING A DIESEL FUEL TO SPILL ALONG GANSON STREET TOWARDS OHIO STREET. THE DRIVER, CHRIS GRIFFIN SAW THE LEAK NEAR THE INTERSECTION OF OHIO AND GANSON. HE DROVE TO A PARKING AREA HE KNEW ON OHIO ST. NEAR LOUISIANA STREET. FIRE DEPT WAS CONTACTED AND PLACED SPEEDY DRY ON STONE DRIVE AND COLLECTED APPROX. 8 GALLONS OF LEAKING FUEL IN BUCKETS. A TOTAL SPILLED COULD RANGE FROM 30-40 GALLONS. BLACK HORSE CARRIERS INC., CONTACTED OP-TECH FOR CLEANUP WHO ARRIVE ONSITE APPROX. 1 HOUR LATER. SPEEDY DRY WAS PLACED ONTO WET AREAS ON GANSON AND OHIO STREETS AND SWEPT UP FOR DISPOSAL. STONE AND CONTAMINATED SPEEDY DRY FROM THE STONE LOT WAS PLACED INTO DRUMS ALONG WITH THE LIQUID FROM THE SADDLE TANK. A BROKEN CONCRETE PAD WAS UNDER THE STONE AREA THE TRUCK PARKED SO SURFICIAL SCRAPING AND SWEEPING WAS THE EXTENT OF CLEANUP. ADDITION SPEEDY DRY WAS PLACED ONTO OF THE PAD TO COLLECT ANY RESIDUAL CONTAMINATION. LOT WAS PORTION OF BISON CITY ROD & GUN CLUB PARKING. BLACK HORSE TRUCKING INC., TULLY, NY, REP. JOHN KUSHNER (315)696-2435 CAB LISC# 24-143 PY VA. , USDOT 807505, ICC-MC 3592076, CAROL STREAM, IL 1/13/10 TDJ RECEIVED DISPOSAL RECEIPTS FOR 3 DRUMS OF NON DOT SOLIDS TAKEN TO CWM, MODEL CITY. NO FURTHER ACTION FILE CLOSED "
Remarks:	"CALLER STATES THAT A TRUCK RUPTURED IT'S 40 DIESEL FUEL SADDLE TANK...FIRE DEPT. IS ENROUTE...UNKNOWN QUANTITY SPILLED IN INTERSECTION...REQUESTING DEC RESPONSE."

All Materials:

Site ID:	421877
Operable Unit ID:	1177751
Operable Unit:	01
Material ID:	2170571
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

E34 **PILLSBURY BUFFALO ELEVATOR THE** **RCRA NonGen / NLR** **1000127736**
ESE **1 ST CLAIR ST** **NYD981132616**
< 1/8 **BUFFALO, NY 14204**
0.105 mi.
557 ft. **Site 3 of 5 in cluster E**

Relative: RCRA NonGen / NLR:
Lower Date form received by agency: 01/01/2007
Facility name: PILLSBURY BUFFALO ELEVATOR THE
Actual: Facility address: 1 ST CLAIR ST
575 ft. BUFFALO, NY 14204

PILLSBURY BUFFALO ELEVATOR THE (Continued) **1000127736**

EPA ID:	NYD981132616
Mailing address:	PO BOX 487 BUFFALO, NY 14240
Contact:	Not reported
Contact address:	PO BOX 487 BUFFALO, NY 14240
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	Not reported
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	Not reported
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

PILLSBURY BUFFALO ELEVATOR THE (Continued) **1000127736**

Historical Generators:
Date form received by agency: 01/01/2006
Site name: PILLSBURY BUFFALO ELEVATOR THE
Classification: Not a generator, verified

Date form received by agency: 10/21/1985
Site name: PILLSBURY BUFFALO ELEVATOR THE
Classification: Not a generator, verified

. Waste code: NONE
. Waste name: None

Date form received by agency: 09/05/1985
Site name: PILLSBURY BUFFALO ELEVATOR THE
Classification: Not a generator, verified

. Waste code: X002
. Waste name: POLYCHLORINATED BIPHENOLS (PCBs)

Violation Status: No violations found

D35 **EXCAVATION** **NY Spills** **S116554768**
NE **OHIO AND SOUTH ST** **N/A**
< 1/8 **BUFFALO, NY**
0.106 mi.
558 ft. **Site 2 of 4 in cluster D**

Relative:
Lower

Actual:
574 ft.

SPILLS:
Facility ID: 1400805
Facility Type: ER
Spill Number: 1400805
DER Facility ID: 448992
Site ID: 494055
DEC Region: 9
Closed Date: 2014-10-03
Spill Cause: Unknown
Spill Class: Not reported
SWIS: 1502
Spill Date: 2014-04-24
Investigator: FXGALLEG
Referred To: Not reported
Reported to Dept: 2014-04-24
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2014-04-24
Spill Record Last Update: 2014-10-03
Spiller Name: Not reported
Spiller Company: (716) 479-5339
Spiller Address: Not reported
Spiller Company: 999

EXCAVATION (Continued) **S116554768**

Contact Name: LISA
DEC Memo: "4/24/14 FG SITE INSPECTION. MET DANIEL WULF WITH GZA AND ARTHUR SALVATI WITH WENDEL. GZA IS WORKING FOR NATIONAL GRID INSTALLING THE ELECTRIC LINE UNDERGROUND WHEN THEY FOUND SOME IMPACTED SOIL. PETROLEUM IMPACTED SOIL WAS DISCOVERED 6 FTBGS NEAR AN OLD SEWER LINE - ABANDONED - CLAY. THE SOIL WAS BEING STAGED AT THE CATCO SITE FOR STAGING FURTHER DOWN OHIO ST. THE SOIL IS BEING DISPOSED BY THE CITY OF BUFFALO. THERE ARE 7 IMPACTED AREAS THAT WERE PREVIOUSLY STUDIED. THIS IS OUTSIDE THE PREVIOUSLY IDENTIFIED AREAS. GZA WAS DONE DIGGING THE NECESSARY AREA AND THE ODOR AND ELEVATED PID APPEARED TO BE LIMITED TO THE NORTH EAST CORNER OF THE EXCAVATION. FG SPOKE TO JOHN HONAN WITH WATTS WHO CONDUCTED THE SUBSURFACE INVESTIGATION AND HE WILL PROVIDE THE REPORT OF FINDINGS THAT IDENTIFIED THE 7 AREAS OF PETROLEUM IMPACTS. 4/25/14 JOHN HONAN PROVIDED THE FOLLOWING UPDATE: Francine: I am following up on our phone call from yesterday regarding the reporting of contaminated materials that we encounter on this project. As I indicated, I did speak with Marty Doster after we spoke to bring him up to speed. He, in turn, had Tony Lopes, the BCP Project Manager for the Sam s Petro site, contact me, as they are interested in characterizing the locations where we observed contaminated soil from this site. Tony then met us on-site today to review the Sam s site, and then we also visited the South Street site where National Grid reported a spill yesterday (i.e. where they encountered contaminated soils). Apparently the South Street is nearby another Brownfield Cleanup Program location that Tony s group is working on. We then visited the soil stockpiles for both the Sam s site and South Street site where the soil is being staged prior to landfill disposal. With regard to our sending you our original sampling report for Ohio Street that you requested I had trouble sending you the report via the DEC ftp site. So I made a CD of the project proposal book and gave it to Tony Lopes this morning. He said he would deliver it to you. The contaminated materials investigations are contained within this document on Pages 446-538. Please let us know if you have any questions on this or require further information on this. Going forward, here is our understanding of how NYSDEC would like us to report any contaminated materials we encounter on the project: - For contaminated soil encountered near Sam s Petro or the Rod and Gun Club (two current NYSDEC BCP sites), we will report these incidents to Marty Doster and he will refer us to the appropriate BCP Project Manager for their follow up. - For contaminated soil encountered anywhere else, we will call the NYSDEC spill hotline (1-800-457-7362). Contaminated soils are being stockpiled, and segregated by location, for later disposal at a landfill. We will send to your attention the landfill disposal receipts from each site, as you requested. I think this covers what we discussed yesterday, with the addition of some of the information we received today from Tony Lopes. Please let me know if there are any questions or additional information you need at this time. Thank you for your assistance with this project. JCH John C. Honan, P.E. Senior Associate Watts Architecture & Engineering 95 Perry Street, Suite 300 Buffalo, New York 14203 (716) 206-5112 (716) 206-5199 Fax jhonan@watts-ae.com www.watts-ae.com Amy L. Schintzius ,Andrew Klimek ,Anthony Lopes,Art Traver ,Evan Casey ,Ken Peters ,Lisa Montesano ,Martin Doster,Muffett Mauche George ,Nathan T. Munley ,Ron Dockery ,Scott Kinsman ,sghasemi@city-buffalo.com, 4/29/14 FG NOTIFIED MR. HONAN THAT HE NEEDS TO CORRESPOND DIRECTLY WITH GREGORY SUTTON REGARDING THE PROPOSAL AND THAT SPILLS WILL BE FOLLOWING UP ON THE

EXCAVATION (Continued) **S116554768**

LOCATIONS IDENTIFIED IN THE SUBSURFACE INVESTIGATION REPORT PROVIDED. 10/3/14 WATTS PROVIDED THE DISPOSAL RECEIPT FOR THE IMPACTED MATERIAL. NO FURTHER WORK IS REQUIRED. THE SITE IS CLOSED. ELECTRONIC FILE ONLY."

Remarks: "contamination found during excavation at 6 feet below grade/please call for further explanation"

All Materials:

Site ID:	494055
Operable Unit ID:	1243588
Operable Unit:	01
Material ID:	2244279
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

E36 **BUFFALO DOPW - OHIO STREET LIFT BRIDGE** **NY MANIFEST** **S119079062**
SE **547 OHIO ST** **N/A**
< 1/8 **BUFFALO, NY 14205**
0.110 mi.
579 ft. **Site 4 of 5 in cluster E**

Relative: **Lower**
Actual: **571 ft.**

NY MANIFEST:

Country:	USA
EPA ID:	NYR000166728
Facility Status:	Not reported
Location Address 1:	OHIO STREET LIFT BRIDGE OVER B
Code:	BP
Location Address 2:	UFFALO RIVER
Total Tanks:	Not reported
Location City:	BUFFALO
Location State:	NY
Location Zip:	14205
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000166728
Mailing Name:	BUFFALO DOPW - OHIO STREET LIFT BRIDGE
Mailing Contact:	DON POLETO
Mailing Address 1:	65 NIAGARA SQUARE ROOM 502 CITY HALL
Mailing Address 2:	Not reported
Mailing City:	BUFFALO
Mailing State:	NY
Mailing Zip:	14202
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7168515359

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported

BUFFALO DOPW - OHIO STREET LIFT BRIDGE (Continued) **S119079062**

Year:	2009
Trans1 State ID:	NYD097644801
Trans2 State ID:	Not reported
Generator Ship Date:	08/12/2009
Trans1 Recv Date:	08/12/2009
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/13/2009
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000166728
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	OHD980568992
TSDF ID 2:	Not reported
Manifest Tracking Number:	005696026JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H111
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	13600.0
Units:	P - Pounds
Number of Containers:	17.0
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

E37
SE
< 1/8
0.110 mi.
579 ft.

OHIO STREET LIFT BRIDGE OVER THE BUFFALO RIVER CIT
OHIO STREET LIFT BRIDGE OVER
BUFFALO, NY 14205

Site 5 of 5 in cluster E

RCRA-LQG | **1012186810** | **NYR000166728**

Relative:
Lower

Actual:
571 ft.

RCRA-LQG:

Date form received by agency:	04/08/2010
Facility name:	OHIO STREET LIFT BRIDGE OVER THE BUFFALO RIVER CITY OF BUFFALO
Facility address:	OHIO STREET LIFT BRIDGE OVER BUFFALO RIVER BUFFALO, NY 14205
EPA ID:	NYR000166728
Mailing address:	ROOM 502 CITY HALL NIAGARA SQU ARE BUFFALO, NY 14202
Contact:	DONALD J POLETO
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	716-851-5359
Contact email:	DPOLETO@CH.CI.BUFFALO.NY.US
EPA Region:	02
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	CITY OF BUFFALO
Owner/operator address:	ROOM 502 CITY HALL 65 NIAGARA SQUARE BUFFALO, NY 14202
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	12/31/1979
Owner/Op end date:	Not reported

Owner/operator name:	CITY OF BUFFALO
Owner/operator address:	NIAGARA SQ ROOM 502 CITY HALL BUFFALO, NY 14202
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported

OHIO STREET LIFT BRIDGE OVER THE BUFFALO RIVER CITY OF BUFFA (Continued) **1012186810**

Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1918
Owner/Op end date: Not reported

Owner/operator name: CITY OF BUFFALO
Owner/operator address: ROOM 502 CITY HALL 65 NIAGARA SQUARE
BUFFALO, NY 14202
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 12/31/1979
Owner/Op end date: Not reported

Owner/operator name: CITY OF BUFFALO
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1918
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D008
. Waste name: LEAD

Historical Generators:
Date form received by agency: 06/29/2009
Site name: BUFFALO CITY OF - OHIO STREET LIFT BRIDGE
Classification: Large Quantity Generator

OHIO STREET LIFT BRIDGE OVER THE BUFFALO RIVER CITY OF BUFFA (Continued) **1012186810**

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

C38 **BLACKMAN HAROLD G FILLING STA** **EDR Hist Auto** **1014536869**
East **68 LOUISIANA ST** **N/A**
< 1/8 **BUFFALO, NY**
0.110 mi.
583 ft. **Site 5 of 6 in cluster C**

Relative: EDR Hist Auto
Lower

Actual: **577 ft.**

Year:	Name:	Type:
1935	BLACKMAN HAROLD G FILLING STA	GASOLINE AND OIL SERVICE STATIONS

C39 **BLUE & WHITE SERVICE STATION HAROLD BONEBERG MGR** **EDR Hist Auto** **1014538744**
East **70 LOUISIANA ST** **N/A**
< 1/8 **BUFFALO, NY**
0.111 mi.
587 ft. **Site 6 of 6 in cluster C**

Relative: EDR Hist Auto
Lower

Actual: **577 ft.**

Year:	Name:	Type:
1925	BLUE & WHITE SERVICE STATION HA	FILLING STATIONS

---

40 **KINARY & WOLINSKI FILLING STA** **EDR Hist Auto** **1014538492**
NE **411 OHIO ST** **N/A**
< 1/8 **BUFFALO, NY**
0.113 mi.
595 ft.

Relative: EDR Hist Auto
Lower

Actual: **573 ft.**

Year:	Name:	Type:
1935	LIVINGSTON JOHN A FILLING STA	GASOLINE AND OIL SERVICE STATIONS
1940	LIVINGSTON JOHN A FILLING STA	GASOLINE AND OIL SERVICE STATIONS
1946	KINARY & WOLINSKI FILLING STA	GASOLINE AND OIL SERVICE STATIONS
1950	FOUR ELEVEN OHIO INC FILLING ST	GASOLINE STATIONS
1955	FOUR ELEVEN OHIO STREET INC GAS	GASOLINE STATIONS
1960	OHIO STREET SERV GAS STA	GASOLINE STATIONS
1969	JOHNSON IRVING	Truck Rental And Leasing, Without Drivers
1970	JOHNSON IRVING	Truck Rental And Leasing, Without Drivers
1971	JOHNSON IRVING	Truck Rental And Leasing, Without Drivers
1972	JOHNSON IRVING	Truck Rental And Leasing, Without Drivers
1973	JOHNSON IRVING	Truck Rental And Leasing, Without Drivers
1974	JOHNSON IRVING	Truck Rental And Leasing, Without Drivers
1975	JOHNSON IRVING	Truck Rental And Leasing, Without Drivers

D41 **DEC PARKING AREA** **NY Spills** **S117363409**
NE **411 TO 425 OHIO STREET** **N/A**
< 1/8 **BUFFALO, NY**
0.113 mi.
597 ft. **Site 3 of 4 in cluster D**

Relative: **Lower**

Actual: **573 ft.**

SPILLS:

Facility ID:	1407107
Facility Type:	ER
Spill Number:	1407107
DER Facility ID:	455617
Site ID:	500606
DEC Region:	9
Closed Date:	2015-01-15
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	1502
Spill Date:	2014-10-07
Investigator:	FXGALLEG
Referred To:	Not reported
Reported to Dept:	2014-10-07
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2014-10-07
Spill Record Last Update:	2015-01-15
Spiller Name:	KEN PETERS
Spiller Company:	UNKNOWN
Spiller Address:	411 TO 425 OHIO STREET
Spiller Company:	999
Contact Name:	KEN PETERS
DEC Memo:	"10/7/14 FG SPOKE TO KEN PETERS, PE FOR THE PROJECT. HE SAID THEY UNCOVERED SOME PETROLEUM IMPACTED SOIL WHILE EXCAVATING FOR THE NEW PARKING AREA AT THE NYSDEC PARKING AREA ALONG THE BUFFALO RIVER. HE SAID THEY WILL STAGE THE IMPACTED SOIL AT THE OHIO STREET STAGING AREA AND DISPOSE OF THE SOIL. HE WILL PROVIDE A DISPOSAL RECEIPT. 10/7/14 TONY LOPES WITH REMEDIATION INSPECTED THE AREA. HE SAID THAT HE NOTED NO IMPACTS IN THE EXCAVATED AREA. 1/15/15 WATTS ARCHITECTURE AND ENGINEERING PROVIDED A COPY OF THE DISPOSAL RECEIPTS FOR THE SOIL DISPOSED OF. 92.8 TONS OF IMPACTED SOIL WAS DISPOSED AT THE TONAWANDA LANDFILL. NO FURTHER WORK IS REQUIRED. THE SITE IS CLOSED. "
Remarks:	"Clean up is in progress"

All Materials:

Site ID:	500606
Operable Unit ID:	1250008
Operable Unit:	01
Material ID:	2251760
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00

DEC PARKING AREA (Continued) **S117363409**

Units:	G
Recovered:	.00
Oxygenate:	Not reported
Site ID:	500606
Operable Unit ID:	1250008
Operable Unit:	01
Material ID:	2251682
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

F42 **BUFFALO FIRE HOUSE #10** **NY LTANKS** **S104621322**
SSE **GANSON STREET** **N/A**
1/8-1/4 **BUFFALO, NY**
0.126 mi.
665 ft. **Site 1 of 2 in cluster F**

Relative: **Higher**
Actual: **586 ft.**

LTANKS:

Facility ID:	9913503
Site ID:	217462
Closed Date:	2000-05-30
Spill Number:	9913503
Spill Date:	2000-02-29
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	1502
Investigator:	RJJONAK
Referred To:	Not reported
Reported to Dept:	2000-02-29
CID:	371
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	2000-02-29
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	2000-02-29
Spill Record Last Update:	2000-06-06
Spiller Name:	DANIEL KOLKMANN
Spiller Company:	CITY OF BUFFALO
Spiller Address:	268 MAIN ST - SUITE 600
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	9
DER Facility ID:	180035
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was

BUFFALO FIRE HOUSE #10 (Continued) **S104621322**

RJJ 02/29/2000...RJJ INVESTIGATED SITE AT 1330...MEET WITH GARY ELLINGWORTH, FIELD SERVICES SUPERINTENDENT WITH TYREE...THEY ARE STARTING TO REMOVE A 750 GALLON UST NEXT TO BUFFALO FIRE DEPT. ENGINE HOUSE #10...THEY WILL SAMPLE THE FOUR SIDES AND THE FLOOR OF THE EXCAVATION AND SEND THE RESULTS AND DISPOSAL RECEIPTS TO ME.
03/03/2000...RJJ RECEIVED THE ANALYTICAL DATA ON WHETHER OR NOT THE SOIL IS HAZARDOUS...THE RESULTS INDICATE IT IS NOT HAZ.
05/30/2000.....RJJ RECEIVED THE UST CLOSURE REPORT FROM ENGINE #10...SOME SEMI-VOLATILE COMPOUNDS WERE DETECTED IN THE EXCAVATION FLOOR IN EXCESS OF OUR 'STARS' GUILDANCE VALUES, HOWEVER, SINCE THE LEVELS WERE LOW, WE CAN MAKE THIS SITE 'INACTIVE'...THE SOIL DISPOSAL RECEIPTS ARE ALL IN ORDER...I WILL DRAFT AND SEND AN 'INACTIVE' LETTER AND CLOSE OUT THIS SPILL...NO FURTHER ACTION NEEDED."

Remarks: "found what appears to be diesel fuel near a 750 gal ust - removal of tank to take place today. clean up pending."

All Materials:

Site ID:	217462
Operable Unit ID:	1092053
Operable Unit:	01
Material ID:	295348
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

F43 **BUFFALO FIRE DEPT ENGINE 10** **RCRA-SQG** **1010328941**
SSE **30 GANSON ST** **NY MANIFEST** **NYR000145748**
1/8-1/4 **BUFFALO, NY 14203**
0.141 mi.
742 ft. **Site 2 of 2 in cluster F**

Relative:
Higher

Actual:
585 ft.

RCRA-SQG:

Date form received by agency:	04/03/2007
Facility name:	BUFFALO FIRE DEPT ENGINE 10
Facility address:	30 GANSON ST BUFFALO, NY 14203-3046
EPA ID:	NYR000145748
Mailing address:	NIAGARA SQ CITY HALL ROOM 616 CITY OF BUFFALO DPW BUFFALO, NY 14202-3306
Contact:	DAVID A HORNUNG
Contact address:	NIAGARA SQ CITY HALL ROOM 616 CITY OF BUFFALO DPW BUFFALO, NY 14202-3306
Contact country:	US
Contact telephone:	716-851-5854
Contact email:	DHORNUNG@CITY-BUFFALO.COM
EPA Region:	02
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

BUFFALO FIRE DEPT ENGINE 10 (Continued) **1010328941**

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	CITY OF BUFFALO
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Operator
Owner/Op start date:	04/01/1952
Owner/Op end date:	Not reported

Owner/operator name:	CITY OF BUFFALO
Owner/operator address:	NIAGARA SQ CITY HALL RM 616
	BUFFALO, NY 14202
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	04/01/1952
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

. Waste code:	D003
. Waste name:	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code:	D006
. Waste name:	CADMIUM

BUFFALO FIRE DEPT ENGINE 10 (Continued) **1010328941**

. Waste code: D009
. Waste name: MERCURY

. Waste code: P106
. Waste name: SODIUM CYANIDE

Historical Generators:
Date form received by agency: 04/02/2007
Site name: BUFFALO FIRE DEPT ENGINE 10
Classification: Small Quantity Generator

Date form received by agency: 04/02/2007
Site name: BUFFALO FIRE DEPT ENGINE 10
Classification: Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:
Country: USA
EPA ID: NYR000145748
Facility Status: Not reported
Location Address 1: 30 GANSON ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BUFFALO
Location State: NY
Location Zip: 14203
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000145748
Mailing Name: CITY OF BUFFALO DPW
Mailing Contact: BUFFALO FIRE DEPT ENGINE 10
Mailing Address 1: 65 NIAGARA ST
Mailing Address 2: CITY HALL - RM 616
Mailing City: BUFFALO
Mailing State: NY
Mailing Zip: 14202
Mailing Zip 4: 3306
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2007
Trans1 State ID: MAD039322250
Trans2 State ID: NYD982792814
Generator Ship Date: 05/25/2007
Trans1 Recv Date: 05/25/2007
Trans2 Recv Date: 05/29/2007
TSD Site Recv Date: 06/20/2007
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000145748

BUFFALO FIRE DEPT ENGINE 10 (Continued) **1010328941**

Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	ARD069748192
TSDF ID 2:	Not reported
Manifest Tracking Number:	000014014JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H050
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	55
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	2
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	D006
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

D44 **441 OHIO STREET SITE** **NY ENG CONTROLS** **S116287480**
ENE **9 SOUTH STREET** **NY INST CONTROL** **N/A**
1/8-1/4 **BUFFALO, NY 14203** **NY BROWNFIELDS**
0.141 mi.
744 ft. **Site 4 of 4 in cluster D**

Relative: **Lower**

Actual: **578 ft.**

ENG CONTROLS:

Site Code:	491163
HW Code:	C915285
Control Code:	15
Control Type:	ENG
Date Record Added:	10/27/2016
Date Rec Updated:	04/05/2017
Updated By:	SJSTYK
Site Description:	Location: The Site is located in an urban area with an official street address at 9 South Street near the intersection of Ohio Street in the City of Buffalo. Site Features: The site is a 1.78-acre portion of a larger 2.25 acre parcel. The topography of the site and vicinity is generally flat with little topographic elevation change.

441 OHIO STREET SITE (Continued) **S116287480**

The land surface is only several feet above the water level of the adjoining Buffalo River and is situated within the 100 year floodplain of the river. The non-BCP portion of the 2.25 acre parcel is considered lands under water along the Buffalo River. This area may have been previously dredged to allow docking of commercial freight ships and barges. Current improvements consist of a recently constructed five story apartment building (2017). Previous improvements on the site consisted of a 500 x 100 foot 2-story wood framed building that occupied most of the site. The building was in an extremely dilapidated condition and had been condemned by the City of Buffalo Building Department. The building structure and most of the foundation was demolished in Spring 2015. A stone foundation wall abutting the Buffalo River was retained to be used as a retaining wall and historic riverfront architectural remnant desired by the local preservation community. The balance of the site is mostly paved or covered with gravel with some minor vegetated strip areas. A rail spur leads to the northern side of the site. Multiple rails lines previously lead to the interior of the former building. Current Zoning and Land Use: The site is located in the M2, General Industrial District, but has transitioned to Mixed Use Edge Residential (N-2E and N-2R) under the revised Buffalo Green Code. The site is bounded by South Street to the north, with the NYSDEC recreational boat launch beyond; commercial and recreational property to the south (Bison City Rod and Gun Club), a vacant lot and Ohio Street to the east, and the Buffalo River along the western property line. Past Use of the Site: The site has been used for various freight and warehousing operations from as early as 1889. Operations included intermodal (lake freight, rail and trucking) material handling and shipping, equipment use and maintenance, paper recycling and bundling equipment. There was some nominal storage of paints, solvents, thinners, greases, hydraulic oils, and lubricants commonly used by the former commercial recycle paper handling operations inside the former building. Site Geology and Hydrogeology: The site is located within the Erie-Ontario lake plain physiographic province, which is typified by little topographic relief and gentle slope toward Lake Erie. Surface soils at the site consist of a layer of fill, varying in thickness from 2 to 4 feet, containing foundry sand, crushed slag, mixed soil and hard demolition debris. Below the fill layer exists a layer of reworked soil consisting of native looking soil mix containing sand, silt and clayey soils and varies in thickness from 2 to 7 feet. Native soil below consists of a lean brown clay with varying amounts of silt, sand and gravel. A sandy soil formation exists below this clay soil layer along the northern half of the site. The native soils are encountered at depths varying from 4 to 10 feet below the surface and extend to bedrock at depths varying from 25 to 30 feet below ground surface. Bedrock consists of the Onondaga limestone formation. Groundwater depth is approximately 10 to 11 feet below ground surface. Based on area topography and proximity to the Buffalo River, the groundwater gradient is relatively flat, and flows in a westerly direction toward the river.

Env Problem: Nature and Extent of Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were poly-cyclic aromatic hydrocarbons (PAHs), the metals arsenic, barium, lead and mercury and poly-chlorinated biphenyls (PCBs) in soil/fill. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a

441 OHIO STREET SITE (Continued) **S116287480**

	Site Management Plan."
Health Problem:	Measures are in place to address residual contamination at the site and therefore, contact with these contaminants is not expected.
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	1/27/2014 4:24:00 PM
Record Upd:	3/20/2017 1:16:00 PM
Updated By:	EWMELNYK
Own Op:	Owner
Sub Type:	P03
Owner Name:	Samuel Savarino
Owner Company:	441 Ohio Street, LLC
Owner Address:	500 Seneca Street, Suite 508
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14204
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mary Jean Jakubowski
Owner Company:	Buffalo & Erie County Public Library
Owner Address:	1 Lafayette Square
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
Own Op:	Applicant/Requestor
Sub Type:	P03
Owner Name:	Samuel Savarino
Owner Company:	441 Ohio Street, LLC
Owner Address:	500 Seneca Street, Suite 508
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14204
Owner Country:	United States of America
HW Code:	C915285
Waste Type:	barium
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915285
Waste Type:	mercury
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915285
Waste Type:	chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915285
Waste Type:	benzo[k]fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915285
Waste Type:	indeno(1,2,3-CD)pyrene

441 OHIO STREET SITE (Continued) **S116287480**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: lead
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: polychlorinated biphenyls (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZO(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C915285
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 3/7/2017 3:22:00 PM
Record Updated: 3/7/2017 3:22:00 PM
Updated By: EWMELNYK
Crossref ID: C915285-04-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 3/7/2017 4:14:00 PM
Record Updated: 3/7/2017 4:14:00 PM
Updated By: EWMELNYK
Crossref ID: BK/PG 11305/9096
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 3/7/2017 3:21:00 PM
Record Updated: 3/7/2017 3:21:00 PM
Updated By: EWMELNYK

INST CONTROL:
Site Code: 491163
Control Name: O&M Plan
HW Code: C915285
Control Code: 33
Control Type: INST
Dt record added: 10/27/2016
Dt rec updated: 04/05/2017

441 OHIO STREET SITE (Continued) **S116287480**

Updated By: SJSTYK
Site Code: 491163
Site Description: Location: The Site is located in an urban area with an official street address at 9 South Street near the intersection of Ohio Street in the City of Buffalo. Site Features: The site is a 1.78-acre portion of a larger 2.25 acre parcel. The topography of the site and vicinity is generally flat with little topographic elevation change. The land surface is only several feet above the water level of the adjoining Buffalo River and is situated within the 100 year floodplain of the river. The non-BCP portion of the 2.25 acre parcel is considered lands under water along the Buffalo River. This area may have been previously dredged to allow docking of commercial freight ships and barges. Current improvements consist of a recently constructed five story apartment building (2017). Previous improvements on the site consisted of a 500 x 100 foot 2-story wood framed building that occupied most of the site. The building was in an extremely dilapidated condition and had been condemned by the City of Buffalo Building Department. The building structure and most of the foundation was demolished in Spring 2015. A stone foundation wall abutting the Buffalo River was retained to be used as a retaining wall and historic riverfront architectural remnant desired by the local preservation community. The balance of the site is mostly paved or covered with gravel with some minor vegetated strip areas. A rail spur leads to the northern side of the site. Multiple rails lines previously lead to the interior of the former building. Current Zoning and Land Use: The site is located in the M2, General Industrial District, but has transitioned to Mixed Use Edge Residential (N-2E and N-2R) under the revised Buffalo Green Code. The site is bounded by South Street to the north, with the NYSDEC recreational boat launch beyond; commercial and recreational property to the south (Bison City Rod and Gun Club), a vacant lot and Ohio Street to the east, and the Buffalo River along the western property line. Past Use of the Site: The site has been used for various freight and warehousing operations from as early as 1889. Operations included intermodal (lake freight, rail and trucking) material handling and shipping, equipment use and maintenance, paper recycling and bundling equipment. There was some nominal storage of paints, solvents, thinners, greases, hydraulic oils, and lubricants commonly used by the former commercial recycle paper handling operations inside the former building. Site Geology and Hydrogeology: The site is located within the Erie-Ontario lake plain physiographic province, which is typified by little topographic relief and gentle slope toward Lake Erie. Surface soils at the site consist of a layer of fill, varying in thickness from 2 to 4 feet, containing foundry sand, crushed slag, mixed soil and hard demolition debris. Below the fill layer exists a layer of reworked soil consisting of native looking soil mix containing sand, silt and clayey soils and varies in thickness from 2 to 7 feet. Native soil below consists of a lean brown clay with varying amounts of silt, sand and gravel. A sandy soil formation exists below this clay soil layer along the northern half of the site. The native soils are encountered at depths varying from 4 to 10 feet below the surface and extend to bedrock at depths varying from 25 to 30 feet below ground surface. Bedrock consists of the Onondaga limestone formation. Groundwater depth is approximately 10 to 11 feet below ground surface. Based on area topography and proximity to the Buffalo River, the groundwater gradient is relatively flat, and flows in a westerly direction toward the river.

441 OHIO STREET SITE (Continued) **S116287480**

Env Problem:	Nature and Extent of Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were poly-cyclic aromatic hydrocarbons (PAHs), the metals arsenic, barium, lead and mercury and poly-chlorinated biphenyls (PCBs) in soil/fill. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."
Health Problem:	Measures are in place to address residual contamination at the site and therefore, contact with these contaminants is not expected.
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	1/27/2014 4:24:00 PM
Record Upd:	3/20/2017 1:16:00 PM
Updated By:	EWMELNYK
Own Op:	Owner
Sub Type:	P03
Owner Name:	Samuel Savarino
Owner Company:	441 Ohio Street, LLC
Owner Address:	500 Seneca Street, Suite 508
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14204
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mary Jean Jakubowski
Owner Company:	Buffalo & Erie County Public Library
Owner Address:	1 Lafayette Square
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
Own Op:	Applicant/Requestor
Sub Type:	P03
Owner Name:	Samuel Savarino
Owner Company:	441 Ohio Street, LLC
Owner Address:	500 Seneca Street, Suite 508
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14204
Owner Country:	United States of America
HW Code:	C915285
Waste Type:	barium
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915285
Waste Type:	mercury
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915285
Waste Type:	chrysene
Waste Quantity:	UNKNOWN

441 OHIO STREET SITE (Continued) **S116287480**

Waste Code: Not reported
HW Code: C915285
Waste Type: benzo[k]fluoranthene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: indeno(1,2,3-CD)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: lead
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: polychlorinated biphenyls (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZO(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C915285
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 3/7/2017 3:22:00 PM
Record Updated: 3/7/2017 3:22:00 PM
Updated By: EWMELNYK
Crossref ID: C915285-04-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 3/7/2017 4:14:00 PM
Record Updated: 3/7/2017 4:14:00 PM
Updated By: EWMELNYK
Crossref ID: BK/PG 11305/9096
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 3/7/2017 3:21:00 PM
Record Updated: 3/7/2017 3:21:00 PM
Updated By: EWMELNYK

Site Code: 491163

441 OHIO STREET SITE (Continued) **S116287480**

Control Name: Soil Management Plan
HW Code: C915285
Control Code: 14
Control Type: INST
Dt record added: 10/27/2016
Dt rec updated: 04/05/2017
Updated By: SJSTYK
Site Code: 491163
Site Description: Location: The Site is located in an urban area with an official street address at 9 South Street near the intersection of Ohio Street in the City of Buffalo. Site Features: The site is a 1.78-acre portion of a larger 2.25 acre parcel. The topography of the site and vicinity is generally flat with little topographic elevation change. The land surface is only several feet above the water level of the adjoining Buffalo River and is situated within the 100 year floodplain of the river. The non-BCP portion of the 2.25 acre parcel is considered lands under water along the Buffalo River. This area may have been previously dredged to allow docking of commercial freight ships and barges. Current improvements consist of a recently constructed five story apartment building (2017). Previous improvements on the site consisted of a 500 x 100 foot 2-story wood framed building that occupied most of the site. The building was in an extremely dilapidated condition and had been condemned by the City of Buffalo Building Department. The building structure and most of the foundation was demolished in Spring 2015. A stone foundation wall abutting the Buffalo River was retained to be used as a retaining wall and historic riverfront architectural remnant desired by the local preservation community. The balance of the site is mostly paved or covered with gravel with some minor vegetated strip areas. A rail spur leads to the northern side of the site. Multiple rails lines previously lead to the interior of the former building. Current Zoning and Land Use: The site is located in the M2, General Industrial District, but has transitioned to Mixed Use Edge Residential (N-2E and N-2R) under the revised Buffalo Green Code. The site is bounded by South Street to the north, with the NYSDEC recreational boat launch beyond; commercial and recreational property to the south (Bison City Rod and Gun Club), a vacant lot and Ohio Street to the east, and the Buffalo River along the western property line. Past Use of the Site: The site has been used for various freight and warehousing operations from as early as 1889. Operations included intermodal (lake freight, rail and trucking) material handling and shipping, equipment use and maintenance, paper recycling and bundling equipment. There was some nominal storage of paints, solvents, thinners, greases, hydraulic oils, and lubricants commonly used by the former commercial recycle paper handling operations inside the former building. Site Geology and Hydrogeology: The site is located within the Erie-Ontario lake plain physiographic province, which is typified by little topographic relief and gentle slope toward Lake Erie. Surface soils at the site consist of a layer of fill, varying in thickness from 2 to 4 feet, containing foundry sand, crushed slag, mixed soil and hard demolition debris. Below the fill layer exists a layer of reworked soil consisting of native looking soil mix containing sand, silt and clayey soils and varies in thickness from 2 to 7 feet. Native soil below consists of a lean brown clay with varying amounts of silt, sand and gravel. A sandy soil formation exists below this clay soil layer along the northern half of the site. The native soils are encountered at depths varying

441 OHIO STREET SITE (Continued) **S116287480**

from 4 to 10 feet below the surface and extend to bedrock at depths varying from 25 to 30 feet below ground surface. Bedrock consists of the Onondaga limestone formation. Groundwater depth is approximately 10 to 11 feet below ground surface. Based on area topography and proximity to the Buffalo River, the groundwater gradient is relatively flat, and flows in a westerly direction toward the river.

Env Problem: Nature and Extent of Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were poly-cyclic aromatic hydrocarbons (PAHs), the metals arsenic, barium, lead and mercury and poly-chlorinated biphenyls (PCBs) in soil/fill. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."

Health Problem: Measures are in place to address residual contamination at the site and therefore, contact with these contaminants is not expected.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 1/27/2014 4:24:00 PM
Record Upd: 3/20/2017 1:16:00 PM
Updated By: EWMELNYK
Own Op: Owner
Sub Type: P03
Owner Name: Samuel Savarino
Owner Company: 441 Ohio Street, LLC
Owner Address: 500 Seneca Street, Suite 508
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14204
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Mary Jean Jakubowski
Owner Company: Buffalo & Erie County Public Library
Owner Address: 1 Lafayette Square
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Samuel Savarino
Owner Company: 441 Ohio Street, LLC
Owner Address: 500 Seneca Street, Suite 508
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14204
Owner Country: United States of America
HW Code: C915285
Waste Type: barium
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285

441 OHIO STREET SITE (Continued) **S116287480**

Waste Type: mercury
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: benzo[k]fluoranthene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: indeno(1,2,3-CD)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: lead
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: polychlorinated biphenyls (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZO(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C915285
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 3/7/2017 3:22:00 PM
Record Updated: 3/7/2017 3:22:00 PM
Updated By: EWMELNYK
Crossref ID: C915285-04-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 3/7/2017 4:14:00 PM
Record Updated: 3/7/2017 4:14:00 PM
Updated By: EWMELNYK
Crossref ID: BK/PG 11305/9096
Cross Ref Type Code: 25

441 OHIO STREET SITE (Continued) **S116287480**

Cross Ref Type: County Recording Identifier
Record Added Date: 3/7/2017 3:21:00 PM
Record Updated: 3/7/2017 3:21:00 PM
Updated By: EWMELNYK

Site Code: 491163
Control Name: Environmental Easement
HW Code: C915285
Control Code: J
Control Type: INST
Dt record added: 10/27/2016
Dt rec updated: 04/05/2017
Updated By: SJSTYK
Site Code: 491163
Site Description: Location: The Site is located in an urban area with an official street address at 9 South Street near the intersection of Ohio Street in the City of Buffalo. Site Features: The site is a 1.78-acre portion of a larger 2.25 acre parcel. The topography of the site and vicinity is generally flat with little topographic elevation change. The land surface is only several feet above the water level of the adjoining Buffalo River and is situated within the 100 year floodplain of the river. The non-BCP portion of the 2.25 acre parcel is considered lands under water along the Buffalo River. This area may have been previously dredged to allow docking of commercial freight ships and barges. Current improvements consist of a recently constructed five story apartment building (2017). Previous improvements on the site consisted of a 500 x 100 foot 2-story wood framed building that occupied most of the site. The building was in an extremely dilapidated condition and had been condemned by the City of Buffalo Building Department. The building structure and most of the foundation was demolished in Spring 2015. A stone foundation wall abutting the Buffalo River was retained to be used as a retaining wall and historic riverfront architectural remnant desired by the local preservation community. The balance of the site is mostly paved or covered with gravel with some minor vegetated strip areas. A rail spur leads to the northern side of the site. Multiple rails lines previously lead to the interior of the former building. Current Zoning and Land Use: The site is located in the M2, General Industrial District, but has transitioned to Mixed Use Edge Residential (N-2E and N-2R) under the revised Buffalo Green Code. The site is bounded by South Street to the north, with the NYSDEC recreational boat launch beyond; commercial and recreational property to the south (Bison City Rod and Gun Club), a vacant lot and Ohio Street to the east, and the Buffalo River along the western property line. Past Use of the Site: The site has been used for various freight and warehousing operations from as early as 1889. Operations included intermodal (lake freight, rail and trucking) material handling and shipping, equipment use and maintenance, paper recycling and bundling equipment. There was some nominal storage of paints, solvents, thinners, greases, hydraulic oils, and lubricants commonly used by the former commercial recycle paper handling operations inside the former building. Site Geology and Hydrogeology: The site is located within the Erie-Ontario lake plain physiographic province, which is typified by little topographic relief and gentle slope toward Lake Erie. Surface soils at the site consist of a layer of fill, varying in thickness from 2 to 4 feet, containing foundry sand, crushed slag, mixed soil and hard demolition debris. Below the fill

441 OHIO STREET SITE (Continued) **S116287480**

layer exists a layer of reworked soil consisting of native looking soil mix containing sand, silt and clayey soils and varies in thickness from 2 to 7 feet. Native soil below consists of a lean brown clay with varying amounts of silt, sand and gravel. A sandy soil formation exists below this clay soil layer along the northern half of the site. The native soils are encountered at depths varying from 4 to 10 feet below the surface and extend to bedrock at depths varying from 25 to 30 feet below ground surface. Bedrock consists of the Onondaga limestone formation. Groundwater depth is approximately 10 to 11 feet below ground surface. Based on area topography and proximity to the Buffalo River, the groundwater gradient is relatively flat, and flows in a westerly direction toward the river.

Env Problem: Nature and Extent of Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were poly-cyclic aromatic hydrocarbons (PAHs), the metals arsenic, barium, lead and mercury and poly-chlorinated biphenyls (PCBs) in soil/fill. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."
Health Problem: Measures are in place to address residual contamination at the site and therefore, contact with these contaminants is not expected.
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 1/27/2014 4:24:00 PM
Record Upd: 3/20/2017 1:16:00 PM
Updated By: EWMELNYK
Own Op: Owner
Sub Type: P03
Owner Name: Samuel Savarino
Owner Company: 441 Ohio Street, LLC
Owner Address: 500 Seneca Street, Suite 508
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14204
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Mary Jean Jakubowski
Owner Company: Buffalo & Erie County Public Library
Owner Address: 1 Lafayette Square
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Samuel Savarino
Owner Company: 441 Ohio Street, LLC
Owner Address: 500 Seneca Street, Suite 508
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14204

441 OHIO STREET SITE (Continued) **S116287480**

Owner Country: United States of America
HW Code: C915285
Waste Type: barium
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: mercury
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: benzo[k]fluoranthene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: indeno(1,2,3-CD)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: lead
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: polychlorinated biphenyls (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZO(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C915285
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 3/7/2017 3:22:00 PM
Record Updated: 3/7/2017 3:22:00 PM
Updated By: EWMELNYK
Crossref ID: C915285-04-14
Cross Ref Type Code: 23

441 OHIO STREET SITE (Continued) **S116287480**

Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 3/7/2017 4:14:00 PM
Record Updated: 3/7/2017 4:14:00 PM
Updated By: EWMELNYK
Crossref ID: BK/PG 11305/9096
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 3/7/2017 3:21:00 PM
Record Updated: 3/7/2017 3:21:00 PM
Updated By: EWMELNYK

Site Code: 491163
Control Name: Landuse Restriction
HW Code: C915285
Control Code: 25
Control Type: INST
Dt record added: 10/27/2016
Dt rec updated: 04/05/2017
Updated By: SJSTYK
Site Code: 491163
Site Description: Location: The Site is located in an urban area with an official street address at 9 South Street near the intersection of Ohio Street in the City of Buffalo. Site Features: The site is a 1.78-acre portion of a larger 2.25 acre parcel. The topography of the site and vicinity is generally flat with little topographic elevation change. The land surface is only several feet above the water level of the adjoining Buffalo River and is situated within the 100 year floodplain of the river. The non-BCP portion of the 2.25 acre parcel is considered lands under water along the Buffalo River. This area may have been previously dredged to allow docking of commercial freight ships and barges. Current improvements consist of a recently constructed five story apartment building (2017). Previous improvements on the site consisted of a 500 x 100 foot 2-story wood framed building that occupied most of the site. The building was in an extremely dilapidated condition and had been condemned by the City of Buffalo Building Department. The building structure and most of the foundation was demolished in Spring 2015. A stone foundation wall abutting the Buffalo River was retained to be used as a retaining wall and historic riverfront architectural remnant desired by the local preservation community. The balance of the site is mostly paved or covered with gravel with some minor vegetated strip areas. A rail spur leads to the northern side of the site. Multiple rails lines previously lead to the interior of the former building. Current Zoning and Land Use: The site is located in the M2, General Industrial District, but has transitioned to Mixed Use Edge Residential (N-2E and N-2R) under the revised Buffalo Green Code. The site is bounded by South Street to the north, with the NYSDEC recreational boat launch beyond; commercial and recreational property to the south (Bison City Rod and Gun Club), a vacant lot and Ohio Street to the east, and the Buffalo River along the western property line. Past Use of the Site: The site has been used for various freight and warehousing operations from as early as 1889. Operations included intermodal (lake freight, rail and trucking) material handling and shipping, equipment use and maintenance, paper recycling and bundling equipment. There was some nominal storage of paints, solvents, thinners, greases, hydraulic oils, and lubricants commonly used by the former commercial recycle paper handling operations

441 OHIO STREET SITE (Continued) **S116287480**

inside the former building. Site Geology and Hydrogeology: The site is located within the Erie-Ontario lake plain physiographic province, which is typified by little topographic relief and gentle slope toward Lake Erie. Surface soils at the site consist of a layer of fill, varying in thickness from 2 to 4 feet, containing foundry sand, crushed slag, mixed soil and hard demolition debris. Below the fill layer exists a layer of reworked soil consisting of native looking soil mix containing sand, silt and clayey soils and varies in thickness from 2 to 7 feet. Native soil below consists of a lean brown clay with varying amounts of silt, sand and gravel. A sandy soil formation exists below this clay soil layer along the northern half of the site. The native soils are encountered at depths varying from 4 to 10 feet below the surface and extend to bedrock at depths varying from 25 to 30 feet below ground surface. Bedrock consists of the Onondaga limestone formation. Groundwater depth is approximately 10 to 11 feet below ground surface. Based on area topography and proximity to the Buffalo River, the groundwater gradient is relatively flat, and flows in a westerly direction toward the river.

Env Problem: Nature and Extent of Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were poly-cyclic aromatic hydrocarbons (PAHs), the metals arsenic, barium, lead and mercury and poly-chlorinated biphenyls (PCBs) in soil/fill. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."

Health Problem: Measures are in place to address residual contamination at the site and therefore, contact with these contaminants is not expected.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 1/27/2014 4:24:00 PM
Record Upd: 3/20/2017 1:16:00 PM
Updated By: EWMELNYK
Own Op: Owner
Sub Type: P03
Owner Name: Samuel Savarino
Owner Company: 441 Ohio Street, LLC
Owner Address: 500 Seneca Street, Suite 508
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14204
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Mary Jean Jakubowski
Owner Company: Buffalo & Erie County Public Library
Owner Address: 1 Lafayette Square
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Applicant/Requestor

441 OHIO STREET SITE (Continued) **S116287480**

Sub Type: P03
Owner Name: Samuel Savarino
Owner Company: 441 Ohio Street, LLC
Owner Address: 500 Seneca Street, Suite 508
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14204
Owner Country: United States of America
HW Code: C915285
Waste Type: barium
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: mercury
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: benzo[k]fluoranthene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: indeno(1,2,3-CD)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: lead
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: polychlorinated biphenyls (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZO(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C915285
Cross Ref Type Code: 22

441 OHIO STREET SITE (Continued) **S116287480**

Cross Ref Type: BCP Site ID
Record Added Date: 3/7/2017 3:22:00 PM
Record Updated: 3/7/2017 3:22:00 PM
Updated By: EWMELNYK
Crossref ID: C915285-04-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 3/7/2017 4:14:00 PM
Record Updated: 3/7/2017 4:14:00 PM
Updated By: EWMELNYK
Crossref ID: BK/PG 11305/9096
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 3/7/2017 3:21:00 PM
Record Updated: 3/7/2017 3:21:00 PM
Updated By: EWMELNYK

Site Code: 491163
Control Name: Ground Water Use Restriction
HW Code: C915285
Control Code: 08
Control Type: INST
Dt record added: 10/27/2016
Dt rec updated: 04/05/2017
Updated By: SJSTYK
Site Code: 491163
Site Description: Location: The Site is located in an urban area with an official street address at 9 South Street near the intersection of Ohio Street in the City of Buffalo. Site Features: The site is a 1.78-acre portion of a larger 2.25 acre parcel. The topography of the site and vicinity is generally flat with little topographic elevation change. The land surface is only several feet above the water level of the adjoining Buffalo River and is situated within the 100 year floodplain of the river. The non-BCP portion of the 2.25 acre parcel is considered lands under water along the Buffalo River. This area may have been previously dredged to allow docking of commercial freight ships and barges. Current improvements consist of a recently constructed five story apartment building (2017). Previous improvements on the site consisted of a 500 x 100 foot 2-story wood framed building that occupied most of the site. The building was in an extremely dilapidated condition and had been condemned by the City of Buffalo Building Department. The building structure and most of the foundation was demolished in Spring 2015. A stone foundation wall abutting the Buffalo River was retained to be used as a retaining wall and historic riverfront architectural remnant desired by the local preservation community. The balance of the site is mostly paved or covered with gravel with some minor vegetated strip areas. A rail spur leads to the northern side of the site. Multiple rails lines previously lead to the interior of the former building. Current Zoning and Land Use: The site is located in the M2, General Industrial District, but has transitioned to Mixed Use Edge Residential (N-2E and N-2R) under the revised Buffalo Green Code. The site is bounded by South Street to the north, with the NYSDEC recreational boat launch beyond; commercial and recreational property to the south (Bison City Rod and Gun Club), a vacant lot and Ohio Street to the east, and the Buffalo River along the western property line. Past Use of the Site: The site has been used for various

441 OHIO STREET SITE (Continued) **S116287480**

freight and warehousing operations from as early as 1889. Operations included intermodal (lake freight, rail and trucking) material handling and shipping, equipment use and maintenance, paper recycling and bundling equipment. There was some nominal storage of paints, solvents, thinners, greases, hydraulic oils, and lubricants commonly used by the former commercial recycle paper handling operations inside the former building. Site Geology and Hydrogeology: The site is located within the Erie-Ontario lake plain physiographic province, which is typified by little topographic relief and gentle slope toward Lake Erie. Surface soils at the site consist of a layer of fill, varying in thickness from 2 to 4 feet, containing foundry sand, crushed slag, mixed soil and hard demolition debris. Below the fill layer exists a layer of reworked soil consisting of native looking soil mix containing sand, silt and clayey soils and varies in thickness from 2 to 7 feet. Native soil below consists of a lean brown clay with varying amounts of silt, sand and gravel. A sandy soil formation exists below this clay soil layer along the northern half of the site. The native soils are encountered at depths varying from 4 to 10 feet below the surface and extend to bedrock at depths varying from 25 to 30 feet below ground surface. Bedrock consists of the Onondaga limestone formation. Groundwater depth is approximately 10 to 11 feet below ground surface. Based on area topography and proximity to the Buffalo River, the groundwater gradient is relatively flat, and flows in a westerly direction toward the river.

Env Problem:	Nature and Extent of Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were poly-cyclic aromatic hydrocarbons (PAHs), the metals arsenic, barium, lead and mercury and poly-chlorinated biphenyls (PCBs) in soil/fill. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."
Health Problem:	Measures are in place to address residual contamination at the site and therefore, contact with these contaminants is not expected.
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	1/27/2014 4:24:00 PM
Record Upd:	3/20/2017 1:16:00 PM
Updated By:	EWMELNYK
Own Op:	Owner
Sub Type:	P03
Owner Name:	Samuel Savarino
Owner Company:	441 Ohio Street, LLC
Owner Address:	500 Seneca Street, Suite 508
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14204
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mary Jean Jakubowski

441 OHIO STREET SITE (Continued) **S116287480**

Owner Company: Buffalo & Erie County Public Library
Owner Address: 1 Lafayette Square
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Samuel Savarino
Owner Company: 441 Ohio Street, LLC
Owner Address: 500 Seneca Street, Suite 508
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14204
Owner Country: United States of America
HW Code: C915285
Waste Type: barium
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: mercury
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: benzo[k]fluoranthene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: indeno(1,2,3-CD)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: lead
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: polychlorinated biphenyls (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZO(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported

441 OHIO STREET SITE (Continued) **S116287480**

HW Code: C915285
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C915285
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 3/7/2017 3:22:00 PM
Record Updated: 3/7/2017 3:22:00 PM
Updated By: EWMELNYK
Crossref ID: C915285-04-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 3/7/2017 4:14:00 PM
Record Updated: 3/7/2017 4:14:00 PM
Updated By: EWMELNYK
Crossref ID: BK/PG 11305/9096
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 3/7/2017 3:21:00 PM
Record Updated: 3/7/2017 3:21:00 PM
Updated By: EWMELNYK

Site Code: 491163
Control Name: Site Management Plan
HW Code: C915285
Control Code: 32
Control Type: INST
Dt record added: 10/27/2016
Dt rec updated: 04/05/2017
Updated By: SJSTYK
Site Code: 491163
Site Description: Location: The Site is located in an urban area with an official street address at 9 South Street near the intersection of Ohio Street in the City of Buffalo. Site Features: The site is a 1.78-acre portion of a larger 2.25 acre parcel. The topography of the site and vicinity is generally flat with little topographic elevation change. The land surface is only several feet above the water level of the adjoining Buffalo River and is situated within the 100 year floodplain of the river. The non-BCP portion of the 2.25 acre parcel is considered lands under water along the Buffalo River. This area may have been previously dredged to allow docking of commercial freight ships and barges. Current improvements consist of a recently constructed five story apartment building (2017). Previous improvements on the site consisted of a 500 x 100 foot 2-story wood framed building that occupied most of the site. The building was in an extremely dilapidated condition and had been condemned by the City of Buffalo Building Department. The building structure and most of the foundation was demolished in Spring 2015. A stone foundation wall abutting the Buffalo River was retained to be used as a retaining wall and historic riverfront architectural remnant desired by the local preservation community. The balance of the site is mostly paved or covered with gravel with some minor vegetated strip areas. A rail spur leads to the northern side of the site. Multiple rails lines previously lead to the interior of the former building. Current Zoning and Land Use: The site is located in the M2, General Industrial District, but has transitioned to Mixed Use Edge

441 OHIO STREET SITE (Continued) **S116287480**

Residential (N-2E and N-2R) under the revised Buffalo Green Code. The site is bounded by South Street to the north, with the NYSDEC recreational boat launch beyond; commercial and recreational property to the south (Bison City Rod and Gun Club), a vacant lot and Ohio Street to the east, and the Buffalo River along the western property line. Past Use of the Site: The site has been used for various freight and warehousing operations from as early as 1889. Operations included intermodal (lake freight, rail and trucking) material handling and shipping, equipment use and maintenance, paper recycling and bundling equipment. There was some nominal storage of paints, solvents, thinners, greases, hydraulic oils, and lubricants commonly used by the former commercial recycle paper handling operations inside the former building. Site Geology and Hydrogeology: The site is located within the Erie-Ontario lake plain physiographic province, which is typified by little topographic relief and gentle slope toward Lake Erie. Surface soils at the site consist of a layer of fill, varying in thickness from 2 to 4 feet, containing foundry sand, crushed slag, mixed soil and hard demolition debris. Below the fill layer exists a layer of reworked soil consisting of native looking soil mix containing sand, silt and clayey soils and varies in thickness from 2 to 7 feet. Native soil below consists of a lean brown clay with varying amounts of silt, sand and gravel. A sandy soil formation exists below this clay soil layer along the northern half of the site. The native soils are encountered at depths varying from 4 to 10 feet below the surface and extend to bedrock at depths varying from 25 to 30 feet below ground surface. Bedrock consists of the Onondaga limestone formation. Groundwater depth is approximately 10 to 11 feet below ground surface. Based on area topography and proximity to the Buffalo River, the groundwater gradient is relatively flat, and flows in a westerly direction toward the river.

Env Problem: Nature and Extent of Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were poly-cyclic aromatic hydrocarbons (PAHs), the metals arsenic, barium, lead and mercury and poly-chlorinated biphenyls (PCBs) in soil/fill. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."

Health Problem: Measures are in place to address residual contamination at the site and therefore, contact with these contaminants is not expected.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 1/27/2014 4:24:00 PM
Record Upd: 3/20/2017 1:16:00 PM
Updated By: EWMELNYK
Own Op: Owner
Sub Type: P03
Owner Name: Samuel Savarino
Owner Company: 441 Ohio Street, LLC
Owner Address: 500 Seneca Street, Suite 508

441 OHIO STREET SITE (Continued) **S116287480**

Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14204
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Mary Jean Jakubowski
Owner Company: Buffalo & Erie County Public Library
Owner Address: 1 Lafayette Square
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Samuel Savarino
Owner Company: 441 Ohio Street, LLC
Owner Address: 500 Seneca Street, Suite 508
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14204
Owner Country: United States of America
HW Code: C915285
Waste Type: barium
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: mercury
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: benzo[k]fluoranthene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: indeno(1,2,3-CD)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: lead
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: polychlorinated biphenyls (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZO(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZO(A)PYRENE

441 OHIO STREET SITE (Continued) **S116287480**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C915285
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 3/7/2017 3:22:00 PM
Record Updated: 3/7/2017 3:22:00 PM
Updated By: EWMELNYK
Crossref ID: C915285-04-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 3/7/2017 4:14:00 PM
Record Updated: 3/7/2017 4:14:00 PM
Updated By: EWMELNYK
Crossref ID: BK/PG 11305/9096
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 3/7/2017 3:21:00 PM
Record Updated: 3/7/2017 3:21:00 PM
Updated By: EWMELNYK

Site Code: 491163
Control Name: IC/EC Plan
HW Code: C915285
Control Code: 34
Control Type: INST
Dt record added: 10/27/2016
Dt rec updated: 04/05/2017
Updated By: SJSTYK
Site Code: 491163
Site Description: Location: The Site is located in an urban area with an official street address at 9 South Street near the intersection of Ohio Street in the City of Buffalo. Site Features: The site is a 1.78-acre portion of a larger 2.25 acre parcel. The topography of the site and vicinity is generally flat with little topographic elevation change. The land surface is only several feet above the water level of the adjoining Buffalo River and is situated within the 100 year floodplain of the river. The non-BCP portion of the 2.25 acre parcel is considered lands under water along the Buffalo River. This area may have been previously dredged to allow docking of commercial freight ships and barges. Current improvements consist of a recently constructed five story apartment building (2017). Previous improvements on the site consisted of a 500 x 100 foot 2-story wood framed building that occupied most of the site. The building was in an extremely dilapidated condition and had been condemned by the City of Buffalo Building Department. The building structure and most of the foundation was demolished in Spring 2015. A stone foundation wall abutting the Buffalo River was retained to be used as a retaining wall and historic riverfront architectural remnant desired by the

441 OHIO STREET SITE (Continued) **S116287480**

local preservation community. The balance of the site is mostly paved or covered with gravel with some minor vegetated strip areas. A rail spur leads to the northern side of the site. Multiple rails lines previously lead to the interior of the former building. Current Zoning and Land Use: The site is located in the M2, General Industrial District, but has transitioned to Mixed Use Edge Residential (N-2E and N-2R) under the revised Buffalo Green Code. The site is bounded by South Street to the north, with the NYSDEC recreational boat launch beyond; commercial and recreational property to the south (Bison City Rod and Gun Club), a vacant lot and Ohio Street to the east, and the Buffalo River along the western property line. Past Use of the Site: The site has been used for various freight and warehousing operations from as early as 1889. Operations included intermodal (lake freight, rail and trucking) material handling and shipping, equipment use and maintenance, paper recycling and bundling equipment. There was some nominal storage of paints, solvents, thinners, greases, hydraulic oils, and lubricants commonly used by the former commercial recycle paper handling operations inside the former building. Site Geology and Hydrogeology: The site is located within the Erie-Ontario lake plain physiographic province, which is typified by little topographic relief and gentle slope toward Lake Erie. Surface soils at the site consist of a layer of fill, varying in thickness from 2 to 4 feet, containing foundry sand, crushed slag, mixed soil and hard demolition debris. Below the fill layer exists a layer of reworked soil consisting of native looking soil mix containing sand, silt and clayey soils and varies in thickness from 2 to 7 feet. Native soil below consists of a lean brown clay with varying amounts of silt, sand and gravel. A sandy soil formation exists below this clay soil layer along the northern half of the site. The native soils are encountered at depths varying from 4 to 10 feet below the surface and extend to bedrock at depths varying from 25 to 30 feet below ground surface. Bedrock consists of the Onondaga limestone formation. Groundwater depth is approximately 10 to 11 feet below ground surface. Based on area topography and proximity to the Buffalo River, the groundwater gradient is relatively flat, and flows in a westerly direction toward the river.

Env Problem: Nature and Extent of Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were poly-cyclic aromatic hydrocarbons (PAHs), the metals arsenic, barium, lead and mercury and poly-chlorinated biphenyls (PCBs) in soil/fill. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."

Health Problem: Measures are in place to address residual contamination at the site and therefore, contact with these contaminants is not expected.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 1/27/2014 4:24:00 PM
Record Upd: 3/20/2017 1:16:00 PM

441 OHIO STREET SITE (Continued) **S116287480**

Updated By: EWMELNYK
Own Op: Owner
Sub Type: P03
Owner Name: Samuel Savarino
Owner Company: 441 Ohio Street, LLC
Owner Address: 500 Seneca Street, Suite 508
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14204
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Mary Jean Jakubowski
Owner Company: Buffalo & Erie County Public Library
Owner Address: 1 Lafayette Square
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Samuel Savarino
Owner Company: 441 Ohio Street, LLC
Owner Address: 500 Seneca Street, Suite 508
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14204
Owner Country: United States of America
HW Code: C915285
Waste Type: barium
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: mercury
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: benzo[k]fluoranthene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: indeno(1,2,3-CD)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: lead
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: polychlorinated biphenyls (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZO(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported

441 OHIO STREET SITE (Continued) **S116287480**

HW Code: C915285
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915285
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C915285
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 3/7/2017 3:22:00 PM
Record Updated: 3/7/2017 3:22:00 PM
Updated By: EWMELNYK
Crossref ID: C915285-04-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 3/7/2017 4:14:00 PM
Record Updated: 3/7/2017 4:14:00 PM
Updated By: EWMELNYK
Crossref ID: BK/PG 11305/9096
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 3/7/2017 3:21:00 PM
Record Updated: 3/7/2017 3:21:00 PM
Updated By: EWMELNYK

BROWNFIELDS:
Program: BCP
Site Code: 491163
Acres: 1.78
HW Code: C915285
SWIS: 1502
Town: Buffalo (c)
Record Added Date: 01/27/2014
Record Updated Date: 05/25/2018
Update By: CRSTANIS
Site Description: Location: The Site is located in an urban area with an official street address at 9 South Street near the intersection of Ohio Street in the City of Buffalo. Site Features: The site is a 1.78-acre portion of a larger 2.25 acre parcel. The topography of the site and vicinity is generally flat with little topographic elevation change. The land surface is only several feet above the water level of the adjoining Buffalo River and is situated within the 100 year floodplain of the river. The non-BCP portion of the 2.25 acre parcel is considered lands under water along the Buffalo River. This area may have been previously dredged to allow docking of commercial freight ships and barges. Current improvements consist of a recently constructed five story apartment building (2017). Previous

441 OHIO STREET SITE (Continued) **S116287480**

improvements on the site consisted of a 500 x 100 foot 2-story wood framed building that occupied most of the site. The building was in an extremely dilapidated condition and had been condemned by the City of Buffalo Building Department. The building structure and most of the foundation was demolished in Spring 2015. A stone foundation wall abutting the Buffalo River was retained to be used as a retaining wall and historic riverfront architectural remnant desired by the local preservation community. The balance of the site is mostly paved or covered with gravel with some minor vegetated strip areas. A rail spur leads to the northern side of the site. Multiple rails lines previously lead to the interior of the former building. Current Zoning and Land Use: The site is located in the M2, General Industrial District, but has transitioned to Mixed Use Edge Residential (N-2E and N-2R) under the revised Buffalo Green Code. The site is bounded by South Street to the north, with the NYSDEC recreational boat launch beyond; commercial and recreational property to the south (Bison City Rod and Gun Club), a vacant lot and Ohio Street to the east, and the Buffalo River along the western property line. Past Use of the Site: The site has been used for various freight and warehousing operations from as early as 1889. Operations included intermodal (lake freight, rail and trucking) material handling and shipping, equipment use and maintenance, paper recycling and bundling equipment. There was some nominal storage of paints, solvents, thinners, greases, hydraulic oils, and lubricants commonly used by the former commercial recycle paper handling operations inside the former building. Site Geology and Hydrogeology: The site is located within the Erie-Ontario lake plain physiographic province, which is typified by little topographic relief and gentle slope toward Lake Erie. Surface soils at the site consist of a layer of fill, varying in thickness from 2 to 4 feet, containing foundry sand, crushed slag, mixed soil and hard demolition debris. Below the fill layer exists a layer of reworked soil consisting of native looking soil mix containing sand, silt and clayey soils and varies in thickness from 2 to 7 feet. Native soil below consists of a lean brown clay with varying amounts of silt, sand and gravel. A sandy soil formation exists below this clay soil layer along the northern half of the site. The native soils are encountered at depths varying from 4 to 10 feet below the surface and extend to bedrock at depths varying from 25 to 30 feet below ground surface. Bedrock consists of the Onondaga limestone formation. Groundwater depth is approximately 10 to 11 feet below ground surface. Based on area topography and proximity to the Buffalo River, the groundwater gradient is relatively flat, and flows in a westerly direction toward the river.

Env Problem: Nature and Extent of Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were poly-cyclic aromatic hydrocarbons (PAHs), the metals arsenic, barium, lead and mercury and poly-chlorinated biphenyls (PCBs) in soil/fill. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan."

Health Problem: Measures are in place to address residual contamination at the site and therefore, contact with these contaminants is not expected.

Dump: False
Structure: False
Lagoon: False
Landfill: False

441 OHIO STREET SITE (Continued) **S116287480**

Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	1/27/2014 4:24:00 PM
Record Upd:	3/20/2017 1:16:00 PM
Updated By:	EWMELNYK
Own Op:	Owner
Sub Type:	P03
Owner Name:	Samuel Savarino
Owner Company:	441 Ohio Street, LLC
Owner Address:	500 Seneca Street, Suite 508
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14204
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mary Jean Jakubowski
Owner Company:	Buffalo & Erie County Public Library
Owner Address:	1 Lafayette Square
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
Own Op:	Applicant/Requestor
Sub Type:	P03
Owner Name:	Samuel Savarino
Owner Company:	441 Ohio Street, LLC
Owner Address:	500 Seneca Street, Suite 508
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14204
Owner Country:	United States of America
HW Code:	C915285
Waste Type:	barium
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915285
Waste Type:	mercury
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915285
Waste Type:	chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915285
Waste Type:	benzo[k]fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915285
Waste Type:	indeno(1,2,3-CD)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915285
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915285

441 OHIO STREET SITE (Continued) **S116287480**

Waste Type:	polychlorinated biphenyls (PCB)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915285
Waste Type:	BENZO(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915285
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915285
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915285
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915285
Waste Type:	BENZ(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C915285
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	3/7/2017 3:22:00 PM
Record Updated:	3/7/2017 3:22:00 PM
Updated By:	EWMELNYK
Crossref ID:	C915285-04-14
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	3/7/2017 4:14:00 PM
Record Updated:	3/7/2017 4:14:00 PM
Updated By:	EWMELNYK
Crossref ID:	BK/PG 11305/9096
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	3/7/2017 3:21:00 PM
Record Updated:	3/7/2017 3:21:00 PM
Updated By:	EWMELNYK

---

45 **399 OHIO STREET SITE** **NY BROWNFIELDS** **S116712570**
NNE **399 OHIO STREET** **N/A**
1/8-1/4 **BUFFALO, NY 14204**
0.147 mi.
778 ft.

Relative: **Lower**

Actual: **576 ft.**

BROWNFIELDS:

Program:	BCP
Site Code:	494341
Acres:	5
HW Code:	C915287
SWIS:	1502
Town:	Buffalo (c)
Record Added Date:	05/01/2014
Record Updated Date:	12/14/2017
Update By:	CRSTANIS

399 OHIO STREET SITE (Continued) **S116712570**

Site Description:	Location: The 399 Ohio Street Site is located in an urban area of the City of Buffalo. The site is approximately 1/4 mile south of the intersection with Michigan Avenue. Site Features: The main site features on this 5.0 acre site includes a newly constructed 52,000 square foot mixed use building for restaurants, commercial space, and residential apartments to the north and an approximately 10,000 square foot vehicle maintenance building to the south. The remaining area in-between these two buildings is planned for future phases of the development and is covered with blacktop. The site is generally flat and bordered by the River Fest Park to the north, a rowing club to the south, Ohio Street to the east, and the Buffalo River to the west. Current Zoning and Land Use: The site is zoned for commercial use and contains a newly constructed building to the north for apartments along with future restaurants/commercial space, and a maintenance building to the south. The surrounding parcels are currently used for a combination of commercial, light industrial, and utility right-of-ways. The nearest residential area is 0.3 miles to the east. Past Use of the Site: The site has been utilized for various industrial and commercial operations since at least 1889. Operations included rail lines, material handling and shipping equipment maintenance, and the use and storage of paints, solvents, thinners, greases, hydraulic oils and lubricants common among former commercial operations. More recently property uses have included the operation of bus and trucking terminal and maintenance operations, including the placement of underground storage tanks, aboveground storage tanks, and fuel dispensing pump(s). Geology and Hydrogeology: The site consists of 4-6 feet of fill (soil, ash, brick, and sand) over native clay. Shallow groundwater was encountered at 4-6 feet below ground surface and flows westward towards the Buffalo River.
Env Problem:	Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were SVOCs, arsenic, cadmium and lead in soil and PAHs and metals in groundwater. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in the soil and groundwater is being managed under a Site Management Plan.
Health Problem:	Measures are in place to control the potential for coming in contact with residual subsurface soil and groundwater contamination at the site.
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	5/1/2014 2:24:00 PM
Record Upd:	12/14/2016 8:52:00 AM
Updated By:	ALLOPES
Own Op:	Owner
Sub Type:	06
Owner Name:	Not reported
Owner Company:	1093 Group, LLC
Owner Address:	295 Main Street, Suite 210
Owner Addr2:	Not reported

399 OHIO STREET SITE (Continued) **S116712570**

Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
Own Op:	Applicant/Requestor
Sub Type:	P03
Owner Name:	William Paladino
Owner Company:	1093 Group, LLC
Owner Address:	295 Main Street, Suite 210
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mary Jean Jakubowski
Owner Company:	Buffalo & Erie County Public Library
Owner Address:	1 Lafayette Square
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Anthony Lopes
Owner Company:	NYS DEC
Owner Address:	270 Michigan Ave
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
HW Code:	C915287
Waste Type:	cadmium
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915287
Waste Type:	indeno(1,2,3-CD)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915287
Waste Type:	chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915287
Waste Type:	benzo(a)anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915287
Waste Type:	bis(2-ethylhexyl)phthalate
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915287
Waste Type:	benzo(a)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915287
Waste Type:	dibenz[a,h]anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915287
Waste Type:	benzo(b)fluoranthene
Waste Quantity:	UNKNOWN

399 OHIO STREET SITE (Continued) **S116712570**

Waste Code:	Not reported
HW Code:	C915287
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C915287-09-14
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	11/14/2016 12:18:00 PM
Record Updated:	11/14/2016 12:18:00 PM
Updated By:	ALLOPES
Crossref ID:	File 2016129900
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	11/14/2016 1:30:00 PM
Record Updated:	11/14/2016 1:30:00 PM
Updated By:	ALLOPES
Crossref ID:	BK/PG D 11297/8458
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	11/14/2016 12:26:00 PM
Record Updated:	11/14/2016 12:26:00 PM
Updated By:	ALLOPES
Crossref ID:	10-15-2014
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	11/14/2016 1:33:00 PM
Record Updated:	12/1/2016 11:11:00 AM
Updated By:	mfmoore

G46 **LAFARGE NORTH AMERICA** **RCRA NonGen / NLR** **1005417290**
SE **575 OHIO ST** **NY MANIFEST** **NYR000104166**
1/8-1/4 **BUFFALO, NY 14203**
0.166 mi.
874 ft. **Site 1 of 2 in cluster G**

Relative:
Lower

Actual:
584 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	LAFARGE NORTH AMERICA
Facility address:	575 OHIO ST BUFFALO, NY 14203-3119
EPA ID:	NYR000104166
Mailing address:	OHIO ST BUFFALO, NY 14203-3119
Contact:	EDWARD HICKEY
Contact address:	OHIO ST BUFFALO, NY 14203-3119
Contact country:	US
Contact telephone:	716-854-5791
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	LAFARGE NORTH AMERICA INC
Owner/operator address:	12950 WORLDGATE DR SUITE 500

LAFARGE NORTH AMERICA (Continued) **1005417290**

HERNDON, VA 20170
Owner/operator country: US
Owner/operator telephone: 703-480-3600
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

Owner/operator name: LAFARGE NORTH AMERICA INC
Owner/operator address: 12950 WORLDGATE DR SUITE 500
HERNDON, VA 20170
Owner/operator country: US
Owner/operator telephone: 703-480-3600
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: LAFARGE NORTH AMERICA
Classification: Not a generator, verified

Date form received by agency: 02/20/2002
Site name: LAFARGE NORTH AMERICA
Classification: Small Quantity Generator

. Waste code: B004
. Waste name: B004

Violation Status: No violations found

NY MANIFEST:
Country: USA

LAFARGE NORTH AMERICA (Continued) **1005417290**

EPA ID:	NYR000104166
Facility Status:	Not reported
Location Address 1:	575 OHIO STREET
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BUFFALO
Location State:	NY
Location Zip:	14203
Location Zip 4:	3119

NY MANIFEST:

EPAID:	NYR000104166
Mailing Name:	LAFARGE NORTH AMERICA
Mailing Contact:	WILLIMA TAYLOR
Mailing Address 1:	575 OHIO STREET
Mailing Address 2:	Not reported
Mailing City:	BUFFALO
Mailing State:	NY
Mailing Zip:	14203
Mailing Zip 4:	3119
Mailing Country:	USA
Mailing Phone:	7168545791

NY MANIFEST:

Document ID:	NYC6691792
Manifest Status:	Not reported
seq:	01
Year:	2002
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	04/01/2002
Trans1 Recv Date:	04/01/2002
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/08/2002
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000104166
Trans1 EPA ID:	SCR000074591
Trans2 EPA ID:	Not reported
TSDF ID 1:	OHD986975399
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	B001 - PCB OIL (CONC) FROM TRANS, CAP, ETC
Waste Code:	Not reported
Waste Code:	Not reported

LAFARGE NORTH AMERICA (Continued) **1005417290**

Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00182
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	008
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

G47 **NIAGARA MOHAWK A NATIONAL GRID CO** **RCRA NonGen / NLR** **1018277398**
SSE **768 OHIO ST & GANSON ST** **FINDS** **NYP000972562**
1/8-1/4 **BUFFALO, NY 14210** **ECHO**
0.189 mi.
996 ft. **Site 2 of 2 in cluster G**

Relative: **Lower**
Actual: **583 ft.**

RCRA NonGen / NLR:

Date form received by agency:	04/11/2016
Facility name:	NIAGARA MOHAWK A NATIONAL GRID CO
Facility address:	768 OHIO ST & GANSON ST BUFFALO, NY 14210
EPA ID:	NYP000972562
Mailing address:	ERIE BLVD WEST SYRACUSE, NY 13202
Contact:	LENNY DEL VECCHIO
Contact address:	ERIE BLVD WEST SYRACUSE, NY 13202
Contact country:	US
Contact telephone:	315-428-6670
Contact email:	LEONARD.DELVECCHIO@NATIONALGRID.COM
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	02/01/2016

NIAGARA MOHAWK A NATIONAL GRID CO (Continued) **1018277398**

Site name: NIAGARA MOHAWK A NATIONAL GRID CO
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110067265033

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1018277398
Registry ID: 110067265033
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110067265033

H48 **SAM'S TRUCK STOP #110** **NY LTANKS** **U003317438**
NNE **300 OHIO ST** **NY UST** **N/A**
1/8-1/4 **BUFFALO, NY 14204** **NY AST**
0.197 mi. **NY ENG CONTROLS**
1042 ft. **Site 1 of 2 in cluster H** **NY INST CONTROL**
NY BROWNFIELDS
Relative: Lower **NY Spills**
Actual: 581 ft.

LTANKS:

Facility ID:	9009917
Site ID:	184256
Closed Date:	1991-07-24
Spill Number:	9009917
Spill Date:	1990-12-12
Spill Cause:	Tank Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	Not reported
Cleanup Ceased:	1991-07-24
SWIS:	1502
Investigator:	LEARY
Referred To:	Not reported
Reported to Dept:	1990-12-12
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	1991-06-24
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1990-12-14
Spill Record Last Update:	1991-09-27

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Spiller Name:	Not reported
Spiller Company:	PETROLEUM SALES AND SERV.
Spiller Address:	300 OHIO STREET
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	9
DER Facility ID:	154204
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was RNL 12/14/90: RNL INSP. 12/13/90, OIL IN UTILITY EXCAVATION, SAMPLED OIL, NOTIFIED PETROLEUM AND SERVICE; RNL TOOK SAMPLE TO RECRA 12/14/90. 01/04/91: RNL INSP. 01/04/91, EXCAVATION COVERED, HOLD FOR SAMPLE RESULTS FROM RECRA. 01/30/91: RNL LETTER 01/30/91 TO PETROLEUM SALES AND SERVICE, REQUESTED MONITORING WELLS SINCE CONTAMINATION FOUND IN NFG EXCAVATION. 02/07/91: RNL INSP. 02/07/91, MET MANAGER, WE CHECKED TWO WELLS NEXT TO NFG EXCAVATION, BOTH WELLS HAD A SPOTTY SHEEN, CLEANUP REQUIRED; RNL LETTER TO SPILLER 02/07/91, REQUESTED CLEANUP. 04/10/91: RNL SECOND LETTER TO SPILLER 04/10/91, REQUESTED RESPONSE BY 04/19/91. 05/16/91: RNL REC. PROPOSAL 04/23/91, TO INSTALL PASSIVE RECOVERY SYSTEM; RNL LETTER TO RP 05/16/91, OK TO INSTALL. 06/24/91: RNL INSP. 06/24/91, MET JAMES RAHM, HE SAID MR. HAPLIN HANDLING INSTALLATION, HE WILL CHECK WITH HIM ON STATUS. 07/24/91: RNL INFO 07/24/91, LINE FAILURE FOUND AT STATION UNDER SPILL #9104400, THIS SPILL CLOSEOUT AS PETROLEUM SALES AND SERVICE WILL CLEANUP. "
Remarks:	"NOTIFIED BY NATIONAL FUEL GAS, THEY FOUND OIL IN A UTILITY EXCAVATION IN FRONT OF PETROLEUM SALES AND SERVICE TRUCK STOP"

All Materials:

Site ID:	184256
Operable Unit ID:	946937
Operable Unit:	01
Material ID:	430101
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Facility ID:	9104400
Site ID:	184257
Closed Date:	1996-09-24
Spill Number:	9104400
Spill Date:	1991-07-24
Spill Cause:	Tank Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	1502
Investigator:	LEARY
Referred To:	Not reported
Reported to Dept:	1991-07-24
CID:	Not reported

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	1995-02-24
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1991-07-26
Spill Record Last Update:	1996-10-03
Spiller Name:	JAMES RAHM
Spiller Company:	PETROLEUM SALES & SERVICE
Spiller Address:	300 OHIO STREET
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	9
DER Facility ID:	154204
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was RNL 07/25/91: RNL SITE INSP. 07/25/91, K&T PUMP HAD RECOVERED 1700 GALLONS OF DIESEL VIA TWO MW'S, WILL NEED FURTHER REMEDIATION, MEETING TO BE HELD 07/26/91. 09/25/91: RNL SITE INSP. 08/09/91, MEETING WITH K&T PUMP, THEY WILL INSTALL PUMP SYSTEM; RNL TELECON 09/25/91, TO RAHM, TOLD HIM I NEED SCHEDULE AND PUMP SYSTEM ASAP, HE WILL CONTACT ME. 10/17/91: RNL SITE INSP. 10/17/91, MET RAHM, TANK ON SITE BUT NOT IN OPERATION, RAHM SAID ALL BUT 300 GALLONS RECOVERED VIA PUMPING OF WELL, TOLD HIM I STILL NEED DATA, HE WILL CHECK. 12/09/91: RNL SITE INSP. 11/20/91, MET RAHM, NO CHANGE IN STATUS, HE WILL CALL ME WITH INFO; RNL TELECON 12/09/91, WITH RAHM, NO DATA YET, HE WILL CHECK. 02/11/92: RNL LETTER 01/27/92, REQUESTED RESPONSE BY 02/07/92; RNL REC. LETTER DATED 01/31/92, WANTED TO USE SKIMMERS ONLY; RNL LETTER 02/11/92, REQUESTED WORK (NOT SKIMMERS) AND ANSWER. 04/15/92: RNL LETTER 04/15/92, REQUESTED RESPONSE BY 05/01/92 OR LEGAL ACTION. 05/29/92: RNL SITE INSP. 05/29/92, TANK CLEAN AND OK TO BACKFILL, RECEIVED WORK PLAN BY NATURE'S WAY, ENCOURAGED WORK ASAP. 07/09/92: RNL SITE INSP. 07/09/92, NO WORK TO DATE, LEFT MESSAGE FOR THEM TO CALL ME, NATURE'S WAY IS SUPPOSED TO CLEANUP. 12/08/92: RNL TELECON TO RON HALPIN, SYSTEM SET UP BUT NOT YET OPERATING, REQUESTED ON SITE MEETING, HE WILL ARRANGE FOR NEXT WEEK. 12/15/92: RNL SITE MEETING WITH HALPIN, RAHM, AND RUSS SAVAGE, SYSTEM IN OPERATION, WATER FROM RECOVERY WELL TO SEPARATOR AND RETURNED TO INJECTION WELL, OK, SAVAGE TO MONITOR. 07/05/93: RNL SITE MEETING WITH HALPIN, AND RAHM, SYSTEM IN OPERATION, WATER FROM RECOVERY WELL TO SEPARATOR AND RETURNED TO INJECTION WELL, OK, SAVAGE TO MONITOR. 07/15/93: RNL REC. REPORT 07/15/93, RECOVERED 2855 GALLONS OF OIL OF 3006 GALLON SPILL, SYSTEM TO CONTINUE TO OPERATE, NEED SAMPLE RESULTS. 05/12/94: RNL INSP. 05/12/94, MET JIM RAHM, RETURN LINE BEING REPAIRED, TOLD RAHM SAMPLING IS NECESSARY FOR THREE WELLS, WILL SEND LETTER. 07/07/94: RNL LETTER DATED 05/12/94, REQUESTED SAMPLING BY 06/20/94, RECIEVED SAMPLE RESULTS 07/07/94, CLEANUP STILL REQUIRED BUT LEVELS DOWN TO PPB. 11/07/94: RNL LETTER DATED 11/07/94, REQUESTED SAMPLING BY 12/30/94 AND UPDATE OF REMEDIATION. 02/02/95: RNL TELECON WITH RAHM 02/02/95, HE WILL SEND SAMPLE RESUTLS, HE HAD COPY, WE SHOULD HAVE HAD A COPY, MEETING SET FOR 02/21/95 TO REVIEW STATUS. 02/06/95: RNL REC SAMPLE SAMPLE RESULTS 02/06/95, MW1 AND MW3 HIGH, MEETING STILL SET FOR 02/21/95 TO REVIEW STATUS. 02/24/95: RNL MEETING 02/24/95, REVEIWED REPORT, MW1 HIGH LEVEL, MW2 AND MW3 MODERATE LEVELS, MW4 NOT

SAM'S TRUCK STOP #110 (Continued) **U003317438**

SAMPLES, AGREED TO RESAMPLE BY MAY, 1995, FOR BTEX, RNL SENT LETTER DATED 03/01/95. 07/03/95: RNL FILE REVIEW 07/03/95, SAMPLE RESULTS NOT RECEIVED FOR MAY, 1995 , SAMPLING, LETTER SENT 07/05/95. 07/12/95: RNL RECEIVED SAMPLE RESULTS FOR 05/31/95, RESULTS IMPROVING, MAY BE I SITE IF LEVELS REMAIN SAME OR LOWER. 03/16/96: RECEIVED SAMPLE RESULTS FROM NATURE'S WAY, MW1 STILL OVER 1PPM BTEX 04/16/96: RNL LETTER TO PETROLEUM SALES & SERVICE, REQUESTED CONTINUED OPERATION OF TREATMENT SYSTEM AND RESAMPLING OF MW1 AND MW3 LATE THIS SUMMER 09/11/96: RECEIVED SAMPLE RESULTS DATED 09/06/96 FROM NATURE'S WAY, RESULTS INDICATED MINOR EXCEEDANCES OF GA GROUNDWATER STANDARDS, OVERALL TREND STILL DOWN, CLOSEOUT AS INACTIVE 09/24/96: RNL SENT SEND INACTIVE LETTER TO PETROLEUM SALES AND SERVICE (NOTE: RECEIVED APPRECIATION LETTER DATED 09/27/96 BACK FROM THEM)"

Remarks: "LINE FAILURE ON DIESEL LINE"

All Materials:

Site ID:	184257
Operable Unit ID:	958297
Operable Unit:	01
Material ID:	423468
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	3000.00
Units:	G
Recovered:	2500.00
Oxygenate:	Not reported

Facility ID:	9110763
Site ID:	184258
Closed Date:	1992-07-09
Spill Number:	9110763
Spill Date:	1992-01-15
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	C3
Cleanup Ceased:	1992-07-09
SWIS:	1502
Investigator:	LEARY
Referred To:	Not reported
Reported to Dept:	1992-01-16
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	1992-07-09
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1992-01-24
Spill Record Last Update:	1992-08-05
Spiller Name:	Not reported
Spiller Company:	PETROLEUM SALES & SERVICE
Spiller Address:	300 OHIO STREET
Spiller County:	001

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	9
DER Facility ID:	154204
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was RNL 02/22/92: RNL LETTER 01/27/92, REQUESTED UPDATE ON TANK TESTING; RNL REC. SECOND TEST, TANK FAILED, TO BE PUMPED OUT 02/22/92, ONE 20000 GALLON PASSED TEST AND IS TO REMAIN IN SERVICE. 04/15/92: RNL LETTER 04/15/92, REQUESTED RESPONSE BY 05/01/92 OR LEGAL ACTION. 07/09/92: RNL INSP. 05/29/92, ONE TANK CLOSED OUT FOR THIS SPILL; RNL SITE INSP. 07/09/92, NO WORK AT SITE BUT CLOSE OUT THIS SPILL, KEEP SPILL 9104400 OPEN AT THIS LOCATION. "
Remarks:	"FAILED TANKS AT PETROLEUM SALES & SERVICE"

All TTF:

Facility ID:	9110763
Spill Number:	9110763
Spill Tank Test:	1539516
Site ID:	184258
Tank Number:	Not reported
Tank Size:	0
Material:	0008
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	184258
Operable Unit ID:	964639
Operable Unit:	01
Material ID:	415845
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Facility ID:	9302663
Site ID:	184259
Closed Date:	1993-08-09
Spill Number:	9302663
Spill Date:	1993-05-27
Spill Cause:	Tank Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	B3

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Cleanup Ceased:	1993-08-09
SWIS:	1502
Investigator:	LEARY
Referred To:	Not reported
Reported to Dept:	1993-05-27
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	1993-07-05
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1993-05-28
Spill Record Last Update:	2002-03-20
Spiller Name:	Not reported
Spiller Company:	PETROLEUM SALES AND SERVI
Spiller Address:	300 OHIO STREET
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	9
DER Facility ID:	154204
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was RNL 08/09/93: RNL/HALPIN/SITE - CLEANUP UNDERWAY FOR SPILL #9104400. RECEIVED SAMPLE RESULTS FOR THIS SPILL; CONTAMINATED. CLOSE OUT THIS SPILL AND CONTINUE CLEANUP UNDER 9104400 - SEE SPILL 9104400. "
Remarks:	"PULL 2 TANKS; CONTAMINATION NOTED."

All Materials:

Site ID:	184259
Operable Unit ID:	980990
Operable Unit:	01
Material ID:	399779
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

Facility ID:	9510010
Site ID:	184261
Closed Date:	1997-01-22
Spill Number:	9510010
Spill Date:	1995-11-11
Spill Cause:	Tank Overfill
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	C3
Cleanup Ceased:	1997-01-22
SWIS:	1502
Investigator:	MXFRANKS
Referred To:	Not reported
Reported to Dept:	1995-11-11

SAM'S TRUCK STOP #110 (Continued) **U003317438**

CID:	312
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	1995-11-15
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1995-11-11
Spill Record Last Update:	2002-03-20
Spiller Name:	KIP LEXNER
Spiller Company:	STS TRANSPORTATION
Spiller Address:	PO BOX 317
Spiller County:	001
Spiller Contact:	RON HALPIN
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	9
DER Facility ID:	154204
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MF 11/14/95: MF 11/11/95 SITE VISIT/KIP LEXNER, STS/DENNIS CRONIN, SAMS/EPS, STS'S CONTRACTOR. OVERFILL OF UG DIESEL TANK. PROBLEM WITH RESPONSIBILITY. CONTRACTOR TO PAD BERM & COVER AREA. WILL REMOVE SOIL 11/13/95. RAINING HARD. EXPLAINED TO RP (STS) WHAT MUST BE DONE. LETTER SENT. 11/14/95: MF 11/13/95 SITE VISIT/RON HALPIN, JIM ROHN, SAMS/EPS. AREA AROUND TANK FIELD DUG DOWN APPX 3'. FREE PRODUCT (1). STONE BACKFILL. WILL PUMP DIESEL/WATER THRU SEPARATOR. SOIL STAGED ON SITE. 11/27/95: MF 11/15/95 SITE VISIT, EPS ON SITE, AREA BACKFILLED, MW'S INSTALLED(2). 1500 GALLONS, OIL/WATER VACCED. MET/RON HALPIN TOLD HIM REMEDIATION PLAN NECESSARY & THAT I WILL CONTACT KIP. 11/27/95: MF TELECON KIP, EXPLAINED REMEDIATION PLAN NECESSARY. LETTER SENT RESPONSE BY 12/15/95. 12/18/95: MF LETTER FROM RP. REMEDIATION PLAN NOT INCLUDED. SOIL NOT DISPOSED OF. 01/16/96: MF LETTER TO RP, REQUESTING REMEDIATION PLAN, SAMPLING OF 2 MW'S & SITE DIAGRAM. 02/07/96: MF FOR RNL T/C MR. LEXNER, MULTIPARTY SPILL SITE MEETING RECOMMENDED. 02/21/96: MF T/C MR. LEXNOR, TO CALL BACK. 03/18/96: MF 1ST SOIL DISPOSAL & MW SAMPLING LETTER, DUE 4/15/96. 04/05/96: MF T/C KIP LEXNER, CLAIMED INS CO WILL NOT PAY DUE TO DEC NOT HAVING AUTHORITY TO REQUIRE CLEANUP. HOWEVER WELLS WILL BE SAMPLED NEXT WEEK. DISPOSAL RECEIPT TO BE SENT. 04/25/96: MF RECEIVED SOIL DISPOSAL RECEIPTS. 08/14/96: MF T/C KIP LEXNER, HE WILL ENV PRODUCT TO HAVE THEM SAMPLE, SHOULD BE DONE BY THE END OF THIS MONTH. 10/15/96: MF T/C KIP LEXNER, CLAIMED MW'S (2) WILL BE SAMPLED THIS WEEK. 8021 & 8270BN'S. 01/15/97: MF T/C KIP LEXNER, CLAIMED WELLS SAMPLED, KIP WILL CHECK WITH CARMAN COSTA FOR RESULTS. 01/22/97: MF RECEIVED MW ANALYTICAL RESULTS, MW#1 BELOW STARS, MW#2 COMPOUNDS ABOVE STARS, ISOPROPYLBENZENE 7.1; n-PROPYLBENZENE 6.9; 1,3,5 TRIMETHYLBENZENE 13.2; 1,2,4 TRIMETHYLBENZENE 18.4; sec-BUTYLBENZENE & 1,3-DICHLOROBENZENE 27.6; ISOPROPYLTOLUENE 23.6; n-BUTYLBENZENE 11.8; ALL PPB. SPILL 'I', LETTER TO ALL PARTIES. NO FURTHER ACTION NECESSARY AT THIS TIME."
Remarks:	"DRIVER OVERFILLED UNDERGROUND TANK - DRIVER WAS TOLD THAT IT WAS A 10,000 GALLON TANK, BUT IT ONLY WAS A 6,000 GALLON TANK - MOST OF THE SPILL HAS BEEN CLEANED UP ALREADY - ELMWOOD TANK & PIPE CLEANING COMING OUT TO FINISH CLEANUP"

All Materials:

Site ID:	184261

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Operable Unit ID:	1024333
Operable Unit:	01
Material ID:	360936
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Facility ID:	9800568
Site ID:	184264
Closed Date:	1998-12-14
Spill Number:	9800568
Spill Date:	1998-04-14
Spill Cause:	Tank Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	1502
Investigator:	LEARY
Referred To:	Not reported
Reported to Dept:	1998-04-14
CID:	999
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	1998-07-31
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1998-04-14
Spill Record Last Update:	2002-03-20
Spiller Name:	RON HALPIN
Spiller Company:	PETROLEUM SALES & SERVICE
Spiller Address:	300 OHIO STREET
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	9
DER Facility ID:	154204
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was RNL 04/14/98: RNL INSPECTION, MET RON HALPIN OF PETROLEUM SALES AND SERVIEC AND GARY TOLLNER OF K&T PUMP, TANK UNCOVERED, CONTAMINATION NOTED ON SOIL AND GROUNDWATER, STRONG PETROLEUM ODOR, THEY ARE PLANNING TO TREAT CONTAMINATED SOIL BY NATURE'S WAY, EXPLAINED SAMPLING REQUIRMENTS, SENT LETTER 04/15/98 04/22/98: RNL RECEIVED LETTER FROM PETROLEUM SALES AND SERVICE AGREEING TO RNL LETTER OF 04/15/98, THEY WILL BIOTREAT SOIL 07/31/98: RNL INSPECTION IN RESPONSE TO A COMPLAINT OF DUMPING, (SEE SPILL 9805444), DISCUSSED SITE WITH RON HALPIN, NEED SAMPLING DATA, ETC. TTHEY HAD BROUGHT SOIL FROM ANOTHER SITE WITH SPILLS PREMISSION, TOLD RON HALPIN NO MORE SOIL UNTIL DATA RECEIVED 08/06/98: RNL SENT LETTER TO PETROLEUM SALES

SAM'S TRUCK STOP #110 (Continued) **U003317438**

AND SERVICE REQUESTING SAMPLING DATA, WORK SCHEDULE, ETC. 11/29/98: RNL FILE REVIEW, RON HALPIN RESPONDED TO ALL ITEMS TO 08/05/98 LETTER EXCEPT FOR A SCHEDULE FOR BIOTREATMENT FROM NATURE'S WAY, RECEIVED SAMPLE RESULTS FOR 12,000 GALLON TANK, SAMPLE RESULTS FOR BIOTREATED SOIL PLACED INTO EXCAVATION, AND INITIAL SAMPLE RESULTS 11/29/98: RNL CALLED RON HALPIN, NOT IN, WILL CALL BACK 12/02/98: RNL TELECON WITH RON HALPIN, HE SAID SOIL HAD BEEN TREATED BY NATURE'S WAY ON A REGULAR BASIS, HE WILL CHECK WITH NATURE'S WAY 12/02/98: RNL RECEIVED FINAL SAMPLE RESULTS FROM NATURE'S WAY, ALL RESULTS ND 12/14/98: RNL SENT INACTIVE LETTER TO PETROLEUM SALES AND SERVICE CLOSEOUT 08/12/99: RNL RECIEVED ANOTHER ROUND OF SAMPLE RESULTS FROM MATRIX, THEY HAD SAMPLED SOIL AS PER PETROLEUM SALES AND SERICE REQUEST, APPARANTLY THEY DID NOT REALIZE THAT SITE WAS INACTIVE, NEW SAMPLE FOUND NO EXCEEDANCES OF STARS"

Remarks: "WHILE REMOVING A 12K GALLON DEISEL UST, DISCOVERED CONTAMINATION. SOILSTAGED ON PLASTIC ON SITE. NATURES WAY WILL BE ON SITE THIS AFTERNOON TO ASSESS TREATMENT. "

All Materials:

Site ID:	184264
Operable Unit ID:	1061065
Operable Unit:	01
Material ID:	560908
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

UST:

Id/Status:	9-383511 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	9
Expiration Date:	N/A
UTM X:	184003.14870
UTM Y:	4753522.99555
Site Type:	Retail Gasoline Sales

Affiliation Records:

Site Id:	53484
Affiliation Type:	Facility Owner
Company Name:	PETROLEUM SALES & SERVICE
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	300 OHIO ST
Address2:	Not reported
City:	BUFFALO
State:	NY
Zip Code:	14204
Country Code:	001
Phone:	(716) 856-8675
EMail:	Not reported
Fax Number:	Not reported

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Modified By:	aeskalsk
Date Last Modified:	2008-11-05
Site Id:	53484
Affiliation Type:	Mail Contact
Company Name:	PETROLEUM SALES & SERVICE
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	300 OHIO ST
Address2:	Not reported
City:	BUFFALO
State:	NY
Zip Code:	14204
Country Code:	001
Phone:	(716) 856-8675
EMail:	Not reported
Fax Number:	Not reported
Modified By:	aeskalsk
Date Last Modified:	2008-11-05
Site Id:	53484
Affiliation Type:	Facility Operator
Company Name:	SAMS TRUCK STOP #110
Contact Type:	Not reported
Contact Name:	PETROLEUM SALES & SERVICE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(716) 856-8689
EMail:	Not reported
Fax Number:	Not reported
Modified By:	aeskalsk
Date Last Modified:	2008-11-05
Site Id:	53484
Affiliation Type:	Emergency Contact
Company Name:	PETROLEUM SALES & SERVICE
Contact Type:	Not reported
Contact Name:	PETROLEUM SALES & SERVICE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(716) 856-8689
EMail:	Not reported
Fax Number:	Not reported
Modified By:	aeskalsk
Date Last Modified:	2008-11-05

Tank Info:

Tank Number:	1

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Tank ID:	165306
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	10000
Install Date:	06/01/1981
Date Tank Closed:	08/15/2014
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	21
Date Test:	12/05/2001
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	AESKALSK
Last Modified:	04/14/2017

Equipment Records:

B08 - Tank External Protection - Retrofitted Impressed Current
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well
J01 - Dispenser - Pressurized Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I03 - Overfill - Automatic Shut-Off

Tank Number:	10
Tank ID:	165315
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	6000
Install Date:	12/01/1977
Date Tank Closed:	08/15/2014
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	21
Date Test:	12/05/2001
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	AESKALSK
Last Modified:	04/14/2017

Equipment Records:

D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
K01 - Spill Prevention - Catch Basin

SAM'S TRUCK STOP #110 (Continued) **U003317438**

L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I03 - Overfill - Automatic Shut-Off
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B08 - Tank External Protection - Retrofitted Impressed Current

Tank Number:	11
Tank ID:	165316
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	12000
Install Date:	08/01/1979
Date Tank Closed:	04/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	03
Date Test:	01/01/1992
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
I00 - Overfill - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	12
Tank ID:	165317
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	20000
Install Date:	08/01/1979
Date Tank Closed:	08/14/2014
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	00
Date Test:	07/01/1987
Next Test Date:	Not reported

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Pipe Model: Not reported
Modified By: AESKALSK
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: 14
Tank ID: 261636
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 10000
Install Date: Not reported
Date Tank Closed: 08/14/2014
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: AESKALSK
Last Modified: 04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None

Tank Number: 15
Tank ID: 261637
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1000
Install Date: Not reported
Date Tank Closed: 08/14/2014
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: AESKALSK
Last Modified: 04/14/2017

Equipment Records:

J00 - Dispenser - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None

Tank Number: 16
Tank ID: 261638
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 600
Install Date: Not reported
Date Tank Closed: 08/14/2014
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: AESKALSK
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None

Tank Number: 17
Tank ID: 261639
Tank Status: Closed - Removed
Material Name: Closed - Removed

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Capacity Gallons: 600
Install Date: Not reported
Date Tank Closed: 08/14/2014
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: AESKALSK
Last Modified: 04/14/2017

Equipment Records:

K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
J00 - Dispenser - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping

Tank Number: 18
Tank ID: 261640
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1000
Install Date: Not reported
Date Tank Closed: 09/02/2014
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: AESKALSK
Last Modified: 04/14/2017

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
J00 - Dispenser - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Tank Number:	19
Tank ID:	261641
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	16000
Install Date:	Not reported
Date Tank Closed:	08/15/2014
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	AESKALSK
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None

Tank Number:	2
Tank ID:	165307
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	3000
Install Date:	06/01/1977
Date Tank Closed:	08/15/2014
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	21
Date Test:	12/05/2001
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	AESKALSK
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I03 - Overfill - Automatic Shut-Off
H00 - Tank Leak Detection - None
K01 - Spill Prevention - Catch Basin

SAM'S TRUCK STOP #110 (Continued) **U003317438**

L09 - Piping Leak Detection - Exempt Suction Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B08 - Tank External Protection - Retrofitted Impressed Current

Tank Number:	20
Tank ID:	261642
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	1000
Install Date:	Not reported
Date Tank Closed:	09/10/2014
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	AESKALSK
Last Modified:	04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number:	3
Tank ID:	165308
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	6000
Install Date:	06/01/1977
Date Tank Closed:	08/13/2014
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	21
Date Test:	12/05/2001
Next Test Date:	Not reported
Pipe Model:	Not reported

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Modified By: AESKALSK
Last Modified: 04/14/2017

Equipment Records:

D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I03 - Overfill - Automatic Shut-Off
H00 - Tank Leak Detection - None
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B08 - Tank External Protection - Retrofitted Impressed Current

Tank Number: 4
Tank ID: 165309
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 11000
Install Date: 12/01/1967
Date Tank Closed: 05/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 07/01/1987
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Number: 5
Tank ID: 165310
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: 12/01/1954
Date Tank Closed: 05/01/1993
Registered: True

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 03
Date Test: 01/01/1992
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 6
Tank ID: 165311
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 11000
Install Date: 12/01/1967
Date Tank Closed: 08/13/2014
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21
Date Test: 12/05/2001
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: AESKALSK
Last Modified: 04/14/2017

Equipment Records:

L07 - Piping Leak Detection - Pressurized Piping Leak Detector
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
K01 - Spill Prevention - Catch Basin
B08 - Tank External Protection - Retrofitted Impressed Current
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I03 - Overfill - Automatic Shut-Off

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Tank Number: 7
Tank ID: 165312
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 20000
Install Date: Not reported
Date Tank Closed: 09/17/2014
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 03
Date Test: 02/01/1992
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: AESKALSK
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Number: 8
Tank ID: 165313
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 10000
Install Date: 08/01/1979
Date Tank Closed: 08/15/2014
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21
Date Test: 12/05/2001
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: AESKALSK
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

SAM'S TRUCK STOP #110 (Continued) **U003317438**

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I03 - Overfill - Automatic Shut-Off
B08 - Tank External Protection - Retrofitted Impressed Current

Tank Number: 9
Tank ID: 165314
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 10000
Install Date: 08/01/1979
Date Tank Closed: 08/15/2014
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21
Date Test: 12/05/2001
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: AESKALSK
Last Modified: 04/14/2017

Equipment Records:

I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
K01 - Spill Prevention - Catch Basin
F00 - Pipe External Protection - None
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
B08 - Tank External Protection - Retrofitted Impressed Current

AST:
Region: STATE
DEC Region: 9
Site Status: Unregulated/Closed
Facility Id: 9-383511
Program Type: PBS
UTM X: 184003.14870
UTM Y: 4753522.99555
Expiration Date: N/A
Site Type: Retail Gasoline Sales

Affiliation Records:
Site Id: 53484
Affiliation Type: Facility Owner
Company Name: PETROLEUM SALES & SERVICE

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Contact Type:	Not reported
Contact Name:	Not reported
Address1:	300 OHIO ST
Address2:	Not reported
City:	BUFFALO
State:	NY
Zip Code:	14204
Country Code:	001
Phone:	(716) 856-8675
EMail:	Not reported
Fax Number:	Not reported
Modified By:	aeskalsk
Date Last Modified:	2008-11-05

Site Id:	53484
Affiliation Type:	Mail Contact
Company Name:	PETROLEUM SALES & SERVICE
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	300 OHIO ST
Address2:	Not reported
City:	BUFFALO
State:	NY
Zip Code:	14204
Country Code:	001
Phone:	(716) 856-8675
EMail:	Not reported
Fax Number:	Not reported
Modified By:	aeskalsk
Date Last Modified:	2008-11-05

Site Id:	53484
Affiliation Type:	Facility Operator
Company Name:	SAMS TRUCK STOP #110
Contact Type:	Not reported
Contact Name:	PETROLEUM SALES & SERVICE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(716) 856-8689
EMail:	Not reported
Fax Number:	Not reported
Modified By:	aeskalsk
Date Last Modified:	2008-11-05

Site Id:	53484
Affiliation Type:	Emergency Contact
Company Name:	PETROLEUM SALES & SERVICE
Contact Type:	Not reported
Contact Name:	PETROLEUM SALES & SERVICE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Zip Code:	Not reported
Country Code:	999
Phone:	(716) 856-8689
EMail:	Not reported
Fax Number:	Not reported
Modified By:	aeskalsk
Date Last Modified:	2008-11-05

Tank Info:

Tank Number:	13
Tank Id:	171744
Material Code:	2722
Common Name of Substance:	Kerosene [#1 Fuel Oil] (Resale/Redistribute)

Equipment Records:

	H00 - Tank Leak Detection - None
	A00 - Tank Internal Protection - None
	B01 - Tank External Protection - Painted/Asphalt Coating
	J02 - Dispenser - Suction Dispenser
	C02 - Pipe Location - Underground/On-ground
	D02 - Pipe Type - Galvanized Steel
	F00 - Pipe External Protection - None
	I04 - Overfill - Product Level Gauge (A/G)
	G01 - Tank Secondary Containment - Diking (Aboveground)
Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	11/01/1994
Capacity Gallons:	1000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	09/05/2003
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	kerosene [#1 fuel oil] (resale/redistribute)

ENG CONTROLS:

Site Code:	451883
HW Code:	C915257
Control Code:	15
Control Type:	ENG
Date Record Added:	12/13/2017
Date Rec Updated:	01/02/2018
Updated By:	MJRYAN
Site Description:	Location: The 300 Ohio Street site is located in an urban/industrial area and consists of eleven (11) adjoining tax parcels, totaling 4.825 acres in size, at the corner of Ohio Street and Chicago Street in the City of Buffalo. The Buffalo River is to the west across Chicago Street, and the City of Buffalo Conway Park is to the east. Site Features: The main site features include an inactive truck terminal, restaurant/office building, five pump islands with product dispensers, and three (3) abandoned buildings. A majority of the site

SAM'S TRUCK STOP #110 (Continued) **U003317438**

	is paved. Grass covered areas are present in the northwest quadrant of the site. Current Zoning and Land Use: The site is currently inactive, and is zoned for commercial use. The surrounding parcels are currently used for a combination of commercial, industrial, residential, railroad right-of-way, vacant parcels, and parkland. The nearest residential development is less than 0.2 miles to the east and southwest and less than 0.4 miles to the north. Past Use of the Site: Until the late 1990s a portion of the site were used as an auto/truck gas and service station, dating back to 1925. The two buildings on the northern portion of the site along Chicago and Mackinaw Street (E&B Machinery and Central Manufacturing) operated as a machine shop, trucking terminal and coffin and cooperage manufacturing operations. Prior uses that appear to have led to site contamination are associated with the gas and service station operations, including the use of up to fifteen (15) underground storage tanks (USTs), one above ground storage tank (AST), and the use of solvents and oils during auto/truck repair activities. A 2010 Limited Phase II Site Assessment revealed evidence of significant subsurface petroleum contamination related to the former operation of a petroleum filling station and fuel distribution operation. Multiple NYSDEC Spill files have been associated with the site. Municipal records indicate UST replacements due to leaking tanks. Petroleum Bulk Storage (PBS) records indicate that two 20,000 gallon No. 2 fuel oil USTs were closed in place on-site. In November 2011 the site entered the Brownfield Cleanup Program and a remedial investigation commenced. Site Geology and Hydrogeology: The site is overlain by 8 feet of fill (sand, gravel, asphalt, brick), underlain by silty sandy clay grading into a brown silty clay unit. Shallow groundwater is at 4-6 feet below ground surface (fbgs) and flows west towards the Buffalo River. A site location map is attached as Figure 1.
Env Problem:	Remediation at the site is complete. Prior to remediation, the primary contaminant of concern were arsenic, cadmium, lead, several polycyclic aromatic hydrocarbons (PAHs) and grossly contaminated media (GCM). Remedial actions have successfully achieved soil cleanup objectives for commercial use. Residual contamination in the soil is being managed under a Site Management Plan.
Health Problem:	This Health Assessment is presently being updated and will be posted upon receipt from the NYSDOH.
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	7/19/2011 2:12:00 PM
Record Upd:	3/14/2014 12:02:00 PM
Updated By:	ALLOPES
Own Op:	Applicant/Requestor
Sub Type:	P03
Owner Name:	William Paladino
Owner Company:	Cooperage, LLC
Owner Address:	295 Main Street, Suite 210
Owner Addr2:	Not reported

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
Own Op:	Owner
Sub Type:	E
Owner Name:	William Palidino
Owner Company:	Cooperage, LLC
Owner Address:	295 Main Street, Suite 210
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mary Jean Jakubowski
Owner Company:	Buffalo and Erie County Public Library
Owner Address:	1 Lafayette Square
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Anthony Lopes, P.E.
Owner Company:	NYSDEC
Owner Address:	270 Michigan Ave
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
Own Op:	Owner
Sub Type:	P03
Owner Name:	William Paladino
Owner Company:	4216 Group, LLC
Owner Address:	295 Main Street Suite 210
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
HW Code:	C915257
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915257
Waste Type:	CADMIUM
Waste Quantity:	15.00
Waste Code:	Not reported
HW Code:	C915257
Waste Type:	PYRENE
Waste Quantity:	2200.00
Waste Code:	Not reported
HW Code:	C915257
Waste Type:	BENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915257
Waste Type:	LEAD
Waste Quantity:	11000.00
Waste Code:	Not reported
HW Code:	C915257
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	290.00

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Waste Code:	Not reported
HW Code:	C915257
Waste Type:	Chrysene
Waste Quantity:	1300.00
Waste Code:	Not reported
HW Code:	C915257
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	1800.00
Waste Code:	Not reported
HW Code:	C915257
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C915257
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	12/13/2017 4:31:00 PM
Record Updated:	12/13/2017 4:37:00 PM
Updated By:	ALLOPES
Crossref ID:	C915257-09-11
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	12/13/2017 4:31:00 PM
Record Updated:	12/13/2017 4:38:00 PM
Updated By:	ALLOPES
Crossref ID:	BK/PG D 11282/2680
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	12/13/2017 4:44:00 PM
Record Updated:	12/13/2017 4:44:00 PM
Updated By:	ALLOPES
Crossref ID:	2015139962
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	12/13/2017 4:47:00 PM
Record Updated:	12/13/2017 4:47:00 PM
Updated By:	ALLOPES
Crossref ID:	07/15/2015
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	12/13/2017 4:48:00 PM
Record Updated:	12/13/2017 4:48:00 PM
Updated By:	ALLOPES
Crossref ID:	9110763
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	7/20/2011 2:13:00 PM
Record Updated:	7/20/2011 2:13:00 PM
Updated By:	BRWOLOSE
Crossref ID:	9805444
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	7/20/2011 2:15:00 PM
Record Updated:	7/20/2011 2:15:00 PM
Updated By:	BRWOLOSE
Crossref ID:	8804555
Cross Ref Type Code:	01

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Cross Ref Type:	Spill No.
Record Added Date:	7/20/2011 2:11:00 PM
Record Updated:	7/20/2011 2:11:00 PM
Updated By:	BRWOLOSE
Crossref ID:	9104400
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	7/20/2011 2:13:00 PM
Record Updated:	7/20/2011 2:13:00 PM
Updated By:	BRWOLOSE
Crossref ID:	0904777
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	7/20/2011 2:16:00 PM
Record Updated:	7/20/2011 2:16:00 PM
Updated By:	BRWOLOSE
Crossref ID:	9302840
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	7/20/2011 2:14:00 PM
Record Updated:	7/20/2011 2:14:00 PM
Updated By:	BRWOLOSE
Crossref ID:	9610492
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	7/20/2011 2:14:00 PM
Record Updated:	7/20/2011 2:14:00 PM
Updated By:	BRWOLOSE
Crossref ID:	0911296
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	7/20/2011 2:16:00 PM
Record Updated:	7/20/2011 2:16:00 PM
Updated By:	BRWOLOSE
Crossref ID:	9709878
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	7/20/2011 2:15:00 PM
Record Updated:	7/20/2011 2:15:00 PM
Updated By:	BRWOLOSE
Crossref ID:	9800568
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	7/20/2011 2:15:00 PM
Record Updated:	7/20/2011 2:15:00 PM
Updated By:	BRWOLOSE
Crossref ID:	9510010
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	7/20/2011 2:14:00 PM
Record Updated:	7/20/2011 2:14:00 PM
Updated By:	BRWOLOSE
Crossref ID:	9302663
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	7/20/2011 2:13:00 PM
Record Updated:	7/20/2011 2:13:00 PM

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Updated By: BRWOLOSE
Crossref ID: 9009917
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:11:00 PM
Record Updated: 7/20/2011 2:11:00 PM
Updated By: BRWOLOSE
Crossref ID: 9-383511
Cross Ref Type Code: 18
Cross Ref Type: PBS No.
Record Added Date: 7/20/2011 2:09:00 PM
Record Updated: 7/20/2011 2:09:00 PM
Updated By: BRWOLOSE

INST CONTROL:
Site Code: 451883
Control Name: Soil Management Plan
HW Code: C915257
Control Code: 14
Control Type: INST
Dt record added: 12/13/2017
Dt rec updated: 01/02/2018
Updated By: MJRYAN
Site Code: 451883
Site Description: Location: The 300 Ohio Street site is located in an urban/industrial area and consists of eleven (11) adjoining tax parcels, totaling 4.825 acres in size, at the corner of Ohio Street and Chicago Street in the City of Buffalo. The Buffalo River is to the west across Chicago Street, and the City of Buffalo Conway Park is to the east. Site Features: The main site features include an inactive truck terminal, restaurant/office building, five pump islands with product dispensers, and three (3) abandoned buildings. A majority of the site is paved. Grass covered areas are present in the northwest quadrant of the site. Current Zoning and Land Use: The site is currently inactive, and is zoned for commercial use. The surrounding parcels are currently used for a combination of commercial, industrial, residential, railroad right-of-way, vacant parcels, and parkland. The nearest residential development is less than 0.2 miles to the east and southwest and less than 0.4 miles to the north. Past Use of the Site: Until the late 1990s a portion of the site were used as an auto/truck gas and service station, dating back to 1925. The two buildings on the northern portion of the site along Chicago and Mackinaw Street (E&B Machinery and Central Manufacturing) operated as a machine shop, trucking terminal and coffin and cooperage manufacturing operations. Prior uses that appear to have led to site contamination are associated with the gas and service station operations, including the use of up to fifteen (15) underground storage tanks (USTs), one above ground storage tank (AST), and the use of solvents and oils during auto/truck repair activities. A 2010 Limited Phase II Site Assessment revealed evidence of significant subsurface petroleum contamination related to the former operation of a petroleum filling station and fuel distribution operation. Multiple NYSDEC Spill files have been associated with the site. Municipal records indicate UST replacements due to leaking tanks. Petroleum Bulk Storage (PBS) records indicate that two 20,000 gallon No. 2 fuel oil USTs were closed in place on-site. In November 2011 the site entered the Brownfield Cleanup Program and a remedial

SAM'S TRUCK STOP #110 (Continued) **U003317438**

investigation commenced. Site Geology and Hydrogeology: The site is overlain by 8 feet of fill (sand, gravel, asphalt, brick), underlain by silty sandy clay grading into a brown silty clay unit. Shallow groundwater is at 4-6 feet below ground surface (fbgs) and flows west towards the Buffalo River. A site location map is attached as Figure 1.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminant of concern were arsenic, cadmium, lead, several polycyclic aromatic hydrocarbons (PAHs) and grossly contaminated media (GCM). Remedial actions have successfully achieved soil cleanup objectives for commercial use. Residual contamination in the soil is being managed under a Site Management Plan.

Health Problem: This Health Assessment is presently being updated and will be posted upon receipt from the NYSDOH.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 7/19/2011 2:12:00 PM
Record Upd: 3/14/2014 12:02:00 PM
Updated By: ALLOPES
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: William Paladino
Owner Company: Cooperage, LLC
Owner Address: 295 Main Street, Suite 210
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Owner
Sub Type: E
Owner Name: William Palidino
Owner Company: Cooperage, LLC
Owner Address: 295 Main Street, Suite 210
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Mary Jean Jakubowski
Owner Company: Buffalo and Erie County Public Library
Owner Address: 1 Lafayette Square
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Anthony Lopes, P.E.
Owner Company: NYSDEC
Owner Address: 270 Michigan Ave
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: William Paladino
Owner Company: 4216 Group, LLC
Owner Address: 295 Main Street Suite 210
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
HW Code: C915257
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915257
Waste Type: CADMIUM
Waste Quantity: 15.00
Waste Code: Not reported
HW Code: C915257
Waste Type: PYRENE
Waste Quantity: 2200.00
Waste Code: Not reported
HW Code: C915257
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915257
Waste Type: LEAD
Waste Quantity: 11000.00
Waste Code: Not reported
HW Code: C915257
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: 290.00
Waste Code: Not reported
HW Code: C915257
Waste Type: Chrysene
Waste Quantity: 1300.00
Waste Code: Not reported
HW Code: C915257
Waste Type: BENZO(A)PYRENE
Waste Quantity: 1800.00
Waste Code: Not reported
HW Code: C915257
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C915257
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 12/13/2017 4:31:00 PM
Record Updated: 12/13/2017 4:37:00 PM
Updated By: ALLOPES
Crossref ID: C915257-09-11
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 12/13/2017 4:31:00 PM
Record Updated: 12/13/2017 4:38:00 PM
Updated By: ALLOPES

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Crossref ID: BK/PG D 11282/2680
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 12/13/2017 4:44:00 PM
Record Updated: 12/13/2017 4:44:00 PM
Updated By: ALLOPES
Crossref ID: 2015139962
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 12/13/2017 4:47:00 PM
Record Updated: 12/13/2017 4:47:00 PM
Updated By: ALLOPES
Crossref ID: 07/15/2015
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 12/13/2017 4:48:00 PM
Record Updated: 12/13/2017 4:48:00 PM
Updated By: ALLOPES
Crossref ID: 9110763
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:13:00 PM
Record Updated: 7/20/2011 2:13:00 PM
Updated By: BRWOLOSE
Crossref ID: 9805444
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:15:00 PM
Record Updated: 7/20/2011 2:15:00 PM
Updated By: BRWOLOSE
Crossref ID: 8804555
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:11:00 PM
Record Updated: 7/20/2011 2:11:00 PM
Updated By: BRWOLOSE
Crossref ID: 9104400
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:13:00 PM
Record Updated: 7/20/2011 2:13:00 PM
Updated By: BRWOLOSE
Crossref ID: 0904777
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:16:00 PM
Record Updated: 7/20/2011 2:16:00 PM
Updated By: BRWOLOSE
Crossref ID: 9302840
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:14:00 PM
Record Updated: 7/20/2011 2:14:00 PM
Updated By: BRWOLOSE
Crossref ID: 9610492
Cross Ref Type Code: 01
Cross Ref Type: Spill No.

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Record Added Date: 7/20/2011 2:14:00 PM
Record Updated: 7/20/2011 2:14:00 PM
Updated By: BRWOLOSE
Crossref ID: 0911296
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:16:00 PM
Record Updated: 7/20/2011 2:16:00 PM
Updated By: BRWOLOSE
Crossref ID: 9709878
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:15:00 PM
Record Updated: 7/20/2011 2:15:00 PM
Updated By: BRWOLOSE
Crossref ID: 9800568
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:15:00 PM
Record Updated: 7/20/2011 2:15:00 PM
Updated By: BRWOLOSE
Crossref ID: 9510010
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:14:00 PM
Record Updated: 7/20/2011 2:14:00 PM
Updated By: BRWOLOSE
Crossref ID: 9302663
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:13:00 PM
Record Updated: 7/20/2011 2:13:00 PM
Updated By: BRWOLOSE
Crossref ID: 9009917
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:11:00 PM
Record Updated: 7/20/2011 2:11:00 PM
Updated By: BRWOLOSE
Crossref ID: 9-383511
Cross Ref Type Code: 18
Cross Ref Type: PBS No.
Record Added Date: 7/20/2011 2:09:00 PM
Record Updated: 7/20/2011 2:09:00 PM
Updated By: BRWOLOSE

Site Code: 451883
Control Name: Environmental Easement
HW Code: C915257
Control Code: J
Control Type: INST
Dt record added: 12/13/2017
Dt rec updated: 01/02/2018
Updated By: MJRYAN
Site Code: 451883
Site Description: Location: The 300 Ohio Street site is located in an urban/industrial area and consists of eleven (11) adjoining tax parcels, totaling

SAM'S TRUCK STOP #110 (Continued) **U003317438**

4.825 acres in size, at the corner of Ohio Street and Chicago Street in the City of Buffalo. The Buffalo River is to the west across Chicago Street, and the City of Buffalo Conway Park is to the east. Site Features: The main site features include an inactive truck terminal, restaurant/office building, five pump islands with product dispensers, and three (3) abandoned buildings. A majority of the site is paved. Grass covered areas are present in the northwest quadrant of the site. Current Zoning and Land Use: The site is currently inactive, and is zoned for commercial use. The surrounding parcels are currently used for a combination of commercial, industrial, residential, railroad right-of-way, vacant parcels, and parkland. The nearest residential development is less than 0.2 miles to the east and southwest and less than 0.4 miles to the north. Past Use of the Site: Until the late 1990s a portion of the site were used as an auto/truck gas and service station, dating back to 1925. The two buildings on the northern portion of the site along Chicago and Mackinaw Street (E&B Machinery and Central Manufacturing) operated as a machine shop, trucking terminal and coffin and cooperage manufacturing operations. Prior uses that appear to have led to site contamination are associated with the gas and service station operations, including the use of up to fifteen (15) underground storage tanks (USTs), one above ground storage tank (AST), and the use of solvents and oils during auto/truck repair activities. A 2010 Limited Phase II Site Assessment revealed evidence of significant subsurface petroleum contamination related to the former operation of a petroleum filling station and fuel distribution operation. Multiple NYSDEC Spill files have been associated with the site. Municipal records indicate UST replacements due to leaking tanks. Petroleum Bulk Storage (PBS) records indicate that two 20,000 gallon No. 2 fuel oil USTs were closed in place on-site. In November 2011 the site entered the Brownfield Cleanup Program and a remedial investigation commenced. Site Geology and Hydrogeology: The site is overlain by 8 feet of fill (sand, gravel, asphalt, brick), underlain by silty sandy clay grading into a brown silty clay unit. Shallow groundwater is at 4-6 feet below ground surface (fbgs) and flows west towards the Buffalo River. A site location map is attached as Figure 1.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminant of concern were arsenic, cadmium, lead, several polycyclic aromatic hydrocarbons (PAHs) and grossly contaminated media (GCM). Remedial actions have successfully achieved soil cleanup objectives for commercial use. Residual contamination in the soil is being managed under a Site Management Plan.

Health Problem: This Health Assessment is presently being updated and will be posted upon receipt from the NYSDOH.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 7/19/2011 2:12:00 PM
Record Upd: 3/14/2014 12:02:00 PM
Updated By: ALLOPES

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: William Paladino
Owner Company: Cooperage, LLC
Owner Address: 295 Main Street, Suite 210
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Owner
Sub Type: E
Owner Name: William Palidino
Owner Company: Cooperage, LLC
Owner Address: 295 Main Street, Suite 210
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Mary Jean Jakubowski
Owner Company: Buffalo and Erie County Public Library
Owner Address: 1 Lafayette Square
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Anthony Lopes, P.E.
Owner Company: NYSDEC
Owner Address: 270 Michigan Ave
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: William Paladino
Owner Company: 4216 Group, LLC
Owner Address: 295 Main Street Suite 210
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
HW Code: C915257
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915257
Waste Type: CADMIUM
Waste Quantity: 15.00
Waste Code: Not reported
HW Code: C915257
Waste Type: PYRENE
Waste Quantity: 2200.00
Waste Code: Not reported
HW Code: C915257
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915257

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Waste Type: LEAD
Waste Quantity: 11000.00
Waste Code: Not reported
HW Code: C915257
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: 290.00
Waste Code: Not reported
HW Code: C915257
Waste Type: Chrysene
Waste Quantity: 1300.00
Waste Code: Not reported
HW Code: C915257
Waste Type: BENZO(A)PYRENE
Waste Quantity: 1800.00
Waste Code: Not reported
HW Code: C915257
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C915257
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 12/13/2017 4:31:00 PM
Record Updated: 12/13/2017 4:37:00 PM
Updated By: ALLOPES
Crossref ID: C915257-09-11
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 12/13/2017 4:31:00 PM
Record Updated: 12/13/2017 4:38:00 PM
Updated By: ALLOPES
Crossref ID: BK/PG D 11282/2680
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 12/13/2017 4:44:00 PM
Record Updated: 12/13/2017 4:44:00 PM
Updated By: ALLOPES
Crossref ID: 2015139962
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 12/13/2017 4:47:00 PM
Record Updated: 12/13/2017 4:47:00 PM
Updated By: ALLOPES
Crossref ID: 07/15/2015
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 12/13/2017 4:48:00 PM
Record Updated: 12/13/2017 4:48:00 PM
Updated By: ALLOPES
Crossref ID: 9110763
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:13:00 PM
Record Updated: 7/20/2011 2:13:00 PM
Updated By: BRWOLOSE
Crossref ID: 9805444
Cross Ref Type Code: 01

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:15:00 PM
Record Updated: 7/20/2011 2:15:00 PM
Updated By: BRWOLOSE
Crossref ID: 8804555
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:11:00 PM
Record Updated: 7/20/2011 2:11:00 PM
Updated By: BRWOLOSE
Crossref ID: 9104400
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:13:00 PM
Record Updated: 7/20/2011 2:13:00 PM
Updated By: BRWOLOSE
Crossref ID: 0904777
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:16:00 PM
Record Updated: 7/20/2011 2:16:00 PM
Updated By: BRWOLOSE
Crossref ID: 9302840
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:14:00 PM
Record Updated: 7/20/2011 2:14:00 PM
Updated By: BRWOLOSE
Crossref ID: 9610492
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:14:00 PM
Record Updated: 7/20/2011 2:14:00 PM
Updated By: BRWOLOSE
Crossref ID: 0911296
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:16:00 PM
Record Updated: 7/20/2011 2:16:00 PM
Updated By: BRWOLOSE
Crossref ID: 9709878
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:15:00 PM
Record Updated: 7/20/2011 2:15:00 PM
Updated By: BRWOLOSE
Crossref ID: 9800568
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:15:00 PM
Record Updated: 7/20/2011 2:15:00 PM
Updated By: BRWOLOSE
Crossref ID: 9510010
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:14:00 PM
Record Updated: 7/20/2011 2:14:00 PM

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Updated By: BRWOLOSE
Crossref ID: 9302663
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:13:00 PM
Record Updated: 7/20/2011 2:13:00 PM
Updated By: BRWOLOSE
Crossref ID: 9009917
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:11:00 PM
Record Updated: 7/20/2011 2:11:00 PM
Updated By: BRWOLOSE
Crossref ID: 9-383511
Cross Ref Type Code: 18
Cross Ref Type: PBS No.
Record Added Date: 7/20/2011 2:09:00 PM
Record Updated: 7/20/2011 2:09:00 PM
Updated By: BRWOLOSE

Site Code: 451883
Control Name: Landuse Restriction
HW Code: C915257
Control Code: 25
Control Type: INST
Dt record added: 12/13/2017
Dt rec updated: 01/02/2018
Updated By: MJRYAN
Site Code: 451883
Site Description: Location: The 300 Ohio Street site is located in an urban/industrial area and consists of eleven (11) adjoining tax parcels, totaling 4.825 acres in size, at the corner of Ohio Street and Chicago Street in the City of Buffalo. The Buffalo River is to the west across Chicago Street, and the City of Buffalo Conway Park is to the east. Site Features: The main site features include an inactive truck terminal, restaurant/office building, five pump islands with product dispensers, and three (3) abandoned buildings. A majority of the site is paved. Grass covered areas are present in the northwest quadrant of the site. Current Zoning and Land Use: The site is currently inactive, and is zoned for commercial use. The surrounding parcels are currently used for a combination of commercial, industrial, residential, railroad right-of-way, vacant parcels, and parkland. The nearest residential development is less than 0.2 miles to the east and southwest and less than 0.4 miles to the north. Past Use of the Site: Until the late 1990s a portion of the site were used as an auto/truck gas and service station, dating back to 1925. The two buildings on the northern portion of the site along Chicago and Mackinaw Street (E&B Machinery and Central Manufacturing) operated as a machine shop, trucking terminal and coffin and cooperage manufacturing operations. Prior uses that appear to have led to site contamination are associated with the gas and service station operations, including the use of up to fifteen (15) underground storage tanks (USTs), one above ground storage tank (AST), and the use of solvents and oils during auto/truck repair activities. A 2010 Limited Phase II Site Assessment revealed evidence of significant subsurface petroleum contamination related to the former operation of a petroleum filling station and fuel distribution

SAM'S TRUCK STOP #110 (Continued) **U003317438**

operation. Multiple NYSDEC Spill files have been associated with the site. Municipal records indicate UST replacements due to leaking tanks. Petroleum Bulk Storage (PBS) records indicate that two 20,000 gallon No. 2 fuel oil USTs were closed in place on-site. In November 2011 the site entered the Brownfield Cleanup Program and a remedial investigation commenced. Site Geology and Hydrogeology: The site is overlain by 8 feet of fill (sand, gravel, asphalt, brick), underlain by silty sandy clay grading into a brown silty clay unit. Shallow groundwater is at 4-6 feet below ground surface (fbgs) and flows west towards the Buffalo River. A site location map is attached as Figure 1.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminant of concern were arsenic, cadmium, lead, several polycyclic aromatic hydrocarbons (PAHs) and grossly contaminated media (GCM). Remedial actions have successfully achieved soil cleanup objectives for commercial use. Residual contamination in the soil is being managed under a Site Management Plan.

Health Problem: This Health Assessment is presently being updated and will be posted upon receipt from the NYSDOH.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 7/19/2011 2:12:00 PM
Record Upd: 3/14/2014 12:02:00 PM
Updated By: ALLOPES
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: William Paladino
Owner Company: Cooperage, LLC
Owner Address: 295 Main Street, Suite 210
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Owner
Sub Type: E
Owner Name: William Palidino
Owner Company: Cooperage, LLC
Owner Address: 295 Main Street, Suite 210
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Mary Jean Jakubowski
Owner Company: Buffalo and Erie County Public Library
Owner Address: 1 Lafayette Square
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Owner Name: Anthony Lopes, P.E.
Owner Company: NYSDEC
Owner Address: 270 Michigan Ave
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: William Paladino
Owner Company: 4216 Group, LLC
Owner Address: 295 Main Street Suite 210
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
HW Code: C915257
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915257
Waste Type: CADMIUM
Waste Quantity: 15.00
Waste Code: Not reported
HW Code: C915257
Waste Type: PYRENE
Waste Quantity: 2200.00
Waste Code: Not reported
HW Code: C915257
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915257
Waste Type: LEAD
Waste Quantity: 11000.00
Waste Code: Not reported
HW Code: C915257
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: 290.00
Waste Code: Not reported
HW Code: C915257
Waste Type: Chrysene
Waste Quantity: 1300.00
Waste Code: Not reported
HW Code: C915257
Waste Type: BENZO(A)PYRENE
Waste Quantity: 1800.00
Waste Code: Not reported
HW Code: C915257
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C915257
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 12/13/2017 4:31:00 PM
Record Updated: 12/13/2017 4:37:00 PM
Updated By: ALLOPES
Crossref ID: C915257-09-11

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 12/13/2017 4:31:00 PM
Record Updated: 12/13/2017 4:38:00 PM
Updated By: ALLOPES
Crossref ID: BK/PG D 11282/2680
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 12/13/2017 4:44:00 PM
Record Updated: 12/13/2017 4:44:00 PM
Updated By: ALLOPES
Crossref ID: 2015139962
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 12/13/2017 4:47:00 PM
Record Updated: 12/13/2017 4:47:00 PM
Updated By: ALLOPES
Crossref ID: 07/15/2015
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 12/13/2017 4:48:00 PM
Record Updated: 12/13/2017 4:48:00 PM
Updated By: ALLOPES
Crossref ID: 9110763
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:13:00 PM
Record Updated: 7/20/2011 2:13:00 PM
Updated By: BRWOLOSE
Crossref ID: 9805444
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:15:00 PM
Record Updated: 7/20/2011 2:15:00 PM
Updated By: BRWOLOSE
Crossref ID: 8804555
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:11:00 PM
Record Updated: 7/20/2011 2:11:00 PM
Updated By: BRWOLOSE
Crossref ID: 9104400
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:13:00 PM
Record Updated: 7/20/2011 2:13:00 PM
Updated By: BRWOLOSE
Crossref ID: 0904777
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:16:00 PM
Record Updated: 7/20/2011 2:16:00 PM
Updated By: BRWOLOSE
Crossref ID: 9302840
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:14:00 PM

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Record Updated: 7/20/2011 2:14:00 PM
Updated By: BRWOLOSE
Crossref ID: 9610492
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:14:00 PM
Record Updated: 7/20/2011 2:14:00 PM
Updated By: BRWOLOSE
Crossref ID: 0911296
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:16:00 PM
Record Updated: 7/20/2011 2:16:00 PM
Updated By: BRWOLOSE
Crossref ID: 9709878
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:15:00 PM
Record Updated: 7/20/2011 2:15:00 PM
Updated By: BRWOLOSE
Crossref ID: 9800568
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:15:00 PM
Record Updated: 7/20/2011 2:15:00 PM
Updated By: BRWOLOSE
Crossref ID: 9510010
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:14:00 PM
Record Updated: 7/20/2011 2:14:00 PM
Updated By: BRWOLOSE
Crossref ID: 9302663
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:13:00 PM
Record Updated: 7/20/2011 2:13:00 PM
Updated By: BRWOLOSE
Crossref ID: 9009917
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:11:00 PM
Record Updated: 7/20/2011 2:11:00 PM
Updated By: BRWOLOSE
Crossref ID: 9-383511
Cross Ref Type Code: 18
Cross Ref Type: PBS No.
Record Added Date: 7/20/2011 2:09:00 PM
Record Updated: 7/20/2011 2:09:00 PM
Updated By: BRWOLOSE

Site Code: 451883
Control Name: Ground Water Use Restriction
HW Code: C915257
Control Code: 08
Control Type: INST
Dt record added: 12/13/2017

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Dt rec updated: 01/02/2018
Updated By: MJRYAN
Site Code: 451883
Site Description: Location: The 300 Ohio Street site is located in an urban/industrial area and consists of eleven (11) adjoining tax parcels, totaling 4.825 acres in size, at the corner of Ohio Street and Chicago Street in the City of Buffalo. The Buffalo River is to the west across Chicago Street, and the City of Buffalo Conway Park is to the east. Site Features: The main site features include an inactive truck terminal, restaurant/office building, five pump islands with product dispensers, and three (3) abandoned buildings. A majority of the site is paved. Grass covered areas are present in the northwest quadrant of the site. Current Zoning and Land Use: The site is currently inactive, and is zoned for commercial use. The surrounding parcels are currently used for a combination of commercial, industrial, residential, railroad right-of-way, vacant parcels, and parkland. The nearest residential development is less than 0.2 miles to the east and southwest and less than 0.4 miles to the north. Past Use of the Site: Until the late 1990s a portion of the site were used as an auto/truck gas and service station, dating back to 1925. The two buildings on the northern portion of the site along Chicago and Mackinaw Street (E&B Machinery and Central Manufacturing) operated as a machine shop, trucking terminal and coffin and cooperage manufacturing operations. Prior uses that appear to have led to site contamination are associated with the gas and service station operations, including the use of up to fifteen (15) underground storage tanks (USTs), one above ground storage tank (AST), and the use of solvents and oils during auto/truck repair activities. A 2010 Limited Phase II Site Assessment revealed evidence of significant subsurface petroleum contamination related to the former operation of a petroleum filling station and fuel distribution operation. Multiple NYSDEC Spill files have been associated with the site. Municipal records indicate UST replacements due to leaking tanks. Petroleum Bulk Storage (PBS) records indicate that two 20,000 gallon No. 2 fuel oil USTs were closed in place on-site. In November 2011 the site entered the Brownfield Cleanup Program and a remedial investigation commenced. Site Geology and Hydrogeology: The site is overlain by 8 feet of fill (sand, gravel, asphalt, brick), underlain by silty sandy clay grading into a brown silty clay unit. Shallow groundwater is at 4-6 feet below ground surface (fbgs) and flows west towards the Buffalo River. A site location map is attached as Figure 1.
Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminant of concern were arsenic, cadmium, lead, several polycyclic aromatic hydrocarbons (PAHs) and grossly contaminated media (GCM). Remedial actions have successfully achieved soil cleanup objectives for commercial use. Residual contamination in the soil is being managed under a Site Management Plan.
Health Problem: This Health Assessment is presently being updated and will be posted upon receipt from the NYSDOH.
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Lat/Long: Not reported
Dell: Not reported
Record Add: 7/19/2011 2:12:00 PM
Record Upd: 3/14/2014 12:02:00 PM
Updated By: ALLOPES
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: William Paladino
Owner Company: Cooperage, LLC
Owner Address: 295 Main Street, Suite 210
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Owner
Sub Type: E
Owner Name: William Palidino
Owner Company: Cooperage, LLC
Owner Address: 295 Main Street, Suite 210
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Mary Jean Jakubowski
Owner Company: Buffalo and Erie County Public Library
Owner Address: 1 Lafayette Square
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Anthony Lopes, P.E.
Owner Company: NYSDEC
Owner Address: 270 Michigan Ave
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: William Paladino
Owner Company: 4216 Group, LLC
Owner Address: 295 Main Street Suite 210
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
HW Code: C915257
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915257
Waste Type: CADMIUM
Waste Quantity: 15.00
Waste Code: Not reported
HW Code: C915257
Waste Type: PYRENE
Waste Quantity: 2200.00
Waste Code: Not reported

SAM'S TRUCK STOP #110 (Continued) **U003317438**

HW Code: C915257
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915257
Waste Type: LEAD
Waste Quantity: 11000.00
Waste Code: Not reported
HW Code: C915257
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: 290.00
Waste Code: Not reported
HW Code: C915257
Waste Type: Chrysene
Waste Quantity: 1300.00
Waste Code: Not reported
HW Code: C915257
Waste Type: BENZO(A)PYRENE
Waste Quantity: 1800.00
Waste Code: Not reported
HW Code: C915257
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C915257
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 12/13/2017 4:31:00 PM
Record Updated: 12/13/2017 4:37:00 PM
Updated By: ALLOPES
Crossref ID: C915257-09-11
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 12/13/2017 4:31:00 PM
Record Updated: 12/13/2017 4:38:00 PM
Updated By: ALLOPES
Crossref ID: BK/PG D 11282/2680
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 12/13/2017 4:44:00 PM
Record Updated: 12/13/2017 4:44:00 PM
Updated By: ALLOPES
Crossref ID: 2015139962
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 12/13/2017 4:47:00 PM
Record Updated: 12/13/2017 4:47:00 PM
Updated By: ALLOPES
Crossref ID: 07/15/2015
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 12/13/2017 4:48:00 PM
Record Updated: 12/13/2017 4:48:00 PM
Updated By: ALLOPES
Crossref ID: 9110763
Cross Ref Type Code: 01
Cross Ref Type: Spill No.

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Record Added Date: 7/20/2011 2:13:00 PM
Record Updated: 7/20/2011 2:13:00 PM
Updated By: BRWOLOSE
Crossref ID: 9805444
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:15:00 PM
Record Updated: 7/20/2011 2:15:00 PM
Updated By: BRWOLOSE
Crossref ID: 8804555
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:11:00 PM
Record Updated: 7/20/2011 2:11:00 PM
Updated By: BRWOLOSE
Crossref ID: 9104400
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:13:00 PM
Record Updated: 7/20/2011 2:13:00 PM
Updated By: BRWOLOSE
Crossref ID: 0904777
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:16:00 PM
Record Updated: 7/20/2011 2:16:00 PM
Updated By: BRWOLOSE
Crossref ID: 9302840
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:14:00 PM
Record Updated: 7/20/2011 2:14:00 PM
Updated By: BRWOLOSE
Crossref ID: 9610492
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:14:00 PM
Record Updated: 7/20/2011 2:14:00 PM
Updated By: BRWOLOSE
Crossref ID: 0911296
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:16:00 PM
Record Updated: 7/20/2011 2:16:00 PM
Updated By: BRWOLOSE
Crossref ID: 9709878
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:15:00 PM
Record Updated: 7/20/2011 2:15:00 PM
Updated By: BRWOLOSE
Crossref ID: 9800568
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:15:00 PM
Record Updated: 7/20/2011 2:15:00 PM
Updated By: BRWOLOSE

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Crossref ID: 9510010
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:14:00 PM
Record Updated: 7/20/2011 2:14:00 PM
Updated By: BRWOLOSE
Crossref ID: 9302663
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:13:00 PM
Record Updated: 7/20/2011 2:13:00 PM
Updated By: BRWOLOSE
Crossref ID: 9009917
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:11:00 PM
Record Updated: 7/20/2011 2:11:00 PM
Updated By: BRWOLOSE
Crossref ID: 9-383511
Cross Ref Type Code: 18
Cross Ref Type: PBS No.
Record Added Date: 7/20/2011 2:09:00 PM
Record Updated: 7/20/2011 2:09:00 PM
Updated By: BRWOLOSE

Site Code: 451883
Control Name: IC/EC Plan
HW Code: C915257
Control Code: 34
Control Type: INST
Dt record added: 12/13/2017
Dt rec updated: 01/02/2018
Updated By: MJRYAN
Site Code: 451883
Site Description: Location: The 300 Ohio Street site is located in an urban/industrial area and consists of eleven (11) adjoining tax parcels, totaling 4.825 acres in size, at the corner of Ohio Street and Chicago Street in the City of Buffalo. The Buffalo River is to the west across Chicago Street, and the City of Buffalo Conway Park is to the east. Site Features: The main site features include an inactive truck terminal, restaurant/office building, five pump islands with product dispensers, and three (3) abandoned buildings. A majority of the site is paved. Grass covered areas are present in the northwest quadrant of the site. Current Zoning and Land Use: The site is currently inactive, and is zoned for commercial use. The surrounding parcels are currently used for a combination of commercial, industrial, residential, railroad right-of-way, vacant parcels, and parkland. The nearest residential development is less than 0.2 miles to the east and southwest and less than 0.4 miles to the north. Past Use of the Site: Until the late 1990s a portion of the site were used as an auto/truck gas and service station, dating back to 1925. The two buildings on the northern portion of the site along Chicago and Mackinaw Street (E&B Machinery and Central Manufacturing) operated as a machine shop, trucking terminal and coffin and cooperage manufacturing operations. Prior uses that appear to have led to site contamination are associated with the gas and service station operations, including the use of up to fifteen (15)

SAM'S TRUCK STOP #110 (Continued) **U003317438**

underground storage tanks (USTs), one above ground storage tank (AST), and the use of solvents and oils during auto/truck repair activities. A 2010 Limited Phase II Site Assessment revealed evidence of significant subsurface petroleum contamination related to the former operation of a petroleum filling station and fuel distribution operation. Multiple NYSDEC Spill files have been associated with the site. Municipal records indicate UST replacements due to leaking tanks. Petroleum Bulk Storage (PBS) records indicate that two 20,000 gallon No. 2 fuel oil USTs were closed in place on-site. In November 2011 the site entered the Brownfield Cleanup Program and a remedial investigation commenced. Site Geology and Hydrogeology: The site is overlain by 8 feet of fill (sand, gravel, asphalt, brick), underlain by silty sandy clay grading into a brown silty clay unit. Shallow groundwater is at 4-6 feet below ground surface (fbgs) and flows west towards the Buffalo River. A site location map is attached as Figure 1.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminant of concern were arsenic, cadmium, lead, several polycyclic aromatic hydrocarbons (PAHs) and grossly contaminated media (GCM). Remedial actions have successfully achieved soil cleanup objectives for commercial use. Residual contamination in the soil is being managed under a Site Management Plan.

Health Problem: This Health Assessment is presently being updated and will be posted upon receipt from the NYSDOH.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 7/19/2011 2:12:00 PM
Record Upd: 3/14/2014 12:02:00 PM
Updated By: ALLOPES
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: William Paladino
Owner Company: Cooperage, LLC
Owner Address: 295 Main Street, Suite 210
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Owner
Sub Type: E
Owner Name: William Palidino
Owner Company: Cooperage, LLC
Owner Address: 295 Main Street, Suite 210
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Mary Jean Jakubowski
Owner Company: Buffalo and Erie County Public Library
Owner Address: 1 Lafayette Square

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Anthony Lopes, P.E.
Owner Company: NYSDEC
Owner Address: 270 Michigan Ave
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: William Paladino
Owner Company: 4216 Group, LLC
Owner Address: 295 Main Street Suite 210
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
HW Code: C915257
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915257
Waste Type: CADMIUM
Waste Quantity: 15.00
Waste Code: Not reported
HW Code: C915257
Waste Type: PYRENE
Waste Quantity: 2200.00
Waste Code: Not reported
HW Code: C915257
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915257
Waste Type: LEAD
Waste Quantity: 11000.00
Waste Code: Not reported
HW Code: C915257
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: 290.00
Waste Code: Not reported
HW Code: C915257
Waste Type: Chrysene
Waste Quantity: 1300.00
Waste Code: Not reported
HW Code: C915257
Waste Type: BENZO(A)PYRENE
Waste Quantity: 1800.00
Waste Code: Not reported
HW Code: C915257
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C915257
Cross Ref Type Code: 22

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Cross Ref Type: BCP Site ID
Record Added Date: 12/13/2017 4:31:00 PM
Record Updated: 12/13/2017 4:37:00 PM
Updated By: ALLOPES
Crossref ID: C915257-09-11
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 12/13/2017 4:31:00 PM
Record Updated: 12/13/2017 4:38:00 PM
Updated By: ALLOPES
Crossref ID: BK/PG D 11282/2680
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 12/13/2017 4:44:00 PM
Record Updated: 12/13/2017 4:44:00 PM
Updated By: ALLOPES
Crossref ID: 2015139962
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 12/13/2017 4:47:00 PM
Record Updated: 12/13/2017 4:47:00 PM
Updated By: ALLOPES
Crossref ID: 07/15/2015
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 12/13/2017 4:48:00 PM
Record Updated: 12/13/2017 4:48:00 PM
Updated By: ALLOPES
Crossref ID: 9110763
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:13:00 PM
Record Updated: 7/20/2011 2:13:00 PM
Updated By: BRWOLOSE
Crossref ID: 9805444
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:15:00 PM
Record Updated: 7/20/2011 2:15:00 PM
Updated By: BRWOLOSE
Crossref ID: 8804555
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:11:00 PM
Record Updated: 7/20/2011 2:11:00 PM
Updated By: BRWOLOSE
Crossref ID: 9104400
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:13:00 PM
Record Updated: 7/20/2011 2:13:00 PM
Updated By: BRWOLOSE
Crossref ID: 0904777
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:16:00 PM
Record Updated: 7/20/2011 2:16:00 PM

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Updated By: BRWOLOSE
Crossref ID: 9302840
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:14:00 PM
Record Updated: 7/20/2011 2:14:00 PM
Updated By: BRWOLOSE
Crossref ID: 9610492
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:14:00 PM
Record Updated: 7/20/2011 2:14:00 PM
Updated By: BRWOLOSE
Crossref ID: 0911296
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:16:00 PM
Record Updated: 7/20/2011 2:16:00 PM
Updated By: BRWOLOSE
Crossref ID: 9709878
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:15:00 PM
Record Updated: 7/20/2011 2:15:00 PM
Updated By: BRWOLOSE
Crossref ID: 9800568
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:15:00 PM
Record Updated: 7/20/2011 2:15:00 PM
Updated By: BRWOLOSE
Crossref ID: 9510010
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:14:00 PM
Record Updated: 7/20/2011 2:14:00 PM
Updated By: BRWOLOSE
Crossref ID: 9302663
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:13:00 PM
Record Updated: 7/20/2011 2:13:00 PM
Updated By: BRWOLOSE
Crossref ID: 9009917
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:11:00 PM
Record Updated: 7/20/2011 2:11:00 PM
Updated By: BRWOLOSE
Crossref ID: 9-383511
Cross Ref Type Code: 18
Cross Ref Type: PBS No.
Record Added Date: 7/20/2011 2:09:00 PM
Record Updated: 7/20/2011 2:09:00 PM
Updated By: BRWOLOSE

Site Code: 451883

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Control Name: Building Use Restriction
HW Code: C915257
Control Code: 26
Control Type: INST
Dt record added: 12/13/2017
Dt rec updated: 01/02/2018
Updated By: MJRYAN
Site Code: 451883
Site Description: Location: The 300 Ohio Street site is located in an urban/industrial area and consists of eleven (11) adjoining tax parcels, totaling 4.825 acres in size, at the corner of Ohio Street and Chicago Street in the City of Buffalo. The Buffalo River is to the west across Chicago Street, and the City of Buffalo Conway Park is to the east. Site Features: The main site features include an inactive truck terminal, restaurant/office building, five pump islands with product dispensers, and three (3) abandoned buildings. A majority of the site is paved. Grass covered areas are present in the northwest quadrant of the site. Current Zoning and Land Use: The site is currently inactive, and is zoned for commercial use. The surrounding parcels are currently used for a combination of commercial, industrial, residential, railroad right-of-way, vacant parcels, and parkland. The nearest residential development is less than 0.2 miles to the east and southwest and less than 0.4 miles to the north. Past Use of the Site: Until the late 1990s a portion of the site were used as an auto/truck gas and service station, dating back to 1925. The two buildings on the northern portion of the site along Chicago and Mackinaw Street (E&B Machinery and Central Manufacturing) operated as a machine shop, trucking terminal and coffin and cooperage manufacturing operations. Prior uses that appear to have led to site contamination are associated with the gas and service station operations, including the use of up to fifteen (15) underground storage tanks (USTs), one above ground storage tank (AST), and the use of solvents and oils during auto/truck repair activities. A 2010 Limited Phase II Site Assessment revealed evidence of significant subsurface petroleum contamination related to the former operation of a petroleum filling station and fuel distribution operation. Multiple NYSDEC Spill files have been associated with the site. Municipal records indicate UST replacements due to leaking tanks. Petroleum Bulk Storage (PBS) records indicate that two 20,000 gallon No. 2 fuel oil USTs were closed in place on-site. In November 2011 the site entered the Brownfield Cleanup Program and a remedial investigation commenced. Site Geology and Hydrogeology: The site is overlain by 8 feet of fill (sand, gravel, asphalt, brick), underlain by silty sandy clay grading into a brown silty clay unit. Shallow groundwater is at 4-6 feet below ground surface (fbgs) and flows west towards the Buffalo River. A site location map is attached as Figure 1.
Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminant of concern were arsenic, cadmium, lead, several polycyclic aromatic hydrocarbons (PAHs) and grossly contaminated media (GCM). Remedial actions have successfully achieved soil cleanup objectives for commercial use. Residual contamination in the soil is being managed under a Site Management Plan.
Health Problem: This Health Assessment is presently being updated and will be posted upon receipt from the NYSDOH.
Dump: False
Structure: False

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 7/19/2011 2:12:00 PM
Record Upd: 3/14/2014 12:02:00 PM
Updated By: ALLOPES
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: William Paladino
Owner Company: Cooperage, LLC
Owner Address: 295 Main Street, Suite 210
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Owner
Sub Type: E
Owner Name: William Palidino
Owner Company: Cooperage, LLC
Owner Address: 295 Main Street, Suite 210
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Mary Jean Jakubowski
Owner Company: Buffalo and Erie County Public Library
Owner Address: 1 Lafayette Square
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Anthony Lopes, P.E.
Owner Company: NYSDEC
Owner Address: 270 Michigan Ave
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: William Paladino
Owner Company: 4216 Group, LLC
Owner Address: 295 Main Street Suite 210
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
HW Code: C915257
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915257
Waste Type: CADMIUM
Waste Quantity: 15.00

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Waste Code: Not reported
HW Code: C915257
Waste Type: PYRENE
Waste Quantity: 2200.00
Waste Code: Not reported
HW Code: C915257
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915257
Waste Type: LEAD
Waste Quantity: 11000.00
Waste Code: Not reported
HW Code: C915257
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: 290.00
Waste Code: Not reported
HW Code: C915257
Waste Type: Chrysene
Waste Quantity: 1300.00
Waste Code: Not reported
HW Code: C915257
Waste Type: BENZO(A)PYRENE
Waste Quantity: 1800.00
Waste Code: Not reported
HW Code: C915257
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C915257
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 12/13/2017 4:31:00 PM
Record Updated: 12/13/2017 4:37:00 PM
Updated By: ALLOPES
Crossref ID: C915257-09-11
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 12/13/2017 4:31:00 PM
Record Updated: 12/13/2017 4:38:00 PM
Updated By: ALLOPES
Crossref ID: BK/PG D 11282/2680
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 12/13/2017 4:44:00 PM
Record Updated: 12/13/2017 4:44:00 PM
Updated By: ALLOPES
Crossref ID: 2015139962
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 12/13/2017 4:47:00 PM
Record Updated: 12/13/2017 4:47:00 PM
Updated By: ALLOPES
Crossref ID: 07/15/2015
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 12/13/2017 4:48:00 PM

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Record Updated: 12/13/2017 4:48:00 PM
Updated By: ALLOPES
Crossref ID: 9110763
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:13:00 PM
Record Updated: 7/20/2011 2:13:00 PM
Updated By: BRWOLOSE
Crossref ID: 9805444
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:15:00 PM
Record Updated: 7/20/2011 2:15:00 PM
Updated By: BRWOLOSE
Crossref ID: 8804555
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:11:00 PM
Record Updated: 7/20/2011 2:11:00 PM
Updated By: BRWOLOSE
Crossref ID: 9104400
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:13:00 PM
Record Updated: 7/20/2011 2:13:00 PM
Updated By: BRWOLOSE
Crossref ID: 0904777
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:16:00 PM
Record Updated: 7/20/2011 2:16:00 PM
Updated By: BRWOLOSE
Crossref ID: 9302840
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:14:00 PM
Record Updated: 7/20/2011 2:14:00 PM
Updated By: BRWOLOSE
Crossref ID: 9610492
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:14:00 PM
Record Updated: 7/20/2011 2:14:00 PM
Updated By: BRWOLOSE
Crossref ID: 0911296
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:16:00 PM
Record Updated: 7/20/2011 2:16:00 PM
Updated By: BRWOLOSE
Crossref ID: 9709878
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:15:00 PM
Record Updated: 7/20/2011 2:15:00 PM
Updated By: BRWOLOSE
Crossref ID: 9800568

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:15:00 PM
Record Updated: 7/20/2011 2:15:00 PM
Updated By: BRWOLOSE
Crossref ID: 9510010
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:14:00 PM
Record Updated: 7/20/2011 2:14:00 PM
Updated By: BRWOLOSE
Crossref ID: 9302663
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:13:00 PM
Record Updated: 7/20/2011 2:13:00 PM
Updated By: BRWOLOSE
Crossref ID: 9009917
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:11:00 PM
Record Updated: 7/20/2011 2:11:00 PM
Updated By: BRWOLOSE
Crossref ID: 9-383511
Cross Ref Type Code: 18
Cross Ref Type: PBS No.
Record Added Date: 7/20/2011 2:09:00 PM
Record Updated: 7/20/2011 2:09:00 PM
Updated By: BRWOLOSE

Site Code: 451883
Control Name: Monitoring Plan
HW Code: C915257
Control Code: 31
Control Type: INST
Dt record added: 12/13/2017
Dt rec updated: 01/02/2018
Updated By: MJRYAN
Site Code: 451883
Site Description: Location: The 300 Ohio Street site is located in an urban/industrial area and consists of eleven (11) adjoining tax parcels, totaling 4.825 acres in size, at the corner of Ohio Street and Chicago Street in the City of Buffalo. The Buffalo River is to the west across Chicago Street, and the City of Buffalo Conway Park is to the east. Site Features: The main site features include an inactive truck terminal, restaurant/office building, five pump islands with product dispensers, and three (3) abandoned buildings. A majority of the site is paved. Grass covered areas are present in the northwest quadrant of the site. Current Zoning and Land Use: The site is currently inactive, and is zoned for commercial use. The surrounding parcels are currently used for a combination of commercial, industrial, residential, railroad right-of-way, vacant parcels, and parkland. The nearest residential development is less than 0.2 miles to the east and southwest and less than 0.4 miles to the north. Past Use of the Site: Until the late 1990s a portion of the site were used as an auto/truck gas and service station, dating back to 1925. The two buildings on the northern portion of the site along Chicago and

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Mackinaw Street (E&B Machinery and Central Manufacturing) operated as a machine shop, trucking terminal and coffin and cooperage manufacturing operations. Prior uses that appear to have led to site contamination are associated with the gas and service station operations, including the use of up to fifteen (15) underground storage tanks (USTs), one above ground storage tank (AST), and the use of solvents and oils during auto/truck repair activities. A 2010 Limited Phase II Site Assessment revealed evidence of significant subsurface petroleum contamination related to the former operation of a petroleum filling station and fuel distribution operation. Multiple NYSDEC Spill files have been associated with the site. Municipal records indicate UST replacements due to leaking tanks. Petroleum Bulk Storage (PBS) records indicate that two 20,000 gallon No. 2 fuel oil USTs were closed in place on-site. In November 2011 the site entered the Brownfield Cleanup Program and a remedial investigation commenced. Site Geology and Hydrogeology: The site is overlain by 8 feet of fill (sand, gravel, asphalt, brick), underlain by silty sandy clay grading into a brown silty clay unit. Shallow groundwater is at 4-6 feet below ground surface (fbgs) and flows west towards the Buffalo River. A site location map is attached as Figure 1.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminant of concern were arsenic, cadmium, lead, several polycyclic aromatic hydrocarbons (PAHs) and grossly contaminated media (GCM). Remedial actions have successfully achieved soil cleanup objectives for commercial use. Residual contamination in the soil is being managed under a Site Management Plan.

Health Problem: This Health Assessment is presently being updated and will be posted upon receipt from the NYSDOH.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 7/19/2011 2:12:00 PM
Record Upd: 3/14/2014 12:02:00 PM
Updated By: ALLOPES
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: William Paladino
Owner Company: Cooperage, LLC
Owner Address: 295 Main Street, Suite 210
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Owner
Sub Type: E
Owner Name: William Palidino
Owner Company: Cooperage, LLC
Owner Address: 295 Main Street, Suite 210
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Own Op: Document Repository
Sub Type: NNN
Owner Name: Mary Jean Jakubowski
Owner Company: Buffalo and Erie County Public Library
Owner Address: 1 Lafayette Square
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Anthony Lopes, P.E.
Owner Company: NYSDEC
Owner Address: 270 Michigan Ave
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: William Paladino
Owner Company: 4216 Group, LLC
Owner Address: 295 Main Street Suite 210
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
HW Code: C915257
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915257
Waste Type: CADMIUM
Waste Quantity: 15.00
Waste Code: Not reported
HW Code: C915257
Waste Type: PYRENE
Waste Quantity: 2200.00
Waste Code: Not reported
HW Code: C915257
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915257
Waste Type: LEAD
Waste Quantity: 11000.00
Waste Code: Not reported
HW Code: C915257
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: 290.00
Waste Code: Not reported
HW Code: C915257
Waste Type: Chrysene
Waste Quantity: 1300.00
Waste Code: Not reported
HW Code: C915257
Waste Type: BENZO(A)PYRENE
Waste Quantity: 1800.00
Waste Code: Not reported
HW Code: C915257

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C915257
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 12/13/2017 4:31:00 PM
Record Updated: 12/13/2017 4:37:00 PM
Updated By: ALLOPES
Crossref ID: C915257-09-11
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 12/13/2017 4:31:00 PM
Record Updated: 12/13/2017 4:38:00 PM
Updated By: ALLOPES
Crossref ID: BK/PG D 11282/2680
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 12/13/2017 4:44:00 PM
Record Updated: 12/13/2017 4:44:00 PM
Updated By: ALLOPES
Crossref ID: 2015139962
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 12/13/2017 4:47:00 PM
Record Updated: 12/13/2017 4:47:00 PM
Updated By: ALLOPES
Crossref ID: 07/15/2015
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 12/13/2017 4:48:00 PM
Record Updated: 12/13/2017 4:48:00 PM
Updated By: ALLOPES
Crossref ID: 9110763
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:13:00 PM
Record Updated: 7/20/2011 2:13:00 PM
Updated By: BRWOLOSE
Crossref ID: 9805444
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:15:00 PM
Record Updated: 7/20/2011 2:15:00 PM
Updated By: BRWOLOSE
Crossref ID: 8804555
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:11:00 PM
Record Updated: 7/20/2011 2:11:00 PM
Updated By: BRWOLOSE
Crossref ID: 9104400
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:13:00 PM
Record Updated: 7/20/2011 2:13:00 PM
Updated By: BRWOLOSE

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Crossref ID: 0904777
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:16:00 PM
Record Updated: 7/20/2011 2:16:00 PM
Updated By: BRWOLOSE
Crossref ID: 9302840
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:14:00 PM
Record Updated: 7/20/2011 2:14:00 PM
Updated By: BRWOLOSE
Crossref ID: 9610492
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:14:00 PM
Record Updated: 7/20/2011 2:14:00 PM
Updated By: BRWOLOSE
Crossref ID: 0911296
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:16:00 PM
Record Updated: 7/20/2011 2:16:00 PM
Updated By: BRWOLOSE
Crossref ID: 9709878
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:15:00 PM
Record Updated: 7/20/2011 2:15:00 PM
Updated By: BRWOLOSE
Crossref ID: 9800568
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:15:00 PM
Record Updated: 7/20/2011 2:15:00 PM
Updated By: BRWOLOSE
Crossref ID: 9510010
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:14:00 PM
Record Updated: 7/20/2011 2:14:00 PM
Updated By: BRWOLOSE
Crossref ID: 9302663
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:13:00 PM
Record Updated: 7/20/2011 2:13:00 PM
Updated By: BRWOLOSE
Crossref ID: 9009917
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:11:00 PM
Record Updated: 7/20/2011 2:11:00 PM
Updated By: BRWOLOSE
Crossref ID: 9-383511
Cross Ref Type Code: 18
Cross Ref Type: PBS No.

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Record Added Date: 7/20/2011 2:09:00 PM
Record Updated: 7/20/2011 2:09:00 PM
Updated By: BRWOLOSE

Site Code: 451883
Control Name: Site Management Plan
HW Code: C915257
Control Code: 32
Control Type: INST
Dt record added: 12/13/2017
Dt rec updated: 01/02/2018
Updated By: MJRYAN
Site Code: 451883
Site Description: Location: The 300 Ohio Street site is located in an urban/industrial area and consists of eleven (11) adjoining tax parcels, totaling 4.825 acres in size, at the corner of Ohio Street and Chicago Street in the City of Buffalo. The Buffalo River is to the west across Chicago Street, and the City of Buffalo Conway Park is to the east. Site Features: The main site features include an inactive truck terminal, restaurant/office building, five pump islands with product dispensers, and three (3) abandoned buildings. A majority of the site is paved. Grass covered areas are present in the northwest quadrant of the site. Current Zoning and Land Use: The site is currently inactive, and is zoned for commercial use. The surrounding parcels are currently used for a combination of commercial, industrial, residential, railroad right-of-way, vacant parcels, and parkland. The nearest residential development is less than 0.2 miles to the east and southwest and less than 0.4 miles to the north. Past Use of the Site: Until the late 1990s a portion of the site were used as an auto/truck gas and service station, dating back to 1925. The two buildings on the northern portion of the site along Chicago and Mackinaw Street (E&B Machinery and Central Manufacturing) operated as a machine shop, trucking terminal and coffin and cooperage manufacturing operations. Prior uses that appear to have led to site contamination are associated with the gas and service station operations, including the use of up to fifteen (15) underground storage tanks (USTs), one above ground storage tank (AST), and the use of solvents and oils during auto/truck repair activities. A 2010 Limited Phase II Site Assessment revealed evidence of significant subsurface petroleum contamination related to the former operation of a petroleum filling station and fuel distribution operation. Multiple NYSDEC Spill files have been associated with the site. Municipal records indicate UST replacements due to leaking tanks. Petroleum Bulk Storage (PBS) records indicate that two 20,000 gallon No. 2 fuel oil USTs were closed in place on-site. In November 2011 the site entered the Brownfield Cleanup Program and a remedial investigation commenced. Site Geology and Hydrogeology: The site is overlain by 8 feet of fill (sand, gravel, asphalt, brick), underlain by silty sandy clay grading into a brown silty clay unit. Shallow groundwater is at 4-6 feet below ground surface (fbgs) and flows west towards the Buffalo River. A site location map is attached as Figure 1.
Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminant of concern were arsenic, cadmium, lead, several polycyclic aromatic hydrocarbons (PAHs) and grossly contaminated media (GCM). Remedial actions have successfully achieved soil cleanup objectives for commercial use. Residual contamination in the soil is

SAM'S TRUCK STOP #110 (Continued) **U003317438**

	being managed under a Site Management Plan.
Health Problem:	This Health Assessment is presently being updated and will be posted upon receipt from the NYSDOH.
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	7/19/2011 2:12:00 PM
Record Upd:	3/14/2014 12:02:00 PM
Updated By:	ALLOPES
Own Op:	Applicant/Requestor
Sub Type:	P03
Owner Name:	William Paladino
Owner Company:	Cooperage, LLC
Owner Address:	295 Main Street, Suite 210
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
Own Op:	Owner
Sub Type:	E
Owner Name:	William Palidino
Owner Company:	Cooperage, LLC
Owner Address:	295 Main Street, Suite 210
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mary Jean Jakubowski
Owner Company:	Buffalo and Erie County Public Library
Owner Address:	1 Lafayette Square
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Anthony Lopes, P.E.
Owner Company:	NYSDEC
Owner Address:	270 Michigan Ave
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
Own Op:	Owner
Sub Type:	P03
Owner Name:	William Paladino
Owner Company:	4216 Group, LLC
Owner Address:	295 Main Street Suite 210
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
HW Code:	C915257
Waste Type:	TRICHLOROETHENE (TCE)

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915257
Waste Type: CADMIUM
Waste Quantity: 15.00
Waste Code: Not reported
HW Code: C915257
Waste Type: PYRENE
Waste Quantity: 2200.00
Waste Code: Not reported
HW Code: C915257
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C915257
Waste Type: LEAD
Waste Quantity: 11000.00
Waste Code: Not reported
HW Code: C915257
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: 290.00
Waste Code: Not reported
HW Code: C915257
Waste Type: Chrysene
Waste Quantity: 1300.00
Waste Code: Not reported
HW Code: C915257
Waste Type: BENZO(A)PYRENE
Waste Quantity: 1800.00
Waste Code: Not reported
HW Code: C915257
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C915257
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 12/13/2017 4:31:00 PM
Record Updated: 12/13/2017 4:37:00 PM
Updated By: ALLOPES
Crossref ID: C915257-09-11
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 12/13/2017 4:31:00 PM
Record Updated: 12/13/2017 4:38:00 PM
Updated By: ALLOPES
Crossref ID: BK/PG D 11282/2680
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 12/13/2017 4:44:00 PM
Record Updated: 12/13/2017 4:44:00 PM
Updated By: ALLOPES
Crossref ID: 2015139962
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 12/13/2017 4:47:00 PM
Record Updated: 12/13/2017 4:47:00 PM

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Updated By: ALLOPES
Crossref ID: 07/15/2015
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 12/13/2017 4:48:00 PM
Record Updated: 12/13/2017 4:48:00 PM
Updated By: ALLOPES
Crossref ID: 9110763
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:13:00 PM
Record Updated: 7/20/2011 2:13:00 PM
Updated By: BRWOLOSE
Crossref ID: 9805444
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:15:00 PM
Record Updated: 7/20/2011 2:15:00 PM
Updated By: BRWOLOSE
Crossref ID: 8804555
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:11:00 PM
Record Updated: 7/20/2011 2:11:00 PM
Updated By: BRWOLOSE
Crossref ID: 9104400
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:13:00 PM
Record Updated: 7/20/2011 2:13:00 PM
Updated By: BRWOLOSE
Crossref ID: 0904777
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:16:00 PM
Record Updated: 7/20/2011 2:16:00 PM
Updated By: BRWOLOSE
Crossref ID: 9302840
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:14:00 PM
Record Updated: 7/20/2011 2:14:00 PM
Updated By: BRWOLOSE
Crossref ID: 9610492
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:14:00 PM
Record Updated: 7/20/2011 2:14:00 PM
Updated By: BRWOLOSE
Crossref ID: 0911296
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:16:00 PM
Record Updated: 7/20/2011 2:16:00 PM
Updated By: BRWOLOSE
Crossref ID: 9709878
Cross Ref Type Code: 01

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:15:00 PM
Record Updated: 7/20/2011 2:15:00 PM
Updated By: BRWOLOSE
Crossref ID: 9800568
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:15:00 PM
Record Updated: 7/20/2011 2:15:00 PM
Updated By: BRWOLOSE
Crossref ID: 9510010
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:14:00 PM
Record Updated: 7/20/2011 2:14:00 PM
Updated By: BRWOLOSE
Crossref ID: 9302663
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:13:00 PM
Record Updated: 7/20/2011 2:13:00 PM
Updated By: BRWOLOSE
Crossref ID: 9009917
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 7/20/2011 2:11:00 PM
Record Updated: 7/20/2011 2:11:00 PM
Updated By: BRWOLOSE
Crossref ID: 9-383511
Cross Ref Type Code:
Cross Ref Type: PBS No.
Record Added Date: 7/20/2011 2:09:00 PM
Record Updated: 7/20/2011 2:09:00 PM
Updated By: BRWOLOSE

BROWNFIELDS:

Program:	BCP
Site Code:	451883
Acres:	4.825
HW Code:	C915257
SWIS:	1502
Town:	Buffalo (c)
Record Added Date:	07/18/2011
Record Updated Date:	02/05/2018
Update By:	CRSTANIS
Site Description:	Location: The 300 Ohio Street site is located in an urban/industrial area and consists of eleven (11) adjoining tax parcels, totaling 4.825 acres in size, at the corner of Ohio Street and Chicago Street in the City of Buffalo. The Buffalo River is to the west across Chicago Street, and the City of Buffalo Conway Park is to the east. Site Features: The main site features include an inactive truck terminal, restaurant/office building, five pump islands with product dispensers, and three (3) abandoned buildings. A majority of the site is paved. Grass covered areas are present in the northwest quadrant of the site. Current Zoning and Land Use: The site is currently inactive, and is zoned for commercial use. The surrounding parcels are currently used for a combination of commercial, industrial,

SAM'S TRUCK STOP #110 (Continued) **U003317438**

	residential, railroad right-of-way, vacant parcels, and parkland. The nearest residential development is less than 0.2 miles to the east and southwest and less than 0.4 miles to the north. Past Use of the Site: Until the late 1990s a portion of the site were used as an auto/truck gas and service station, dating back to 1925. The two buildings on the northern portion of the site along Chicago and Mackinaw Street (E&B Machinery and Central Manufacturing) operated as a machine shop, trucking terminal and coffin and cooperage manufacturing operations. Prior uses that appear to have led to site contamination are associated with the gas and service station operations, including the use of up to fifteen (15) underground storage tanks (USTs), one above ground storage tank (AST), and the use of solvents and oils during auto/truck repair activities. A 2010 Limited Phase II Site Assessment revealed evidence of significant subsurface petroleum contamination related to the former operation of a petroleum filling station and fuel distribution operation. Multiple NYSDEC Spill files have been associated with the site. Municipal records indicate UST replacements due to leaking tanks. Petroleum Bulk Storage (PBS) records indicate that two 20,000 gallon No. 2 fuel oil USTs were closed in place on-site. In November 2011 the site entered the Brownfield Cleanup Program and a remedial investigation commenced. Site Geology and Hydrogeology: The site is overlain by 8 feet of fill (sand, gravel, asphalt, brick), underlain by silty sandy clay grading into a brown silty clay unit. Shallow groundwater is at 4-6 feet below ground surface (fbgs) and flows west towards the Buffalo River. A site location map is attached as Figure 1.
Env Problem:	Remediation at the site is complete. Prior to remediation, the primary contaminant of concern were arsenic, cadmium, lead, several polycyclic aromatic hydrocarbons (PAHs) and grossly contaminated media (GCM). Remedial actions have successfully achieved soil cleanup objectives for commercial use. Residual contamination in the soil is being managed under a Site Management Plan.
Health Problem:	This Health Assessment is presently being updated and will be posted upon receipt from the NYSDOH.
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	7/19/2011 2:12:00 PM
Record Upd:	3/14/2014 12:02:00 PM
Updated By:	ALLOPES
Own Op:	Applicant/Requestor
Sub Type:	P03
Owner Name:	William Paladino
Owner Company:	Cooperage, LLC
Owner Address:	295 Main Street, Suite 210
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
Own Op:	Owner
Sub Type:	E

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Owner Name:	William Palidino
Owner Company:	Cooperage, LLC
Owner Address:	295 Main Street, Suite 210
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Mary Jean Jakubowski
Owner Company:	Buffalo and Erie County Public Library
Owner Address:	1 Lafayette Square
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Anthony Lopes, P.E.
Owner Company:	NYSDEC
Owner Address:	270 Michigan Ave
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
Own Op:	Owner
Sub Type:	P03
Owner Name:	William Paladino
Owner Company:	4216 Group, LLC
Owner Address:	295 Main Street Suite 210
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
HW Code:	C915257
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915257
Waste Type:	CADMIUM
Waste Quantity:	15.00
Waste Code:	Not reported
HW Code:	C915257
Waste Type:	PYRENE
Waste Quantity:	2200.00
Waste Code:	Not reported
HW Code:	C915257
Waste Type:	BENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C915257
Waste Type:	LEAD
Waste Quantity:	11000.00
Waste Code:	Not reported
HW Code:	C915257
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	290.00
Waste Code:	Not reported
HW Code:	C915257
Waste Type:	Chrysene
Waste Quantity:	1300.00

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Waste Code:	Not reported
HW Code:	C915257
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	1800.00
Waste Code:	Not reported
HW Code:	C915257
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C915257
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	12/13/2017 4:31:00 PM
Record Updated:	12/13/2017 4:37:00 PM
Updated By:	ALLOPES
Crossref ID:	C915257-09-11
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	12/13/2017 4:31:00 PM
Record Updated:	12/13/2017 4:38:00 PM
Updated By:	ALLOPES
Crossref ID:	BK/PG D 11282/2680
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	12/13/2017 4:44:00 PM
Record Updated:	12/13/2017 4:44:00 PM
Updated By:	ALLOPES
Crossref ID:	2015139962
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	12/13/2017 4:47:00 PM
Record Updated:	12/13/2017 4:47:00 PM
Updated By:	ALLOPES
Crossref ID:	07/15/2015
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	12/13/2017 4:48:00 PM
Record Updated:	12/13/2017 4:48:00 PM
Updated By:	ALLOPES
Crossref ID:	9110763
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	7/20/2011 2:13:00 PM
Record Updated:	7/20/2011 2:13:00 PM
Updated By:	BRWOLOSE
Crossref ID:	9805444
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	7/20/2011 2:15:00 PM
Record Updated:	7/20/2011 2:15:00 PM
Updated By:	BRWOLOSE
Crossref ID:	8804555
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	7/20/2011 2:11:00 PM
Record Updated:	7/20/2011 2:11:00 PM
Updated By:	BRWOLOSE

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Crossref ID:	9104400
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	7/20/2011 2:13:00 PM
Record Updated:	7/20/2011 2:13:00 PM
Updated By:	BRWOLOSE
Crossref ID:	0904777
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	7/20/2011 2:16:00 PM
Record Updated:	7/20/2011 2:16:00 PM
Updated By:	BRWOLOSE
Crossref ID:	9302840
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	7/20/2011 2:14:00 PM
Record Updated:	7/20/2011 2:14:00 PM
Updated By:	BRWOLOSE
Crossref ID:	9610492
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	7/20/2011 2:14:00 PM
Record Updated:	7/20/2011 2:14:00 PM
Updated By:	BRWOLOSE
Crossref ID:	0911296
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	7/20/2011 2:16:00 PM
Record Updated:	7/20/2011 2:16:00 PM
Updated By:	BRWOLOSE
Crossref ID:	9709878
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	7/20/2011 2:15:00 PM
Record Updated:	7/20/2011 2:15:00 PM
Updated By:	BRWOLOSE
Crossref ID:	9800568
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	7/20/2011 2:15:00 PM
Record Updated:	7/20/2011 2:15:00 PM
Updated By:	BRWOLOSE
Crossref ID:	9510010
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	7/20/2011 2:14:00 PM
Record Updated:	7/20/2011 2:14:00 PM
Updated By:	BRWOLOSE
Crossref ID:	9302663
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	7/20/2011 2:13:00 PM
Record Updated:	7/20/2011 2:13:00 PM
Updated By:	BRWOLOSE
Crossref ID:	9009917
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Record Added Date:	7/20/2011 2:11:00 PM
Record Updated:	7/20/2011 2:11:00 PM
Updated By:	BRWOLOSE
Crossref ID:	9-383511
Cross Ref Type Code:	18
Cross Ref Type:	PBS No.
Record Added Date:	7/20/2011 2:09:00 PM
Record Updated:	7/20/2011 2:09:00 PM
Updated By:	BRWOLOSE

SPILLS:

Facility ID:	0904777
Facility Type:	ER
Spill Number:	0904777
DER Facility ID:	366055
Site ID:	416985
DEC Region:	9
Closed Date:	2011-09-16
Spill Cause:	Other
Spill Class:	C1
SWIS:	1502
Spill Date:	2009-07-24
Investigator:	FXGALLEG
Referred To:	Not reported
Reported to Dept:	2009-07-24
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	2010-03-31
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2009-07-24
Spill Record Last Update:	2011-09-16
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	Not reported
Contact Name:	Not reported
DEC Memo:	"03/23/10: MF BID PACKAGE TO NW, MATRIX & RUSSO. 03/26/10: MF BIBS ALL RETURNED, LOWEST RUSSO. T/C ERIC RUSSO, THEY WILL BE ABLE TO START 3/31/10 WHEN UTILITIES MARKED OUT. 03/31/10: MF S/V/RUSSO, MIKE BEAVER/LCS, ADAM ZEBROWSKI/PAT, NATIONAL VAC. ADVANCING 39-40 BORINGS BASED ON BID. BORINGS TO 16', WATER APPX 12', THIS IS LOT BEHIND FUELING AREA WHERE UST'S MAY HAVE BEEN. NAT FUEL MARKED OUT MED PRESSURE NATURAL GAS LINE. 4/16/10 FG RECEIVED THE ANALYTICAL DATA COLLECTED ON 3/31/10 FROM BH1 8-10, BH10 0-2, BH11 4-8, BH12 8-12, BH13 4-8. THE RESULTS ARE FOR TOTAL 8260'S AND 8270'S PPB: 8270: BH1 800, BH10 17000, BH11 3610, BH13 ND 8260: BH1 ND, BH10 1817, BH11 30200, BH13 526 4/21/10 UPSTATE SUBMITTED THE ANALYTICAL DATA COLLECTED ON 4/1/10 FROM BH12 0-2, BH18 0-4, BH19 2-4, BH21 6-8, BH23 6-8, BH24 2-4, BH25 0-4, BH26 8-10, BH27 8-10, BH28 6-8, BH29 10-12, BH30 8-12, BH31 8-10, BH34 6-8, BH37 0-4, BH38 6-8, BH40 8-10, BH41 4-8, BH42 2-4. THE RESULTS ARE FOR TOTAL 8260'S AND 8270'S PPB: 8270:

SAM'S TRUCK STOP #110 (Continued) **U003317438**

BH15 21,000, BH42 17030000, BH41 851000, BH40 30000, BH38 22600, BH37 2700, BH34 130, BH31 64600, BH30 1280, BH29 70, BH28 17000, BH27 90, BH26 60, BH25 7350, BH24 186000, BH23 1070, BH21 1900, BH19 207000, BH18 59000, 8260: BH15 2300, BH42 1800, BH41 2900, BH40 ND, BH38 ND, BH37 31700, BH34 400, BH31 2900, BH30 ND, BH29 ND, BH28 4100, BH27 14400, BH26 ND, BH25 2020, BH24 6000, BH23 ND, BH21 7610, BH19 27000, BH18 23110 A REPORT OF FINDINGS IS EXPECTED FROM LCS. 5/7/10 LCS SUBMITTED THE PHASE II ENVIRONMENTAL SITE ASSESSMENT FOR 300 OHIO ST. 41 BORINGS WERE ADVANCED. BH36 WAS NOT COMPLETED DUE TO ITS PROXIMITY TO TWO NATURAL GAS UTILITY LINES. A TOTAL OF 197 SOIL SAMPLES WERE COLLECTED FOR GEOLOGIC DESCRIPTION. FILL MATERIAL CONSISTING OF ASPHALT, BRICK, GRAVEL, CLAY, SAND AND SILT WAS NOTED WITHIN ALL OF THE TEST BORINGS WITH THE EXCEPTION OF BH26, BH31 AND BH40 THROUGH BH42 TO A MAXIMUM DEPTH OF APPROX 8 FBGS. GENERALLY, THE NATIVE SOILS ENCOUNTERED CONSISTED OF VARYING MIXTURES OF GRAVEL, SAND, SILT AND CLAY TO THE BOTTOM OF THE TEST BORINGS. APPARENT GW WAS APPROX 4 & 12 FTBGS. EQUIPMENT REFUSAL WAS ENCOUNTERED WITHIN TEST BORING BH7 AT APPROX 8 FTBGS. THE CAUSE OF THE EQUIPMENT REFUSAL COULD NOT BE DETERMINED. PID MEASUREMENTS WERE ABOVE TOTAL AMBIENT AIR BACKGROUND VOC MEASUREMENTS IN 184 OF THE 197 SOIL SAMPLES COLLECTED. THESE ELEVATED CONCENTRATIONS RANGED FROM .1 PPM TO 1897 PPM. PETROLEUM TYPE ODORS WERE DETECTED IN SOIL SAMPLES COLLECTED FROM TEST BORINGS BH1, BH11, BH12, BH15, BH18, BH19, BH23 THROUGH BH29, BH31, BH37, BH38 AND BH41 BETWEEN APPROX THE GROUND SURFACE AND 16 FTBGS. PETROLEUM TYPE STAINING WAS OBSERVED IN SOIL SAMPLES COLLECTED FROM TEST BORINGS BH38 AND BH41 BTW APPROX 4 AND 8 FTBGS. IN LCS' EXPERIENCE, THE PID MEASUREMENTS AND FIELD OBSERVATIONS SUGGEST VOC IMPACT LOCATED WEST SOUTH AND EAST OF THE SUBJECT STRUCTURE. BASED ON THE ANALYTICAL RESULTS, ANALYTES WERE DETECTED AT CONCENTRATIONS ABOVE TAGM RSCO IN SOIL SAMPLES COLLECTED FROM WEST, SOUTH AND EAST OF THE SUBJECT STRUCTURE. ANALYTES WERE NOT DETECTED AT CONCENTRATIONS ABOVE TAGM RSCO'S IN SOIL SAMPLES COLLECTED FROM TEST BORINGS BH15, BH23, BH28, BH29 AND BH40. BASED ON THE FIELD OBSERVATIONS (I.E. ELEVATED PID READINGS, ODORS, STAINING) ANALYTES MAY BE PRESENT IN SOIL SAMPLES COLLECTED FROM THOSE TEST BORINGS; HOWEVER, WERE NOT DETECTED DUE TO ELEVATED LABORATORY METHOD DETECTION LIMITS. CONTAMINATED SOIL AND GW SHOULD BE REMEDIATED IN ACCORDANCE WITH THE REQUIREMENTS OF NYSDEC. NON COMPLIANT UST SYSTEMS SHOULD BE PROPERLY ABANDONED - CLOSED IN PLACE OR EXCAVATED AND REMOVED. 7/26/10 RUSSO, LCS, NATIONAL VAC ON SITE TO CONDUCT ADDITIONAL SUBSURFACE BORINGS ON THE SITE TO DELINEATE THE CONTAMINATION DISCOVERED DURING THE FIRST SUBSURFACE INVESTIGATION. IT IS A CONTINUATION OF THE WORK. NATIONAL VAC IS ON SITE WITH 1 PICK UP TRUCK AND ONE PERSON TO DETERMINE THE CONTENTS OF THE EXISTING USTS. RUSSO AND LCS HAVE BID THE JOB PER DAY AND ARE DRILLING AND DOCUMENTING THE BORINGS AND WILL PROVIDE A REPORT OF FINDINGS. FG ON SITE INSPECTING THE WORK. 7/27/10 RUSSO, LCS, NATIONAL VAC ON SITE TO COMPLETE THE SUBSURFACE INVESTIGATIONS. SAME CREW ON SITE TO COMPLETE THE DELINEATION. 8/27/10 RUSSO SUBMITTED THE LCS 8/25/10 SUPPLEMENTAL PHASE II ENVIRONMENTAL SITE ASSESSMENT LIMITED AND FOCUSED SUBSURFACE SOIL & INVESTIGATION COMPLETED FOR THE SITE. AN ADDITIONAL 24 SOIL BORINGS WERE COMPLETED WITH 22 SOIL SAMPLES SUBMITTED FOR ANALYSIS. THE RESULTS FOR TOTAL STARS LIST VOC'S IN PPB ARE: BH43 18, BH44 ND, BH45 20700, BH46 ND, BH47 ND, BH48 ND, BH50 ND, BH51 1297, BH52 103000, BH53 250900, BH54 636000, BH55 21700, BH56 756, BH58 255600, BH59 ND, BH60 ND, BH61 3800, BH62 4870, BH63 16830, BH64 620, BH65 ND, BH66 ND. THE RESULTS FOR TOTAL STARS LIST SVOC'S IN PPB ARE: BH43

SAM'S TRUCK STOP #110 (Continued) **U003317438**

ND, BH44 17200, BH45 73200, BH46 ND, BH47 10000, BH48 21700, BH50 ND, BH51 ND, BH52 82400, BH53 1400, BH54 ND, BH55 5900, BH56 ND, BH58 13000, BH59 ND, BH60 ND, BH61 ND, BH62 27700, BH63 94000, BH64 21800, BH65 ND, BH66 ND. THE DETECTION LIMITS ON THE ANALYTICAL WERE HIGH WITH A LAB NOTE INDICATING THAT THERE WAS MATRIX INTERFERENCE WITH NO OTHER EXPLANATION. 9/8/10 JOHN LUTTINGER WITH AMEC ON SITE TO COMPLETE THE GPR SURVEY OF THE PROPERTY. THEY WON THE BID SUBMITTED TO THREE PARTIES. THEY WILL PROVIDE A REPORT OF FINDINGS ONCE THEY INTERPRET THE DATA COLLECTED. NATIONAL VAC HAD ONE EMPLOYEE ON SITE WITH A PICK UP TRUCK. 10/3/10 AMEC SUBMITTED THE GEOPHYSICAL SURVEY RESULTS FOR THIS SITE. THE REPORT OVERLAYED A PREVIOUS MAP OF KNOWN TANK LOCATIONS WITH THE GEOPHYSICAL RESULTS. 9 ADDITIONAL LOCATIONS WERE IDENTIFIED AS POSSIBLY HAVING THE PRESENCE OF UST'S ABOVE AND BEYOND THOSE LOCATIONS ALREADY KNOWN TO HAVE UST'S. A COPY OF THE REPORT WAS GIVEN TO MS. TERRI MUCHA, ESQ AND SHE WAS TO PROVIDE IT TO THE OWNER'S ATTORNEY. PETRO USA WILL DECIDE BY FEBRUARY 2011 IF THEY WILL DO THE REMEDIAL WORK NECESSARY OR IF THEY WILL ALLOW THE DEPARTMENT TO COMPLETE THE WORK. 12/14/2010 - GPS: MTG TODAY WITH RICHARD MOORE (ATTORNEY) AND RICK FRAPPA (AMEC CONSULTANTING) REGARDING REMEDIATION OF SITE. FRAPPA PRESENTED PROPOSAL TO CLEAN-UP SITE TO MEET 375 GUIDELEINES WITH TANK PULL, LIMITED EXCAVATION, COVER SYSTEM AND USE RESTRICTIONS. I CLARIFIED THAT THIS ONLY PERTAINED TO BCP PROGRAM AND NOT NAV LAW REQUIREMENTS. NAV LAW REQUIRED PRERELEASE CONDITIONS BE OBTAINED. DISCUSSED REMEDIAL OPTIONS UNDER BCP VS. NAV LAW. PROBLEM WITH BCP IS THAT CORP. TRUSTEES HAVE NO POTENTIAL DEVELOPER TOI TAKE ADVANTAGE OF TAX CREDIT. EST. TANK PULL COSTS AT $50-$80K. THEY THEN SUGGESTED THAT THEY BE ALLOWED TO PULL TANKS AND LEAVE CONTAINATION IN PLACE TO BE ADDRESSED AT A LATER DATE. AGAIN ADVISED THAT THIS WAS NOT POSSIBLE. AGREED THEY WOULD REVEIW OPTIONS WITH TRUSTEES AND RESPOND BACK TO DEC WITH A REMEDIAL PLAN OR ACCESS BY FEB. 1, 2011. 6/2/11 A DEVELOPER PURCHASED THE PROPERTY AND WILL BE SUBMITTING AN APPLICATION TO THE BROWNFIELD PROGRAM. THIS FILE WILL BE CLOSED ONCE THE BROWNFIELD IS APPROVED. 9/16/11 THE BROWNFIELD PROGRAM HAS ACCEPTED THE SITE. THE SPILL FILE IS CLOSED. ALL FURTHER REMEDIAL EFFORTS WILL BE TRACKED IN THE BROWNFIELD PROGRAM."

Remarks: "Former service station with existing USTs and suspected subsurface spill(s). Facility has been listed as a potentia Federal LUST Stimulus project requiring site investigation / remediation. PBS No. 9-38511."

All Materials:

Site ID:	416985
Operable Unit ID:	1173243
Operable Unit:	01
Material ID:	2165138
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Site ID:	416985
Operable Unit ID:	1173243
Operable Unit:	01

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Material ID:	2186722
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Facility ID:	0911296
Facility Type:	ER
Spill Number:	0911296
DER Facility ID:	366055
Site ID:	424094
DEC Region:	9
Closed Date:	2010-09-03
Spill Cause:	Deliberate
Spill Class:	C2
SWIS:	1502
Spill Date:	2010-01-01
Investigator:	RMCROSSE
Referred To:	LAW ENFORCEMENT FOR REVIEW
Reported to Dept:	2010-01-15
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Citizen
Cleanup Ceased:	2010-09-03
Cleanup Meets Std:	True
Last Inspection:	2010-01-30
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2010-01-20
Spill Record Last Update:	2010-09-03
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"01/15/10 RMC/FILE. DKK HAS SITE AT THIS LOCATION. DISCUSSED WITH DKK, RMC TO INVESTIGATE. RMC WENT TO THE SITE AND FOUND SOMEONE CHANGED A TRACTOR TRAILER ENGINE JUST OFF THE ROAD AND LEFT THE OIL AND FILTER ON THE GROUND. TALKED WITH DKK AND HIRED NATIONAL VAC TO CLEANUP ROAD SIDE SPILL. NATIONAL VAC WAS THERE AND CLEANED UP THE SPILL WITH IN TWO HOURS. TWO DRUMS GENERATED. NO SPILLED IDENTIFIED. 01/20/10 RMC/FILE. DID PIN PAPERWORK."
Remarks:	"caller claims there is standing diesel spilled at this location."

Facility ID:	8804555
Facility Type:	ER
Spill Number:	8804555
DER Facility ID:	154204
Site ID:	184255
DEC Region:	9

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Closed Date:	1989-07-06
Spill Cause:	Human Error
Spill Class:	Not reported
SWIS:	1502
Spill Date:	1988-08-24
Investigator:	MJHINTON
Referred To:	Not reported
Reported to Dept:	1988-08-25
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Responsible Party
Cleanup Ceased:	1989-07-06
Cleanup Meets Std:	True
Last Inspection:	1988-08-25
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	1988-08-26
Spill Record Last Update:	1989-07-11
Spiller Name:	Not reported
Spiller Company:	SANTAROSA GROUP, INC.
Spiller Address:	2445 ALLEN AVENUE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MJH 08/25/88: MJH ON SITE SPILLER CLEANED UP. 07/06/89: LETTER IN LIEU OF DISPOSAL RECIEPT PROVIDED, NO FURTHER ACTION NEEDED. "
Remarks:	"SPILL DURNING FILLING UNDERGROUND TANK"

All Materials:

Site ID:	184255
Operable Unit ID:	921707
Operable Unit:	01
Material ID:	456495
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	35.00
Units:	G
Recovered:	35.00
Oxygenate:	Not reported

Facility ID:	9302840
Facility Type:	ER
Spill Number:	9302840
DER Facility ID:	154204
Site ID:	184260
DEC Region:	9
Closed Date:	1995-08-14
Spill Cause:	Unknown
Spill Class:	B3
SWIS:	1502
Spill Date:	1993-05-27
Investigator:	COOKE
Referred To:	Not reported

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Reported to Dept:	1993-05-27
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	1995-08-14
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1993-06-09
Spill Record Last Update:	2002-03-20
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was JDC 08/14/95: FILE CLOSED AND CONTINUED UNDER SN 9104400 - RNL. "
Remarks:	"REMOVAL OF 2 UST'S; 1-11,000 GAL. GASOLINE TANK AND 1-2,000 GAL. KEROSENE TANK."

All Materials:

Site ID:	184260
Operable Unit ID:	981166
Operable Unit:	01
Material ID:	399948
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

Facility ID:	9610492
Facility Type:	ER
Spill Number:	9610492
DER Facility ID:	154204
Site ID:	184262
DEC Region:	9
Closed Date:	1996-12-02
Spill Cause:	Human Error
Spill Class:	C3
SWIS:	1502
Spill Date:	1996-11-15
Investigator:	MXFRANKS
Referred To:	Not reported
Reported to Dept:	1996-11-15
CID:	257
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	DEC
Cleanup Ceased:	1996-12-02
Cleanup Meets Std:	True

SAM'S TRUCK STOP #110 (Continued) **U003317438**

Last Inspection:	1996-11-15
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	1996-11-21
Spill Record Last Update:	2002-03-20
Spiller Name:	RON HALPIN
Spiller Company:	PETRO USA
Spiller Address:	300 OHIO STREET
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MF 11/15/96: MF WHEN DRIVING BY NOTICED SPILLAGE AROUND FUEL ISLAND INTO STREET & SEWER. MET/RON HALPIN, HE CLAIMED SPILLAGE FROM UNKNOWN TRUCK. ATTENDENT APPLIED VERY LITTLE SPEEDY DRY. TOLD HIM PRODUCT IN SEWER MUST BE REMOVED & ADDITIONAL SPEEDY DRY MUST BE APPLIED AROUND ISLAND INTO STREET. I WILL REINSPECT. TOLD RON ALL SPILLS MUST BE REPORTED. HE WILL INSTRUCT ATTENDENTS. APPX 1330, SITE VISIT, AREA CLEANED. NO FURTHER ACTION NECESSARY. "
Remarks:	"SPILLAGE NEAR ISLAND AND IN STREET WHEN DRIVING BY STATION"

All Materials:

Site ID:	184262
Operable Unit ID:	1038407
Operable Unit:	01
Material ID:	342704
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20.00
Units:	G
Recovered:	15.00
Oxygenate:	Not reported

Facility ID:	9709878
Facility Type:	ER
Spill Number:	9709878
DER Facility ID:	154204
Site ID:	184263
DEC Region:	9
Closed Date:	1998-01-30
Spill Cause:	Unknown
Spill Class:	D3
SWIS:	1502
Spill Date:	1997-11-24
Investigator:	LEARY
Referred To:	Not reported
Reported to Dept:	1997-11-24
CID:	999
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	1997-11-24
Recommended Penalty:	False

SAM'S TRUCK STOP #110 (Continued) **U003317438**

UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	1997-11-25
Spill Record Last Update:	2002-03-20
Spiller Name:	RON HALPIN
Spiller Company:	PETRO USA
Spiller Address:	300 OHIO STREET
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was RNL 11/24/97: RNL INSPECTION, CONTRACTOR HAD FOUND SUBSURFACE SOIL WITH AN ODOR AT THE STATION WHILE INSTALLING CATHODIC PROTECTION FOR THE TANKS, MET RON HALPIN, HE AGREED TO RESAMPLE EXISTING WELLS FOR 8021, IF A PROBLEM, FURTHER WORK WILL BE REQUIRED, SEND LETTER 12/31/97: RNL SENT LETTER REQUESTING SAMPLE RESULTS 01/28/98: RNL RECEIVED SAMPLE RESULTS, NO CHANGE SINCE LAST SPILL SAMPLE RESULTS, LEVELS VERY LOW, CLOSEOUT SITE AS INACTIVE 01/30/98: RNL SENT INACTIVE LETTER"
Remarks:	"drilling to install anodes on tanks and found petroleum odors in 10-15 borings tony rizk 330-725-6681 cor pro"

All Materials:

Site ID:	184263
Operable Unit ID:	1056244
Operable Unit:	01
Material ID:	328207
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Facility ID:	9805444
Facility Type:	ER
Spill Number:	9805444
DER Facility ID:	154204
Site ID:	184265
DEC Region:	9
Closed Date:	1998-07-31
Spill Cause:	Deliberate
Spill Class:	C3
SWIS:	1502
Spill Date:	1998-07-31
Investigator:	LEARY
Referred To:	Not reported
Reported to Dept:	1998-07-31
CID:	270
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	1998-07-31
Recommended Penalty:	False

SAM'S TRUCK STOP #110 (Continued) **U003317438**

UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-07-31
Spill Record Last Update:	2002-03-20
Spiller Name:	Not reported
Spiller Company:	TRUCK NY REG RD3880
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was RNL 07/31/98: RNL INSPECTION, FOUND BIOPILE, SEE SKETCH, SOME RECENT SOIL DUMPED IN BIOPILE AREA, TALKED TO RON HALPIN, TOLD HIM I NEED SAMPLING DATA, WORK SCHEDULE, ETC., SOME SOIL HAD BEEN TRUCKED IN FROM A SPILL IN NIAGARA FALLS WITH SPILLS PERMISSION, I SAID NO MORE SOIL UNTIL DATA RECEIVED AND REVIEWED 08/05/98: RNL SENT LETTER TO PETROLEUM SALES AND SERVICE, FOLLOWUP UNDER EXISTING SPILL 9800568 AT THIS SITE AT 300 OHIO STREET, CLOESOUT THIS SPILL"
Remarks:	"CALLER STATES THAT SUBJ WAS DUMPING APPROX 8 55 GAL DRUMS OF AN UNKNOWN MATERIAL BEHIND BLDG"

All Materials:

Site ID:	184265
Operable Unit ID:	1066619
Operable Unit:	01
Material ID:	320187
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

H49 **BULKMATIC TRANSPORT COMPANY** **NY AST** **U004046243**
North **301 OHIO STREET** **N/A**
1/8-1/4 **BUFFALO, NY 14203**
0.202 mi.
1066 ft. **Site 2 of 2 in cluster H**

Relative: **Lower**

Actual: **580 ft.**

AST:

Region:	STATE
DEC Region:	9
Site Status:	Unregulated/Closed
Facility Id:	9-600347
Program Type:	PBS
UTM X:	183948.85495
UTM Y:	4753542.99313
Expiration Date:	N/A
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	55197
Affiliation Type:	Facility Owner
Company Name:	BULKMATIC TRANSPORT COMPANY
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	2001 N. CLINE AVENUE

BULKMATIC TRANSPORT COMPANY (Continued) **U004046243**

Address2:	Not reported
City:	GRIFFITH
State:	IN
Zip Code:	46319
Country Code:	001
Phone:	(219) 972-7630
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	55197
Affiliation Type:	Mail Contact
Company Name:	BULKMATIC TRANSPORT COMPANY
Contact Type:	Not reported
Contact Name:	ADAM R. LEOS
Address1:	2001 NORTH CLINE AVENUE
Address2:	Not reported
City:	GRIFFITH
State:	IN
Zip Code:	46319
Country Code:	001
Phone:	(219) 972-7630
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	55197
Affiliation Type:	Facility Operator
Company Name:	BULKMATIC TRANSPORT COMPANY
Contact Type:	Not reported
Contact Name:	RENE EBERHARDT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(716) 854-2146
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	55197
Affiliation Type:	Emergency Contact
Company Name:	BULKMATIC TRANSPORT COMPANY
Contact Type:	Not reported
Contact Name:	ANDREW DUFFIN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(716) 434-1764

BULKMATIC TRANSPORT COMPANY (Continued) **U004046243**

EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 172773
Material Code: 0008
Common Name of Substance: Diesel

Equipment Records:

H99 - Tank Leak Detection - Other
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G01 - Tank Secondary Containment - Diking (Aboveground)
C01 - Pipe Location - Aboveground
I00 - Overfill - None
K01 - Spill Prevention - Catch Basin
J02 - Dispenser - Suction Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 09/01/1997
Capacity Gallons: 10000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 05/20/2002
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: diesel

Tank Number: 002
Tank Id: 172827
Material Code: 0012
Common Name of Substance: Kerosene [#1 Fuel Oil] (On-Site Consumption)

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron

BULKMATIC TRANSPORT COMPANY (Continued) **U004046243**

Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	05/20/2002
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	kerosene [#1 fuel oil] (on-site consumption)

I50 **NYSDEC - LEHIGH IND PARK** **NY MANIFEST** **S119072116**
ENE **31 SOUTH ST** **N/A**
1/8-1/4 **LACKAWANNA, NY 14218**
0.203 mi.
1074 ft. **Site 1 of 2 in cluster I**

Relative:
Lower

Actual:
580 ft.

NY MANIFEST:

Country:	USA
EPA ID:	NYD986967156
Facility Status:	Not reported
Location Address 1:	31 SOUTH ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	LACKAWANNA
Location State:	NY
Location Zip:	14218
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD986967156
Mailing Name:	NYSDEC - LEHIGH IND PARK
Mailing Contact:	BRADLEY BROWN
Mailing Address 1:	50 WOLF RD - ROOM 222
Mailing Address 2:	Not reported
Mailing City:	ALBANY
Mailing State:	NY
Mailing Zip:	12202
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	5184574343

NY MANIFEST:

Document ID:	NJA2601308
Manifest Status:	K
seq:	Not reported
Year:	1997
Trans1 State ID:	S50060
Trans2 State ID:	50060
Generator Ship Date:	08/01/1997
Trans1 Recv Date:	08/01/1997
Trans2 Recv Date:	08/04/1997
TSD Site Recv Date:	08/06/1997
Part A Recv Date:	/ /
Part B Recv Date:	09/10/1997

NYSDEC - LEHIGH IND PARK (Continued) **S119072116**

Generator EPA ID:	NYD986967156
Trans1 EPA ID:	NYD980761191
Trans2 EPA ID:	NYD980761191
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D006 - CADMIUM 1.0 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	01200
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

I51 **LEHIGH INDUSTRIAL PARK** **NY SHWS** **1000554254**
ENE **31 SOUTH ST** **NY ENG CONTROLS** **NYD986967156**
1/8-1/4 **LACKAWANNA, NY 14218** **NY INST CONTROL**
0.203 mi. **RCRA NonGen / NLR**
1074 ft. **Site 2 of 2 in cluster I**

Relative: **Lower**

Actual: **580 ft.**

SHWS:

Program:	HW
Site Code:	58198
Classification:	Site is properly closed - requires continued management.
Region:	9
Acres:	5.7
HW Code:	915145
Record Add:	11/18/1999
Record Upd:	11/15/2017
Updated By:	CRSTANIS

Site Description: Location: The Lehigh Industrial Park site is located at 31 South Street in the City of Lackawanna, Erie County. The site is located in an urban area. Site Features: This site is vacant, grass covered land. It is bordered by train tracks and a rail yard to the east, industrial parcels to the south, the Erie County Sewer District #6 treatment plant to the north, and residential areas to the west. Current Zoning and Land Use: This site is currently vacant, and is zoned for commercial use. Past Use of the Site: This site was

LEHIGH INDUSTRIAL PARK (Continued) **1000554254**

formerly the Roblin Steel Company Scrap Metal Yard and Scrap Processing Facility, until it was acquired by a new owner in 1988. In 1988 DEC investigated a report of a transformer oil spill at this site. They found open and upset transformer casings and several areas of oil drenched soil in, and adjacent to, a small fenced area on the site. PCB contamination of soils was confirmed, with one location showing concentrations of 137,000 ppm of total PCBs. In response to NYSDEC's request, the USEPA conducted further sampling and issued a complaint to the owner. NYSDEC conducted a Remedial Investigation (RI) in 1992. The entire site was fenced at all access points. The RI determined that no migration into residential areas had occurred. The Record of Decision (ROD) was signed in 1994. Remedial Action was completed in 1997 in accordance with the ROD. Remedial activities completed included complete demolition of the abandoned site structures, asbestos abatement, removal and disposal of PCB contaminated soil, on-site consolidation of non-hazardous waste soil and debris, construction of an infiltration basin to control surface water run-off, installation of a clean soil cover over the entire site, and the planting and establishment of a grass cover over the entire site. During construction a total of 212 tons of contaminated soil was disposed of off-site at Modern Landfill in Lewiston, NY. Long-term Operation and Maintenance (O&M) of the site is in progress. The integrity of the clean soil cover over the consolidated fill is being monitored and groundwater quality is being assessed as part of O&M.

Env Problem:	Nature and Extent of Contamination: Prior to Remediation: The RI identified areas of PCB and heavy metals contamination in the wastes and shallow soils. No impacts to shallow groundwater has been observed. Post-Remediation: The site groundwater and cap are being monitored under the Department's long term O&M program
Health Problem:	Residential homes are located north and west of the site. Groundwater is not used as a drinking water source in the vicinity of the landfill. Exposures via drinking water are not expected because public water is supplied to the area. The site is fenced and posted to prevent trespassing and to reduce the potential for exposure. The site remedy which included excavation and off-site disposal of hazardous waste/soil and consolidation and capping of other contamination further reduces the potential for exposure.
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	1988
Disp Term:	present
Lat/Long:	42:49:00:0 / 78:50:24:0
Dell:	False
Record Add:	11/18/1999 12:00:00 PM
Record Upd:	11/18/1999 12:00:00 PM
Updated By:	INITIAL
Own Op:	Disp. Owner
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	ROBLIN STEEL COMPANY
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	ZZ

LEHIGH INDUSTRIAL PARK (Continued) **1000554254**

Owner Country:	United States of America
Own Op:	Owner
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Lehigh Industrial Park Inc.
Owner Address:	609 Ridge Road
Owner Addr2:	Not reported
Owner City,St,Zip:	Lackawanna, NY 14218
Owner Country:	United States of America
Own Op:	On-Site Operator
Sub Type:	E
Owner Name:	Not reported
Owner Company:	ROBLIN STEEL COMPANY
Owner Address:	101 EAST AVE.
Owner Addr2:	Not reported
Owner City,St,Zip:	NORTH TONAWANDA, NY
Owner Country:	United States of America
Own Op:	On-Site Operator
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	ROBLIN STEEL COMPANY
Owner Address:	101 EAST AVENUE
Owner Addr2:	Not reported
Owner City,St,Zip:	NORTH TONAWANDA, NY 14120
Owner Country:	United States of America
Own Op:	Owner
Sub Type:	05
Owner Name:	Not reported
Owner Company:	Lackawanna Islamic Mosque
Owner Address:	154 Wilkesbarre Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Lackawanna, NY 14218
Owner Country:	United States of America
HW Code:	915145
Waste Type:	POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	NYD986967156
Cross Ref Type Code:	05
Cross Ref Type:	EPA Site ID
Record Added Date:	11/18/1999 12:00:00 PM
Record Updated:	5/10/2001 4:31:00 PM
Updated By:	REGTRANS

ENG CONTROLS:

Site Code:	58198
HW Code:	915145
Control Code:	15
Control Type:	ENG
Date Record Added:	12/04/2012
Date Rec Updated:	05/09/2016
Updated By:	mfmoore
Site Description:	Location: The Lehigh Industrial Park site is located at 31 South Street in the City of Lackawanna, Erie County. The site is located in an urban area. Site Features: This site is vacant, grass covered land. It is bordered by train tracks and a rail yard to the east, industrial parcels to the south, the Erie County Sewer District #6

LEHIGH INDUSTRIAL PARK (Continued) **1000554254**

treatment plant to the north, and residential areas to the west. Current Zoning and Land Use: This site is currently vacant, and is zoned for commercial use. Past Use of the Site: This site was formerly the Roblin Steel Company Scrap Metal Yard and Scrap Processing Facility, until it was acquired by a new owner in 1988. In 1988 DEC investigated a report of a transformer oil spill at this site. They found open and upset transformer casings and several areas of oil drenched soil in, and adjacent to, a small fenced area on the site. PCB contamination of soils was confirmed, with one location showing concentrations of 137,000 ppm of total PCBs. In response to NYSDEC's request, the USEPA conducted further sampling and issued a complaint to the owner. NYSDEC conducted a Remedial Investigation (RI) in 1992. The entire site was fenced at all access points. The RI determined that no migration into residential areas had occurred. The Record of Decision (ROD) was signed in 1994. Remedial Action was completed in 1997 in accordance with the ROD. Remedial activities completed included complete demolition of the abandoned site structures, asbestos abatement, removal and disposal of PCB contaminated soil, on-site consolidation of non-hazardous waste soil and debris, construction of an infiltration basin to control surface water run-off, installation of a clean soil cover over the entire site, and the planting and establishment of a grass cover over the entire site. During construction a total of 212 tons of contaminated soil was disposed of off-site at Modern Landfill in Lewiston, NY. Long-term Operation and Maintenance (O&M) of the site is in progress. The integrity of the clean soil cover over the consolidated fill is being monitored and groundwater quality is being assessed as part of O&M.

Env Problem:	Nature and Extent of Contamination: Prior to Remediation: The RI identified areas of PCB and heavy metals contamination in the wastes and shallow soils. No impacts to shallow groundwater has been observed. Post-Remediation: The site groundwater and cap are being monitored under the Department's long term O&M program
Health Problem:	Residential homes are located north and west of the site. Groundwater is not used as a drinking water source in the vicinity of the landfill. Exposures via drinking water are not expected because public water is supplied to the area. The site is fenced and posted to prevent trespassing and to reduce the potential for exposure. The site remedy which included excavation and off-site disposal of hazardous waste/soil and consolidation and capping of other contamination further reduces the potential for exposure.
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	1988
Disp Term:	present
Lat/Long:	42:49:00:0 / 78:50:24:0
Dell:	False
Record Add:	11/18/1999 12:00:00 PM
Record Upd:	11/18/1999 12:00:00 PM
Updated By:	INITIAL
Own Op:	Disp. Owner
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	ROBLIN STEEL COMPANY

LEHIGH INDUSTRIAL PARK (Continued) **1000554254**

Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: ZZ
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Not reported
Owner Company: Lehigh Industrial Park Inc.
Owner Address: 609 Ridge Road
Owner Addr2: Not reported
Owner City,St,Zip: Lackawanna, NY 14218
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: E
Owner Name: Not reported
Owner Company: ROBLIN STEEL COMPANY
Owner Address: 101 EAST AVE.
Owner Addr2: Not reported
Owner City,St,Zip: NORTH TONAWANDA, NY
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: NNN
Owner Name: Not reported
Owner Company: ROBLIN STEEL COMPANY
Owner Address: 101 EAST AVENUE
Owner Addr2: Not reported
Owner City,St,Zip: NORTH TONAWANDA, NY 14120
Owner Country: United States of America
Own Op: Owner
Sub Type: 05
Owner Name: Not reported
Owner Company: Lackawanna Islamic Mosque
Owner Address: 154 Wilkesbarre Street
Owner Addr2: Not reported
Owner City,St,Zip: Lackawanna, NY 14218
Owner Country: United States of America
HW Code: 915145
Waste Type: POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: NYD986967156
Cross Ref Type Code: 05
Cross Ref Type: EPA Site ID
Record Added Date: 11/18/1999 12:00:00 PM
Record Updated: 5/10/2001 4:31:00 PM
Updated By: REGTRANS

INST CONTROL:
Site Code: 58198
Control Name: Environmental Easement
HW Code: 915145
Control Code: J
Control Type: INST
Dt record added: 12/04/2012
Dt rec updated: 05/09/2016
Updated By: mfmoore
Site Code: 58198

LEHIGH INDUSTRIAL PARK (Continued) **1000554254**

Site Description: Location: The Lehigh Industrial Park site is located at 31 South Street in the City of Lackawanna, Erie County. The site is located in an urban area. Site Features: This site is vacant, grass covered land. It is bordered by train tracks and a rail yard to the east, industrial parcels to the south, the Erie County Sewer District #6 treatment plant to the north, and residential areas to the west. Current Zoning and Land Use: This site is currently vacant, and is zoned for commercial use. Past Use of the Site: This site was formerly the Roblin Steel Company Scrap Metal Yard and Scrap Processing Facility, until it was acquired by a new owner in 1988. In 1988 DEC investigated a report of a transformer oil spill at this site. They found open and upset transformer casings and several areas of oil drenched soil in, and adjacent to, a small fenced area on the site. PCB contamination of soils was confirmed, with one location showing concentrations of 137,000 ppm of total PCBs. In response to NYSDEC's request, the USEPA conducted further sampling and issued a complaint to the owner. NYSDEC conducted a Remedial Investigation (RI) in 1992. The entire site was fenced at all access points. The RI determined that no migration into residential areas had occurred. The Record of Decision (ROD) was signed in 1994. Remedial Action was completed in 1997 in accordance with the ROD. Remedial activities completed included complete demolition of the abandoned site structures, asbestos abatement, removal and disposal of PCB contaminated soil, on-site consolidation of non-hazardous waste soil and debris, construction of an infiltration basin to control surface water run-off, installation of a clean soil cover over the entire site, and the planting and establishment of a grass cover over the entire site. During construction a total of 212 tons of contaminated soil was disposed of off-site at Modern Landfill in Lewiston, NY. Long-term Operation and Maintenance (O&M) of the site is in progress. The integrity of the clean soil cover over the consolidated fill is being monitored and groundwater quality is being assessed as part of O&M.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: The RI identified areas of PCB and heavy metals contamination in the wastes and shallow soils. No impacts to shallow groundwater has been observed. Post-Remediation: The site groundwater and cap are being monitored under the Department's long term O&M program

Health Problem: Residential homes are located north and west of the site. Groundwater is not used as a drinking water source in the vicinity of the landfill. Exposures via drinking water are not expected because public water is supplied to the area. The site is fenced and posted to prevent trespassing and to reduce the potential for exposure. The site remedy which included excavation and off-site disposal of hazardous waste/soil and consolidation and capping of other contamination further reduces the potential for exposure.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1988
Disp Term: present
Lat/Long: 42:49:00:0 / 78:50:24:0
Dell: False
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 11/18/1999 12:00:00 PM

LEHIGH INDUSTRIAL PARK (Continued) **1000554254**

Updated By: INITIAL
Own Op: Disp. Owner
Sub Type: NNN
Owner Name: Not reported
Owner Company: ROBLIN STEEL COMPANY
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: ZZ
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Not reported
Owner Company: Lehigh Industrial Park Inc.
Owner Address: 609 Ridge Road
Owner Addr2: Not reported
Owner City,St,Zip: Lackawanna, NY 14218
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: E
Owner Name: Not reported
Owner Company: ROBLIN STEEL COMPANY
Owner Address: 101 EAST AVE.
Owner Addr2: Not reported
Owner City,St,Zip: NORTH TONAWANDA, NY
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: NNN
Owner Name: Not reported
Owner Company: ROBLIN STEEL COMPANY
Owner Address: 101 EAST AVENUE
Owner Addr2: Not reported
Owner City,St,Zip: NORTH TONAWANDA, NY 14120
Owner Country: United States of America
Own Op: Owner
Sub Type: 05
Owner Name: Not reported
Owner Company: Lackawanna Islamic Mosque
Owner Address: 154 Wilkesbarre Street
Owner Addr2: Not reported
Owner City,St,Zip: Lackawanna, NY 14218
Owner Country: United States of America
HW Code: 915145
Waste Type: POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: NYD986967156
Cross Ref Type Code: 05
Cross Ref Type: EPA Site ID
Record Added Date: 11/18/1999 12:00:00 PM
Record Updated: 5/10/2001 4:31:00 PM
Updated By: REGTRANS

Site Code: 58198
Control Name: O&M Plan
HW Code: 915145
Control Code: 33
Control Type: INST

LEHIGH INDUSTRIAL PARK (Continued) **1000554254**

Dt record added: 12/04/2012
Dt rec updated: 05/09/2016
Updated By: mfmoore
Site Code: 58198
Site Description: Location: The Lehigh Industrial Park site is located at 31 South Street in the City of Lackawanna, Erie County. The site is located in an urban area. Site Features: This site is vacant, grass covered land. It is bordered by train tracks and a rail yard to the east, industrial parcels to the south, the Erie County Sewer District #6 treatment plant to the north, and residential areas to the west. Current Zoning and Land Use: This site is currently vacant, and is zoned for commercial use. Past Use of the Site: This site was formerly the Roblin Steel Company Scrap Metal Yard and Scrap Processing Facility, until it was acquired by a new owner in 1988. In 1988 DEC investigated a report of a transformer oil spill at this site. They found open and upset transformer casings and several areas of oil drenched soil in, and adjacent to, a small fenced area on the site. PCB contamination of soils was confirmed, with one location showing concentrations of 137,000 ppm of total PCBs. In response to NYSDEC's request, the USEPA conducted further sampling and issued a complaint to the owner. NYSDEC conducted a Remedial Investigation (RI) in 1992. The entire site was fenced at all access points. The RI determined that no migration into residential areas had occurred. The Record of Decision (ROD) was signed in 1994. Remedial Action was completed in 1997 in accordance with the ROD. Remedial activities completed included complete demolition of the abandoned site structures, asbestos abatement, removal and disposal of PCB contaminated soil, on-site consolidation of non-hazardous waste soil and debris, construction of an infiltration basin to control surface water run-off, installation of a clean soil cover over the entire site, and the planting and establishment of a grass cover over the entire site. During construction a total of 212 tons of contaminated soil was disposed of off-site at Modern Landfill in Lewiston, NY. Long-term Operation and Maintenance (O&M) of the site is in progress. The integrity of the clean soil cover over the consolidated fill is being monitored and groundwater quality is being assessed as part of O&M.
Env Problem: Nature and Extent of Contamination: Prior to Remediation: The RI identified areas of PCB and heavy metals contamination in the wastes and shallow soils. No impacts to shallow groundwater has been observed. Post-Remediation: The site groundwater and cap are being monitored under the Department's long term O&M program
Health Problem: Residential homes are located north and west of the site. Groundwater is not used as a drinking water source in the vicinity of the landfill. Exposures via drinking water are not expected because public water is supplied to the area. The site is fenced and posted to prevent trespassing and to reduce the potential for exposure. The site remedy which included excavation and off-site disposal of hazardous waste/soil and consolidation and capping of other contamination further reduces the potential for exposure.
Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1988
Disp Term: present

LEHIGH INDUSTRIAL PARK (Continued) **1000554254**

Lat/Long: 42:49:00:0 / 78:50:24:0
Dell: False
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 11/18/1999 12:00:00 PM
Updated By: INITIAL
Own Op: Disp. Owner
Sub Type: NNN
Owner Name: Not reported
Owner Company: ROBLIN STEEL COMPANY
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: ZZ
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Not reported
Owner Company: Lehigh Industrial Park Inc.
Owner Address: 609 Ridge Road
Owner Addr2: Not reported
Owner City,St,Zip: Lackawanna, NY 14218
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: E
Owner Name: Not reported
Owner Company: ROBLIN STEEL COMPANY
Owner Address: 101 EAST AVE.
Owner Addr2: Not reported
Owner City,St,Zip: NORTH TONAWANDA, NY
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: NNN
Owner Name: Not reported
Owner Company: ROBLIN STEEL COMPANY
Owner Address: 101 EAST AVENUE
Owner Addr2: Not reported
Owner City,St,Zip: NORTH TONAWANDA, NY 14120
Owner Country: United States of America
Own Op: Owner
Sub Type: 05
Owner Name: Not reported
Owner Company: Lackawanna Islamic Mosque
Owner Address: 154 Wilkesbarre Street
Owner Addr2: Not reported
Owner City,St,Zip: Lackawanna, NY 14218
Owner Country: United States of America
HW Code: 915145
Waste Type: POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: NYD986967156
Cross Ref Type Code: 05
Cross Ref Type: EPA Site ID
Record Added Date: 11/18/1999 12:00:00 PM
Record Updated: 5/10/2001 4:31:00 PM
Updated By: REGTRANS

Site Code: 58198

LEHIGH INDUSTRIAL PARK (Continued) **1000554254**

Control Name: Site Management Plan
HW Code: 915145
Control Code: 32
Control Type: INST
Dt record added: 12/04/2012
Dt rec updated: 05/09/2016
Updated By: mfmoore
Site Code: 58198
Site Description: Location: The Lehigh Industrial Park site is located at 31 South Street in the City of Lackawanna, Erie County. The site is located in an urban area. Site Features: This site is vacant, grass covered land. It is bordered by train tracks and a rail yard to the east, industrial parcels to the south, the Erie County Sewer District #6 treatment plant to the north, and residential areas to the west. Current Zoning and Land Use: This site is currently vacant, and is zoned for commercial use. Past Use of the Site: This site was formerly the Roblin Steel Company Scrap Metal Yard and Scrap Processing Facility, until it was acquired by a new owner in 1988. In 1988 DEC investigated a report of a transformer oil spill at this site. They found open and upset transformer casings and several areas of oil drenched soil in, and adjacent to, a small fenced area on the site. PCB contamination of soils was confirmed, with one location showing concentrations of 137,000 ppm of total PCBs. In response to NYSDEC's request, the USEPA conducted further sampling and issued a complaint to the owner. NYSDEC conducted a Remedial Investigation (RI) in 1992. The entire site was fenced at all access points. The RI determined that no migration into residential areas had occurred. The Record of Decision (ROD) was signed in 1994. Remedial Action was completed in 1997 in accordance with the ROD. Remedial activities completed included complete demolition of the abandoned site structures, asbestos abatement, removal and disposal of PCB contaminated soil, on-site consolidation of non-hazardous waste soil and debris, construction of an infiltration basin to control surface water run-off, installation of a clean soil cover over the entire site, and the planting and establishment of a grass cover over the entire site. During construction a total of 212 tons of contaminated soil was disposed of off-site at Modern Landfill in Lewiston, NY. Long-term Operation and Maintenance (O&M) of the site is in progress. The integrity of the clean soil cover over the consolidated fill is being monitored and groundwater quality is being assessed as part of O&M.
Env Problem: Nature and Extent of Contamination: Prior to Remediation: The RI identified areas of PCB and heavy metals contamination in the wastes and shallow soils. No impacts to shallow groundwater has been observed. Post-Remediation: The site groundwater and cap are being monitored under the Department's long term O&M program
Health Problem: Residential homes are located north and west of the site. Groundwater is not used as a drinking water source in the vicinity of the landfill. Exposures via drinking water are not expected because public water is supplied to the area. The site is fenced and posted to prevent trespassing and to reduce the potential for exposure. The site remedy which included excavation and off-site disposal of hazardous waste/soil and consolidation and capping of other contamination further reduces the potential for exposure.
Dump: False
Structure: True
Lagoon: False

LEHIGH INDUSTRIAL PARK (Continued) **1000554254**

Landfill: False
Pond: False
Disp Start: 1988
Disp Term: present
Lat/Long: 42:49:00:0 / 78:50:24:0
Dell: False
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 11/18/1999 12:00:00 PM
Updated By: INITIAL
Own Op: Disp. Owner
Sub Type: NNN
Owner Name: Not reported
Owner Company: ROBLIN STEEL COMPANY
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: ZZ
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Not reported
Owner Company: Lehigh Industrial Park Inc.
Owner Address: 609 Ridge Road
Owner Addr2: Not reported
Owner City,St,Zip: Lackawanna, NY 14218
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: E
Owner Name: Not reported
Owner Company: ROBLIN STEEL COMPANY
Owner Address: 101 EAST AVE.
Owner Addr2: Not reported
Owner City,St,Zip: NORTH TONAWANDA, NY
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: NNN
Owner Name: Not reported
Owner Company: ROBLIN STEEL COMPANY
Owner Address: 101 EAST AVENUE
Owner Addr2: Not reported
Owner City,St,Zip: NORTH TONAWANDA, NY 14120
Owner Country: United States of America
Own Op: Owner
Sub Type: 05
Owner Name: Not reported
Owner Company: Lackawanna Islamic Mosque
Owner Address: 154 Wilkesbarre Street
Owner Addr2: Not reported
Owner City,St,Zip: Lackawanna, NY 14218
Owner Country: United States of America
HW Code: 915145
Waste Type: POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: NYD986967156
Cross Ref Type Code: 05
Cross Ref Type: EPA Site ID
Record Added Date: 11/18/1999 12:00:00 PM

LEHIGH INDUSTRIAL PARK (Continued) **1000554254**

Record Updated: 5/10/2001 4:31:00 PM
Updated By: REGTRANS

Site Code: 58198
Control Name: Landuse Restriction
HW Code: 915145
Control Code: 25
Control Type: INST
Dt record added: 12/04/2012
Dt rec updated: 05/09/2016
Updated By: mfmoore
Site Code: 58198
Site Description: Location: The Lehigh Industrial Park site is located at 31 South Street in the City of Lackawanna, Erie County. The site is located in an urban area. Site Features: This site is vacant, grass covered land. It is bordered by train tracks and a rail yard to the east, industrial parcels to the south, the Erie County Sewer District #6 treatment plant to the north, and residential areas to the west. Current Zoning and Land Use: This site is currently vacant, and is zoned for commercial use. Past Use of the Site: This site was formerly the Roblin Steel Company Scrap Metal Yard and Scrap Processing Facility, until it was acquired by a new owner in 1988. In 1988 DEC investigated a report of a transformer oil spill at this site. They found open and upset transformer casings and several areas of oil drenched soil in, and adjacent to, a small fenced area on the site. PCB contamination of soils was confirmed, with one location showing concentrations of 137,000 ppm of total PCBs. In response to NYSDEC's request, the USEPA conducted further sampling and issued a complaint to the owner. NYSDEC conducted a Remedial Investigation (RI) in 1992. The entire site was fenced at all access points. The RI determined that no migration into residential areas had occurred. The Record of Decision (ROD) was signed in 1994. Remedial Action was completed in 1997 in accordance with the ROD. Remedial activities completed included complete demolition of the abandoned site structures, asbestos abatement, removal and disposal of PCB contaminated soil, on-site consolidation of non-hazardous waste soil and debris, construction of an infiltration basin to control surface water run-off, installation of a clean soil cover over the entire site, and the planting and establishment of a grass cover over the entire site. During construction a total of 212 tons of contaminated soil was disposed of off-site at Modern Landfill in Lewiston, NY. Long-term Operation and Maintenance (O&M) of the site is in progress. The integrity of the clean soil cover over the consolidated fill is being monitored and groundwater quality is being assessed as part of O&M.
Env Problem: Nature and Extent of Contamination: Prior to Remediation: The RI identified areas of PCB and heavy metals contamination in the wastes and shallow soils. No impacts to shallow groundwater has been observed. Post-Remediation: The site groundwater and cap are being monitored under the Department's long term O&M program
Health Problem: Residential homes are located north and west of the site. Groundwater is not used as a drinking water source in the vicinity of the landfill. Exposures via drinking water are not expected because public water is supplied to the area. The site is fenced and posted to prevent trespassing and to reduce the potential for exposure. The site remedy which included excavation and off-site disposal of hazardous waste/soil and consolidation and capping of other

LEHIGH INDUSTRIAL PARK (Continued) **1000554254**

contamination further reduces the potential for exposure.
Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1988
Disp Term: present
Lat/Long: 42:49:00:0 / 78:50:24:0
Dell: False
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 11/18/1999 12:00:00 PM
Updated By: INITIAL
Own Op: Disp. Owner
Sub Type: NNN
Owner Name: Not reported
Owner Company: ROBLIN STEEL COMPANY
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: ZZ
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Not reported
Owner Company: Lehigh Industrial Park Inc.
Owner Address: 609 Ridge Road
Owner Addr2: Not reported
Owner City,St,Zip: Lackawanna, NY 14218
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: E
Owner Name: Not reported
Owner Company: ROBLIN STEEL COMPANY
Owner Address: 101 EAST AVE.
Owner Addr2: Not reported
Owner City,St,Zip: NORTH TONAWANDA, NY
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: NNN
Owner Name: Not reported
Owner Company: ROBLIN STEEL COMPANY
Owner Address: 101 EAST AVENUE
Owner Addr2: Not reported
Owner City,St,Zip: NORTH TONAWANDA, NY 14120
Owner Country: United States of America
Own Op: Owner
Sub Type: 05
Owner Name: Not reported
Owner Company: Lackawanna Islamic Mosque
Owner Address: 154 Wilkesbarre Street
Owner Addr2: Not reported
Owner City,St,Zip: Lackawanna, NY 14218
Owner Country: United States of America
HW Code: 915145
Waste Type: POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported

LEHIGH INDUSTRIAL PARK (Continued) **1000554254**

Crossref ID: NYD986967156
Cross Ref Type Code: 05
Cross Ref Type: EPA Site ID
Record Added Date: 11/18/1999 12:00:00 PM
Record Updated: 5/10/2001 4:31:00 PM
Updated By: REGTRANS

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: LEHIGH INDUSTRIAL PARK
Facility address: 31 SOUTH ST
LACKAWANNA, NY 14218-2525
EPA ID: NYD986967156
Mailing address: WOLF RD ROOM 222
ALBANY, NY 12202
Contact: Not reported
Contact address: WOLF RD ROOM 222
ALBANY, NY 12202
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: LEHIGH INDUSTRIAL PARK CORP
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: LEHIGH INDUSTRIAL PARK CORP
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No

LEHIGH INDUSTRIAL PARK (Continued) **1000554254**

Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency: 01/01/2006
Site name: LEHIGH INDUSTRIAL PARK
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: LEHIGH INDUSTRIAL PARK
Classification: Not a generator, verified

Date form received by agency: 03/02/1998
Site name: NYSDEC/REMEDIAL SITE
Classification: Large Quantity Generator

Date form received by agency: 05/10/1993
Site name: LEHIGH INDUSTRIAL PARK
Classification: Large Quantity Generator

. Waste code: X002
. Waste name: POLYCHLORINATED BIPHENOLS (PCBs)

Violation Status: No violations found

J52 **DINAIRE CORP** **RCRA NonGen / NLR** **1000146943**
SSE **601 OHIO ST** **FINDS** **NYD002107183**
1/8-1/4 **BUFFALO, NY 14203** **ECHO**
0.211 mi. **NY MANIFEST**
1116 ft. **Site 1 of 2 in cluster J**

Relative: **Lower**

Actual: **582 ft.**

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007
Facility name: DINAIRE CORP
Facility address: 601 OHIO ST
BUFFALO, NY 14203
EPA ID: NYD002107183
Mailing address: OHIO ST
BUFFALO, NY 14203
Contact: Not reported
Contact address: OHIO ST
BUFFALO, NY 14203
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator

DINAIRE CORP (Continued) **1000146943**

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: SAME
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: SAME
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: DINAIRE CORP
Classification: Not a generator, verified

Date form received by agency: 07/14/1999
Site name: DINAIRE CORP
Classification: Small Quantity Generator

Date form received by agency: 03/23/1994

DINAIRE CORP (Continued) **1000146943**

Site name: DIAIRE CORP
Classification: Large Quantity Generator

Date form received by agency: 02/25/1992
Site name: DINAIRE CORP
Classification: Large Quantity Generator

Date form received by agency: 09/09/1981
Site name: DINAIRE CORP
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 06/02/1997
Date achieved compliance: 07/15/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/02/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 10/31/1988
Date achieved compliance: 12/21/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/16/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 04/23/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 07/15/1997
Evaluation lead agency: State

DINAIRE CORP (Continued) **1000146943**

Evaluation date: 10/31/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/21/1988
Evaluation lead agency: State

FINDS:

Registry ID: 110001141997

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000146943
Registry ID: 110001141997
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110001141997

NY MANIFEST:
Country: USA
EPA ID: NYD002107183
Facility Status: Not reported
Location Address 1: 601 OHIO STREET
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BUFFALO
Location State: NY
Location Zip: 14203
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD002107183
Mailing Name: DINAIRE CORPORATION
Mailing Contact: CINDY JACKSON
Mailing Address 1: 145 GRUNER STREET
Mailing Address 2: Not reported

DINAIRE CORP (Continued) **1000146943**

Mailing City:	BUFFALO
Mailing State:	NY
Mailing Zip:	14227
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7168456750

NY MANIFEST:

Document ID:	NYG1114029
Manifest Status:	Not reported
seq:	01
Year:	1999
Trans1 State ID:	41060RNY
Trans2 State ID:	Not reported
Generator Ship Date:	07/08/1999
Trans1 Recv Date:	07/08/1999
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/12/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD002107183
Trans1 EPA ID:	NYD097644801
Trans2 EPA ID:	Not reported
TSDF ID 1:	OHD001926740
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	F003 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00055
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

J53 **STATION 17** **NY Spills** **1000413613**
SSE **600 OHIO ST** **RCRA NonGen / NLR** **NYD980783187**
1/8-1/4 **BUFFALO, NY 14203** **FINDS**
0.218 mi. **ECHO**
1153 ft. **Site 2 of 2 in cluster J** **NY MANIFEST**

Relative:
Lower

Actual:
580 ft.

SPILLS:

Facility ID:	0305746
Facility Type:	ER
Spill Number:	0305746
DER Facility ID:	252809
Site ID:	313555
DEC Region:	9
Closed Date:	2003-10-17
Spill Cause:	Human Error
Spill Class:	C3
SWIS:	1502
Spill Date:	2003-08-29
Investigator:	MXFRANKS
Referred To:	Not reported
Reported to Dept:	2003-08-29
CID:	199
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	2003-08-30
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-08-29
Spill Record Last Update:	2003-10-17
Spiller Name:	KEN FRANK
Spiller Company:	LAKE ERIE RECYCLING
Spiller Address:	127 FILLMORE AV
Spiller Company:	001
Contact Name:	KEN FRANK
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MF 08/29/03: MF S/I/KE FRANK, MIKE SHEEHAN, ZACHERY WHITESIDE, LAKE ERIE RECYCLING/MICHAEL PODOWA, NORN KLOC, 686-9452, RYDER TRUCK/ BFD/RUSINIAK, TOW TRUCK. RYDER TRUCK LEASED BY LAKE ERIE RECYCLING TIPPED OVER & SPILLED ITS LOAD OF NON-FERRIS METAL. IT ALSO LOST APPX 10 GALLONS OF ENGINE OIL, HYDRAULIC OIL & DIESEL. SPEEDY DRY & PADS APPLIED. TRUCK RIGHTED & TOWED AWAY. LAKE ERIE SWEEPING SPEEDY DRY. 08/30/03: MF S/I AREA CLEANED. 09/02/03: MF VISIT TO LAKE ERIE RECYCLING. MET WITH KEN FRANK & MIKE SHEEHAN. 3-55 GALLON DRUMS OF SPEEDY DRY STAGED. BILL HEITZINRATTER HIRED TO DISPOSE OF. 1ST DISPOSAL LETTER SENT, DUE 10/31/03. 09/30/03: MF PICKED UP DISPOSAL RECEIPT FROM MIKE SHEEHAN & KEN FRANK AT LAKE ERIE RECYCLING. NO FURTHER ACTION NECESSARY."
Remarks:	"TRUCK TRYING TO MAKE A TURN DUMPED A LOAD ACCORDING TO FIRE CH ON THE SCENE - ***FIRE DEPT ON SCENE REQ A RESPONCE FROM DEC ***"

All Materials:

Site ID:	313555
Operable Unit ID:	872329
Operable Unit:	01
Material ID:	502987
Material Code:	0008

STATION 17 (Continued) **1000413613**

Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported
Site ID:	313555
Operable Unit ID:	872329
Operable Unit:	01
Material ID:	502988
Material Code:	0015
Material Name:	motor oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported
Facility ID:	0407317
Facility Type:	ER
Spill Number:	0407317
DER Facility ID:	266637
Site ID:	331507
DEC Region:	9
Closed Date:	2004-12-20
Spill Cause:	Other
Spill Class:	Not reported
SWIS:	1502
Spill Date:	2004-10-01
Investigator:	FXGALLEG
Referred To:	Not reported
Reported to Dept:	2004-10-01
CID:	403
Water Affected:	Not reported
Spill Source:	Railroad Car
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-10-01
Spill Record Last Update:	2004-12-20
Spiller Name:	LISA VISCO
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	LISA VISCO
DEC Memo:	"12/20/04 THIS SPILL HAPPENED IN OCTOBER 2004. NIMO NOTIFIED THE HOTLINE BUT THE HOTLINE NEVER FAXED IT TO BUFFALO. WE RECENTLY NOTICED THE SPILL ON THE DATA BASE. NIMO INDICATED THEY CLEANED UP THE SPILL AND DISPOSED OF THE DEBRIS. A DISPOSAL RECEIPT WAS

STATION 17 (Continued) **1000413613**

PROVIDED. NIMO INDICATED THAT THE ESTIMATE OF SPILLAGE IS AN OVERESTIMATE. THE ACTUAL AMOUNT WAS MUCH SMALLER. THE MATERIAL SPILLED ONTO A CONCRETE PAD WITH SOME SPILLAGE ONTO GRAVEL AND SOIL. THE CONCRETE PAD WAS WIPED UP AND THE GRAVEL AND SOIL WAS EXCAVATED. FG INSPECTED THE PROPERTY AND FOUND NO FREE PRODUCT. THE CONCRETE PAD WAS STAINED. THIS IS A SUBSTATION THAT HAS BEEN AT THIS SITE FOR MANY YEARS. DUE TO THE LACK OF NOTIFICATION FROM THE HOTLINE, WE WERE UNABLE TO INSPECT THE SITE WHEN IT HAPPENED. NO FURTHER WORK IS NECESSARY. THE SPILL SITE IS CLOSED."

Remarks: "transformer failure.on stone and concrete.will be cleaned up"

All Materials:

Site ID:	331507
Operable Unit ID:	1094024
Operable Unit:	01
Material ID:	574128
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	50.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Facility ID:	0705191
Facility Type:	ER
Spill Number:	0705191
DER Facility ID:	266637
Site ID:	385478
DEC Region:	9
Closed Date:	2008-02-07
Spill Cause:	Equipment Failure
Spill Class:	D4
SWIS:	1502
Spill Date:	2007-08-06
Investigator:	fxgalleg
Referred To:	Not reported
Reported to Dept:	2007-08-06
CID:	408
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2007-08-06
Spill Record Last Update:	2008-02-07
Spiller Name:	LISA MONTSANO
Spiller Company:	SUB STATION #42
Spiller Address:	600 OHIO ST
Spiller Company:	001
Contact Name:	LISA MONTSANO
DEC Memo:	"8/7/07 MINOR SPILL HAS BEEN CLEANED UP BY NATIONAL GRID STAFF. FG

STATION 17 (Continued) **1000413613**

SPOKE TO LISA MONTESANO. SHE SAID TWO DRUMS OF DEBRIS WERE REMOVED BY STAFF AND A DISPOSAL RECEIPT WILL BE PROVIDED. 2/7/08 RECD THE DISPOSAL RECPT. SITE IS CLOSED. "

Remarks: "NON PCB; CLEAN UP CREW IN ROUTE FOR CLEAN UP;"

All Materials:

Site ID:	385478
Operable Unit ID:	1142746
Operable Unit:	01
Material ID:	2132988
Material Code:	2630
Material Name:	mineral oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	STATION 17
Facility address:	600 OHIO ST BUFFALO, NY 14203-3120
EPA ID:	NYD980783187
Mailing address:	ERIE BLVD W SYRACUSE, NY 13202
Contact:	Not reported
Contact address:	ERIE BLVD W SYRACUSE, NY 13202
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	Not reported
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	Not reported
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212

STATION 17 (Continued) **1000413613**

Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: STATION 17
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: STATION 17
Classification: Not a generator, verified

Date form received by agency: 02/20/1998
Site name: NIAGARA MOHAWK POWER CORP
Classification: Large Quantity Generator

Date form received by agency: 11/20/1984
Site name: STATION 17
Classification: Large Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: X002
. Waste name: POLYCHLORINATED BIPHENOLS (PCBs)

Violation Status: No violations found

FINDS:

Registry ID: 110004392568

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

STATION 17 (Continued) **1000413613**

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000413613
Registry ID:	110004392568
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004392568

NY MANIFEST:

Country:	USA
EPA ID:	NYD980783187
Facility Status:	Not reported
Location Address 1:	600 OHIO ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BUFFALO
Location State:	NY
Location Zip:	14203
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD980783187
Mailing Name:	NIAGARA MOHAWK POWER CORP - STATION 17
Mailing Contact:	JOHN TOENNIES
Mailing Address 1:	300 ERIE BLVD WEST
Mailing Address 2:	Not reported
Mailing City:	SYRACUSE
Mailing State:	NY
Mailing Zip:	13202
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	3154741511

NY MANIFEST:

Document ID:	NYB8023761
Manifest Status:	K
seq:	Not reported
Year:	1997
Trans1 State ID:	K97656ME
Trans2 State ID:	Not reported
Generator Ship Date:	06/30/1997
Trans1 Recv Date:	06/30/1997
Trans2 Recv Date:	/ /
TSD Site Recv Date:	07/01/1997
Part A Recv Date:	07/15/1997
Part B Recv Date:	08/04/1997
Generator EPA ID:	NYD980783187
Trans1 EPA ID:	OHD987056751
Trans2 EPA ID:	Not reported

STATION 17 (Continued) **1000413613**

TSDF ID 1:	OHD981100969
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	04632
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

54
SE
1/8-1/4
0.223 mi.
1176 ft.

GELINMAC STORAGE CORP.
60 CHILD STREET
BUFFALO, NY 14203

NY CBS **S102640707**
NY CBS AST **N/A**

Relative:
Lower

Actual:
580 ft.

CBS:

CBS Number:	9-000384
Program Type:	CBS
Facility Status:	Unregulated/Closed
Expiration Date:	Not reported
Dec Region:	9
UTMX:	285444.65876
UTMY:	4781196.26732

CBS AST:

CBS Number:	9-000384
ICS Number:	Not reported
PBS Number:	Not reported
MOSF Number:	Not reported
SPDES Number:	Not reported
Facility Status:	IN SERVICE
Facility Type:	D
Telephone:	(716) 854-5829
Facility Town:	BUFFALO (C)
Region:	STATE

GELINMAC STORAGE CORP. (Continued) **S102640707**

Expiration Date:	10/24/2000
Total Capacity of All Active Tanks(gal):	0
Operator:	GLENN A. CASTEK
Emergency Contact:	GLENN A. CASTEK
Emergency Phone:	(716) 283-1701
Owner Name:	GELINMAC STORAGE CORP.
Owner Address:	60 CHILD STREET
Owner City,St,Zip:	BUFFALO, NY 14203
Owner Telephone:	(716) 854-5829
Owner Type:	Corporate/Commercial
Owner Sub Type:	Not reported
Mail Name:	GELINMAC STORAGE CORP.
Mail Contact Addr:	60 CHILD STREET
Mail Contact Addr2:	Not reported
Mail Contact Contact:	GLENN A. CASTEK
Mail Contact City,St,Zip:	BUFFALO, NY 14203
Mail Phone:	(716) 854-5829

Tank Id:	2
CAS Number:	7722647
Federal ID:	Not reported
Tank Status:	0
Install Date:	10/96
Tank Closed:	00/00
Capacity (Gal):	1100
Chemical:	Potassium permanganate
Tank Location:	Indoors, Aboveground
Tank Type:	Fiberglass reinforced plastic [FRP]
Total Tanks:	0
Tank Secret:	False
Tank Secondary Containment:	Vault
Tank Error Status:	No Missing Data
Date Entered:	10/21/1996
Certified Date:	09/29/1998
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	None,None
Pipe Location:	Aboveground
Pipe Type:	Double Walled Fiberglass
Pipe Internal:	None
Pipe External:	00
Pipe Flag:	00
Leak Detection:	00
Overfill Protection:	00
Haz Percent:	10
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	1402
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	Not reported
Is It There:	False
Delinquent:	False
Date Expired:	Not reported
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True

GELINMAC STORAGE CORP. (Continued) **S102640707**

Renewal Has Been Printed for Facility: True
Pre-Printed Renewal App Last Printed: 07/05/2000

Tank Id: 1
CAS Number: 1310732
Federal ID: Not reported
Tank Status: 0
Install Date: 10/96
Tank Closed: 00/00
Capacity (Gal): 1100
Chemical: Sodium hydroxide
Tank Location: Indoors, Aboveground
Tank Type: Fiberglass reinforced plastic [FRP]
Total Tanks: 0
Tank Secret: False
Tank Secondary Containment: Vault
Tank Error Status: No Missing Data
Date Entered: 10/21/1996
Certified Date: 09/29/1998
Substance: Single Hazardous Substance on DEC List
Internal Protection: None
External Protection: None,None
Pipe Location: Aboveground
Pipe Type: Double Walled Fiberglass
Pipe Internal: None
Pipe External: 00
Pipe Flag: 00
Leak Detection: 00
Overfill Protection: 00
Haz Percent: 20
Last Test: Not reported
Due Date: Not reported
SWIS Code: 1402
Lat/Long: Not reported
Is Updated: False
Renew Date: Not reported
Is It There: False
Delinquent: False
Date Expired: Not reported
Owner Mark: 1
Certificate Needs to be Printed: False
Fiscal Amt for Registration Fee Correct: True
Renewal Has Been Printed for Facility: True
Pre-Printed Renewal App Last Printed: 07/05/2000

---

55 **CONCRETE DELIVERY CO INC** **NY UST** **U003316822**
South **751 FUHRMANN BLVD** **N/A**
1/8-1/4 **BUFFALO, NY 14203**
0.235 mi.
1239 ft.

Relative: UST:
Higher
Id/Status: 9-079588 / Unregulated/Closed
Actual: Program Type: PBS
589 ft. Region: STATE
DEC Region: 9
Expiration Date: N/A

CONCRETE DELIVERY CO INC (Continued) **U003316822**

UTM X:	183725.31932
UTM Y:	4752516.79285
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	52621
Affiliation Type:	Facility Owner
Company Name:	CONCRETE DELIVERY CO INC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	7 NORTH STEELAWANNA AVE
Address2:	Not reported
City:	LACKAWANNA
State:	NY
Zip Code:	14218
Country Code:	001
Phone:	(716) 825-1234
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	52621
Affiliation Type:	Mail Contact
Company Name:	CONCRETE DELIVERY CO INC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	7 NORTH STEELAWANNA AVE
Address2:	Not reported
City:	LACKAWANNA
State:	NY
Zip Code:	14218
Country Code:	001
Phone:	(716) 825-1234
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	52621
Affiliation Type:	Facility Operator
Company Name:	CONCRETE DELIVERY CO INC
Contact Type:	Not reported
Contact Name:	ANTHONY ESPOSITO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(716) 825-1234
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	52621
Affiliation Type:	Emergency Contact

CONCRETE DELIVERY CO INC (Continued) **U003316822**

Company Name:	CONCRETE DELIVERY CO INC
Contact Type:	Not reported
Contact Name:	GORDON BARTEN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(716) 652-5731
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	169355
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	09/01/1975
Date Tank Closed:	10/01/1987
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None

Tank Number:	002
Tank ID:	169356
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	09/01/1975
Date Tank Closed:	10/01/1987
Registered:	True

CONCRETE DELIVERY CO INC (Continued) **U003316822**

Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None

Tank Number: 003
Tank ID: 169357
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 09/01/1975
Date Tank Closed: 10/01/1987
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None

K56 **WEST RIVER TRUCKING** **TX Ind. Haz Waste** **S102746061**
North **333 GANSON ST** **N/A**
1/8-1/4 **BUFFALO, NY 14203**
0.238 mi.
1256 ft. **Site 1 of 6 in cluster K**

Relative:
Lower

Actual:
582 ft.

Ind. Haz Waste:

Registration Number:	40697
Registration Initial Notification Date:	03/05/1985
Registration Last Amendment Date:	07/26/2001
EPA Identification:	NYD980787667
Primary NAICS Code:	484121
Status Change Date:	19850305
Land Type:	Not reported
Description of Facility Site Location:	Not reported
Site Primary Standard Industrial Code:	Not reported
Site Primary SIC Description:	Not reported
Registration is Generator of Waste:	No
Registration is Receivers of Waste:	No
Registration is Transporter of Waste:	Yes
Registration is Transfer Facility:	No
Facility is STEERS Reporter:	No
Reqired to Submit Annual Waste Summary:	No
Facility Involved In Recycling:	No
Revcr Has Monthly Reporting Requirement:	0
Mexican Facility:	Not reported
Type of Generator:	Not reported
TNRCC Region:	Not reported
Company Name:	WEST RIVER TRUCKING CO INC
Contact Name:	CHARLES R MANAGER
Contact Telephone Number:	716-8568881
Mailing Address:	333 GANSON ST
Mailing Address2:	Not reported
Mailing City,St,Zip:	BUFFALO, NY 142033029
Mailing County:	UNITED STATES
Facility Country:	UNITED STATES
TNRCC Facility ID:	17112
Site Owner Tax ID:	0
Site Location Latitude:	-00.000
Site Location Longitude:	-000.000
Last Update to NOR Data:	20040310
Ind. waste permit Number:	Not reported
Mun waste permit Number:	Not reported
Non Notifier:	No

Business Records Not Found for this RegNo/Year:

Owner:

Owner Mailing Address:	333 GANSON ST
Owner Mailing Address2:	Not reported
Owner Mailing Address3:	Not reported
Owner City,St,Zip:	BUFFALO, NY 14203 3029
Owner Country:	UNITED STA
Owner Phone Number:	1-716-8568881
Owner Fax Number:	Not reported
Owner Email Address:	Not reported
Owner Business Type:	Unknown
Owner Tax Id:	Not reported
Owner Bankruptcy Code:	Not reported

WEST RIVER TRUCKING (Continued) **S102746061**

Operator:
- Operator Last Name: WEST RIVER TRUCKING CO INC
- Operator First Name: Not reported
- Operator Name: WEST RIVER TRUCKING CO INC
- Operator Mailing Address: 333 GANSON ST
- Operator Mailing Address 2: Not reported
- Operator Mailing City,St,Zip: BUFFALO, NY 14203 3029
- Operator Country: UNITED STA
- Operator Phone: 1-716-8568881
- Operator Fax: Not reported
- Operator Email: Not reported
- Operator Business Type: Unknown
- Operator Tax Id: Not reported
- Operator Bankruptcy Code: Not reported

Contact:
- Contact Name: Not reported
- Contact Title: Not reported
- Contact Role: OWNCON
- Contact Address: 333 GANSON ST
- Contact Address2: Not reported
- Conact City,St,Zip: BUFFALO, NY 14203 3029
- Contact Phone: 1-716-8568881
- Contact Fax: Not reported
- Contact Email: Not reported

Contact:
- Contact Name: CHARLES R MANAGER
- Contact Title: ENVIRONMENTAL MANAGER
- Contact Role: PRICONT
- Contact Address: 333 GANSON ST
- Contact Address2: Not reported
- Conact City,St,Zip: BUFFALO, NY 14203 3029
- Contact Phone: 1-716-8568881
- Contact Fax: Not reported
- Contact Email: Not reported

Contact:
- Contact Name: Not reported
- Contact Title: Not reported
- Contact Role: OPRCON
- Contact Address: 333 GANSON ST
- Contact Address2: Not reported
- Conact City,St,Zip: BUFFALO, NY 14203 3029
- Contact Phone: 1-716-8568881
- Contact Fax: Not reported
- Contact Email: Not reported

Contact:
- Contact Name: Not reported
- Contact Title: ENVIRONMENTAL MANAGER
- Contact Role: PRICONT
- Contact Address: 333 GANSON ST
- Contact Address2: Not reported
- Conact City,St,Zip: BUFFALO, NY 14203 3029
- Contact Phone: 1-716-8568881
- Contact Fax: Not reported
- Contact Email: Not reported

WEST RIVER TRUCKING (Continued) **S102746061**

Unit Records Not Found for this RegNo/Year:

One Time Shipper Records Not Found for this RegNo/Year:

Receiver Type:	Not reported
Transporter for hire:	1
Transport own waste:	0
Eq 01, if transport waste type = 1:	Not reported
Eq 02, if transport waste type = 2:	Not reported
Eq 03, if transport waste type = 3:	Not reported
Eq 04, if transport waste type = H:	04
Target TCEQ unique facid for discarded(merged) facility:	Not reported

Waste Records Not Found for this RegNo/Year:

K57 **WEST RIVER TRUCKING CO INC** **NY SWF/LF** **1000393646**
North **333 GANSON ST** **NY SWTIRE** **NYD980787667**
1/8-1/4 **BUFFALO, NY 14203** **RCRA NonGen / NLR**
0.238 mi. **NY MANIFEST**
1256 ft. **Site 2 of 6 in cluster K**

Relative: **Lower**

Actual: **582 ft.**

SWF/LF:

Flag:	INACTIVE
Region Code:	9
Phone Number:	7168478473
Owner Name:	Integrated Tire; Inc.
Owner Type:	Private
Owner Address:	333 GansonStreet
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Waste tire storage - permit
Activity Number:	[15K12]
Active:	No
East Coordinate:	183578
North Coordinate:	4753713
Accuracy Code:	4.2 - Utilization of GIS and existing spatial data
Regulatory Status:	Permit
Waste Type:	Not reported
Authorization #:	9-1402-00619/00002
Authorization Date:	06/30/2003
Expiration Date:	07/31/2008
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

Flag:	ACTIVE
Region Code:	9
Phone Number:	7168478473
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported

WEST RIVER TRUCKING CO INC (Continued) **1000393646**

Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Waste tire storage - permit
Activity Number:	[K]
Active:	Yes
East Coordinate:	Not reported
North Coordinate:	Not reported
Accuracy Code:	Not reported
Regulatory Status:	Permit
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

SWTIRE:

Contact Name:	Not reported
No of Tire:	Not reported
Concerns:	Not reported
Compliance Status:	Not reported
Facility Status:	Not reported
Region:	9
East Coordinate:	Not reported
North Coordinate:	Not reported
Contact Address:	Not reported
Contact Address2:	Not reported
Contact City:	Not reported
Contact State:	Not reported
Contact Zip:	Not reported
Contact Email:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address2:	Not reported
Owner City:	Not reported
Owner State:	Not reported
Owner Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Activity Desc:	Waste tire storage - permit
Activity Number:	[K]
Active:	Yes
Accuracy Code:	Not reported
Waste Types:	Not reported
Regulatory Status:	Permit

WEST RIVER TRUCKING CO INC (Continued) **1000393646**

Authorization Number: Not reported
Authorization Issue Date: Not reported
Expiration Date: Not reported
Date of Last Inspection: Not reported

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: WEST RIVER TRUCKING CO INC
Facility address: 333 GANSON ST
BUFFALO, NY 14203
EPA ID: NYD980787667
Mailing address: GANSON ST
BUFFALO, NY 14203
Contact: ARTHUR MCDONOUGH
Contact address: GANSON ST
BUFFALO, NY 14203
Contact country: US
Contact telephone: 716-856-8881
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No

WEST RIVER TRUCKING CO INC (Continued) **1000393646**

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: WEST RIVER TRUCKING CO INC
Classification: Not a generator, verified

Date form received by agency: 02/27/1985
Site name: WEST RIVER TRUCKING CO INC
Classification: Unverified

. Waste code: F020
. Waste name: WASTES (EXCEPT WASTEWATER AND SPENT CARBON FROM HYDROGEN CHLORIDE PURIFICATION) FROM THE PRODUCTION OR MANUFACTURING USE (AS A REACTANT, CHEMICAL INTERMEDIATE, OR COMPONENT IN A FORMULATING PROCESS) OF TRI- OR TETRACHLOROPHENOL, OR OF INTERMEDIATES USED TO PRODUCE THEIR PESTICIDE DERIVATIVES. (THIS LISTING DOES NOT INCLUDE WASTES FROM THE PRODUCTION OF HEXACHLOROPHENE FROM HIGHLY PURIFIED 2,4,5-TRICHLOROPHENOL).

. Waste code: F022
. Waste name: WASTES (EXCEPT WASTEWATER AND SPENT CARBON FROM HYDROGEN CHLORIDE PURIFICATION) FROM THE MANUFACTURING USE (AS A REACTANT, CHEMICAL INTERMEDIATE, OR COMPONENT IN A FORMULATING PROCESS) OF TETRA-, PENTA-, OR HEXACHLOROBENZENES UNDER ALKALINE CONDITIONS.

. Waste code: F023
. Waste name: WASTES (EXCEPT WASTEWATER AND SPENT CARBON FROM HYDROGEN CHLORIDE PURIFICATION) FROM THE PRODUCTION OF MATERIALS ON EQUIPMENT PREVIOUSLY USED FOR THE PRODUCTION OR MANUFACTURING USE (AS A REACTANT, CHEMICAL INTERMEDIATE, OR COMPONENT IN A FORMULATING PROCESS) OF TRI- AND TETRACHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE WASTES FROM EQUIPMENT USED ONLY FOR THE PRODUCTION OR USE OF HEXACHLOROPHENE FROM HIGHLY PURIFIED 2,4,5-TRICHLOROPHENOL).

. Waste code: F026
. Waste name: WASTES (EXCEPT WASTEWATER AND SPENT CARBON FROM HYDROGEN CHLORIDE PURIFICATION) FROM THE PRODUCTION OF MATERIALS ON EQUIPMENT PREVIOUSLY USED FOR THE MANUFACTURING USE (AS A REACTANT, CHEMICAL INTERMEDIATE, OR COMPONENT IN A FORMULATING PROCESS) OF TETRA-, PENTA-, OR HEXACHLOROBENZENE UNDER ALKALINE CONDITIONS.

. Waste code: F027
. Waste name: DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYTHESIZED FROM

WEST RIVER TRUCKING CO INC (Continued) **1000393646**

PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT).

. Waste code: F028
. Waste name: RESIDUES RESULTING FROM THE INCINERATION OR THERMAL TREATMENT OF SOIL CONTAMINATED WITH EPA HAZARDOUS WASTE NOS. F020, F021, F022, F023, F026, AND F027.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 12/29/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

NY MANIFEST:
Country: USA
EPA ID: NYD980787667
Facility Status: Not reported
Location Address 1: 2730 TRANSIT RD.
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BUFFALO
Location State: NY
Location Zip: 14224
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD980787667
Mailing Name: WEST RIVER TRUCKING CO.
Mailing Contact: WEST RIVER TRUCKING CO.
Mailing Address 1: 333 GANSON STREET
Mailing Address 2: Not reported
Mailing City: BUFFALO
Mailing State: NY
Mailing Zip: 14203
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7168568881

NY MANIFEST:
Document ID: NYA3507974
Manifest Status: K
seq: Not reported
Year: 1986
Trans1 State ID: 79620ILL
Trans2 State ID: Not reported
Generator Ship Date: 03/28/1986
Trans1 Recv Date: 03/28/1986
Trans2 Recv Date: / /
TSD Site Recv Date: 03/31/1986
Part A Recv Date: 05/08/1986
Part B Recv Date: 05/08/1986
Generator EPA ID: NYD980787667
Trans1 EPA ID: ILD980794960

WEST RIVER TRUCKING CO INC (Continued) **1000393646**

Trans2 EPA ID:	Not reported
TSDF ID 1:	MOD980973556
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	B006 - PCB TRANSFORMERS WITH 500 PPM OR > PCB
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	07500
Units:	P - Pounds
Number of Containers:	001
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

K58 **WEST RIVER TRUCKING CO INC** **RCRA NonGen / NLR** **1000261719**
North **333 GANSON ST** **FINDS** **NYD981087232**
1/8-1/4 **BUFFALO, NY 14203** **ECHO**
0.238 mi.
1256 ft. **Site 3 of 6 in cluster K**

Relative:
Lower

Actual:
582 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	ENVIROSURE MANAGEMENT CORP
Facility address:	333 GANSON ST BUFFALO, NY 14203
EPA ID:	NYD981087232
Mailing address:	GANSON ST BUFFALO, NY 14203
Contact:	KIM COOPER
Contact address:	GANSON ST BUFFALO, NY 14203
Contact country:	US
Contact telephone:	716-854-3611
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

WEST RIVER TRUCKING CO INC (Continued) **1000261719**

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: ENVIROSURE MANAGEMENT CORP
Classification: Not a generator, verified

Date form received by agency: 07/22/1985
Site name: ENVIROSURE MANAGEMENT CORP
Classification: Unverified

. Waste code: X003
. Waste name: OTHER STATE REGULATED WASTES [i.e., DIESEL FUEL, GASOLINE AND HOME HEATING OIL]

WEST RIVER TRUCKING CO INC (Continued) **1000261719**

Violation Status: No violations found

FINDS:

Registry ID: 110001588416

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

Registry ID: 110009466336

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110009471188

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110009471721

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000261719
Registry ID: 110009471188
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009471188

WEST RIVER TRUCKING CO INC (Continued) **1000261719**

Envid: 1000261719
Registry ID: 110009466336
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009466336

Envid: 1000261719
Registry ID: 110009471721
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009471721

Envid: 1000261719
Registry ID: 110001588416
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110001588416

K59 **ONTARIO SPECIALITY CONTRACTING, INC.** **NY AST** **A100326176**
North **333 GANSON STREET** **N/A**
1/8-1/4 **BUFFALO, NY 14203**
0.238 mi.
1256 ft. **Site 4 of 6 in cluster K**

Relative:
Lower

Actual:
582 ft.

AST:
Region: STATE
DEC Region: 9
Site Status: Unregulated/Closed
Facility Id: 9-601082
Program Type: PBS
UTM X: 183643.24898
UTM Y: 4753455.51341
Expiration Date: N/A
Site Type: Other

Affiliation Records:
Site Id: 412019
Affiliation Type: Facility Owner
Company Name: JON WILLIAMS
Contact Type: HEALTH, SAFETY AND ENVIRONMENT DIRECTOR
Contact Name: MIKE LABOSKI
Address1: 333 GANSON STREET
Address2: Not reported
City: BUFFALO
State: NY
Zip Code: 14203
Country Code: 001
Phone: (716) 570-1521
EMail: Not reported
Fax Number: Not reported
Modified By: LDGOMEZ
Date Last Modified: 2009-04-03

Site Id: 412019
Affiliation Type: Mail Contact
Company Name: ONTARIO SPECIALITY CONTRACTING, INC.
Contact Type: Not reported
Contact Name: MIKE LABOSKI
Address1: 333 GANSON STREET
Address2: Not reported
City: BUFFALO
State: NY
Zip Code: 14203
Country Code: 001

ONTARIO SPECIALITY CONTRACTING, INC. (Continued) **A100326176**

Phone: (716) 856-3333 321
EMail: MLABOSKI@ONTARIOSPECIALTY.COM
Fax Number: Not reported
Modified By: LDGOMEZ
Date Last Modified: 2009-04-03

Site Id: 412019
Affiliation Type: Facility Operator
Company Name: ONTARIO SPECIALITY CONTRACTING, INC.
Contact Type: Not reported
Contact Name: JON WILLIAMS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (716) 856-3333
EMail: Not reported
Fax Number: Not reported
Modified By: LDGOMEZ
Date Last Modified: 2009-04-03

Site Id: 412019
Affiliation Type: Emergency Contact
Company Name: JON WILLIAMS
Contact Type: Not reported
Contact Name: MIKE LABOSKI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (716) 570-2699
EMail: Not reported
Fax Number: Not reported
Modified By: LDGOMEZ
Date Last Modified: 2009-04-03

Tank Info:

Tank Number: 01
Tank Id: 227891
Material Code: 0008
Common Name of Substance: Diesel

Equipment Records:

H02 - Tank Leak Detection - Interstitial - Manual Monitoring
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
F01 - Pipe External Protection - Painted/Asphalt Coating
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
G10 - Tank Secondary Containment - Impervious Underlayment
A00 - Tank Internal Protection - None

ONTARIO SPECIALITY CONTRACTING, INC. (Continued) **A100326176**

B01 - Tank External Protection - Painted/Asphalt Coating
C01 - Pipe Location - Aboveground
I05 - Overfill - Vent Whistle
D11 - Pipe Type - Flexible Piping
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
E07 - Piping Secondary Containment - Trench Liner

Tank Location:	2
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	06/01/2008
Capacity Gallons:	500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	10/24/2014
Register:	True
Modified By:	PAREUBEN
Last Modified:	04/14/2017
Material Name:	diesel

Tank Number:	02
Tank Id:	227892
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

I05 - Overfill - Vent Whistle
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
G10 - Tank Secondary Containment - Impervious Underlayment
K00 - Spill Prevention - None
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
C01 - Pipe Location - Aboveground
E07 - Piping Secondary Containment - Trench Liner
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)

Tank Location:	2
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	06/01/2008
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	10/24/2014
Register:	True
Modified By:	PAREUBEN
Last Modified:	04/14/2017

ONTARIO SPECIALITY CONTRACTING, INC. (Continued) **A100326176**

Material Name: waste oil/used oil

Tank Number: 03
Tank Id: 227894
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

F00 - Pipe External Protection - None
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G10 - Tank Secondary Containment - Impervious Underlayment
K00 - Spill Prevention - None
C01 - Pipe Location - Aboveground
D11 - Pipe Type - Flexible Piping
I05 - Overfill - Vent Whistle
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
E07 - Piping Secondary Containment - Trench Liner
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 02/01/2006
Capacity Gallons: 250
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 10/24/2014
Register: True
Modified By: PAREUBEN
Last Modified: 04/14/2017
Material Name: lube oil

Tank Number: 04
Tank Id: 227895
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

D11 - Pipe Type - Flexible Piping
I05 - Overfill - Vent Whistle
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G10 - Tank Secondary Containment - Impervious Underlayment
K00 - Spill Prevention - None
F00 - Pipe External Protection - None
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
C01 - Pipe Location - Aboveground
E07 - Piping Secondary Containment - Trench Liner

ONTARIO SPECIALITY CONTRACTING, INC. (Continued) **A100326176**

H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)

Tank Location:	2
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	02/01/2006
Capacity Gallons:	250
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	10/24/2014
Register:	True
Modified By:	PAREUBEN
Last Modified:	04/14/2017
Material Name:	lube oil

K60 **ONTARIO SPECIALTY CONTRACTING** **RCRA-CESQG** **1000202535**
North **333 GANSON ST** **NY Spills** **NYD986887933**
1/8-1/4 **BUFFALO, NY 14203** **NY MANIFEST**
0.238 mi.
1256 ft. **Site 5 of 6 in cluster K**

Relative: **Lower**

Actual: **582 ft.**

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	ONTARIO SPECIALTY CONTRACTING
Facility address:	333 GANSON ST BUFFALO, NY 14203
EPA ID:	NYD986887933
Mailing address:	GANSON ST BUFFALO, NY 14202
Contact:	DANIELLE MCNAMARA
Contact address:	GANSON ST BUFFALO, NY 14202
Contact country:	US
Contact telephone:	716-856-3333
Contact email:	Not reported
EPA Region:	02
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	ONTARIO CONSOLIDATED LEASING
Owner/operator address:	GANSON ST

ONTARIO SPECIALTY CONTRACTING (Continued) **1000202535**

BUFFALO, NY 14203
Owner/operator country: US
Owner/operator telephone: 716-856-3333
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/01/1997
Owner/Op end date: Not reported

Owner/operator name: ONTARIO SPECIALTY CONTRACTING
Owner/operator address: GANSON ST
BUFFALO, NY 14203
Owner/operator country: US
Owner/operator telephone: 716-856-3333
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/01/1997
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: ONTARIO SPECIALTY CONTRACTING
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/26/2003
Site name: ONTARIO SPECIALTY CONTRACTING
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE

ONTARIO SPECIALTY CONTRACTING (Continued) **1000202535**

MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Date form received by agency: 07/08/1999
Site name: INTEGRATED TIRE
Classification: Not a generator, verified

Date form received by agency: 02/14/1990
Site name: INTEGRATED TIRE
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 09/21/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

SPILLS:
Facility ID: 9409092
Facility Type: ER
Spill Number: 9409092
DER Facility ID: 230504
Site ID: 284226
DEC Region: 9
Closed Date: 1994-10-13
Spill Cause: Unknown
Spill Class: D6

ONTARIO SPECIALTY CONTRACTING (Continued) **1000202535**

SWIS:	1502
Spill Date:	1994-10-05
Investigator:	COOKE
Referred To:	Not reported
Reported to Dept:	1994-10-05
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	DEC
Cleanup Ceased:	1994-10-13
Cleanup Meets Std:	True
Last Inspection:	1994-10-05
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1994-10-17
Spill Record Last Update:	1994-11-14
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was JDC 10/05/94: JDC INSPECTED WATER FRONT W/ MR KELLY AT INTEGRATED TIRE AND FOUND HEAVY SHEEN. NO SOURCE COULD BE FOUND. MR KELLY WILL INSPECT AT LATER DATE TO ENSURE SHEEN HAS NOT RETURNED. 10/13/94: MR KELLY INSPECTED RIVER AT INTEGRATYED AND FOUND NO EVIDENCE OF OIL SHEEN OR SPILLAGE. NO FURTHER ACTION REQUIRED, SOURCE UNKNOWN. "
Remarks:	"SHEEN AT INTEGRATED TIRE ON BUFFALO RIVER"

All Materials:

Site ID:	284226
Operable Unit ID:	1003097
Operable Unit:	01
Material ID:	378524
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

NY MANIFEST:

Country:	USA
EPA ID:	NYD986887933
Facility Status:	Not reported
Location Address 1:	333 GANSON STREET
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BUFFALO
Location State:	NY
Location Zip:	14203
Location Zip 4:	Not reported

ONTARIO SPECIALTY CONTRACTING (Continued) **1000202535**

NY MANIFEST:

EPAID:	NYD986887933
Mailing Name:	INTEGRATED TIRE
Mailing Contact:	STEPHEN B ELGGREN
Mailing Address 1:	333 GANSON STREET
Mailing Address 2:	Not reported
Mailing City:	BUFFALO
Mailing State:	NY
Mailing Zip:	14203
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7168478474

NY MANIFEST:

Document ID:	NYG2816289
Manifest Status:	Not reported
seq:	01
Year:	2003
Trans1 State ID:	33302PANY
Trans2 State ID:	Not reported
Generator Ship Date:	05/14/2003
Trans1 Recv Date:	05/14/2003
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/19/2003
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986887933
Trans1 EPA ID:	NYD986903904
Trans2 EPA ID:	Not reported
TSDF ID 1:	OHD083377010
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00060
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00

ONTARIO SPECIALTY CONTRACTING (Continued) **1000202535**

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

K61 **ENVIRONMENTAL ABATEMENT INT. INC.** **RCRA NonGen / NLR** **1000261468**
North **333 GANSON ST** **NYD021909155**
1/8-1/4 **BUFFALO, NY 14203**
0.238 mi.
1256 ft. **Site 6 of 6 in cluster K**

Relative:
Lower

Actual:
582 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	ENVIRONMENTAL ABATEMENT INT. INC.
Facility address:	333 GANSON ST BUFFALO, NY 14203
EPA ID:	NYD021909155
Mailing address:	GANSON ST BUFFALO, NY 14203
Contact:	JAMES BUCKI
Contact address:	GANSON ST BUFFALO, NY 14203
Contact country:	US
Contact telephone:	716-854-3616
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	JOSEPH CARDINALE
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	JOSEPH CARDINALE
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No

ENVIRONMENTAL ABATEMENT INT. INC. (Continued) **1000261468**

Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: ENVIRONMENTAL ABATEMENT INT. INC.
Classification: Not a generator, verified

Date form received by agency: 04/12/1982
Site name: ENVIRONMENTAL ABATEMENT INT. INC.
Classification: Not a generator, verified

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: U154
. Waste name: METHANOL (I)

Violation Status: No violations found

62
NE
1/8-1/4
0.245 mi.
1295 ft.

BUFFALO SOAP CORPORATION
225 LOUISIANA STREET
BUFFALO, NY 14204

NY CBS **S102638228**
NY CBS AST **N/A**
NY Spills

Relative:
Lower

Actual:
579 ft.

CBS:

CBS Number:	9-000112
Program Type:	CBS
Facility Status:	Unregulated/Closed
Expiration Date:	Not reported
Dec Region:	9
UTMX:	184210.75314
UTMY:	4753362.53262

CBS AST:

CBS Number:	9-000112
ICS Number:	9-700025
PBS Number:	Not reported
MOSF Number:	Not reported
SPDES Number:	Not reported
Facility Status:	IN SERVICE
Facility Type:	D
Telephone:	(716) 852-4344
Facility Town:	BUFFALO (C)
Region:	STATE
Expiration Date:	06/14/1991
Total Capacity of All Active Tanks(gal):	0
Operator:	BUFFALO SOAP CORPORATION
Emergency Contact:	DAVID W. HUMPHREY
Emergency Phone:	(716) 852-4344
Owner Name:	BUFFALO SOAP CORPORATION
Owner Address:	1 BUFFALO RIVER PLACE
Owner City,St,Zip:	BUFFALO, NY 14210
Owner Telephone:	(716) 852-4344
Owner Type:	Corporate/Commercial
Owner Sub Type:	Not reported
Mail Name:	BUFFALO SOAP CORPORATION
Mail Contact Addr:	1 BUFFALO RIVER PLACE
Mail Contact Addr2:	Not reported
Mail Contact Contact:	DAVID W. HUMPHREY
Mail Contact City,St,Zip:	BUFFALO, NY 14210
Mail Phone:	(716) 852-4344

Tank Id:	008
CAS Number:	1310732
Federal ID:	Not reported
Tank Status:	0
Install Date:	08/86
Tank Closed:	06/91
Capacity (Gal):	2000
Chemical:	Sodium hydroxide
Tank Location:	Indoors, Aboveground
Tank Type:	Steel/carbon steel
Total Tanks:	0
Tank Secret:	False
Tank Secondary Containment:	Double-Walled Tank
Tank Error Status:	2
Date Entered:	06/14/1989

BUFFALO SOAP CORPORATION (Continued) **S102638228**

Certified Date:	06/14/1989
Substance:	Not reported
Internal Protection:	Not reported
External Protection:	Not reported
Pipe Location:	Not reported
Pipe Type:	Steel/Iron
Pipe Internal:	Not reported
Pipe External:	Not reported
Pipe Flag:	False
Leak Detection:	Not reported
Overfill Protection:	Not reported
Haz Percent:	0
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	1402
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	07/02/91
Is It There:	False
Delinquent:	False
Date Expired:	06/14/91
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	07/02/1991

Tank Id:	009
CAS Number:	1310732
Federal ID:	Not reported
Tank Status:	0
Install Date:	08/86
Tank Closed:	06/91
Capacity (Gal):	2000
Chemical:	Sodium hydroxide
Tank Location:	Indoors, Aboveground
Tank Type:	Steel/carbon steel
Total Tanks:	0
Tank Secret:	False
Tank Secondary Containment:	Double-Walled Tank
Tank Error Status:	2
Date Entered:	06/14/1989
Certified Date:	06/14/1989
Substance:	Not reported
Internal Protection:	Not reported
External Protection:	Not reported
Pipe Location:	Not reported
Pipe Type:	Steel/Iron
Pipe Internal:	Not reported
Pipe External:	Not reported
Pipe Flag:	False
Leak Detection:	Not reported
Overfill Protection:	Not reported
Haz Percent:	0
Last Test:	Not reported
Due Date:	Not reported

BUFFALO SOAP CORPORATION (Continued) **S102638228**

SWIS Code:	1402
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	07/02/91
Is It There:	False
Delinquent:	False
Date Expired:	06/14/91
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	07/02/1991

Tank Id:	005
CAS Number:	7681529
Federal ID:	Not reported
Tank Status:	0
Install Date:	07/84
Tank Closed:	06/91
Capacity (Gal):	1000
Chemical:	Sodium hypochlorite
Tank Location:	Indoors, Belowground
Tank Type:	Fiberglass reinforced plastic [FRP]
Total Tanks:	0
Tank Secret:	False
Tank Secondary Containment:	None
Tank Error Status:	3
Date Entered:	06/14/1989
Certified Date:	06/14/1989
Substance:	Not reported
Internal Protection:	Not reported
External Protection:	Not reported
Pipe Location:	Not reported
Pipe Type:	Double Walled Fiberglass
Pipe Internal:	Not reported
Pipe External:	Not reported
Pipe Flag:	False
Leak Detection:	Not reported
Overfill Protection:	Not reported
Haz Percent:	0
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	1402
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	07/02/91
Is It There:	False
Delinquent:	False
Date Expired:	06/14/91
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	07/02/1991

BUFFALO SOAP CORPORATION (Continued) **S102638228**

SPILLS:

Facility ID:	9204109
Facility Type:	ER
Spill Number:	9204109
DER Facility ID:	239022
Site ID:	295375
DEC Region:	9
Closed Date:	2001-01-30
Spill Cause:	Unknown
Spill Class:	E6
SWIS:	1502
Spill Date:	1992-07-09
Investigator:	MXFRANKS
Referred To:	Not reported
Reported to Dept:	1992-07-09
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	2001-01-30
Cleanup Meets Std:	True
Last Inspection:	2001-01-24
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-12-26
Spill Record Last Update:	2001-02-16
Spiller Name:	Not reported
Spiller Company:	NONE
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	DAN SANSONE
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MF 12/26/00: MF ASSIGNED SPILL TO MYSELF. NO HISTORY IN SPILL REPORT. 01/24/01: MF SITE INSPECTION, MET DAN SANSONE, SON OF OWNER, DAN. THEY HEAT BUILDING WITH NATURAL GAS. THEY DID HAVE A FUEL OIL UST THAT WAS REMOVED APPX 10 YEARS AGO. TANK WAS OUTSIDE, CHECKED AROUND BUILDING, NO CONTAMINATION NOTICED. 01/29/01: MF TELECON DAN SANSONE SR, CLAIMED HE HAS NEVER HEATED WITH ANYTHING OTHER THEY NATURAL GAS & THAT AS FAR AS HE KNOWS FO TANK WAS REMOVED 20 YEARS AGO. HE ALSO SAID THAT THERE MAT BE AN UST ON CONRAIL PROPERTY JUST BEHIND HIS BUILDING. NO FURTHER ACTION POSSIBLE, SPILL OVER 8 YEARS OLD."
Remarks:	""

All Materials:

Site ID:	295375
Operable Unit ID:	967914
Operable Unit:	01
Material ID:	411859
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

63
SE
1/8-1/4
0.247 mi.
1304 ft.

CONAGRA INC
87 CHILDS ST
BUFFALO, NY 14203

RCRA NonGen / NLR
US AIRS
FINDS
ECHO

1000546190
NYD002124022

Relative:
Lower

Actual:
580 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	CONAGRA INC
Facility address:	87 CHILDS ST BUFFALO, NY 14203
EPA ID:	NYD002124022
Mailing address:	CHILDS ST BUFFALO, NY 14203
Contact:	Not reported
Contact address:	CHILDS ST BUFFALO, NY 14203
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	CONAGRA INC
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	CONAGRA INC
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No

CONAGRA INC (Continued) **1000546190**

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: CONAGRA INC
Classification: Not a generator, verified

Date form received by agency: 12/31/1979
Site name: CONAGRA INC
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 02/26/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/25/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

US AIRS (AFS):
Envid: 1000546190
Region Code: 02
County Code: NY029
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
D and B Number: Not reported
Facility Site Name: RIVERWRIGHT
Primary SIC Code: 2869
NAICS Code: 325193
Default Air Classification Code: SMI
Facility Type of Ownership Code: Not reported
Air CMS Category Code: SMI
HPV Status: Not reported

US AIRS (AFS):
Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)

CONAGRA INC (Continued) **1000546190**

Activity Date:	2009-08-14 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	02
Programmatic ID:	AIR NY0000009140200200
Facility Registry ID:	110004339234
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
Activity Date:	2009-08-20 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	02
Programmatic ID:	AIR NY0000009140200200
Facility Registry ID:	110004339234
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
Activity Date:	2014-07-30 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	02
Programmatic ID:	AIR NY0000009140200200
Facility Registry ID:	110004339234
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
Activity Date:	2014-08-07 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	02
Programmatic ID:	AIR NY0000009140200200
Facility Registry ID:	110004339234
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	New Source Performance Standards
Activity Date:	2009-08-14 00:00:00
Activity Status Date:	Not reported
Activity Group:	Compliance Monitoring
Activity Type:	Inspection/Evaluation
Activity Status:	Not reported
Region Code:	02
Programmatic ID:	AIR NY0000009140200200
Facility Registry ID:	110004339234

CONAGRA INC (Continued) **1000546190**

Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: New Source Performance Standards
Activity Date: 2009-08-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: New Source Performance Standards
Activity Date: 2014-07-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: New Source Performance Standards
Activity Date: 2014-08-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2009-08-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2009-08-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

CONAGRA INC (Continued) **1000546190**

Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2014-07-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Prevention of Accidental Release/General Duty Clause
Activity Date: 2014-08-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1981-12-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1982-07-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1982-08-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

CONAGRA INC (Continued) **1000546190**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-05-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1984-03-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-02-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-01-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

CONAGRA INC (Continued) **1000546190**

Activity Date: 1987-01-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-02-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-12-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-10-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1992-11-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234

CONAGRA INC (Continued) **1000546190**

Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-08-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-08-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-07-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2014-08-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Stratospheric Ozone Protection
Activity Date: 2009-08-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

CONAGRA INC (Continued) **1000546190**

Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Stratospheric Ozone Protection
Activity Date: 2009-08-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Stratospheric Ozone Protection
Activity Date: 2014-07-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200200
Facility Registry ID: 110004339234
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: Stratospheric Ozone Protection
Activity Date: 2014-08-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

FINDS:

Registry ID: 110004339234

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

AIR SYNTHETIC MINOR

RCRAInfo is a national information system that supports the Resource

CONAGRA INC (Continued) **1000546190**

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000546190
Registry ID:	110004339234
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004339234

L64 **PUSH BUFFALO** **NY SWF/LF** **S118562973**
SSE **660 OHIO ST** **N/A**
1/4-1/2 **BUFFALO, NY 14203**
0.300 mi.
1582 ft. **Site 1 of 2 in cluster L**

Relative: **Lower**

Actual: **582 ft.**

SWF/LF:

Flag:	ACTIVE
Region Code:	9
Phone Number:	7165784077
Owner Name:	710 Ohio Street LLC
Owner Type:	Private
Owner Address:	658 Ohio St
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Email:	kategorman@rigidized.com
Owner Phone:	7168494799
Contact Name:	Joshua Smith
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	josh@pushbuffalo.org
Contact Phone:	7165784077
Activity Desc:	Composting - source separated organic waste - registration
Activity Number:	[15C13]
Active:	Yes
East Coordinate:	184055
North Coordinate:	4752391
Accuracy Code:	Not reported
Regulatory Status:	Registration
Waste Type:	Not reported
Authorization #:	15C13
Authorization Date:	01/01/2014
Expiration Date:	Not reported
Operator Name:	Joshua Smith
Operator Type:	Not reported
Laste Date:	Not reported

L65 **RIGIDIZED METALS** **NY LTANKS** **S118953836**
SSE **658 OHIO STREET** **N/A**
1/4-1/2 **BUFFALO, NY**
0.313 mi.
1653 ft. **Site 2 of 2 in cluster L**

Relative: **Lower**

Actual: **581 ft.**

LTANKS:

Facility ID:	9707392
Site ID:	103485
Closed Date:	1997-11-14
Spill Number:	9707392
Spill Date:	1997-09-23
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	1502
Investigator:	RMCROSSE
Referred To:	Not reported
Reported to Dept:	1997-09-23
CID:	999
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	1997-10-10
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1997-09-23
Spill Record Last Update:	1997-12-01
Spiller Name:	STAN BROZYNA
Spiller Company:	RIGIDIZED METALS
Spiller Address:	658 OHIO STREET
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	9
DER Facility ID:	91515
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was RMC 10/15/97 RMC/FILE ORIGINAL NOTES LOST, RMC AND SAC INSPECTED SITE AFTER FINAL, EXCAVATION FOUND NO VISUAL CONTAMINATION, RMC REVIEWED EXCAVATION SAMPLE RESULTS WITH RNL, RNL AGREEDED WITH INACTIVE UPON RECEIPT OF DISPOSAL DOCUMENTS, DUE 11/15/97 11/14/97 RMC/FILE RECEIVED DISPOSAL RECEIPTS FOR 20 TONS SOIL AND 500 GALLONS WATER, INACTIVE"
Remarks:	"CONTRACTOR ELMWOOD TANK REMOVED TANK AND FOUND CONTAMINATION"

All Materials:

Site ID:	103485
Operable Unit ID:	1053780
Operable Unit:	01
Material ID:	329405
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00

RIGIDIZED METALS (Continued) **S118953836**

Oxygenate: Not reported

66
North
1/4-1/2
0.329 mi.
1736 ft.

RAMCOL FIBRES INC.
226 OHIO STREET
BUFFALO, NY 14204

NY LTANKS **S104788794**
NY SWRCY **N/A**
NY Spills

Relative:
Lower

Actual:
580 ft.

LTANKS:

Facility ID:	9309288
Site ID:	192800
Closed Date:	1994-10-17
Spill Number:	9309288
Spill Date:	1993-10-30
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	1994-10-17
SWIS:	1502
Investigator:	RMCROSSE
Referred To:	Not reported
Reported to Dept:	1993-10-30
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	1994-10-17
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1993-11-02
Spill Record Last Update:	2003-01-14
Spiller Name:	Not reported
Spiller Company:	RAMCOL FIBERS
Spiller Address:	226 OHIO STREET
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	9
DER Facility ID:	160763
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was RMC 10/30/93: RMC/SITE - 3 4-K TANKS REMOVED. HOLE PARTIALLY OPEN. SIGNIFICANT VISUAL CONTAMINATION AND ODOR. HEAVY SHEEN ON ONE POOLED AREA. 11/01/93: RMC/VINNY GEORGE/TELECON - WENT OVER OPTIONS; SENT LETTER. RESPONSE DUE 11/22/93. 11/08/93: RMC/VINNY GEORGE/TELECON WATER TO DEAL WITH, RMC ADVISED TO HIRE CONSULTANT AS DEC CANNOT ACT IN THAT CAPACITY - WENT OVER OPTIONS; SENT LETTER. RESPONSE DUE 11/22/93. 11/20/93: RMC/VINNY GEORGE/SITE RP ATTEMPTED TO REMEDIATE, WATER PROBLEM, SIGNIFICANT CONAMINATION STILL EXIST, RMC ADVISED RP TO HIRE CONSULTANT, REINSPECT 11/30/93. 01/06/94: RMC/RUSS SAVAGE/PHONE TESTS PITS LOOKED GOOD, HOLE WILL BE EXCAVATED WHEN WEATHER BREAKS TO ALLOW CARBON FILTRATION OF PIT WATER, WORK TO BEGIN BY 3/1/94. 03/03/94: RMC/RUSS SAVAGE/PHONE TESTS PITS LOOKED GOOD, HOLE WILL BE EXCAVATED WHEN WEATHER BREAKS TO ALLOW CARBON FILTRATION OF PIT WATER, WORK TO BEGIN BY 3/1/94 REVISED TO 4/1/94. 05/09/94: RMC/RUSS SAVAGE/PHONE TESTS PITS LOOKED GOOD, HOLE WILL BE EXCAVATED

RAMCOL FIBRES INC. (Continued) **S104788794**

WHEN WEATHER BREAKS TO ALLOW CARBON FILTRATION OF PIT WATER, WORK TO BEGIN BY 3/1/94 REVISED TO 5/15/94. 05/25/94: RMC/RUSS SAVAGE/SITE 200 PLUS YARDS REMOVED, ESTIMATE 100 TO GO TO REINSPECT BY 6/1/94. 05/25/94: RMC/RUSS SAVAGE/SITE 450 YARDS REMOVED, TO TAKE CLEAN HOLE TEST, AND BIOTREAT CONTAMINATED SOIL, TEST RESULTS DUE 6/30/94. 06/15/94: RMC/LETTER ON BIO TREATING, ALL TEST RESULTS DUE 6/30/94. 08/01/94: RMC/RECEIVED SAMPLE RESULTS HAZ NON HAZ, OK NEXT ROUND DUE 8/30/94. 10/04/94: RMC/FILE REVIEWED FILE AT REQUEST OF RP, SENT STATUS LETTER, NEXT BIO RESULTS DUE 10/30/94. 10/17/94: RMC/FILE/SITE SOIL UNDER TREATMENT PASSES VISUAL AND LAB TESTING, NO EXCEEDANCES IN CLEAN HOLE TEST, NO FURTHER ACTION REQUIRED, LETTER, CLOSE OUT. "

Remarks: "CONTAMINATION DISCOVERED DURING TANK REMOVAL."

All Materials:

Site ID:	192800
Operable Unit ID:	990827
Operable Unit:	01
Material ID:	391950
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

SWRCY:

Region:	9
Facility Address 2:	Not reported
Phone Number:	7168455650
Owner Type:	Private
Owner Name:	Charles H. Colby IV
Owner Address:	226 Ohio Street
Owner Address 2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14204
Owner Email:	Not reported
Owner Phone:	7168455650
Contact Name:	Charles H. Colby IV
Contact Address:	226 Ohio Street
Contact Address 2:	Not reported
Contact City,St,Zip:	Buffalo, NY 14204
Contact Email:	Not reported
Contact Phone:	7168455650
Activity Desc:	RHRF - registration
Activity Number:	[15M15]
Active:	No
East Coordinate:	1
North Coordinate:	1
Accuracy Code:	Not reported
Regulatory Status:	None
Permit #:	Not reported
Auth. Date:	Not reported
Expiration Date:	Not reported
Waste Types:	Not reported
Operator Name:	Not reported

RAMCOL FIBRES INC. (Continued) **S104788794**

Operator Type: Not reported
Last Date: Not reported

SPILLS:

Facility ID:	0075319
Facility Type:	ER
Spill Number:	0075319
DER Facility ID:	160763
Site ID:	192799
DEC Region:	9
Closed Date:	2000-10-31
Spill Cause:	Abandoned Drums
Spill Class:	C2
SWIS:	1502
Spill Date:	2000-08-23
Investigator:	SACALAND
Referred To:	Not reported
Reported to Dept:	2000-08-23
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	2000-08-23
Recommended Penalty:	True
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-08-23
Spill Record Last Update:	2002-11-05
Spiller Name:	Not reported
Spiller Company:	RAMCOL FIBERS
Spiller Address:	226 OHIO STREET
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SAC 08/23/00: RMC AND SAC SITE INSPECTION, MET REPRESENTATIVES FROM CITY OF BUFFALO AND THE FIRE DEPT., OWNER OF THE SITE HAD LEFT TOWN A FEW YERS AGO AND CAN NOT BE FOUND, THE FIRE DEPT CONSIDERS THE SITE AN EMERGENCY AND REQUESTED DEC ASSISTANCE TO REMOVE DRUMS WALKED SITE AND THE REPRESENTATIVE FROM THE FIRE DEPT. SHOWED WHERE THE DRUMS WERE. THE CITY HAS ARRANGED FOR EMERGENCY DEMOLITION IN THE AFTERNOON SO THEY REQUESTED DEC TO REMOVE THE DRUMS FROM INSIDE THE BUILDING AS SOON AS POSSIBLE BUT DEFINITELY SOMETIME IN THE AFTERNOON, RMC SAID DEC WOULD ARRANGE TO HAVE DRUMS OVERPACKED AND THEN REMOVED FROM THE BUILDING AND STAGED ON-SITE SAC TELECON TO LINDA SCOTT OF OP-TECH, SHE COULD NOT RESPOND IN THE AFTERNOON, THE NEXT CONTRACTOR, MARCOR, IS LOCATED IN ROCHESTER AND AN IMMEDIATE RESPONSE WAS NECESSARY BECAUSE OF THE NEED FOR THE IMMEDIATE DEMOLITION, SO TRAVEL TIME FROM ROCHESTER MADE MARCOR UNACCEPTABLE AS A CHOICE FOR THIS SPILL CLEANUP SAC TELECON TO THE NEXT CONTRACTOR, THE ENVIRONMENTAL SERVICE GROUP, SAC SPOKE TO BOB LENHART WHO SAID HE WOULD CHECK ON THEIR AVAILABILITY, ABOUT 5 MINUTES LATER SAC RECEIVED A CALL FROM DAVE MENDEL WHO SAID THEY COULD RESPOND IN ABOUT AN HOUR WHICH WAS THE REQUIRED RESPONSE TIME FOR THIS SPILL, THEY ARRIVED ON-SITE A LITTLE AFTER 1300 HRS, AND PROCEEDED TO OVERPACK SEVEN DRUMS AND ARRANGE DISPOSAL FOR ANOTHER AND STAGE THEM ON-SITE, THEY WOULD ALSO SCRAP

RAMCOL FIBRES INC. (Continued) **S104788794**

THE EMPTY DRUMS LEFT ON-SITE SAC TELECON TO THE CITY'S ASSESSORS OFFICE TO CHECK OWNER'S NAME AND MAILING ADDRESS, THE OWNER WAS LISTED AS RAMCOL FIBERS WITH A MAILING ADDRESS OF 226 OHIO STREET, SAC CHECKED FURTHER WITH THE ASSESSOR'S OFFICE AND FOUND OUT THE PROPERTY IS IN ARREARS AND READY FOR FORECLOSURE, THEREFORE NO RP LETTER WILL BE SENT. 08/28/00: SAC RECEIVED WASTE CHARACTERIZATION PROFILE FROM MARK HAGEMAN OF THE ENVIRONMENTAL SERVICE GROUP, BUT THERE WAS NO SAMPLE ANALYSIS SAC TELECON TO MARK HAGEMAN TO BE SURE THIS WAS OK, MR. HAGEMAN SAID THAT IT WAS FIELD TESTED AND BASED ON THE FIELD TESTS AND APPEARANCE OF THE MATERIAL, HE DOES NOT BELIEVE LABORATORY ANALYSIS IS REQUIRED, HE WILL SUBMIT THE PROFILE TO BISON WASTE OIL AND IF THEY HAVE A PROBLEM WITH IT HE WILL ANALYZE A SAMPLE FOR DISPOSAL. 08/30/00: SAC TELECON FROM MARGO OF THE ENVIRONMENTAL SERVICE GROUP, THE DRUMS WILL BE PICKED UP ON FRIDAY FOR DISPOSAL. 10/10/00: SAC PROCESSED PAYMEBNT PACKAGE FROM THE ENVIRONMENTAL SERVICE GROUP, INCLUDES DISPOSAL RECEIPTS. 10/31/00: SAC REVIEWED FILE, APPEARS ALL WORK HAS BEEN COMPLETED, SAC TELECON TO THE ENVIRONMENTAL SERVICE GROUP, NO OTHER INVOICES WILL BE SENT IN, THEY CONFIRMED THAT THE ONE PAYMENT PACKAGE SUBMITTED WAS FOR THE ENTIRE JOB, NO FURTHER WORK REQUIRED."

Remarks: "FIRE DAMAGED VACANT INDUSTRIAL BUILDING, THE BUILDING WAS SCHEDULED FOR EMERGENCY DEMOLITION WHEN DRUMS OF UNKNOWN MATERIAL WERE FOUND"

All Materials:

Site ID:	192799
Operable Unit ID:	836678
Operable Unit:	01
Material ID:	538879
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

67
North
1/4-1/2
0.375 mi.
1982 ft.

Relative: Higher

Actual: 586 ft.

COYNE TEXTILE SERVICES
21 MOORE ST
BUFFALO, NY 14204

NY LTANKS **1000311792**
NY UST **NYD092472869**
NY AST
RCRA NonGen / NLR
ICIS
US AIRS
FINDS
ECHO
NY MANIFEST

LTANKS:

Facility ID:	9875278
Site ID:	177637
Closed Date:	1999-07-22
Spill Number:	9875278
Spill Date:	1998-12-10
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported

COYNE TEXTILE SERVICES (Continued) **1000311792**

SWIS:	1502
Investigator:	SORGI
Referred To:	Not reported
Reported to Dept:	1998-12-10
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	1998-12-30
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1998-12-10
Spill Record Last Update:	1999-07-23
Spiller Name:	D.J. SMITH
Spiller Company:	COYNE TEXTILE SERVICES
Spiller Address:	140 CORTLAND AVENUE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	9
DER Facility ID:	149259
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MJS 12/10/98: JDC LEFT MESSAGE FOR LINDA GRIMMER, TO DETERMINE STATUS. 12/11/98: JDC TELECON WITH LINDA GRIMMER, TANK WILL BE CLOSED IN PLACE DUE TO LOCATION OF NATURAL GAS LINE AND BUILDING. 7000 GALLONS OF CONTAMINATED WATER WERE REMOVED, 100 GALLONS OF #6 OIL REMOVED FOR DISPOSAL. CONTAMINATED SOILS REMOVED FROM THE TOP AND AROUND THE TANK FOR DISPOSAL. POST SAMPLES HAVE BEEN COLLECTED FROM SIDE AND BOTTOM OF TANK WALLS. TURNAROUND TIME IS TWO WEEKS, AT THAT TIME WILL DETERMINE IF FURTHER WORK IS REQUIRED. 12/30/98: JDC RECEIVED AND REVIEWED POST TEST RESULTS AND FOUND SATISFACTORY. WILL INSPECT SITE BEFORE TANK IS CLOSED IN PLACE. 12/30/98: JDC ON SITE AND FOUND NO OIL CONTAMINATION IN THE EXCAVATION AT THE TANK TOP, TANK LINE CUT AND WILL BE CAPPED. WILL MAKE FINAL INSPECTION WHEN WORK IS COMPLETE. 07/22/99: MJS TAKE OVER FILE, JDC NO LONGER WITH NYSDEC. MJS REVIEWED FILE. SAMPLE RESULTS NOT IN FILE. 07/22/99: MJS TELECON WITH LINDA GRIMMER AT EPS. SHE STATED THAT PROJECT IS COMPLETE, TANK CLOSED IN PLACE, SAMPLES OBTAINED AND WASTE DISPOSED. SHE WILL FAX APPLICABLE INFORMATION. MJS RECEIVED FAX FROM LINDA GRIMMER. SAMPLE RESULTS MEET STANDARDS. CONTAMINATED WATER DISPOSED AT EPS IN SYRACUSE AND NINE TONS SOIL DISPOSED AT LAKEVIEW LANDFILL. NO FURTHER ACTION REQUIRED. MJS CLOSE FILE."
Remarks:	"ABANDONED FACILITY - WHILE CLOSING 8K UST, TANK APPEARED TO BE LEAKING AND TAKING ON WATER."

All Materials:

Site ID:	177637
Operable Unit ID:	1078554
Operable Unit:	01
Material ID:	306892
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G

COYNE TEXTILE SERVICES (Continued) **1000311792**

Recovered: .00
Oxygenate: Not reported

UST:
Id/Status: 9-054240 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 9
Expiration Date: N/A
UTM X: 183901.70560
UTM Y: 4753822.83068
Site Type: Other

Affiliation Records:
Site Id: 52425
Affiliation Type: Facility Owner
Company Name: COYNE INTERNATIONAL ENTERPRISE
Contact Type: Not reported
Contact Name: Not reported
Address1: PO BOX 4854 140 CORTLAND AVE
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13221
Country Code: 001
Phone: (315) 475-1626
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 52425
Affiliation Type: Mail Contact
Company Name: COYNE INTERNATIONAL ENTERPRISE
Contact Type: Not reported
Contact Name: GEORGE MELITA
Address1: PO BOX 4854 140 CORTLAND AVE
Address2: Not reported
City: SYRACUSE
State: NY
Zip Code: 13221
Country Code: 001
Phone: (315) 475-1626
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 52425
Affiliation Type: Facility Operator
Company Name: COYNE TEXTILE SERVICES
Contact Type: Not reported
Contact Name: COYNE TEXTILE SERVICES
Address1: Not reported
Address2: Not reported
City: Not reported

COYNE TEXTILE SERVICES (Continued) **1000311792**

State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(716) 852-3082
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	52425
Affiliation Type:	Emergency Contact
Company Name:	COYNE INTERNATIONAL ENTERPRISE
Contact Type:	Not reported
Contact Name:	MICHAEL AMENDOLA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(716) 852-3082
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	1
Tank ID:	161656
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	8000
Install Date:	08/01/1983
Date Tank Closed:	12/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

COYNE TEXTILE SERVICES (Continued) **1000311792**

A00 - Tank Internal Protection - None

AST:

Region:	STATE
DEC Region:	9
Site Status:	Unregulated/Closed
Facility Id:	9-054240
Program Type:	PBS
UTM X:	183901.70560
UTM Y:	4753822.83068
Expiration Date:	N/A
Site Type:	Other

Affiliation Records:

Site Id:	52425
Affiliation Type:	Facility Owner
Company Name:	COYNE INTERNATIONAL ENTERPRISE
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	PO BOX 4854 140 CORTLAND AVE
Address2:	Not reported
City:	SYRACUSE
State:	NY
Zip Code:	13221
Country Code:	001
Phone:	(315) 475-1626
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	52425
Affiliation Type:	Mail Contact
Company Name:	COYNE INTERNATIONAL ENTERPRISE
Contact Type:	Not reported
Contact Name:	GEORGE MELITA
Address1:	PO BOX 4854 140 CORTLAND AVE
Address2:	Not reported
City:	SYRACUSE
State:	NY
Zip Code:	13221
Country Code:	001
Phone:	(315) 475-1626
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	52425
Affiliation Type:	Facility Operator
Company Name:	COYNE TEXTILE SERVICES
Contact Type:	Not reported
Contact Name:	COYNE TEXTILE SERVICES
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

COYNE TEXTILE SERVICES (Continued) **1000311792**

Zip Code:	Not reported
Country Code:	001
Phone:	(716) 852-3082
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	52425
Affiliation Type:	Emergency Contact
Company Name:	COYNE INTERNATIONAL ENTERPRISE
Contact Type:	Not reported
Contact Name:	MICHAEL AMENDOLA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(716) 852-3082
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	10
Tank Id:	161665
Material Code:	9999
Common Name of Substance:	Other

Equipment Records:

H99 - Tank Leak Detection - Other
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	07/01/1975
Capacity Gallons:	250
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	other

COYNE TEXTILE SERVICES (Continued) **1000311792**

Tank Number: 11
Tank Id: 161666
Material Code: 9999
Common Name of Substance: Other

Equipment Records:

H99 - Tank Leak Detection - Other
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: other

Tank Number: 2
Tank Id: 161657
Material Code: 9999
Common Name of Substance: Other

Equipment Records:

H99 - Tank Leak Detection - Other
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 400
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True

COYNE TEXTILE SERVICES (Continued) **1000311792**

Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	other

Tank Number:	3
Tank Id:	161658
Material Code:	9999
Common Name of Substance:	Other

Equipment Records:

H99 - Tank Leak Detection - Other
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	05/01/1973
Capacity Gallons:	150
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	other

Tank Number:	4
Tank Id:	161659
Material Code:	9999
Common Name of Substance:	Other

Equipment Records:

H99 - Tank Leak Detection - Other
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	05/01/1973

COYNE TEXTILE SERVICES (Continued) **1000311792**

Capacity Gallons: 150
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: other

Tank Number: 5
Tank Id: 161660
Material Code: 9999
Common Name of Substance: Other

Equipment Records:

H99 - Tank Leak Detection - Other
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 07/01/1975
Capacity Gallons: 4340
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: other

Tank Number: 6
Tank Id: 161661
Material Code: 9999
Common Name of Substance: Other

Equipment Records:

H99 - Tank Leak Detection - Other
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

COYNE TEXTILE SERVICES (Continued) **1000311792**

A00 - Tank Internal Protection - None
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 07/01/1975
Capacity Gallons: 5014
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: other

Tank Number: 7
Tank Id: 161662
Material Code: 9999
Common Name of Substance: Other

Equipment Records:

H99 - Tank Leak Detection - Other
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 07/01/1975
Capacity Gallons: 3450
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: other

Tank Number: 8
Tank Id: 161663
Material Code: 9999
Common Name of Substance: Other

Equipment Records:

H99 - Tank Leak Detection - Other
I04 - Overfill - Product Level Gauge (A/G)

COYNE TEXTILE SERVICES (Continued) **1000311792**

G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 07/01/1975
Capacity Gallons: 300
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: other

Tank Number: 9
Tank Id: 161664
Material Code: 9999
Common Name of Substance: Other

Equipment Records:

H99 - Tank Leak Detection - Other
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 07/01/1975
Capacity Gallons: 50
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: other

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: COYNE TEXTILE SERVICES
Facility address: 21 MOORE ST

COYNE TEXTILE SERVICES (Continued) **1000311792**

BUFFALO, NY 14204-2554
EPA ID: NYD092472869
Mailing address: CORTLAND AVE
SYRACUSE, NY 13202
Contact: Not reported
Contact address: CORTLAND AVE
SYRACUSE, NY 13202
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: COYNE INTERNATIONAL ENTERPRISES
Owner/operator address: 140 CORTLAND AVE
SYRACUSE, NY 13202
Owner/operator country: US
Owner/operator telephone: 315-475-1626
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: COYNE INTERNATIONAL ENTERPRISES
Owner/operator address: 140 CORTLAND AVE
SYRACUSE, NY 13202
Owner/operator country: US
Owner/operator telephone: 315-475-1626
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No

COYNE TEXTILE SERVICES (Continued) **1000311792**

Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: COYNE TEXTILE SERVICES
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: COYNE TEXTILE SERVICES
Classification: Not a generator, verified

. Waste code: NONE
. Waste name: None

Date form received by agency: 12/31/1996
Site name: COYNE TEXTILE SERVICES
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 05/24/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

ICIS:
Enforcement Action ID: NY000A0000914020020700006
FRS ID: 110009469057
Action Name: COYNE INDUSTRIAL LAUNDRY 360290040800006
Facility Name: COYNE INDUSTRIAL LAUNDRY
Facility Address: 21 MOORE ST
BUFFALO, NY 14204
Enforcement Action Type: Civil Judicial Action
Facility County: ERIE

COYNE TEXTILE SERVICES (Continued) **1000311792**

Program System Acronym: AIR
Enforcement Action Forum Desc: Judicial
EA Type Code: CIV
Facility SIC Code: 7218
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 42.87175
Longitude in Decimal Degrees: -78.87019
Permit Type Desc: Not reported
Program System Acronym: NY0000009140200207
Facility NAICS Code: 812332
Tribal Land Code: Not reported

US AIRS MINOR:
Envid: 1000311792
Region Code: 02
Programmatic ID: AIR NY0000009140200207
Facility Registry ID: 110009469057
D and B Number: Not reported
Primary SIC Code: 7218
NAICS Code: 812332
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 02
Programmatic ID: AIR NY0000009140200207
Facility Registry ID: 110009469057
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1984-05-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200207
Facility Registry ID: 110009469057
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-08-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200207
Facility Registry ID: 110009469057
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

COYNE TEXTILE SERVICES (Continued) **1000311792**

Activity Date: 1987-09-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200207
Facility Registry ID: 110009469057
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-10-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200207
Facility Registry ID: 110009469057
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-09-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200207
Facility Registry ID: 110009469057
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1996-08-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200207
Facility Registry ID: 110009469057
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1993-03-30 00:00:00
Activity Status Date: 1993-03-30 00:00:00
Activity Group: Enforcement Action
Activity Type: Judicial
Activity Status: Closed

US AIRS MINOR:
Envid: 1000311792

COYNE TEXTILE SERVICES (Continued) **1000311792**

Region Code: 02
Programmatic ID: AIR NY0000009140200207
Facility Registry ID: 110009469057
D and B Number: Not reported
Primary SIC Code: 7218
NAICS Code: 812332
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 02
Programmatic ID: AIR NY0000009140200207
Facility Registry ID: 110009469057
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1984-05-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200207
Facility Registry ID: 110009469057
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-08-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200207
Facility Registry ID: 110009469057
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1987-09-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200207
Facility Registry ID: 110009469057
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-10-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

COYNE TEXTILE SERVICES (Continued) **1000311792**

Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200207
Facility Registry ID: 110009469057
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-09-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200207
Facility Registry ID: 110009469057
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1996-08-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200207
Facility Registry ID: 110009469057
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1993-03-30 00:00:00
Activity Status Date: 1993-03-30 00:00:00
Activity Group: Enforcement Action
Activity Type: Judicial
Activity Status: Closed

FINDS:

Registry ID: 110009469057

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource

COYNE TEXTILE SERVICES (Continued) **1000311792**

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

AIR MINOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000311792
Registry ID:	110009469057
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009469057

NY MANIFEST:

Country:	USA
EPA ID:	NYD092472869
Facility Status:	Not reported
Location Address 1:	21 MOORE STREET
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BUFFALO
Location State:	NY
Location Zip:	14204
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD092472869
Mailing Name:	COYNE TEXTILE SERVICES
Mailing Contact:	COYNE TEXTILE SERVICES
Mailing Address 1:	P. O. BOX 134
Mailing Address 2:	Not reported
Mailing City:	BUFFALO
Mailing State:	NY
Mailing Zip:	14205
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7168523082

NY MANIFEST:

Document ID:	PAC9709921
Manifest Status:	C
seq:	Not reported
Year:	1993
Trans1 State ID:	PAAH0172
Trans2 State ID:	Not reported
Generator Ship Date:	02/25/1993
Trans1 Recv Date:	02/25/1993

COYNE TEXTILE SERVICES (Continued) **1000311792**

Trans2 Recv Date:	/ /
TSD Site Recv Date:	03/01/1993
Part A Recv Date:	03/15/1993
Part B Recv Date:	03/12/1993
Generator EPA ID:	NYD092472869
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID 1:	PAD981737109
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D008 - LEAD 5.0 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00085
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

M68 **NFTA TRAIN TERMINAL** **NY LTANKS** **S102232938**
North **164 OHIO AT MICHIGAN ST** **N/A**
1/4-1/2 **BUFFALO, NY**
0.385 mi.
2032 ft. **Site 1 of 2 in cluster M**

Relative: LTANKS:
Lower

Actual: Facility ID:	9512605
579 ft. Site ID:	191168
Closed Date:	1996-09-25
Spill Number:	9512605
Spill Date:	1995-12-20
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	1502
Investigator:	PRINGLE
Referred To:	Not reported
Reported to Dept:	1996-01-10

NFTA TRAIN TERMINAL (Continued) **S102232938**

CID:	266
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	1996-05-07
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1996-01-10
Spill Record Last Update:	1996-10-02
Spiller Name:	MARK CLARK
Spiller Company:	NFTA METRO SYSTEMS
Spiller Address:	181 ELLICOTT STREET
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	9
DER Facility ID:	159463
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MNP 01/10/96: MNP TELECON W/ MARK CLARK - NFTA METRO. TANK FAILED INITIAL TEST 12/20/95. PLAN TO RETEST OR REMOVE AT SAME TIME AS ANOTHER TANK ALREADY SUBMITTED OUT TO BID. SENDING LETTER. 01/11/96: INITIAL TANK RETEST OR REMOVAL LETTER REQUESTING SCHEDULE BY 1/25/96. 01/25/96: MNP TELECON W/ MARK CLARK - NFTA METRO. RECEIVED BID TO REMOVE OTHER TANK, BUT THERE MAY BE A PROBLEM W/ LOW BIDDER. IF EVERYTHING IS OK, HE WILL SUBMIT A CHANGE ORDER TO INCLUDE REMOVAL OF THE FAILED WASTE OIL TANK. OTHERWISE, THEY WILL EITHER ISOLATE & RETEST OR REMOVE UNDER EMERGENCY CONTRACT. HE AGREED TO RESPOND W/ SCHEDULE BY 2/2/96. 02/02/96: RECEIVED FAX COPY OF LETTER FROM IT. TANK TO BE REMOVED MARCH 1996. NFTA TO MONITOR TANK W/ MANUAL INVENTORY. 02/05/96: MNP TELECON W/ MARK CLARK - NFTA. TANK CLOSURE IN 3/96 IS OK, BUT TANK MUST BE EMPTIED ASAP. CLARK SAID HE WILL HAVE TANK EMPTIED BY 2/9/96 & WILL CALL BACK TO CONFIRM. NFTA TO SUBMIT THE TANK REMOVAL SCHEDULE AFTER CONTRACTOR BID PROCESS IS COMPLETE. 03/13/96: PHONE MESSAGE FROM MARK CLARK - NFTA. HE ORDERED A FIBERGLASS REPLACEMENT TANK, BUT MAY NOT BE READY TO INSTALL BY END OF MARCH. FAILED TANK EMPTIED & OUT OF SERVICE AS OF 2/9/96. 05/06/96: MNP TELECON W/ JIM WEHNER - ESG. HIRED TO REMOVE WASTE OIL TANK, INSTALL NEW TANK & CLOSE 10,000 GAL DIESEL TANK IN PLACE STARTING TOMORROW. 05/07/96: MNP TELECON W/ MARK CLARK - NFTA. HE AGREED TO NOTIFY ME WHEN READY AN INSPECTION. 05/07/96: MNP INSP. MET W/ MARK CLARK - NFTA & DAVE MENDELL - ESG. NO VISIBLE CONTAMINATION IN WASTE OIL TANK PIT. GW IN BOTTOM OF EXCAVATION. ESG TO COLLECT GW SAMPLE FOR EPA METHODS 8021 & 8270, STARS #1, ANALYSIS. ALSO, 10,000 GAL DIESEL TANK TOP PARTIALLY EXPOSED. NO VISIBLE PETROLEUM CONTAMINATION OBSERVED. 08/05/96: PHONE MESSAGE FROM MARK CLARK - NFTA. HE'S READY TO CLOSE SITE, WANTS TO KNOW IF DEC IS SATISFIED. 08/09/96: MNP TELECON TO MARK CLARK - NFTA. NOT IN, LEFT MESSAGE TO RETURN CALL. 08/15/96: MNP TELECON W/ MARK CLARK - NFTA. I TOLD HIM WE NEED TANK PIT SAMPLE RESULTS. IF THEY MEET DEC GUIDANCE VALUES SITE CAN BE CLOSED. HE WILL FAX COPY. 08/15/96: RECEIVED FAX COPY OF TANK PIT SAMPLE RESULTS. 09/25/96: MNP REVIEWED ACTS 5/24/96 SAMPLE REPORT RECEIVED ON8/15/96. SAMPLE RESULTS MEET STARS #1 FOR 550 & 10,000 GAL. TANKS. NO CONTAMINATED SOIL FOUND DURING TANK CLOSURE. NO FURTHER WORK NEEDED. SENDING CLOSURE LETTER, COMPLETE."
Remarks:	"FAILED TANK TEST."

NFTA TRAIN TERMINAL (Continued) **S102232938**

All TTF:

Facility ID:	9512605
Spill Number:	9512605
Spill Tank Test:	1544351
Site ID:	191168
Tank Number:	2
Tank Size:	550
Material:	0022
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	191168
Operable Unit ID:	1023706
Operable Unit:	01
Material ID:	356351
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

M69 **FRANKLIN TRUCKING** **NY LTANKS** **U003318139**
North **212 OHIO STREET** **NY Spills** **N/A**
1/4-1/2 **BUFFALO, NY**
0.391 mi.
2064 ft. **Site 2 of 2 in cluster M**

Relative: LTANKS:
Lower

Actual: Facility ID:	9307816
580 ft. Site ID:	108705
Closed Date:	1996-05-24
Spill Number:	9307816
Spill Date:	1993-09-24
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	1996-05-24
SWIS:	1502
Investigator:	FXGALLEG
Referred To:	Not reported
Reported to Dept:	1993-09-27
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other

FRANKLIN TRUCKING (Continued) **U003318139**

Last Inspection:	1995-07-26
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1993-09-29
Spill Record Last Update:	1999-10-08
Spiller Name:	FRANCIS SANTILLO
Spiller Company:	FRANKLIN TRUCKING
Spiller Address:	212 OHIO STREET
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	9
DER Facility ID:	95515
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was FG 11/17/93: 11/17/93 MNP TELECON W/ DENISE SCHELLING OF FRANKLIN TRUCKING. TANK ALREADY REMOVED. EXCAVATION OPEN. NEED TO CALL STEVE COOPER FOR MORE INFO. 11/17/93: 11/17/93 MNP TELECON W/ STEVE COOPER OF NIAGARA TANK. TANK PULLED 11/11/93. NO CONTAM. SOIL REMOVED YET. COOPER SAID THER WAS ODOR IN SOIL. SAMPLES TAKEN & SENT TO LAB. 01/26/94: MF/1-26-94 SITE VISIT - EXCAVATION BACKFILLED; SOIL STOCKPILED ON-SITE. ANALYTICAL FOR SOILS WERE SUBMITTED. 02/01/94: MNP/STEVE COOPER, NIAGARA TANK/TELECON - HE ADVISED 1 SAMPLE FROM BOTTOM OF EXCAVATION & 2 FROM SIDE. ADVISED HE COULD EXCAVATE ADDITIONAL SOIL & RESAMPLE FOR TCLP. WILL ADVISE OF FURTHER ACTION. 03/10/94: MNP SENT LTR TO FRANKLIN REQUESTING ADDL SAMPLING AND SOIL DISPOSAL. RESPONSE TO INCLUDE WP FOR WORK DUR 4/5/94. 04/05/94: SITE TO BE MADE INACTIVE AFTER SOIL DISPOSAL COMPLETE BECAUSE TCLP LEVELS WERE LOW ON RESAMPLING IN EXCAVATION. 05/31/94: MNP SENT LTR REQUESTION BIOREMEDIATION PROPOSAL BY 6/15/94. 07/20/94: MNP SITE VISIT 7/15/94. BIO PILE SET UP-AERATION CONSTANT. PILE IS 5 FT HIGH. J. SANTILLO SAID OTHER UST TO BE REMOVED IN 2 WEEKS & PUMPS TOO. WILL BE USING A NEWLY INSTALLED AST. 08/30/94: MNP SITE VISIT 8/30/94. BIO PILE FOR DIESEL CONTAM SOIL HAS NOT BEEN SET UP YET. 10/24/94: MNP SITE VISIT 10/21/94. BIO PILE FOR DIESEL CONTAM SOIL HAS BEEN SET UP. SLOTTED PIPE PLACED ON BOTTOM OF PILE FOR AERATION. BUGS TO BE APPLIED IN LATE SPRING '95. 06/01/95: RNL SITE VISIT 6/1/95. BIOPILE HAS BEEN UNTOUCHED. SEND LTR-TREATMENT OR DISPOSAL. 06/21/95: WASTE STREAM TO COMPLETE BIOREMEDIATION. LTR SUBMITTED BY THEM ON SCHEDULE. 07/26/95: MNP SITE VISIT 7/26/95. MET J. SANTILLO. BIO SYSTEM OPERATIONAL. WILL BE SAMPLING PILE IN SEVERAL WEEKS. 12/4/95 JOE FROM FRANKLIN TRUCKING CALLED. HE WILL SAMPLE THE PILE- THE END OF DECEMBER & WILL GET RESULTS TO US BY MID JANUARY. HE SAID WASTE STREAM TOLD HIM TO CONTINUE TO ADD NUTRIENTS/BACTERIA UNTIL THEN. 3/12/96 LTR SENT TO FRANKLIN TRUCKING REQUESTING SAMPLE RESULTS FROM BIO PILE. RESPONSE DUE BY 3/27/96. 3/29/96 JOE FROM FRANKLIN TRUCKING CALLED TO SAY HE HAD TWO MORE APPLICATIONS TO COMPLETE AND WILL THEN SAMPLE THE SOIL ON 5/3/96 AND SUBMIT RESULTS. 4/24/96 FRANK GENEK FROM WASTE STREAM CALLED TO SAY THAT HE WILL SAMPLE THE SOIL PILE FOR CLOSURE BY 4/29/96 AND WILL SUBMIT RESULTS. 5/3/96 FRANK GENEK FROM WASTE STREAM CALLED. CONFIRMATORY SAMPLES WERE COLLECTED FROM THE SOIL PILE ON 5/2/96. RESULTS SHOULD BE AVAILABLE BY NEXT WEEK. 5/24/96 DIESEL BIOPILE RESULTS RECD. ALL BELOW STARS. DIESEL FORMER UST EXCAVATION RESULTS BELOW STARS. GAS FORMER UST EXCAVATION RESULTS SLIGHTLY EXCEED STARS. GAS BIOPILE BELOW STARS FOR 8021. NO FURTHER

FRANKLIN TRUCKING (Continued) **U003318139**

WORK IS REQUIRED. SITE CAN BE MADE INACTIVE."
Remarks: "TANK TEST FAILED. OWNER PLANS TO REMOVE TANK ASAP."

All TTF:
Facility ID: 9307816
Spill Number: 9307816
Spill Tank Test: 1542039
Site ID: 108705
Tank Number: Not reported
Tank Size: 0
Material: 0009
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 108705
Operable Unit ID: 989020
Operable Unit: 01
Material ID: 394069
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

SPILLS:
Facility ID: 8710386
Facility Type: ER
Spill Number: 8710386
DER Facility ID: 95515
Site ID: 108704
DEC Region: 9
Closed Date: 1989-01-05
Spill Cause: Deliberate
Spill Class: Not reported
SWIS: 1502
Spill Date: 1988-03-02
Investigator: MXFRANKS
Referred To: Not reported
Reported to Dept: 1988-03-11
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Citizen
Cleanup Ceased: 1989-01-05

FRANKLIN TRUCKING (Continued) **U003318139**

Cleanup Meets Std:	True
Last Inspection:	1988-06-08
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1988-03-14
Spill Record Last Update:	2002-03-18
Spiller Name:	Not reported
Spiller Company:	FRANKLIN TRUCKING
Spiller Address:	212 OHIO STREET
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MF 03/14/88: MF TO INVESTIGATE. 03/14/88: MF SITE VISIT/RON SANTILLO, HE CLAIMED HIS EMPLOYEES DUMPED 1 BARREL OF USED MOTOR OIL (THEY NEEDED THE BARREL). I TOLD HIM I WILL BE BACK FRIDAY TO EXPLAIN CLEANUP. 03/18/88: MF SITE VISIT/RON SANTILLO TOLD HIM WHAT IS REQUIRED OF HIM TO CLEAN UP AREA ALSO SENT HIM A LETTER ABOUT SAME. AREA IN QUESTION APPX 50 FEET SQUARE. 03/21/88: MF UNABLE TO FIND REGISTRATION # FOR THIS FACILITY, SENT LETTER TO REGISTER TANKS. 05/11/88: MF TELECON GARY (ELMWOOD TANK), THEY JUST GOT THE COPY OF ANALYSIS, JOE KLOC WILL GET BACK TO ME ASAP AS TO WHEN JOB WILL START. 05/12/88: MF SITE VISIT/JOE KLOC, FRANK & RON SANTILLO. I TOLD THEM WHAT SOIL I WANTED REMOVED & THAT I WANT THE WORK TO START NO LATER THEN NEXT WEEK. 06/08/88: MF SITE VISIT/FRANK SANTILLO, CONTAMINATED AREA EXCAVATED & SOIL STOCKPILED. DISPOSAL OF SOIL IN PROCESS. HE HAS ANALYSIS RESULTS. 07/05/88: MF TELECON FRANK SANTILLO, HE CLAIMED HE IS WAITING FOR PAPER WORK TO BE RETURNED FROM DEC. 09/14/88: MF TELECON RON SANTILLO, HE CLAIMED A PH TEST WAS REQUIRED BY MODERN LANDFILL, TEST IS COMPLETE, THEY ARE AWAITING WORD FROM MODERN. 09/30/88: MF TELECON RON, HE CLAIMED PAPER WORK IS IN THE HANDS OF THE DEC. 10/21/88: MF TELECON RON SANTILLO, HE CLAIMED SOIL WAS REMOVED YESTERDAY. HE WILL SEND ME RECEIPTS AS SONN AS HE RECEIVES THEM. 11/10/88: MF TELECON FRANK, HE CLAIMES HE DIDN'T GET THE DISPOSAL RECEIPT FROM THE LANDFILL AS OF YET. HE WILL FOWARD IT AND LAB RESULTS. HE WILL CALL LANDFILL TODAY. 12/12/88: MF RECEIVED DISPOSAL RECEIPT. TELECON RON TOLD HIM I NEED LAB RESULTS, HE WILL SEND THEM ASAP. 01/05/89: MF TELECON RON SANTILLO. HE CLAIMED HE WILL FAX ME A COPY OF LAB RESULTS. 01/05/89: MF RECEIVED LAB RESULTS. NO FUTHER ACTION NECESSARY. "
Remarks:	"EX EMPLOYEE (KEVIN COLE) CLAIMS FRANKLIN TRUCKING ASKED HIM TO DUMP 3 DRUMS OF USED MOTOR OIL ON THE GROUND, HE REFUSED, ANOTHER EMPLOYEE DUMPED THE OIL."

All Materials:

Site ID:	108704
Operable Unit ID:	916094
Operable Unit:	01
Material ID:	570935
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	165.00
Units:	G
Recovered:	164.00
Oxygenate:	Not reported

N70 **VALSPAR CORP** **NY LTANKS** **1004761481**
SSE **710 OHIO ST SITE A** **NY CBS** **NYR000087304**
1/4-1/2 **BUFFALO, NY 14203** **NY INST CONTROL**
0.395 mi. **NY VCP**
2086 ft. **Site 1 of 2 in cluster N** **NY Spills**
RCRA NonGen / NLR
Relative: **FINDS**
Lower **ECHO**
NY MANIFEST
Actual:
583 ft.

LTANKS:

Facility ID:	9106398
Site ID:	296057
Closed Date:	1993-01-15
Spill Number:	9106398
Spill Date:	1991-09-13
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	1993-01-15
SWIS:	1502
Investigator:	SORGI
Referred To:	Not reported
Reported to Dept:	1991-09-13
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	1992-09-30
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1991-09-24
Spill Record Last Update:	1993-01-15
Spiller Name:	Not reported
Spiller Company:	PIERCE AND STEVENS
Spiller Address:	PO BOX 1092
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	9
DER Facility ID:	239586
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MJS 09/16/91: MJS SITE INSPECT. DUG UP AREA TO TO BURY CONCRETE PIECES. FOUND CONT SOIL. RAN QC ON MATERIAL AND CAME UP WITH MINERAL SPIRITS. 09/18/91: RECEIVED LETTER FROM KEVIN JOHNSTON EXPLAINING REMEDIATION PLANS. 09/24/91: MJS SITE INSPECT. CONTAMINATION EXCAVATED AND STAGED ON PLASTIC. LIMITS OF CONTAMINATION IDENTIFIED. LANDFILL TO BE CONTACTED FOR ANALYTICAL REQUIREMENTS FOR DISPOSAL. 10/04/91: OPTION LETTER TO PRATT AND LAMBERT(KEVIN JOHNSTON). 04/27/92: MJS,MJH MEETING AT PIERCE AND STEVENS. DISCUSSED OPTIONS FOR REMEDIATION. LETTER TO PIERCE AND STEVENS. 07/21/92: LETTER TO RP REQUESTING REMEDIAL PLANS. 08/07/92: RECEIVED LETTER FROM PIERCE AND STEVENS. SOIL TO BE RECYLCLED TO ASPHAULT. CONTRACT WITH WASTE STREAM HAS BEEN SIGNED. THEY WILL INFORM WHEN DATE IS SET. 09/25/92: MJS TELECON FROM JIM D. WORK TO BEGIN 9/30 OR 10/1. HE WILL CALL WHEN DATE KNOWN. 09/30/92: MJS,SAC SITE INSPECT. MET WITH JIM D. WASTE STREAM ON SITE WITH PUG MILL. CONT SOIL HAS BEEN MIXED WITH STONE

VALSPAR CORP (Continued) **1004761481**

ALREADY AND BEING PROCESSED. PICTURES TAKEN. JIM D. TO CONTACT ME WHEN ASPHAULT TO BE PUT. 10/13/92: RECEIVED MESSAGE THAT ASPHAULT IS BEING PUT DOWN TODAY. 11/17/92: MJS TELECON TO MIKE BARNHART ATR WASTESTREAM TECHNOLOGY. ASKED HIM TO FORWARD FINAL SAMPLE RESULTS ON PROCESSED SOIL. FILE CAN BE CLOSED AT THAT TIME. 11/19/92: MJS TELECON WITH WASTESTREAM. SAMPLES ARE DUE NEXT WEEK. HE WILL FORWARD COPIES WHEN RECEIVED. 11/30/92: MJS TELEECON WITH WASTESTREAM TECH. EXTRACTION PROCEDURE ON FINAL SAMPLES BEING DONE TODAY. HE WILL FORWARD RESULTS WHEN AVAILABLE. 12/15/92: MJS - RECEIVED SAMPLE RESULTS. ONE SAMPLE HAS VIOLATION OF BENZENE AT 8.2 PPB (0.7 PPB GUIDANCE VALUE). 01/15/93: RECEIVED RETEST RESULTS. ALL PARAMETERS OK. NO FURTHER ACTION NEEDED. MJS TO CLOSE FILE. 09/29/95: This is additional information about material spilled from the translation of the old spill file: MINERAL SPIRITS"

Remarks: "RENOVATING AREA - DUG UP CONTAMINATED SOIL. SUSPECT SPILLAGE FROM OLD TANK."

Facility ID:	9212797
Site ID:	296058
Closed Date:	1993-05-17
Spill Number:	9212797
Spill Date:	1993-02-10
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	1993-05-17
SWIS:	1502
Investigator:	SORGI
Referred To:	Not reported
Reported to Dept:	1993-02-10
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	1993-02-11
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1993-02-16
Spill Record Last Update:	1993-05-24
Spiller Name:	Not reported
Spiller Company:	PIERCE & STEVENS
Spiller Address:	PO BOX 1092
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	9
DER Facility ID:	239586
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MJS 02/11/93: MJS SITE INSPECT/MEETING. 2 DRUMS PRODUCT COLLECTED. 1 DRUM OF SORBENTS. PRODUCT TO BE RECYCLED AND SORBENTS INCINERATED. CLEANED UP BY ON SITE RESPONSE TEAM. NO SOIL REMOVAL NECESSARY. 02/12/93: LETTER TO RP REQUESTING INCIDENT REPORT AND RECYCLING AND DISPOSAL PLANS. 02/26/93: RECEIVED LETTER FROM PIERCE AND STEVENS. COLLECTED PRODUCT WILL BE REUSED IN PLANT OPERATIONS AND SOLIDS WILL BE INCINERATED. RP WILL FORWARD MANIFESTS WHEN AVAILABLE. 05/17/93:

VALSPAR CORP (Continued) **1004761481**

MJS RECEIVED LETTER AND DISPOSAL MANIFEST FOR WASTE MATERIAL. NO FURTHER ACTION NECESSARY. MJS TO CLOSE FILE. "

Remarks: "800 LBS. TOLUENE SPILLED TO CLAY DIKE DURING PRODUCT TRANSFER FROM TANKER TO ABOVE-GROUND TANK. COMPLETELY CONTAINED INSIDE DIKE."

All Materials:

Site ID:	296058
Operable Unit ID:	977191
Operable Unit:	01
Material ID:	402625
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	800.00
Units:	L
Recovered:	800.00
Oxygenate:	Not reported

CBS:

CBS Number:	9-000117
Program Type:	CBS
Facility Status:	Inactive
Expiration Date:	Not reported
Dec Region:	9
UTMX:	184155.88051
UTMY:	4752318.63023

INST CONTROL:

Site Code:	56884
Control Name:	Monitoring Plan
HW Code:	V00215
Control Code:	31
Control Type:	INST
Dt record added:	10/21/2010
Dt rec updated:	01/06/2014
Updated By:	SRHEIGEL
Site Code:	56884
Site Description:	Location: The Sovereign Specialty Chemical (Sovereign) VCP Site is a 1.26 acre area that is part of a 6.3-acre active industrial facility (SBL: 122.18-2-2) located at 710 Ohio Street in Buffalo. The site and plant is located in a highly industrialized corridor of the City of Buffalo. Site Features: The site is less than 500’ east of a ship canal which connects to the Buffalo Outer Harbor and approximately 600’ west of the Buffalo River. The site is bounded on the east by CSX railroad tracks, on the west by Ohio St., on the south by the manufacturing portion of the facility, and on the north by Rigidized Metals Corp., a metal processing facility. Current Zoning and Land Use: The site is zoned for industrial purposes. Past Use of the Site: The Sovereign industrial facilities were initially constructed in 1924 and underwent several updates and modifications through the years. An above ground tank farm was constructed in the mid-1960s to store bulk chemicals used in manufacturing of paints and adhesives. The VCP site consists of the footprint of a former tank farm area and partially encompasses a portion of the industrial facility property. Spills and leakages from the tank farm area have lead to on-site

VALSPAR CORP (Continued) **1004761481**

contamination. The site subject to the VCP agreement is currently being managed as single operable unit. Operable Unit 1 (OU1) is the on-site source area. The Sovereign site was owned and operated by the Henkel Corporation. A plant wide Phase 1 and Phase 2 ESA was performed in 1996. The ESAs revealed impacts to soil and groundwater from volatile and semi-volatile organic compounds. A Tank Farm Interim Remedial Measure Plan was undertaken to upgrade Sovereign s tank farm to comply with the standards for new or substantially modified hazardous substance storage facilities under the Chemical Bulk Storage (CBS) regulations. The work was performed as an Interim Remedial Measure under a negotiated consent order and consisted of removal of the existing tank farm, construct a new tank farm to standards in the CBS regulations, excavation of contaminated soil, submitting a workplan for site investigation for the balance of the tank farm area, completing a site investigation, and preparing and implementing, as needed, a Remedial Action Plan (RAP) required for the balance of the tank farm. The tank farm upgrade and initial removal action was completed in 1999. A high vacuum extraction (HVE) system was installed. The HVE system extracted VOC vapors in the soil vadose zone in the contaminated areas and the extracted vapors were treated to remove the VOCs before release. The HVE system included a groundwater treatment component to treat VOC contaminated groundwater. The HVE and groundwater treatment systems were operated and monitored from 2004 to 2010. In March 2010, the NYSDEC approved the request to discontinue the operation of the remedial systems, but required the continuation of the groundwater monitoring program as defined in the Operations, Maintenance and Monitoring plan. The frequency of sampling was limited to annual sampling. The DEC issued a Covenant-Not-to-Sue letter in February 2010. Site Geology and Hydrogeology: The fill is underlain with native soil consisting of silty clay. The depth to the local limestone bedrock was not confirmed. Groundwater is relatively shallow at the site (5 to 7 feet below ground surface). The groundwater gradient is relatively flat. Flow direction is generally toward the west toward Lake Erie. Some variability in the groundwater flow direction has been observed and may be due to local influences from the Buffalo River.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: Based upon investigations to date prior to remediation, the primary contaminants of concern at the site include VOCs (Toluene, Methyl Ethyl Ketone, Xylene, Cyclohexane, Methylcyclohexane, and Toluene). The site contains 6 to 8 feet of industrial fill (slag, cinders, ash, stone and demolition debris). The fill may be the source of low levels of several SVOCs. There is no evidence the contaminated groundwater at the site is impacting the Buffalo River. The western most monitoring well on the site does not indicate any groundwater impacts. Annual conditions and monitoring reports were submitted for operating periods from 2006 through 2008. The results of the sampling and evaluation to assess the effectiveness of the remedial measures reveals that there is has been a reduction in residual VOCs in soil and groundwater at the site. More information regarding the site can be found in the documents placed in the Site Document Repository.

Health Problem: The remedial activities completed at the site have mitigated the potential for exposure.

Dump: False
Structure: False
Lagoon: False
Landfill: False

VALSPAR CORP (Continued) **1004761481**

Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 9/8/2009 4:00:00 PM
Record Upd: 9/8/2009 4:00:00 PM
Updated By: ewmelnyk
Own Op: Owner
Sub Type: 06
Owner Name: Jerome Williams
Owner Company: Apollo Services, Inc.
Owner Address: 4511 Hyde Park Boulevard
Owner Addr2: Not reported
Owner City,St,Zip: Niagara Falls, NY 14305
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: 06
Owner Name: Mr. Richard S. Smith, III
Owner Company: 710 Ohio Street, LLC
Owner Address: 658 Ohio Street
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Owner
Sub Type: 06
Owner Name: Mr. Richard S. Smith, III
Owner Company: 710 Ohio Street, LLC
Owner Address: 658 Ohio Street
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
HW Code: V00215
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: ACETONE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: CYCLOHEXANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: 1,1-DICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215

VALSPAR CORP (Continued) **1004761481**

Waste Type: CHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: CHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: METHYLENE CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: METHYLENE CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: 1,1,1-TRICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 00-TEMP-02-92(R
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 11/30/2000 4:07:00 PM
Record Updated: 2/24/2005 3:54:00 PM
Updated By: VCPTRANS
Crossref ID: 00-TEMP-01-10(I
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 11/30/2000 4:07:00 PM
Record Updated: 2/24/2005 3:54:00 PM
Updated By: VCPTRANS
Crossref ID: 915528
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 3/30/2006 2:39:00 PM
Record Updated: 3/30/2006 2:39:00 PM
Updated By: AJENGLIS

Site Code: 56884
Control Name: Deed Notice
HW Code: V00215
Control Code: 24
Control Type: INST
Dt record added: 09/14/2009
Dt rec updated: 03/09/2010
Updated By: MLDOSTER
Site Code: 56884
Site Description: Location: The Sovereign Specialty Chemical (Sovereign) VCP Site is a 1.26 acre area that is part of a 6.3-acre active industrial facility

VALSPAR CORP (Continued) **1004761481**

(SBL: 122.18-2-2) located at 710 Ohio Street in Buffalo. The site and plant is located in a highly industrialized corridor of the City of Buffalo. Site Features: The site is less than 500' east of a ship canal which connects to the Buffalo Outer Harbor and approximately 600' west of the Buffalo River. The site is bounded on the east by CSX railroad tracks, on the west by Ohio St., on the south by the manufacturing portion of the facility, and on the north by Rigidized Metals Corp., a metal processing facility. Current Zoning and Land Use: The site is zoned for industrial purposes. Past Use of the Site: The Sovereign industrial facilities were initially constructed in 1924 and underwent several updates and modifications through the years. An above ground tank farm was constructed in the mid-1960s to store bulk chemicals used in manufacturing of paints and adhesives. The VCP site consists of the footprint of a former tank farm area and partially encompasses a portion of the industrial facility property. Spills and leakages from the tank farm area have lead to on-site contamination. The site subject to the VCP agreement is currently being managed as single operable unit. Operable Unit 1 (OU1) is the on-site source area. The Sovereign site was owned and operated by the Henkel Corporation. A plant wide Phase 1 and Phase 2 ESA was performed in 1996. The ESAs revealed impacts to soil and groundwater from volatile and semi-volatile organic compounds. A Tank Farm Interim Remedial Measure Plan was undertaken to upgrade Sovereign s tank farm to comply with the standards for new or substantially modified hazardous substance storage facilities under the Chemical Bulk Storage (CBS) regulations. The work was performed as an Interim Remedial Measure under a negotiated consent order and consisted of removal of the existing tank farm, construct a new tank farm to standards in the CBS regulations, excavation of contaminated soil, submitting a workplan for site investigation for the balance of the tank farm area, completing a site investigation, and preparing and implementing, as needed, a Remedial Action Plan (RAP) required for the balance of the tank farm. The tank farm upgrade and initial removal action was completed in 1999. A high vacuum extraction (HVE) system was installed. The HVE system extracted VOC vapors in the soil vadose zone in the contaminated areas and the extracted vapors were treated to remove the VOCs before release. The HVE system included a groundwater treatment component to treat VOC contaminated groundwater. The HVE and groundwater treatment systems were operated and monitored from 2004 to 2010. In March 2010, the NYSDEC approved the request to discontinue the operation of the remedial systems, but required the continuation of the groundwater monitoring program as defined in the Operations, Maintenance and Monitoring plan. The frequency of sampling was limited to annual sampling. The DEC issued a Covenant-Not-to-Sue letter in February 2010. Site Geology and Hydrogeology: The fill is underlain with native soil consisting of silty clay. The depth to the local limestone bedrock was not confirmed. Groundwater is relatively shallow at the site (5 to 7 feet below ground surface). The groundwater gradient is relatively flat. Flow direction is generally toward the west toward Lake Erie. Some variability in the groundwater flow direction has been observed and may be due to local influences from the Buffalo River.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: Based upon investigations to date prior to remediation, the primary contaminants of concern at the site include VOCs (Toluene, Methyl Ethyl Ketone, Xylene, Cyclohexane, Methylcyclohexane, and Toluene). The site contains 6 to 8 feet of industrial fill (slag, cinders, ash, stone

VALSPAR CORP (Continued) **1004761481**

and demolition debris). The fill may be the source of low levels of several SVOCs. There is no evidence the contaminated groundwater at the site is impacting the Buffalo River. The western most monitoring well on the site does not indicate any groundwater impacts. Annual conditions and monitoring reports were submitted for operating periods from 2006 through 2008. The results of the sampling and evaluation to assess the effectiveness of the remedial measures reveals that there is has been a reduction in residual VOCs in soil and groundwater at the site. More information regarding the site can be found in the documents placed in the Site Document Repository.

Health Problem: The remedial activities completed at the site have mitigated the potential for exposure.
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 9/8/2009 4:00:00 PM
Record Upd: 9/8/2009 4:00:00 PM
Updated By: ewmelnyk
Own Op: Owner
Sub Type: 06
Owner Name: Jerome Williams
Owner Company: Apollo Services, Inc.
Owner Address: 4511 Hyde Park Boulevard
Owner Addr2: Not reported
Owner City,St,Zip: Niagara Falls, NY 14305
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: 06
Owner Name: Mr. Richard S. Smith, III
Owner Company: 710 Ohio Street, LLC
Owner Address: 658 Ohio Street
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Owner
Sub Type: 06
Owner Name: Mr. Richard S. Smith, III
Owner Company: 710 Ohio Street, LLC
Owner Address: 658 Ohio Street
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
HW Code: V00215
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: ACETONE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215

VALSPAR CORP (Continued) **1004761481**

Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: CYCLOHEXANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: 1,1-DICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: CHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: CHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: METHYLENE CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: METHYLENE CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: 1,1,1-TRICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 00-TEMP-02-92(R
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 11/30/2000 4:07:00 PM
Record Updated: 2/24/2005 3:54:00 PM
Updated By: VCPTRANS
Crossref ID: 00-TEMP-01-10(I
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 11/30/2000 4:07:00 PM
Record Updated: 2/24/2005 3:54:00 PM
Updated By: VCPTRANS
Crossref ID: 915528
Cross Ref Type Code: 02

VALSPAR CORP (Continued) **1004761481**

Cross Ref Type: HW Site ID
Record Added Date: 3/30/2006 2:39:00 PM
Record Updated: 3/30/2006 2:39:00 PM
Updated By: AJENGLIS

Site Code: 56884
Control Name: Local Groundwater Restriction
HW Code: V00215
Control Code: 29
Control Type: INST
Dt record added: 09/14/2009
Dt rec updated: 03/09/2010
Updated By: MLDOSTER
Site Code: 56884
Site Description: Location: The Sovereign Specialty Chemical (Sovereign) VCP Site is a 1.26 acre area that is part of a 6.3-acre active industrial facility (SBL: 122.18-2-2) located at 710 Ohio Street in Buffalo. The site and plant is located in a highly industrialized corridor of the City of Buffalo. Site Features: The site is less than 500' east of a ship canal which connects to the Buffalo Outer Harbor and approximately 600' west of the Buffalo River. The site is bounded on the east by CSX railroad tracks, on the west by Ohio St., on the south by the manufacturing portion of the facility, and on the north by Rigidized Metals Corp., a metal processing facility. Current Zoning and Land Use: The site is zoned for industrial purposes. Past Use of the Site: The Sovereign industrial facilities were initially constructed in 1924 and underwent several updates and modifications through the years. An above ground tank farm was constructed in the mid-1960s to store bulk chemicals used in manufacturing of paints and adhesives. The VCP site consists of the footprint of a former tank farm area and partially encompasses a portion of the industrial facility property. Spills and leakages from the tank farm area have lead to on-site contamination. The site subject to the VCP agreement is currently being managed as single operable unit. Operable Unit 1 (OU1) is the on-site source area. The Sovereign site was owned and operated by the Henkel Corporation. A plant wide Phase 1 and Phase 2 ESA was performed in 1996. The ESAs revealed impacts to soil and groundwater from volatile and semi-volatile organic compounds. A Tank Farm Interim Remedial Measure Plan was undertaken to upgrade Sovereign s tank farm to comply with the standards for new or substantially modified hazardous substance storage facilities under the Chemical Bulk Storage (CBS) regulations. The work was performed as an Interim Remedial Measure under a negotiated consent order and consisted of removal of the existing tank farm, construct a new tank farm to standards in the CBS regulations, excavation of contaminated soil, submitting a workplan for site investigation for the balance of the tank farm area, completing a site investigation, and preparing and implementing, as needed, a Remedial Action Plan (RAP) required for the balance of the tank farm. The tank farm upgrade and initial removal action was completed in 1999. A high vacuum extraction (HVE) system was installed. The HVE system extracted VOC vapors in the soil vadose zone in the contaminated areas and the extracted vapors were treated to remove the VOCs before release. The HVE system included a groundwater treatment component to treat VOC contaminated groundwater. The HVE and groundwater treatment systems were operated and monitored from 2004 to 2010. In March 2010, the NYSDEC approved the request to discontinue the operation of the remedial systems, but

VALSPAR CORP (Continued) **1004761481**

required the continuation of the groundwater monitoring program as defined in the Operations, Maintenance and Monitoring plan. The frequency of sampling was limited to annual sampling. The DEC issued a Covenant-Not-to-Sue letter in February 2010. Site Geology and Hydrogeology: The fill is underlain with native soil consisting of silty clay. The depth to the local limestone bedrock was not confirmed. Groundwater is relatively shallow at the site (5 to 7 feet below ground surface). The groundwater gradient is relatively flat. Flow direction is generally toward the west toward Lake Erie. Some variability in the groundwater flow direction has been observed and may be due to local influences from the Buffalo River.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: Based upon investigations to date prior to remediation, the primary contaminants of concern at the site include VOCs (Toluene, Methyl Ethyl Ketone, Xylene, Cyclohexane, Methylcyclohexane, and Toluene). The site contains 6 to 8 feet of industrial fill (slag, cinders, ash, stone and demolition debris). The fill may be the source of low levels of several SVOCs. There is no evidence the contaminated groundwater at the site is impacting the Buffalo River. The western most monitoring well on the site does not indicate any groundwater impacts. Annual conditions and monitoring reports were submitted for operating periods from 2006 through 2008. The results of the sampling and evaluation to assess the effectiveness of the remedial measures reveals that there is has been a reduction in residual VOCs in soil and groundwater at the site. More information regarding the site can be found in the documents placed in the Site Document Repository.

Health Problem: The remedial activities completed at the site have mitigated the potential for exposure.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 9/8/2009 4:00:00 PM
Record Upd: 9/8/2009 4:00:00 PM
Updated By: ewmelnyk
Own Op: Owner
Sub Type: 06
Owner Name: Jerome Williams
Owner Company: Apollo Services, Inc.
Owner Address: 4511 Hyde Park Boulevard
Owner Addr2: Not reported
Owner City,St,Zip: Niagara Falls, NY 14305
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: 06
Owner Name: Mr. Richard S. Smith, III
Owner Company: 710 Ohio Street, LLC
Owner Address: 658 Ohio Street
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Owner

VALSPAR CORP (Continued) **1004761481**

Sub Type: 06
Owner Name: Mr. Richard S. Smith, III
Owner Company: 710 Ohio Street, LLC
Owner Address: 658 Ohio Street
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
HW Code: V00215
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: ACETONE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: CYCLOHEXANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: 1,1-DICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: CHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: CHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: METHYLENE CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: METHYLENE CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: 1,1,1-TRICHLOROETHANE

VALSPAR CORP (Continued) **1004761481**

Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 00-TEMP-02-92(R
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 11/30/2000 4:07:00 PM
Record Updated: 2/24/2005 3:54:00 PM
Updated By: VCPTRANS
Crossref ID: 00-TEMP-01-10(I
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 11/30/2000 4:07:00 PM
Record Updated: 2/24/2005 3:54:00 PM
Updated By: VCPTRANS
Crossref ID: 915528
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 3/30/2006 2:39:00 PM
Record Updated: 3/30/2006 2:39:00 PM
Updated By: AJENGLIS

Site Code: 56884
Control Name: Zoning Restriction
HW Code: V00215
Control Code: 06
Control Type: INST
Dt record added: 09/14/2009
Dt rec updated: 03/09/2010
Updated By: MLDOSTER
Site Code: 56884
Site Description: Location: The Sovereign Specialty Chemical (Sovereign) VCP Site is a 1.26 acre area that is part of a 6.3-acre active industrial facility (SBL: 122.18-2-2) located at 710 Ohio Street in Buffalo. The site and plant is located in a highly industrialized corridor of the City of Buffalo. Site Features: The site is less than 500’ east of a ship canal which connects to the Buffalo Outer Harbor and approximately 600’ west of the Buffalo River. The site is bounded on the east by CSX railroad tracks, on the west by Ohio St., on the south by the manufacturing portion of the facility, and on the north by Rigidized Metals Corp., a metal processing facility. Current Zoning and Land Use: The site is zoned for industrial purposes. Past Use of the Site: The Sovereign industrial facilities were initially constructed in 1924 and underwent several updates and modifications through the years. An above ground tank farm was constructed in the mid-1960s to store bulk chemicals used in manufacturing of paints and adhesives. The VCP site consists of the footprint of a former tank farm area and partially encompasses a portion of the industrial facility property. Spills and leakages from the tank farm area have lead to on-site contamination. The site subject to the VCP agreement is currently being managed as single operable unit. Operable Unit 1 (OU1) is the on-site source area. The Sovereign site was owned and operated by the Henkel Corporation. A plant wide Phase 1 and Phase 2 ESA was performed in 1996. The ESAs revealed impacts to soil and groundwater from volatile and semi-volatile organic compounds. A Tank Farm Interim Remedial Measure Plan was undertaken to upgrade Sovereign s tank farm to comply with the standards for new or substantially modified hazardous substance storage facilities under the Chemical

VALSPAR CORP (Continued) **1004761481**

Bulk Storage (CBS) regulations. The work was performed as an Interim Remedial Measure under a negotiated consent order and consisted of removal of the existing tank farm, construct a new tank farm to standards in the CBS regulations, excavation of contaminated soil, submitting a workplan for site investigation for the balance of the tank farm area, completing a site investigation, and preparing and implementing, as needed, a Remedial Action Plan (RAP) required for the balance of the tank farm. The tank farm upgrade and initial removal action was completed in 1999. A high vacuum extraction (HVE) system was installed. The HVE system extracted VOC vapors in the soil vadose zone in the contaminated areas and the extracted vapors were treated to remove the VOCs before release. The HVE system included a groundwater treatment component to treat VOC contaminated groundwater. The HVE and groundwater treatment systems were operated and monitored from 2004 to 2010. In March 2010, the NYSDEC approved the request to discontinue the operation of the remedial systems, but required the continuation of the groundwater monitoring program as defined in the Operations, Maintenance and Monitoring plan. The frequency of sampling was limited to annual sampling. The DEC issued a Covenant-Not-to-Sue letter in February 2010. Site Geology and Hydrogeology: The fill is underlain with native soil consisting of silty clay. The depth to the local limestone bedrock was not confirmed. Groundwater is relatively shallow at the site (5 to 7 feet below ground surface). The groundwater gradient is relatively flat. Flow direction is generally toward the west toward Lake Erie. Some variability in the groundwater flow direction has been observed and may be due to local influences from the Buffalo River.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: Based upon investigations to date prior to remediation, the primary contaminants of concern at the site include VOCs (Toluene, Methyl Ethyl Ketone, Xylene, Cyclohexane, Methylcyclohexane, and Toluene). The site contains 6 to 8 feet of industrial fill (slag, cinders, ash, stone and demolition debris). The fill may be the source of low levels of several SVOCs. There is no evidence the contaminated groundwater at the site is impacting the Buffalo River. The western most monitoring well on the site does not indicate any groundwater impacts. Annual conditions and monitoring reports were submitted for operating periods from 2006 through 2008. The results of the sampling and evaluation to assess the effectiveness of the remedial measures reveals that there is has been a reduction in residual VOCs in soil and groundwater at the site. More information regarding the site can be found in the documents placed in the Site Document Repository.

Health Problem: The remedial activities completed at the site have mitigated the potential for exposure.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 9/8/2009 4:00:00 PM
Record Upd: 9/8/2009 4:00:00 PM
Updated By: ewmelnyk
Own Op: Owner

VALSPAR CORP (Continued) **1004761481**

Sub Type: 06
Owner Name: Jerome Williams
Owner Company: Apollo Services, Inc.
Owner Address: 4511 Hyde Park Boulevard
Owner Addr2: Not reported
Owner City,St,Zip: Niagara Falls, NY 14305
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: 06
Owner Name: Mr. Richard S. Smith, III
Owner Company: 710 Ohio Street, LLC
Owner Address: 658 Ohio Street
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Owner
Sub Type: 06
Owner Name: Mr. Richard S. Smith, III
Owner Company: 710 Ohio Street, LLC
Owner Address: 658 Ohio Street
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
HW Code: V00215
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: ACETONE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: CYCLOHEXANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: 1,1-DICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: CHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: CHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: METHYLENE CHLORIDE

VALSPAR CORP (Continued) **1004761481**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: METHYLENE CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: 1,1,1-TRICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 00-TEMP-02-92(R
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 11/30/2000 4:07:00 PM
Record Updated: 2/24/2005 3:54:00 PM
Updated By: VCPTRANS
Crossref ID: 00-TEMP-01-10(I
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 11/30/2000 4:07:00 PM
Record Updated: 2/24/2005 3:54:00 PM
Updated By: VCPTRANS
Crossref ID: 915528
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 3/30/2006 2:39:00 PM
Record Updated: 3/30/2006 2:39:00 PM
Updated By: AJENGLIS

Site Code: 56884
Control Name: Deed Restriction
HW Code: V00215
Control Code: A
Control Type: INST
Dt record added: 10/21/2010
Dt rec updated: 01/06/2014
Updated By: SRHEIGEL
Site Code: 56884
Site Description: Location: The Sovereign Specialty Chemical (Sovereign) VCP Site is a 1.26 acre area that is part of a 6.3-acre active industrial facility (SBL: 122.18-2-2) located at 710 Ohio Street in Buffalo. The site and plant is located in a highly industrialized corridor of the City of Buffalo. Site Features: The site is less than 500’ east of a ship canal which connects to the Buffalo Outer Harbor and approximately 600’ west of the Buffalo River. The site is bounded on the east by CSX railroad tracks, on the west by Ohio St., on the south by the manufacturing portion of the facility, and on the north by Rigidized Metals Corp., a metal processing facility. Current Zoning and Land Use: The site is zoned for industrial purposes. Past Use of the Site:

VALSPAR CORP (Continued) **1004761481**

The Sovereign industrial facilities were initially constructed in 1924 and underwent several updates and modifications through the years. An above ground tank farm was constructed in the mid-1960s to store bulk chemicals used in manufacturing of paints and adhesives. The VCP site consists of the footprint of a former tank farm area and partially encompasses a portion of the industrial facility property. Spills and leakages from the tank farm area have lead to on-site contamination. The site subject to the VCP agreement is currently being managed as single operable unit. Operable Unit 1 (OU1) is the on-site source area. The Sovereign site was owned and operated by the Henkel Corporation. A plant wide Phase 1 and Phase 2 ESA was performed in 1996. The ESAs revealed impacts to soil and groundwater from volatile and semi-volatile organic compounds. A Tank Farm Interim Remedial Measure Plan was undertaken to upgrade Sovereign s tank farm to comply with the standards for new or substantially modified hazardous substance storage facilities under the Chemical Bulk Storage (CBS) regulations. The work was performed as an Interim Remedial Measure under a negotiated consent order and consisted of removal of the existing tank farm, construct a new tank farm to standards in the CBS regulations, excavation of contaminated soil, submitting a workplan for site investigation for the balance of the tank farm area, completing a site investigation, and preparing and implementing, as needed, a Remedial Action Plan (RAP) required for the balance of the tank farm. The tank farm upgrade and initial removal action was completed in 1999. A high vacuum extraction (HVE) system was installed. The HVE system extracted VOC vapors in the soil vadose zone in the contaminated areas and the extracted vapors were treated to remove the VOCs before release. The HVE system included a groundwater treatment component to treat VOC contaminated groundwater. The HVE and groundwater treatment systems were operated and monitored from 2004 to 2010. In March 2010, the NYSDEC approved the request to discontinue the operation of the remedial systems, but required the continuation of the groundwater monitoring program as defined in the Operations, Maintenance and Monitoring plan. The frequency of sampling was limited to annual sampling. The DEC issued a Covenant-Not-to-Sue letter in February 2010. Site Geology and Hydrogeology: The fill is underlain with native soil consisting of silty clay. The depth to the local limestone bedrock was not confirmed. Groundwater is relatively shallow at the site (5 to 7 feet below ground surface). The groundwater gradient is relatively flat. Flow direction is generally toward the west toward Lake Erie. Some variability in the groundwater flow direction has been observed and may be due to local influences from the Buffalo River.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: Based upon investigations to date prior to remediation, the primary contaminants of concern at the site include VOCs (Toluene, Methyl Ethyl Ketone, Xylene, Cyclohexane, Methylcyclohexane, and Toluene). The site contains 6 to 8 feet of industrial fill (slag, cinders, ash, stone and demolition debris). The fill may be the source of low levels of several SVOCs. There is no evidence the contaminated groundwater at the site is impacting the Buffalo River. The western most monitoring well on the site does not indicate any groundwater impacts. Annual conditions and monitoring reports were submitted for operating periods from 2006 through 2008. The results of the sampling and evaluation to assess the effectiveness of the remedial measures reveals that there is has been a reduction in residual VOCs in soil and groundwater at the site. More information regarding the site can

VALSPAR CORP (Continued) **1004761481**

	be found in the documents placed in the Site Document Repository.
Health Problem:	The remedial activities completed at the site have mitigated the potential for exposure.
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	9/8/2009 4:00:00 PM
Record Upd:	9/8/2009 4:00:00 PM
Updated By:	ewmelnyk
Own Op:	Owner
Sub Type:	06
Owner Name:	Jerome Williams
Owner Company:	Apollo Services, Inc.
Owner Address:	4511 Hyde Park Boulevard
Owner Addr2:	Not reported
Owner City,St,Zip:	Niagara Falls, NY 14305
Owner Country:	United States of America
Own Op:	Applicant/Requestor
Sub Type:	06
Owner Name:	Mr. Richard S. Smith, III
Owner Company:	710 Ohio Street, LLC
Owner Address:	658 Ohio Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
Own Op:	Owner
Sub Type:	06
Owner Name:	Mr. Richard S. Smith, III
Owner Company:	710 Ohio Street, LLC
Owner Address:	658 Ohio Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
HW Code:	V00215
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00215
Waste Type:	ACETONE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00215
Waste Type:	ETHYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00215
Waste Type:	CYCLOHEXANE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00215
Waste Type:	BENZENE

VALSPAR CORP (Continued) **1004761481**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: 1,1-DICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: CHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: CHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: METHYLENE CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: METHYLENE CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: 1,1,1-TRICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 00-TEMP-02-92(R
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 11/30/2000 4:07:00 PM
Record Updated: 2/24/2005 3:54:00 PM
Updated By: VCPTRANS
Crossref ID: 00-TEMP-01-10(I
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 11/30/2000 4:07:00 PM
Record Updated: 2/24/2005 3:54:00 PM
Updated By: VCPTRANS
Crossref ID: 915528
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 3/30/2006 2:39:00 PM
Record Updated: 3/30/2006 2:39:00 PM
Updated By: AJENGLIS

Site Code: 56884
Control Name: O&M Plan
HW Code: V00215
Control Code: 33

VALSPAR CORP (Continued) **1004761481**

Control Type: INST
Dt record added: 10/21/2010
Dt rec updated: 01/06/2014
Updated By: SRHEIGEL
Site Code: 56884
Site Description: Location: The Sovereign Specialty Chemical (Sovereign) VCP Site is a 1.26 acre area that is part of a 6.3-acre active industrial facility (SBL: 122.18-2-2) located at 710 Ohio Street in Buffalo. The site and plant is located in a highly industrialized corridor of the City of Buffalo. Site Features: The site is less than 500' east of a ship canal which connects to the Buffalo Outer Harbor and approximately 600' west of the Buffalo River. The site is bounded on the east by CSX railroad tracks, on the west by Ohio St., on the south by the manufacturing portion of the facility, and on the north by Rigidized Metals Corp., a metal processing facility. Current Zoning and Land Use: The site is zoned for industrial purposes. Past Use of the Site: The Sovereign industrial facilities were initially constructed in 1924 and underwent several updates and modifications through the years. An above ground tank farm was constructed in the mid-1960s to store bulk chemicals used in manufacturing of paints and adhesives. The VCP site consists of the footprint of a former tank farm area and partially encompasses a portion of the industrial facility property. Spills and leakages from the tank farm area have lead to on-site contamination. The site subject to the VCP agreement is currently being managed as single operable unit. Operable Unit 1 (OU1) is the on-site source area. The Sovereign site was owned and operated by the Henkel Corporation. A plant wide Phase 1 and Phase 2 ESA was performed in 1996. The ESAs revealed impacts to soil and groundwater from volatile and semi-volatile organic compounds. A Tank Farm Interim Remedial Measure Plan was undertaken to upgrade Sovereign s tank farm to comply with the standards for new or substantially modified hazardous substance storage facilities under the Chemical Bulk Storage (CBS) regulations. The work was performed as an Interim Remedial Measure under a negotiated consent order and consisted of removal of the existing tank farm, construct a new tank farm to standards in the CBS regulations, excavation of contaminated soil, submitting a workplan for site investigation for the balance of the tank farm area, completing a site investigation, and preparing and implementing, as needed, a Remedial Action Plan (RAP) required for the balance of the tank farm. The tank farm upgrade and initial removal action was completed in 1999. A high vacuum extraction (HVE) system was installed. The HVE system extracted VOC vapors in the soil vadose zone in the contaminated areas and the extracted vapors were treated to remove the VOCs before release. The HVE system included a groundwater treatment component to treat VOC contaminated groundwater. The HVE and groundwater treatment systems were operated and monitored from 2004 to 2010. In March 2010, the NYSDEC approved the request to discontinue the operation of the remedial systems, but required the continuation of the groundwater monitoring program as defined in the Operations, Maintenance and Monitoring plan. The frequency of sampling was limited to annual sampling. The DEC issued a Covenant-Not-to-Sue letter in February 2010. Site Geology and Hydrogeology: The fill is underlain with native soil consisting of silty clay. The depth to the local limestone bedrock was not confirmed. Groundwater is relatively shallow at the site (5 to 7 feet below ground surface). The groundwater gradient is relatively flat. Flow direction is generally toward the west toward Lake Erie. Some

VALSPAR CORP (Continued) **1004761481**

	variability in the groundwater flow direction has been observed and may be due to local influences from the Buffalo River.
Env Problem:	Nature and Extent of Contamination: Prior to Remediation: Based upon investigations to date prior to remediation, the primary contaminants of concern at the site include VOCs (Toluene, Methyl Ethyl Ketone, Xylene, Cyclohexane, Methylcyclohexane, and Toluene). The site contains 6 to 8 feet of industrial fill (slag, cinders, ash, stone and demolition debris). The fill may be the source of low levels of several SVOCs. There is no evidence the contaminated groundwater at the site is impacting the Buffalo River. The western most monitoring well on the site does not indicate any groundwater impacts. Annual conditions and monitoring reports were submitted for operating periods from 2006 through 2008. The results of the sampling and evaluation to assess the effectiveness of the remedial measures reveals that there is has been a reduction in residual VOCs in soil and groundwater at the site. More information regarding the site can be found in the documents placed in the Site Document Repository.
Health Problem:	The remedial activities completed at the site have mitigated the potential for exposure.
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	9/8/2009 4:00:00 PM
Record Upd:	9/8/2009 4:00:00 PM
Updated By:	ewmelnyk
Own Op:	Owner
Sub Type:	06
Owner Name:	Jerome Williams
Owner Company:	Apollo Services, Inc.
Owner Address:	4511 Hyde Park Boulevard
Owner Addr2:	Not reported
Owner City,St,Zip:	Niagara Falls, NY 14305
Owner Country:	United States of America
Own Op:	Applicant/Requestor
Sub Type:	06
Owner Name:	Mr. Richard S. Smith, III
Owner Company:	710 Ohio Street, LLC
Owner Address:	658 Ohio Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
Own Op:	Owner
Sub Type:	06
Owner Name:	Mr. Richard S. Smith, III
Owner Company:	710 Ohio Street, LLC
Owner Address:	658 Ohio Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
HW Code:	V00215
Waste Type:	XYLENE (MIXED)

VALSPAR CORP (Continued) **1004761481**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: ACETONE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: CYCLOHEXANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: 1,1-DICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: CHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: CHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: METHYLENE CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: METHYLENE CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: 1,1,1-TRICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 00-TEMP-02-92(R
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 1/30/2000 4:07:00 PM
Record Updated: 2/24/2005 3:54:00 PM
Updated By: VCPTRANS
Crossref ID: 00-TEMP-01-10(I

VALSPAR CORP (Continued) **1004761481**

Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 11/30/2000 4:07:00 PM
Record Updated: 2/24/2005 3:54:00 PM
Updated By: VCPTRANS
Crossref ID: 915528
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 3/30/2006 2:39:00 PM
Record Updated: 3/30/2006 2:39:00 PM
Updated By: AJENGLIS

Site Code: 56884
Control Name: Site Management Plan
HW Code: V00215
Control Code: 32
Control Type: INST
Dt record added: 10/21/2010
Dt rec updated: 01/06/2014
Updated By: SRHEIGEL
Site Code: 56884
Site Description: Location: The Sovereign Specialty Chemical (Sovereign) VCP Site is a 1.26 acre area that is part of a 6.3-acre active industrial facility (SBL: 122.18-2-2) located at 710 Ohio Street in Buffalo. The site and plant is located in a highly industrialized corridor of the City of Buffalo. Site Features: The site is less than 500' east of a ship canal which connects to the Buffalo Outer Harbor and approximately 600' west of the Buffalo River. The site is bounded on the east by CSX railroad tracks, on the west by Ohio St., on the south by the manufacturing portion of the facility, and on the north by Rigidized Metals Corp., a metal processing facility. Current Zoning and Land Use: The site is zoned for industrial purposes. Past Use of the Site: The Sovereign industrial facilities were initially constructed in 1924 and underwent several updates and modifications through the years. An above ground tank farm was constructed in the mid-1960s to store bulk chemicals used in manufacturing of paints and adhesives. The VCP site consists of the footprint of a former tank farm area and partially encompasses a portion of the industrial facility property. Spills and leakages from the tank farm area have lead to on-site contamination. The site subject to the VCP agreement is currently being managed as single operable unit. Operable Unit 1 (OU1) is the on-site source area. The Sovereign site was owned and operated by the Henkel Corporation. A plant wide Phase 1 and Phase 2 ESA was performed in 1996. The ESAs revealed impacts to soil and groundwater from volatile and semi-volatile organic compounds. A Tank Farm Interim Remedial Measure Plan was undertaken to upgrade Sovereign s tank farm to comply with the standards for new or substantially modified hazardous substance storage facilities under the Chemical Bulk Storage (CBS) regulations. The work was performed as an Interim Remedial Measure under a negotiated consent order and consisted of removal of the existing tank farm, construct a new tank farm to standards in the CBS regulations, excavation of contaminated soil, submitting a workplan for site investigation for the balance of the tank farm area, completing a site investigation, and preparing and implementing, as needed, a Remedial Action Plan (RAP) required for the balance of the tank farm. The tank farm upgrade and initial removal action was completed in 1999. A high vacuum extraction (HVE)

VALSPAR CORP (Continued) **1004761481**

system was installed. The HVE system extracted VOC vapors in the soil vadose zone in the contaminated areas and the extracted vapors were treated to remove the VOCs before release. The HVE system included a groundwater treatment component to treat VOC contaminated groundwater. The HVE and groundwater treatment systems were operated and monitored from 2004 to 2010. In March 2010, the NYSDEC approved the request to discontinue the operation of the remedial systems, but required the continuation of the groundwater monitoring program as defined in the Operations, Maintenance and Monitoring plan. The frequency of sampling was limited to annual sampling. The DEC issued a Covenant-Not-to-Sue letter in February 2010. Site Geology and Hydrogeology: The fill is underlain with native soil consisting of silty clay. The depth to the local limestone bedrock was not confirmed. Groundwater is relatively shallow at the site (5 to 7 feet below ground surface). The groundwater gradient is relatively flat. Flow direction is generally toward the west toward Lake Erie. Some variability in the groundwater flow direction has been observed and may be due to local influences from the Buffalo River.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: Based upon investigations to date prior to remediation, the primary contaminants of concern at the site include VOCs (Toluene, Methyl Ethyl Ketone, Xylene, Cyclohexane, Methylcyclohexane, and Toluene). The site contains 6 to 8 feet of industrial fill (slag, cinders, ash, stone and demolition debris). The fill may be the source of low levels of several SVOCs. There is no evidence the contaminated groundwater at the site is impacting the Buffalo River. The western most monitoring well on the site does not indicate any groundwater impacts. Annual conditions and monitoring reports were submitted for operating periods from 2006 through 2008. The results of the sampling and evaluation to assess the effectiveness of the remedial measures reveals that there is has been a reduction in residual VOCs in soil and groundwater at the site. More information regarding the site can be found in the documents placed in the Site Document Repository.

Health Problem: The remedial activities completed at the site have mitigated the potential for exposure.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 9/8/2009 4:00:00 PM
Record Upd: 9/8/2009 4:00:00 PM
Updated By: ewmelnyk
Own Op: Owner
Sub Type: 06
Owner Name: Jerome Williams
Owner Company: Apollo Services, Inc.
Owner Address: 4511 Hyde Park Boulevard
Owner Addr2: Not reported
Owner City,St,Zip: Niagara Falls, NY 14305
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: 06

VALSPAR CORP (Continued) **1004761481**

Owner Name: Mr. Richard S. Smith, III
Owner Company: 710 Ohio Street, LLC
Owner Address: 658 Ohio Street
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Owner
Sub Type: 06
Owner Name: Mr. Richard S. Smith, III
Owner Company: 710 Ohio Street, LLC
Owner Address: 658 Ohio Street
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
HW Code: V00215
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: ACETONE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: CYCLOHEXANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: 1,1-DICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: CHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: CHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: METHYLENE CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: METHYLENE CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: TOLUENE
Waste Quantity: UNKNOWN

VALSPAR CORP (Continued) **1004761481**

Waste Code: Not reported
HW Code: V00215
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: 1,1,1-TRICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 00-TEMP-02-92(R
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 11/30/2000 4:07:00 PM
Record Updated: 2/24/2005 3:54:00 PM
Updated By: VCPTRANS
Crossref ID: 00-TEMP-01-10(I
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 11/30/2000 4:07:00 PM
Record Updated: 2/24/2005 3:54:00 PM
Updated By: VCPTRANS
Crossref ID: 915528
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 3/30/2006 2:39:00 PM
Record Updated: 3/30/2006 2:39:00 PM
Updated By: AJENGLIS

Site Code: 56884
Control Name: Ground Water Use Restriction
HW Code: V00215
Control Code: 08
Control Type: INST
Dt record added: 10/21/2010
Dt rec updated: 01/06/2014
Updated By: SRHEIGEL
Site Code: 56884
Site Description: Location: The Sovereign Specialty Chemical (Sovereign) VCP Site is a 1.26 acre area that is part of a 6.3-acre active industrial facility (SBL: 122.18-2-2) located at 710 Ohio Street in Buffalo. The site and plant is located in a highly industrialized corridor of the City of Buffalo. Site Features: The site is less than 500' east of a ship canal which connects to the Buffalo Outer Harbor and approximately 600' west of the Buffalo River. The site is bounded on the east by CSX railroad tracks, on the west by Ohio St., on the south by the manufacturing portion of the facility, and on the north by Rigidized Metals Corp., a metal processing facility. Current Zoning and Land Use: The site is zoned for industrial purposes. Past Use of the Site: The Sovereign industrial facilities were initially constructed in 1924 and underwent several updates and modifications through the years. An above ground tank farm was constructed in the mid-1960s to store bulk chemicals used in manufacturing of paints and adhesives. The VCP site consists of the footprint of a former tank farm area and partially encompasses a portion of the industrial facility property. Spills and leakages from the tank farm area have lead to on-site contamination. The site subject to the VCP agreement is currently being managed as single operable unit. Operable Unit 1 (OU1) is the

VALSPAR CORP (Continued) **1004761481**

on-site source area. The Sovereign site was owned and operated by the Henkel Corporation. A plant wide Phase 1 and Phase 2 ESA was performed in 1996. The ESAs revealed impacts to soil and groundwater from volatile and semi-volatile organic compounds. A Tank Farm Interim Remedial Measure Plan was undertaken to upgrade Sovereign s tank farm to comply with the standards for new or substantially modified hazardous substance storage facilities under the Chemical Bulk Storage (CBS) regulations. The work was performed as an Interim Remedial Measure under a negotiated consent order and consisted of removal of the existing tank farm, construct a new tank farm to standards in the CBS regulations, excavation of contaminated soil, submitting a workplan for site investigation for the balance of the tank farm area, completing a site investigation, and preparing and implementing, as needed, a Remedial Action Plan (RAP) required for the balance of the tank farm. The tank farm upgrade and initial removal action was completed in 1999. A high vacuum extraction (HVE) system was installed. The HVE system extracted VOC vapors in the soil vadose zone in the contaminated areas and the extracted vapors were treated to remove the VOCs before release. The HVE system included a groundwater treatment component to treat VOC contaminated groundwater. The HVE and groundwater treatment systems were operated and monitored from 2004 to 2010. In March 2010, the NYSDEC approved the request to discontinue the operation of the remedial systems, but required the continuation of the groundwater monitoring program as defined in the Operations, Maintenance and Monitoring plan. The frequency of sampling was limited to annual sampling. The DEC issued a Covenant-Not-to-Sue letter in February 2010. Site Geology and Hydrogeology: The fill is underlain with native soil consisting of silty clay. The depth to the local limestone bedrock was not confirmed. Groundwater is relatively shallow at the site (5 to 7 feet below ground surface). The groundwater gradient is relatively flat. Flow direction is generally toward the west toward Lake Erie. Some variability in the groundwater flow direction has been observed and may be due to local influences from the Buffalo River.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: Based upon investigations to date prior to remediation, the primary contaminants of concern at the site include VOCs (Toluene, Methyl Ethyl Ketone, Xylene, Cyclohexane, Methylcyclohexane, and Toluene). The site contains 6 to 8 feet of industrial fill (slag, cinders, ash, stone and demolition debris). The fill may be the source of low levels of several SVOCs. There is no evidence the contaminated groundwater at the site is impacting the Buffalo River. The western most monitoring well on the site does not indicate any groundwater impacts. Annual conditions and monitoring reports were submitted for operating periods from 2006 through 2008. The results of the sampling and evaluation to assess the effectiveness of the remedial measures reveals that there is has been a reduction in residual VOCs in soil and groundwater at the site. More information regarding the site can be found in the documents placed in the Site Document Repository.

Health Problem: The remedial activities completed at the site have mitigated the potential for exposure.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported

VALSPAR CORP (Continued) **1004761481**

Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 9/8/2009 4:00:00 PM
Record Upd: 9/8/2009 4:00:00 PM
Updated By: ewmelnyk
Own Op: Owner
Sub Type: 06
Owner Name: Jerome Williams
Owner Company: Apollo Services, Inc.
Owner Address: 4511 Hyde Park Boulevard
Owner Addr2: Not reported
Owner City,St,Zip: Niagara Falls, NY 14305
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: 06
Owner Name: Mr. Richard S. Smith, III
Owner Company: 710 Ohio Street, LLC
Owner Address: 658 Ohio Street
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
Own Op: Owner
Sub Type: 06
Owner Name: Mr. Richard S. Smith, III
Owner Company: 710 Ohio Street, LLC
Owner Address: 658 Ohio Street
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
HW Code: V00215
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: ACETONE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: CYCLOHEXANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: 1,1-DICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: CHLOROETHANE
Waste Quantity: UNKNOWN

VALSPAR CORP (Continued) **1004761481**

Waste Code: Not reported
HW Code: V00215
Waste Type: CHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: METHYLENE CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: METHYLENE CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: 1,1,1-TRICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 00-TEMP-02-92(R
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 11/30/2000 4:07:00 PM
Record Updated: 2/24/2005 3:54:00 PM
Updated By: VCPTRANS
Crossref ID: 00-TEMP-01-10(I
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 11/30/2000 4:07:00 PM
Record Updated: 2/24/2005 3:54:00 PM
Updated By: VCPTRANS
Crossref ID: 915528
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 3/30/2006 2:39:00 PM
Record Updated: 3/30/2006 2:39:00 PM
Updated By: AJENGLIS

Site Code: 56884
Control Name: Landuse Restriction
HW Code: V00215
Control Code: 25
Control Type: INST
Dt record added: 10/21/2010
Dt rec updated: 01/06/2014
Updated By: SRHEIGEL
Site Code: 56884
Site Description: Location: The Sovereign Specialty Chemical (Sovereign) VCP Site is a 1.26 acre area that is part of a 6.3-acre active industrial facility (SBL: 122.18-2-2) located at 710 Ohio Street in Buffalo. The site and plant is located in a highly industrialized corridor of the City of

VALSPAR CORP (Continued) **1004761481**

Buffalo. Site Features: The site is less than 500' east of a ship canal which connects to the Buffalo Outer Harbor and approximately 600' west of the Buffalo River. The site is bounded on the east by CSX railroad tracks, on the west by Ohio St., on the south by the manufacturing portion of the facility, and on the north by Rigidized Metals Corp., a metal processing facility. Current Zoning and Land Use: The site is zoned for industrial purposes. Past Use of the Site: The Sovereign industrial facilities were initially constructed in 1924 and underwent several updates and modifications through the years. An above ground tank farm was constructed in the mid-1960s to store bulk chemicals used in manufacturing of paints and adhesives. The VCP site consists of the footprint of a former tank farm area and partially encompasses a portion of the industrial facility property. Spills and leakages from the tank farm area have lead to on-site contamination. The site subject to the VCP agreement is currently being managed as single operable unit. Operable Unit 1 (OU1) is the on-site source area. The Sovereign site was owned and operated by the Henkel Corporation. A plant wide Phase 1 and Phase 2 ESA was performed in 1996. The ESAs revealed impacts to soil and groundwater from volatile and semi-volatile organic compounds. A Tank Farm Interim Remedial Measure Plan was undertaken to upgrade Sovereign s tank farm to comply with the standards for new or substantially modified hazardous substance storage facilities under the Chemical Bulk Storage (CBS) regulations. The work was performed as an Interim Remedial Measure under a negotiated consent order and consisted of removal of the existing tank farm, construct a new tank farm to standards in the CBS regulations, excavation of contaminated soil, submitting a workplan for site investigation for the balance of the tank farm area, completing a site investigation, and preparing and implementing, as needed, a Remedial Action Plan (RAP) required for the balance of the tank farm. The tank farm upgrade and initial removal action was completed in 1999. A high vacuum extraction (HVE) system was installed. The HVE system extracted VOC vapors in the soil vadose zone in the contaminated areas and the extracted vapors were treated to remove the VOCs before release. The HVE system included a groundwater treatment component to treat VOC contaminated groundwater. The HVE and groundwater treatment systems were operated and monitored from 2004 to 2010. In March 2010, the NYSDEC approved the request to discontinue the operation of the remedial systems, but required the continuation of the groundwater monitoring program as defined in the Operations, Maintenance and Monitoring plan. The frequency of sampling was limited to annual sampling. The DEC issued a Covenant-Not-to-Sue letter in February 2010. Site Geology and Hydrogeology: The fill is underlain with native soil consisting of silty clay. The depth to the local limestone bedrock was not confirmed. Groundwater is relatively shallow at the site (5 to 7 feet below ground surface). The groundwater gradient is relatively flat. Flow direction is generally toward the west toward Lake Erie. Some variability in the groundwater flow direction has been observed and may be due to local influences from the Buffalo River.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: Based upon investigations to date prior to remediation, the primary contaminants of concern at the site include VOCs (Toluene, Methyl Ethyl Ketone, Xylene, Cyclohexane, Methylcyclohexane, and Toluene). The site contains 6 to 8 feet of industrial fill (slag, cinders, ash, stone and demolition debris). The fill may be the source of low levels of several SVOCs. There is no evidence the contaminated groundwater at

VALSPAR CORP (Continued) **1004761481**

	the site is impacting the Buffalo River. The western most monitoring well on the site does not indicate any groundwater impacts. Annual conditions and monitoring reports were submitted for operating periods from 2006 through 2008. The results of the sampling and evaluation to assess the effectiveness of the remedial measures reveals that there is has been a reduction in residual VOCs in soil and groundwater at the site. More information regarding the site can be found in the documents placed in the Site Document Repository.
Health Problem:	The remedial activities completed at the site have mitigated the potential for exposure.
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	9/8/2009 4:00:00 PM
Record Upd:	9/8/2009 4:00:00 PM
Updated By:	ewmelnyk
Own Op:	Owner
Sub Type:	06
Owner Name:	Jerome Williams
Owner Company:	Apollo Services, Inc.
Owner Address:	4511 Hyde Park Boulevard
Owner Addr2:	Not reported
Owner City,St,Zip:	Niagara Falls, NY 14305
Owner Country:	United States of America
Own Op:	Applicant/Requestor
Sub Type:	06
Owner Name:	Mr. Richard S. Smith, III
Owner Company:	710 Ohio Street, LLC
Owner Address:	658 Ohio Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
Own Op:	Owner
Sub Type:	06
Owner Name:	Mr. Richard S. Smith, III
Owner Company:	710 Ohio Street, LLC
Owner Address:	658 Ohio Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
HW Code:	V00215
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00215
Waste Type:	ACETONE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00215
Waste Type:	ETHYLBENZENE
Waste Quantity:	UNKNOWN

VALSPAR CORP (Continued) **1004761481**

Waste Code: Not reported
HW Code: V00215
Waste Type: CYCLOHEXANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: 1,1-DICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: CHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: CHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: METHYLENE CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: METHYLENE CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00215
Waste Type: 1,1,1-TRICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 00-TEMP-02-92(R
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 11/30/2000 4:07:00 PM
Record Updated: 2/24/2005 3:54:00 PM
Updated By: VCPTRANS
Crossref ID: 00-TEMP-01-10(I
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 11/30/2000 4:07:00 PM
Record Updated: 2/24/2005 3:54:00 PM
Updated By: VCPTRANS
Crossref ID: 915528
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 3/30/2006 2:39:00 PM

VALSPAR CORP (Continued) **1004761481**

Record Updated: 3/30/2006 2:39:00 PM
Updated By: AJENGLIS

VCP:
Program Type: VCP
Site Code: 56884
HW Code: V00215
Site Class: C
SWIS: 1502
Region: 9
Town: Buffalo (c)
Acres: 1.26
Date Record Added: 11/30/2000
Date Record Updated: 11/15/2017
Updated By: CRSTANIS
Site Description: Location: The Sovereign Specialty Chemical (Sovereign) VCP Site is a 1.26 acre area that is part of a 6.3-acre active industrial facility (SBL: 122.18-2-2) located at 710 Ohio Street in Buffalo. The site and plant is located in a highly industrialized corridor of the City of Buffalo. Site Features: The site is less than 500' east of a ship canal which connects to the Buffalo Outer Harbor and approximately 600' west of the Buffalo River. The site is bounded on the east by CSX railroad tracks, on the west by Ohio St., on the south by the manufacturing portion of the facility, and on the north by Rigidized Metals Corp., a metal processing facility. Current Zoning and Land Use: The site is zoned for industrial purposes. Past Use of the Site: The Sovereign industrial facilities were initially constructed in 1924 and underwent several updates and modifications through the years. An above ground tank farm was constructed in the mid-1960s to store bulk chemicals used in manufacturing of paints and adhesives. The VCP site consists of the footprint of a former tank farm area and partially encompasses a portion of the industrial facility property. Spills and leakages from the tank farm area have lead to on-site contamination. The site subject to the VCP agreement is currently being managed as single operable unit. Operable Unit 1 (OU1) is the on-site source area. The Sovereign site was owned and operated by the Henkel Corporation. A plant wide Phase 1 and Phase 2 ESA was performed in 1996. The ESAs revealed impacts to soil and groundwater from volatile and semi-volatile organic compounds. A Tank Farm Interim Remedial Measure Plan was undertaken to upgrade Sovereign s tank farm to comply with the standards for new or substantially modified hazardous substance storage facilities under the Chemical Bulk Storage (CBS) regulations. The work was performed as an Interim Remedial Measure under a negotiated consent order and consisted of removal of the existing tank farm, construct a new tank farm to standards in the CBS regulations, excavation of contaminated soil, submitting a workplan for site investigation for the balance of the tank farm area, completing a site investigation, and preparing and implementing, as needed, a Remedial Action Plan (RAP) required for the balance of the tank farm. The tank farm upgrade and initial removal action was completed in 1999. A high vacuum extraction (HVE) system was installed. The HVE system extracted VOC vapors in the soil vadose zone in the contaminated areas and the extracted vapors were treated to remove the VOCs before release. The HVE system included a groundwater treatment component to treat VOC contaminated groundwater. The HVE and groundwater treatment systems were operated and monitored from 2004 to 2010. In March 2010, the NYSDEC approved

VALSPAR CORP (Continued) **1004761481**

	the request to discontinue the operation of the remedial systems, but required the continuation of the groundwater monitoring program as defined in the Operations, Maintenance and Monitoring plan. The frequency of sampling was limited to annual sampling. The DEC issued a Covenant-Not-to-Sue letter in February 2010. Site Geology and Hydrogeology: The fill is underlain with native soil consisting of silty clay. The depth to the local limestone bedrock was not confirmed. Groundwater is relatively shallow at the site (5 to 7 feet below ground surface). The groundwater gradient is relatively flat. Flow direction is generally toward the west toward Lake Erie. Some variability in the groundwater flow direction has been observed and may be due to local influences from the Buffalo River.
Env Problem:	Nature and Extent of Contamination: Prior to Remediation: Based upon investigations to date prior to remediation, the primary contaminants of concern at the site include VOCs (Toluene, Methyl Ethyl Ketone, Xylene, Cyclohexane, Methylcyclohexane, and Toluene). The site contains 6 to 8 feet of industrial fill (slag, cinders, ash, stone and demolition debris). The fill may be the source of low levels of several SVOCs. There is no evidence the contaminated groundwater at the site is impacting the Buffalo River. The western most monitoring well on the site does not indicate any groundwater impacts. Annual conditions and monitoring reports were submitted for operating periods from 2006 through 2008. The results of the sampling and evaluation to assess the effectiveness of the remedial measures reveals that there is has been a reduction in residual VOCs in soil and groundwater at the site. More information regarding the site can be found in the documents placed in the Site Document Repository.
Health Problem:	The remedial activities completed at the site have mitigated the potential for exposure.
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	9/8/2009 4:00:00 PM
Record Upd:	9/8/2009 4:00:00 PM
Updated By:	ewmelnyk
Own Op:	Owner
Sub Type:	06
Owner Name:	Jerome Williams
Owner Company:	Apollo Services, Inc.
Owner Address:	4511 Hyde Park Boulevard
Owner Addr2:	Not reported
Owner City,St,Zip:	Niagara Falls, NY 14305
Owner Country:	United States of America
Own Op:	Applicant/Requestor
Sub Type:	06
Owner Name:	Mr. Richard S. Smith, III
Owner Company:	710 Ohio Street, LLC
Owner Address:	658 Ohio Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America

VALSPAR CORP (Continued) **1004761481**

Own Op:	Owner
Sub Type:	06
Owner Name:	Mr. Richard S. Smith, III
Owner Company:	710 Ohio Street, LLC
Owner Address:	658 Ohio Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
HW Code:	V00215
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00215
Waste Type:	ACETONE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00215
Waste Type:	ETHYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00215
Waste Type:	CYCLOHEXANE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00215
Waste Type:	BENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00215
Waste Type:	1,1-DICHLOROETHANE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00215
Waste Type:	CHLOROETHANE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00215
Waste Type:	CHLOROETHANE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00215
Waste Type:	METHYLENE CHLORIDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00215
Waste Type:	METHYLENE CHLORIDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00215
Waste Type:	TOLUENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00215
Waste Type:	TOLUENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00215

VALSPAR CORP (Continued) **1004761481**

Waste Type:	1,1,1-TRICHLOROETHANE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	00-TEMP-02-92(R
Cross Ref Type Code:	20
Cross Ref Type:	Haz. Substance ID
Record Added Date:	11/30/2000 4:07:00 PM
Record Updated:	2/24/2005 3:54:00 PM
Updated By:	VCPTRANS
Crossref ID:	00-TEMP-01-10(I
Cross Ref Type Code:	20
Cross Ref Type:	Haz. Substance ID
Record Added Date:	11/30/2000 4:07:00 PM
Record Updated:	2/24/2005 3:54:00 PM
Updated By:	VCPTRANS
Crossref ID:	915528
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	3/30/2006 2:39:00 PM
Record Updated:	3/30/2006 2:39:00 PM
Updated By:	AJENGLIS

SPILLS:

Facility ID:	9906962
Facility Type:	ER
Spill Number:	9906962
DER Facility ID:	239586
Site ID:	296059
DEC Region:	9
Closed Date:	1999-09-12
Spill Cause:	Unknown
Spill Class:	B3
SWIS:	1502
Spill Date:	1999-09-10
Investigator:	RMCROSSE
Referred To:	Not reported
Reported to Dept:	1999-09-10
CID:	371
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	1999-09-11
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-09-10
Spill Record Last Update:	1999-09-29
Spiller Name:	KEVIN JOHNSTON
Spiller Company:	PIERCE AND STEVENS
Spiller Address:	710 OHIO STREET
Spiller Company:	001
Contact Name:	KEVIN JOHNSTON
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was RMC 09/10/99: RMC SITE INSPECTION, MET FD, POLICE, KEVIN JONNSTON, MATERIAL SPILLED TO FLOOR INSIDE THE BUILDING, CONTAINED, COMPANY

VALSPAR CORP (Continued) **1004761481**

CREW TO CLEAN UP, BUFFALO FD TO ASSIST, 09/10/99: RMC NOTE TO FILE, MATERIAL LARGELY CLEANED UP, FD RELEASED 09/13/99: RMC REFERED TO MULTIMEDIA FOR FOLLOW UP, JIM STACK, CLOSE OUT"

Remarks: "SPILL IS CLOSE TO BUFFALO CREEK -- UNKNOWN CAUSE -- BETWEEN 150 AND 250 GALS ALTOGETHER -- "

All Materials:

Site ID:	296059
Operable Unit ID:	1085395
Operable Unit:	01
Material ID:	299675
Material Code:	0072A
Material Name:	ethyl acetate
Case No.:	00141786
Material FA:	Hazardous Material
Quantity:	100.00
Units:	G
Recovered:	100.00
Oxygenate:	Not reported

Site ID:	296059
Operable Unit ID:	1085395
Operable Unit:	01
Material ID:	299674
Material Code:	0041B
Material Name:	toluol
Case No.:	00108883
Material FA:	Hazardous Material
Quantity:	100.00
Units:	G
Recovered:	100.00
Oxygenate:	Not reported

Facility ID:	9975120
Facility Type:	ER
Spill Number:	9975120
DER Facility ID:	239586
Site ID:	296060
DEC Region:	9
Closed Date:	1999-09-03
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	1502
Spill Date:	1999-05-12
Investigator:	FXGALLEG
Referred To:	Not reported
Reported to Dept:	1999-05-13
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	1999-05-14
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0

VALSPAR CORP (Continued) **1004761481**

Date Entered In Computer:	1999-05-14
Spill Record Last Update:	1999-10-08
Spiller Name:	ANNIE
Spiller Company:	PAGE TRANSPORTATION
Spiller Address:	2758 TROMBLEY ROAD
Spiller Company:	001
Contact Name:	JAMES F. DRZEWIECKI
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was FG 05/14/99: GREG SUTTON WITH HAZARDOUS WASTE REMEDIATION INSPECTED THE SITE. THE SPILL WAS CLEANED UP. 05/14/99: SPOKE TO PAGE WHO SAID THAT IT WILL BE HANDLING THE CLEANUP, I ASKED THAT THEY SEND ME THE DISPOSAL RECEIPT AND GAVE HER THIS ADDRESS. SHE AGREED. 05/17/99: TELECON FROM ANNIE WITH PAGE, SHE SAID THAT THE MATERIAL IS STAGED AT THE SITE IN DRUMS AND WILL BE DISPOSED. SHE WILL SUBMIT THE DISPOSAL RECEIPTS TO US ONCE SHE RECEIVES THEM. SHE SAID THAT IT IS ON SITE COMPLETING THE WORK AND WILL DISPOSE OF THE SOIL. RICH KILMER IS WITH IT ON SITE. HIS # IS 847-0534. ANNIE'S # IS 800 233-2166 EXT 229. 09/03/99: RECEIVED SOIL DISPOSAL RECEIPTS. SITE CAN BE CLOSED. NO FURTHER WORK IS REQUIRED. "
Remarks:	"DURING THE HAZARDOUS WASTE REMEDIATION WORK ON SITE, PAGE TRANSPORTATION HYDRAULIC LINES BROKE ON THEIR TRUCKS. THERE WAS TWO SEPARATE INCIDENCES. THE 1ST ON 5/12/99 & THE 2ND ON 5/13/99. THE SPILLS WERE BOTH CLEANED UP USING PADS AND MAGIC SORB. "

All Materials:

Site ID:	296060
Operable Unit ID:	1093681
Operable Unit:	01
Material ID:	291633
Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	40.00
Units:	G
Recovered:	40.00
Oxygenate:	Not reported

Facility ID:	9975216
Facility Type:	ER
Spill Number:	9975216
DER Facility ID:	239586
Site ID:	296061
DEC Region:	9
Closed Date:	1999-09-03
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	1502
Spill Date:	1999-05-13
Investigator:	BRENNAN
Referred To:	Not reported
Reported to Dept:	1999-05-17
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported

VALSPAR CORP (Continued) **1004761481**

Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-06-17
Spill Record Last Update:	1999-09-30
Spiller Name:	ANNIE
Spiller Company:	PAGE TRANSPORTATION
Spiller Address:	2758 TROMBLEY ROAD
Spiller Company:	001
Contact Name:	JAMES F. DRZEWIECKI
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KAB 05/17/99: KAB RECEIVED LETTER OUTLINING DETAILS OF TWO SPILL INCIDENTS; ONE ON 5/12/99 AND ONE ON 5/13/99. DEC HAD RECEIVED PRIOR NOTIFICATION ON THE 5/12/99 SPILL BUT HAD NOT RECEIVED ANY PRIOR REPORT OF THE 5/13/99 INCIDENT. LETTER FROM PIERCE & STEVENS INDICATED THAT DRUMS OF WASTE MATERIAL FROM BOTH SPILLS WOULD BE DISPOSED OF. 06/17/99: KAB SENT LETTER ADVISING THAT DISPOSAL RECEIPTS MUST BE FORWARDED FOR CLOSURE. ALSO ADVISED THAT NOTIFICATION IS REQUIRED WITHIN 2 HOURS OF INCIDENT. 08/31/99: KAB SENT 2ND REQUEST FOR DISPOSAL RECEIPT. 09/03/99: KAB RECEIVED DISPOSAL RECEIPT. NO FURTHER ACTION NECESSARY. CLOSE OUT."
Remarks:	"RECEIVED LETTER FROM PIERCE & STEVENS ON 5/17/99 NOTIFYING DEC OF 5/13/99 INCIDENT. NO PRIOR NOTIFICATION RECEIVED. SPILLAGE REPORTEDLY CLEANED UP."

All Materials:

Site ID:	296061
Operable Unit ID:	1091357
Operable Unit:	01
Material ID:	291730
Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Facility ID:	0550802
Facility Type:	ER
Spill Number:	0550802
DER Facility ID:	56247
Site ID:	350890
DEC Region:	9
Closed Date:	2006-01-05
Spill Cause:	Human Error
Spill Class:	B3
SWIS:	1502
Spill Date:	2005-08-11
Investigator:	RMCROSSE
Referred To:	Not reported
Reported to Dept:	2005-08-11
CID:	Not reported
Water Affected:	Not reported

VALSPAR CORP (Continued) **1004761481**

Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2005-08-11
Spill Record Last Update:	2006-02-05
Spiller Name:	JAMES F. DREZWIECKI
Spiller Company:	SOVEREIGN COMMERCIAL GROUP, INC.
Spiller Address:	710 OHIO STREET
Spiller Company:	001
Contact Name:	JAMES DREWIECKI
DEC Memo:	"08/11/05 RMC/FILE. FAXED TO USCD, COPY DOW, NOTIFIED DK, PAGED FG. 08/011/05 RMC/SITE. MET STEVE GRADY AND JIM DRZEWIECKI WALKED TO SPILL AREA IN BACK OF THE PROPERTY. CLEANUP DONE ON LAND AND WORKING ON THE DITCH. TOOK UP AND DOWNSTREAM WATER SAMPLES. PRP BELIEVES THAT ALL SPILLED MATERIAL WILL BE RECOVERED AS IT IS NOT WATER SOL. 08/17/05 RMC/FILE. RECEIVED WRITTEN REPORT. IN-HOUSE LAB SHOWED LESS THAN 5PPM, DISPOSAL NOT YET DONE. RMC CONTACTED JIM DRZEWIECKI AND REQUESTED COPY OF THE DISPOSAL RECEIPTS FOR THE 7 DRUMS GENERATED WHEN DISPOSAL IS COMPLETED. AGREED. ADDITIONAL INFORMATION DUE. 9/30/05. 01/05/06 RMC/FILE. REVIEWED PACKAGE SUBMITTED 12/15/05. DISPOSAL DOCUMENTED FOR SEVEN DRUMS. NO FURTHER ACTION REQUIRED, CLOSE OUT. "
Remarks:	"tote fell off fork truck, spilling up to 50 gallons to asphalt, to stone, to a ditch with water. Just sitting in ditch now. Material 31% ethylacetate, 21% MEK, 21% acetone, 19% cas# 25608-33-7. Asphalt has been cleaned with speedy dry, gravel area is being cleaned up, National Vac is on the way to clean up ditch. Material sg is .9 and it is not water sol, currently is contained and floating on the surface water. Caller believes there is no chance of it getting into the Buffalo River. "

All Materials:

Site ID:	350890
Operable Unit ID:	1108431
Operable Unit:	01
Material ID:	2098368
Material Code:	0072A
Material Name:	ethyl acetate
Case No.:	00141786
Material FA:	Hazardous Material
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	False

Site ID:	350890
Operable Unit ID:	1108431
Operable Unit:	01
Material ID:	2098369
Material Code:	0024A
Material Name:	acetone
Case No.:	00067641
Material FA:	Hazardous Material

VALSPAR CORP (Continued) **1004761481**

Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	False
Site ID:	350890
Operable Unit ID:	1108431
Operable Unit:	01
Material ID:	2098370
Material Code:	0098B
Material Name:	methyl ethyl ketone
Case No.:	00078933
Material FA:	Hazardous Material
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	False
Facility ID:	1101523
Facility Type:	ER
Spill Number:	1101523
DER Facility ID:	403582
Site ID:	448983
DEC Region:	9
Closed Date:	2011-09-16
Spill Cause:	Vandalism
Spill Class:	C3
SWIS:	1502
Spill Date:	2011-05-10
Investigator:	FXGALLEG
Referred To:	Not reported
Reported to Dept:	2011-05-10
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2011-05-10
Spill Record Last Update:	2011-09-16
Spiller Name:	Not reported
Spiller Company:	HENKEL CORP
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	STEVE GRADY
DEC Memo:	"5/10/11 FG SITE INSPECTION. SURFACE TRANSFORMER HAD BEEN VANDALIZED AND CONTENTS OF OIL HAD BEEN SPILLED. MET MR. STEVE GRADY ON SITE WHO SAID HE WILL HIRE A COMPANY TO CLEANUP. 5/11/11 FG SITE INSPECTION. MET STEVE GRADY AND TOLD HIM CLEANUP WAS NOT GOOD ENOUGH. HE SAID THAT HE WILL HAVE ADDITIONAL CLEANUP COMPLETED. 5/12/11 FG SITE INSPECTION. NATIONAL VAC AND STEVE GRADY ON SITE. REMOVED ALL CONTAMINATION AND REMOVED ALL TRANSFORMERS IN SAME AREA. WILL SUBMIT

VALSPAR CORP (Continued) **1004761481**

THE DISPOSAL RECEIPTS. 9/16/11 NATIONAL VAC SUBMITTED THE DISPOSAL DOCUMENTATION FOR THE SITE. THE SITE IS CLOSED. "

Remarks: "spill to outside/clean up pending"

All Materials:

Site ID:	448983
Operable Unit ID:	1199206
Operable Unit:	01
Material ID:	2195560
Material Code:	0020A
Material Name:	transformer oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	40.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	VALSPAR CORP
Facility address:	710 OHIO ST SITE A BUFFALO, NY 14203
EPA ID:	NYR000087304
Mailing address:	THIRD ST S MINNEAPOLIS, MN 55415
Contact:	DENISE M FUSSY
Contact address:	THIRD ST S MINNEAPOLIS, MN 55415
Contact country:	US
Contact telephone:	612-375-7752
Contact email:	Not reported
EPA Region:	02
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	PIERCE & STEVENS CORP
Owner/operator address:	710 OHIO ST BUFFALO, NY 14203
Owner/operator country:	US
Owner/operator telephone:	716-856-4941
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	PIERCE & STEVENS CORP
Owner/operator address:	710 OHIO ST BUFFALO, NY 14203
Owner/operator country:	US
Owner/operator telephone:	716-856-4941

VALSPAR CORP (Continued) **1004761481**

Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: VALSPAR CORP
Classification: Not a generator, verified

Date form received by agency: 08/23/2002
Site name: VALSPAR CORP
Classification: Not a generator, verified

Date form received by agency: 06/20/2000
Site name: VALSPAR CORP
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL

VALSPAR CORP (Continued) **1004761481**

BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 08/16/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110004562937

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1004761481
Registry ID: 110004562937
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004562937

NY MANIFEST:
Country: USA
EPA ID: NYR000087304
Facility Status: Not reported
Location Address 1: 710 OHIO ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BUFFALO
Location State: NY
Location Zip: 14203
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000087304

VALSPAR CORP (Continued) **1004761481**

Mailing Name:	VALSPAR CORP
Mailing Contact:	TOM GILL
Mailing Address 1:	710 OHIO ST
Mailing Address 2:	Not reported
Mailing City:	BUFFALO
Mailing State:	NY
Mailing Zip:	14203
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7164857156

NY MANIFEST:

Document ID:	ARA1161064
Manifest Status:	Not reported
seq:	01
Year:	2000
Trans1 State ID:	H11
Trans2 State ID:	Not reported
Generator Ship Date:	09/28/2000
Trans1 Recv Date:	09/28/2000
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/30/2000
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000087304
Trans1 EPA ID:	MOD095038998
Trans2 EPA ID:	Not reported
TSDF ID 1:	ARD981057870
TSDF ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported
Discr Quantity Indicator:	Not reported
Discr Type Indicator:	Not reported
Discr Residue Indicator:	Not reported
Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00165
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00

Country:	USA
EPA ID:	NYD002108629

VALSPAR CORP (Continued) **1004761481**

Facility Status:	Not reported
Location Address 1:	710 OHIO STREET
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BUFFALO
Location State:	NY
Location Zip:	14203
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD002108629
Mailing Name:	HENKEL CORPERATION
Mailing Contact:	JAMES DRZEWIECKI
Mailing Address 1:	P O BOX 82
Mailing Address 2:	Not reported
Mailing City:	BUFFALO
Mailing State:	NY
Mailing Zip:	14220
Mailing Zip 4:	0082
Mailing Country:	USA
Mailing Phone:	7168564941

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2010
Trans1 State ID:	OHD042311209
Trans2 State ID:	Not reported
Generator Ship Date:	06/23/2010
Trans1 Recv Date:	06/23/2010
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/24/2010
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD002108629
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD049253719
TSDF ID 2:	Not reported
Manifest Tracking Number:	003529419FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported

VALSPAR CORP (Continued) **1004761481**

Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	4800.0
Units:	P - Pounds
Number of Containers:	12.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Waste Code:	D001
Waste Code 1_2:	D035
Waste Code 1_3:	F003
Waste Code 1_4:	F005
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

N71 **KELLY ISLAND** **NY SHWS** **S113916933**
SSE **724 OHIO STREET** **N/A**
1/4-1/2 **BUFFALO, NY**
0.403 mi.
2126 ft. **Site 2 of 2 in cluster N**

Relative: **Lower**

Actual: **583 ft.**

SHWS:

Program:	HW
Site Code:	56606
Classification:	N
Region:	9
Acres:	Not reported
HW Code:	915095
Record Add:	11/18/1999
Record Upd:	02/15/2013
Updated By:	MLDOSTER
Site Description:	This site was formerly used by Lebis Contracting and Anthony Bodami for disposal of bricks and broken concrete. Erie County DEP prepared a site profile report in 1982 and concluded that there is no evidence that Kelly Island was utilized for the disposal of hazardous waste.
Env Problem:	There are no known environmenal problems at this site. No hazardous waste was identified at this site.
Health Problem:	Not reported
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Disp. Owner
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	UNKNOWN

KELLY ISLAND (Continued) **S113916933**

Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	NY
Owner Country:	Unknown
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

O72 **BUFFALO OUTER HARBOR-RADIO TOWER AREA** **NY SHWS** **S118950586**
SSW **901 FUHRMANN BOULEVARD** **N/A**
1/4-1/2 **BUFFALO, NY 14205**
0.432 mi.
2281 ft. **Site 1 of 4 in cluster O**

Relative: **Lower**

Actual: **570 ft.**

SHWS:

Program:	HW
Site Code:	56556
Classification:	Site is properly closed - requires continued management.
Region:	9
Acres:	0.9
HW Code:	915026
Record Add:	11/18/1999
Record Upd:	11/06/2017
Updated By:	CRSTANIS

Site Description: Location: The Radio Tower Area is located near Lake Erie and the Buffalo Outer Harbor, in the southeast corner of a larger, 212-acre parcel of waterfront land owned by the Niagara Frontier Transportation Authority (NFTA). The site is located in an urban area. Site Features: The majority of the NFTA's Buffalo Outer Harbor property is reclaimed land, created primarily with sediments dredged from the harbor shipping channels over a 100-year period ending in the mid 1960s. The southern end of the NFTA property is occupied by the NFTA's port terminal facilities, consisting of two warehouses and large, paved parking areas. The Radio Tower Area is situated near the northern edge of the terminal parking area. The remainder of the NFTA property to the north of the site is vacant land. The environmental restoration project known as the Greenbelt (Site #B00149) is located along the harbor shoreline approximately 1000 feet northwest of the the Radio Tower Area. Fuhrmann Boulevard and NY State Route 5 are located several hundred feet to the east of the Radio Tower Area, along the eastern border of the NFTA property. Current Zoning and Land Use: This site is zoned for commercial use. Past Use of the Site: A 1998 Remedial Investigation conducted by NYSDEC found that the most significantly contaminated portion of the NFTA Outer Harbor property was located near a radio tower at the southern end of the property. Records indicated that hazardous waste from a local chemical dye manufacturer were disposed in this portion of the property; concentrations of nitrobenzene found in the soils here exceeded TCLP hazardous waste thresholds. The site originally included a 6-acre parcel referred to as the Radio Tower Area. A Record of Decision (ROD) for the Radio Tower Area was issued in 1999,

BUFFALO OUTER HARBOR-RADIO TOWER AREA (Continued) **S118950586**

calling for the ex-situ bioremediation of the nitrobenzene-contaminated soils. In 2001, the responsible party completed a pilot study of an in-situ chemical oxidation treatment of soils as an alternative to the ROD. An Explanation of Significant Difference to the ROD was issued in 2003, accepting the in-situ chemical oxidation remedy for the Radio Tower Area. A design investigation was initiated in late 2002 to further delineate the area of soil requiring treatment. The boundaries of the site, the area subject to deed restrictions and long term management, were later redefined to encompass sample locations where the residual subsurface soil/fill concentrations of nitrobenzene exceeded 1 mg/kg, an area measuring approximately 0.9 acres. Remedial action was initiated in 2003 and consisted of two rounds of in situ chemical oxidation treatments using potassium permanganate. Additional treatability studies were conducted and a stabilizing mixture of Portland cement and activated carbon was determined to be effective in reducing the leachability of the remaining nitrobenzene. In-situ stabilization activities were completed in 2003. The addition of the cement and activated carbon created a mound of treated soils approximately 7 feet above the surrounding ground surface. The final site restoration activities, completed in 2004, consisted of the excavation of the mounded, excess treated/stabilized soils to ground surface and transport of that excavated material to the nearby Alltift Landfill site (#915054). Here the material was used to stabilize similarly contaminated sediments and soils, in conjunction with an ongoing NYSDEC-approved site remediation. Approximately 1680 cubic yards of treated, stabilized soil was taken to the Alltift landfill site. The treated soils remaining at the Radio Tower Area were covered with two feet of clean fill and topsoil over a demarcation layer of geotextile fabric. Deed restrictions were filed in 2005 limiting the site to industrial or commercial usage. A Site Management Plan was put in place requiring annual inspection and maintenance of the soil cover.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: The primary contaminant of concern at the site was nitrobenzene in the soil. The completed remedial action has treated and stabilized the soils and is not having an impact on groundwater quality. Groundwater samples were also obtained from a number of wells located throughout the Buffalo Outer Harbor property. Groundwater sample results from areas outside the RTA contained low levels of metals and some wells exhibited low levels of SVOC compounds above the Class GA groundwater standards. Due to the limited migration of groundwater contamination and the low permeability of the fill material, the chemical loading to the Lake is minimal. Post-Remediation: Sampling of the surface waters of Lake Erie concluded that there are no present impacts to water quality from the Buffalo Outer Harbor property. Remediation at the site is complete.

Health Problem: Drinking contaminated water is not expected because the area is served by a public water supply system. The contaminated soil in the vicinity of the Radio Tower has been remediated. In the event of development outside the Radio Tower Area, the State recommends that the developer and municipal authorities ensure elimination of exposure routes that would be created by increased land use.

Dump: False
Structure: False
Lagoon: False
Landfill: True

BUFFALO OUTER HARBOR-RADIO TOWER AREA (Continued) **S118950586**

Pond:	False
Disp Start:	unknown
Disp Term:	unknown
Lat/Long:	42:51:22.6 / 78:52:15.2
Dell:	False
Record Add:	11/18/1999 12:00:00 PM
Record Upd:	6/15/2007 2:04:00 PM
Updated By:	DPLOCEY
Own Op:	Owner
Sub Type:	05
Owner Name:	Chris Catanzaro
Owner Company:	Erie Canal Harbor Development Corporation
Owner Address:	95 Perry Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
HW Code:	915026
Waste Type:	TCLP, NITROBENZENE CONTAMINATED SOIL (D036)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	915026
Waste Type:	NITROBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	915026
Waste Type:	NITROBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	NYD000514000
Cross Ref Type Code:	05
Cross Ref Type:	EPA Site ID
Record Added Date:	11/18/1999 12:00:00 PM
Record Updated:	5/10/2001 4:31:00 PM
Updated By:	REGTRANS
Crossref ID:	B9-0233-88-07
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2/11/2010 3:41:00 PM
Record Updated:	2/11/2010 3:41:00 PM
Updated By:	MLDOSTER
Crossref ID:	2005121507
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2/11/2010 3:39:00 PM
Record Updated:	2/11/2010 3:39:00 PM
Updated By:	MLDOSTER

O73 **LAKESIDE WAREHOUSE "A"** **NY LTANKS** **S100119717**
SSW **901 FUHRMAN BLVD** **NY CBS** **N/A**
1/4-1/2 **BUFFALO, NY 14201** **NY Spills**
0.432 mi.
2281 ft. **Site 2 of 4 in cluster O**

Relative: LTANKS:
Lower

Facility ID:	8707963
Site ID:	120549
Closed Date:	1989-07-24
Spill Number:	8707963

Actual:
570 ft.

LAKESIDE WAREHOUSE "A" (Continued) **S100119717**

Spill Date:	1987-12-14
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Not reported
Cleanup Ceased:	1989-07-24
SWIS:	1502
Investigator:	PRINGLE
Referred To:	Not reported
Reported to Dept:	1987-12-14
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	1989-02-01
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1987-12-16
Spill Record Last Update:	1989-09-27
Spiller Name:	Not reported
Spiller Company:	NFTA
Spiller Address:	181 ELLICOTT STREET
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	9
DER Facility ID:	104659
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MNP 12/14/87: MNP INFORMATION 12/14/87, TANK TO BE EMPTIED AND EITHER REMOVED OR FILLED. 12/22/87: 12/15-17/87 MNP TELECONS, TANK TO BE RETESTED 12/20/87;12/22/87 MNP TELECON & INSP. TANK FAILED RETEST, BEING EMPTIED, TANK TO BE REMOVED. 02/01/88: 2/1/88 MNP TELECON W/TERMINI, TANK EMPTY, TAKING BIDS FOR REMOVAL;LETTER TO BE SENT. 02/05/88: 2/5/88 LETTER TO TERMINI, NFTA, SCHEDULE FOR TANK REMOVAL TO BE SUBMITTED BY 4/1/88. 05/02/88: 5/2/88 MNP TELECON W/TERMINI, SPILL BEING HANDLED BY WALTER ZMUADA; MNP TELECON, ZMAUDA NOT IN, TO RETURN CALL. 05/03/88: 5/3/88 MNP TELECON W/HAROLD MATUSZAK, NFTA ENGINEERING, NO SCHEDULE OR CONTRACTOR HIRED YET, HE WAS ADVISED THAT DEC MAY HAVE TO HIRE CONTRACTOR IF THEY CANNOT. 05/09/88: 5/9/88 LETTER TO MATUSZAK, NFTA, TANK TO BE REMOVED W/IN 30 DAYS. 06/03/88: 6/3/88 MNP TELECON W/ZYNDA, NFTA, HE IS SETTING UP CONTRACT, NO CONTRACTOR BIDS DONE YET, HE AGREED TO SEND SCHEDULE. 06/29/88: 6/29/88 MNP TELECON W/ZYNDA, HE WILL SEND WORK PROPOSAL FOR REVIEW THIS WEEK, HE EXPECTS TANK REMOVAL BY 7/30/88. 07/05/88: 7/5/88 RECEIVED NFTA WORK PROPOSAL. 09/30/88: 9/30/88 MNP TELECON W/ZYNDA, THEY HAVE NO FUNDS TO DO TANK REMOVAL I AM TO CONTACT WILLIAM BULOW, OPERATIONS. 10/14/88: 10/14/88 RECEIVED NFTA LETTER, THEY PROPOSED TO DO TANK REMOVAL AFTER 4/1/89. 10/17/88: 10/17/88 MNP & RNL DISCUSSION, SCHEDULE UNSATISFACTORY, NFTA WILL HAVE OPTION TO EXCAVATE OR INSTALL MW, OTHERWISE DEC WILL HIRE CONTRACTOR; MNP TELECONS W/BULOW, MONEY TO BE TRANSFERRED FOR PROJECT. 10/28/88: 10/28/88 PHONE MESSAGE FROM BULOW, OBTAINED FUNDS TO REMOVE TANK, SCHEDULE W/IN 10 DAYS FOR REVIEW. 12/13/88: 12/13/88 MNP TELECON, BULOW NOT IN, TO RETURN CALL. 12/14/88: 12/14/88 CERT. LETTER TO BULOW, NFTA, DEC TO REMOVE TANK, RIGT-OF-ENTRY FORM TO BE SIGNED & RETURNED BY 12/30/88. 07/24/89: 7/24/89 MNP REVIEW OF FILE, WORK

LAKESIDE WAREHOUSE "A" (Continued) **S100119717**

SATISFACTORY & COMPLETE, FINAL PAY. PACKAGE SENT TO ALBANY, RNL TO DO ISR. "
Remarks: "20,000 GALLON TANK, FAILURE RATE -0.144 GPH"

All TTF:
Facility ID: 8707963
Spill Number: 8707963
Spill Tank Test: 1532672
Site ID: 120549
Tank Number: Not reported
Tank Size: 0
Material: 0002
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 120549
Operable Unit ID: 912289
Operable Unit: 01
Material ID: 463363
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 25.00
Units: G
Recovered: 25.00
Oxygenate: Not reported

CBS:
CBS Number: 9-000279
Program Type: CBS
Facility Status: Unregulated/Closed
Expiration Date: Not reported
Dec Region: 9
UTMX: 183971.60582
UTMY: 4752041.34638

SPILLS:
Facility ID: 0307109
Facility Type: ER
Spill Number: 0307109
DER Facility ID: 197729
Site ID: 240437
DEC Region: 9
Closed Date: 2005-04-15
Spill Cause: Deliberate

LAKESIDE WAREHOUSE "A" (Continued) **S100119717**

Spill Class:	D4
SWIS:	1502
Spill Date:	2003-10-06
Investigator:	MXFRANKS
Referred To:	Not reported
Reported to Dept:	2003-10-06
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-10-06
Spill Record Last Update:	2005-04-15
Spiller Name:	Not reported
Spiller Company:	CITY OF BUFFALO
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	REFUSED
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KAB 04/15/05: MF FILE REVIEW, ASSIGNED TO KAB DEAD ISSUE. NO FURTHER ACTION POSSIBLE. **********COMPUTER FILE ONLY**********"
Remarks:	"CALLER IS CONCERNED ABOUT SALT OR ROCK SALT NOT BEING COVERED AT THE ABOVE LOCATION MAY BE GOING INTO THE STORM SEWER RIGHT NOW APPROX THOUSANDS OF TONS RIGHT NOW BEING WASHED IN TO THE DRAINS THIS IS AT A WAREHOUSE PARKING LOT CALLERS SAYS IT IS NOW PROBLY IN THE WATER HE DOES NOT WANT TO GET INVOLVED "

All Materials:

Site ID:	240437
Operable Unit ID:	873665
Operable Unit:	01
Material ID:	500685
Material Code:	0063A
Material Name:	unknown hazardous material
Case No.:	Not reported
Material FA:	Hazardous Material
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Facility ID:	9202240
Facility Type:	ER
Spill Number:	9202240
DER Facility ID:	104659
Site ID:	166237
DEC Region:	9
Closed Date:	1992-05-28
Spill Cause:	Equipment Failure
Spill Class:	D5
SWIS:	1502

LAKESIDE WAREHOUSE "A" (Continued) **S100119717**

Spill Date:	1992-05-23
Investigator:	PRINGLE
Referred To:	Not reported
Reported to Dept:	1992-05-23
CID:	Not reported
Water Affected:	LAKE ERIE
Spill Source:	Vessel
Spill Notifier:	Federal Government
Cleanup Ceased:	1992-05-28
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1992-05-28
Spill Record Last Update:	1992-08-06
Spiller Name:	Not reported
Spiller Company:	THOMAS ANSWEENEY
Spiller Address:	10136 SISSON HIGHWAY
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MNP 05/28/92: 5/28/92 MNP TELECON WITH LARUSSO AT BOAT HARBOR, SORBENTS BAGGED & DISPOSED IN DUMPSTER. NO FURTHER ACTION NEEDED, COMPLETE. "
Remarks:	"SMALL GASOLINE SPILL FROM PARTIALLY SUBMERGED BOAT."

All Materials:

Site ID:	166237
Operable Unit ID:	966333
Operable Unit:	01
Material ID:	413503
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Facility ID:	9410143
Facility Type:	ER
Spill Number:	9410143
DER Facility ID:	197729
Site ID:	72065
DEC Region:	9
Closed Date:	1994-11-02
Spill Cause:	Human Error
Spill Class:	D4
SWIS:	1502
Spill Date:	1994-10-29
Investigator:	BRENNAN
Referred To:	Not reported
Reported to Dept:	1994-10-29
CID:	Not reported
Water Affected:	Not reported

LAKESIDE WAREHOUSE "A" (Continued) **S100119717**

Spill Source:	Commercial/Industrial
Spill Notifier:	Fire Department
Cleanup Ceased:	1994-11-02
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1994-11-02
Spill Record Last Update:	1994-11-14
Spiller Name:	Not reported
Spiller Company:	TOPS MARKETS
Spiller Address:	901 FUHRMAN BLVD.
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KAH 11/02/94: KAH - MARTY DOSTER, DHWR ADVISED RNL THAT INCIDENT WOULD BE FOLLOWED-UP BY ERIE COUNTY AND OTHER AGENCIES. NO ACTION BY SPILLS UNIT NECESSARY. "
Remarks:	"FORKLIFT HIT OVERHEAD PIPE CAUSING ASBESTOS TO DROP TO SMALL AREA."

All Materials:

Site ID:	72065
Operable Unit ID:	1004073
Operable Unit:	01
Material ID:	376013
Material Code:	0026A
Material Name:	asbestos
Case No.:	01332214
Material FA:	Hazardous Material
Quantity:	.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

O74 **NIAGARA FRONTIER PORT AUTHORITY** **SEMS-ARCHIVE** **1000232780**
SSW **910 FUHRMAN BLVD** **NY ENG CONTROLS** **NYD000514000**
1/4-1/2 **BUFFALO, NY 14203** **NY INST CONTROL**
0.432 mi. **NY Spills**
2281 ft. **Site 3 of 4 in cluster O** **RCRA NonGen / NLR**
NY MANIFEST

Relative:
Lower

Actual:
570 ft.

SEMS Archive:

Site ID:	201256
EPA ID:	NYD000514000
Cong District:	37
FIPS Code:	36029
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	2
Site ID:	201256
EPA ID:	NYD000514000
Site Name:	NIAGARA FRONTIER PORT AUTHORITY
NPL:	N
FF:	N

NIAGARA FRONTIER PORT AUTHORITY (Continued) **1000232780**

OU:	0
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1987-09-25 00:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse
Region:	2
Site ID:	201256
EPA ID:	NYD000514000
Site Name:	NIAGARA FRONTIER PORT AUTHORITY
NPL:	N
FF:	N
OU:	0
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1980-04-15 00:00:00
Finish Date:	1980-04-15 00:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	2
Site ID:	201256
EPA ID:	NYD000514000
Site Name:	NIAGARA FRONTIER PORT AUTHORITY
NPL:	N
FF:	N
OU:	0
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1987-09-25 00:00:00
Qual:	N
Current Action Lead:	St Perf

ENG CONTROLS:

Site Code:	56556
HW Code:	915026
Control Code:	15
Control Type:	ENG
Date Record Added:	06/15/2007
Date Rec Updated:	01/05/2011
Updated By:	LSZINOMA
Site Description:	Location: The Radio Tower Area is located near Lake Erie and the Buffalo Outer Harbor, in the southeast corner of a larger, 212-acre parcel of waterfront land owned by the Niagara Frontier Transportation Authority (NFTA). The site is located in an urban area. Site Features: The majority of the NFTA's Buffalo Outer Harbor property is reclaimed land, created primarily with sediments dredged from the harbor shipping channels over a 100-year period ending in the mid 1960s. The southern end of the NFTA property is occupied by the NFTA's port terminal facilities, consisting of two warehouses and

NIAGARA FRONTIER PORT AUTHORITY (Continued) **1000232780**

large, paved parking areas. The Radio Tower Area is situated near the northern edge of the terminal parking area. The remainder of the NFTA property to the north of the site is vacant land. The environmental restoration project known as the Greenbelt (Site #B00149) is located along the harbor shoreline approximately 1000 feet northwest of the the Radio Tower Area. Fuhrmann Boulevard and NY State Route 5 are located several hundred feet to the east of the Radio Tower Area, along the eastern border of the NFTA property. Current Zoning and Land Use: This site is zoned for commercial use. Past Use of the Site: A 1998 Remedial Investigation conducted by NYSDEC found that the most significantly contaminated portion of the NFTA Outer Harbor property was located near a radio tower at the southern end of the property. Records indicated that hazardous waste from a local chemical dye manufacturer were disposed in this portion of the property; concentrations of nitrobenzene found in the soils here exceeded TCLP hazardous waste thresholds. The site originally included a 6-acre parcel referred to as the Radio Tower Area. A Record of Decision (ROD) for the Radio Tower Area was issued in 1999, calling for the ex-situ bioremediation of the nitrobenzene-contaminated soils. In 2001, the responsible party completed a pilot study of an in-situ chemical oxidation treatment of soils as an alternative to the ROD. An Explanation of Significant Difference to the ROD was issued in 2003, accepting the in-situ chemical oxidation remedy for the Radio Tower Area. A design investigation was initiated in late 2002 to further delineate the area of soil requiring treatment. The boundaries of the site, the area subject to deed restrictions and long term management, were later redefined to encompass sample locations where the residual subsurface soil/fill concentrations of nitrobenzene exceeded 1 mg/kg, an area measuring approximately 0.9 acres. Remedial action was initiated in 2003 and consisted of two rounds of in situ chemical oxidation treatments using potassium permanganate. Additional treatability studies were conducted and a stabilizing mixture of Portland cement and activated carbon was determined to be effective in reducing the leachability of the remaining nitrobenzene. In-situ stabilization activities were completed in 2003. The addition of the cement and activated carbon created a mound of treated soils approximately 7 feet above the surrounding ground surface. The final site restoration activities, completed in 2004, consisted of the excavation of the mounded, excess treated/stabilized soils to ground surface and transport of that excavated material to the nearby Alltift Landfill site (#915054). Here the material was used to stabilize similarly contaminated sediments and soils, in conjunction with an ongoing NYSDEC-approved site remediation. Approximately 1680 cubic yards of treated, stabilized soil was taken to the Alltift landfill site. The treated soils remaining at the Radio Tower Area were covered with two feet of clean fill and topsoil over a demarcation layer of geotextile fabric. Deed restrictions were filed in 2005 limiting the site to industrial or commercial usage. A Site Management Plan was put in place requiring annual inspection and maintenance of the soil cover.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: The primary contaminant of concern at the site was nitrobenzene in the soil. The completed remedial action has treated and stabilized the soils and is not having an impact on groundwater quality. Groundwater samples were also obtained from a number of wells located throughout the Buffalo Outer Harbor property. Groundwater sample results from areas outside

NIAGARA FRONTIER PORT AUTHORITY (Continued) **1000232780**

	the RTA contained low levels of metals and some wells exhibited low levels of SVOC compounds above the Class GA groundwater standards. Due to the limited migration of groundwater contamination and the low permeability of the fill material, the chemical loading to the Lake is minimal. Post-Remediation: Sampling of the surface waters of Lake Erie concluded that there are no present impacts to water quality from the Buffalo Outer Harbor property. Remediation at the site is complete.
Health Problem:	Drinking contaminated water is not expected because the area is served by a public water supply system. The contaminated soil in the vicinity of the Radio Tower has been remediated. In the event of development outside the Radio Tower Area, the State recommends that the developer and municipal authorities ensure elimination of exposure routes that would be created by increased land use.
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	True
Pond:	False
Disp Start:	unknown
Disp Term:	unknown
Lat/Long:	42:51:22.6 / 78:52:15.2
Dell:	False
Record Add:	11/18/1999 12:00:00 PM
Record Upd:	6/15/2007 2:04:00 PM
Updated By:	DPLOCEY
Own Op:	Owner
Sub Type:	05
Owner Name:	Chris Catanzaro
Owner Company:	Erie Canal Harbor Development Corporation
Owner Address:	95 Perry Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
HW Code:	915026
Waste Type:	TCLP, NITROBENZENE CONTAMINATED SOIL (D036)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	915026
Waste Type:	NITROBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	915026
Waste Type:	NITROBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	NYD000514000
Cross Ref Type Code:	05
Cross Ref Type:	EPA Site ID
Record Added Date:	11/18/1999 12:00:00 PM
Record Updated:	5/10/2001 4:31:00 PM
Updated By:	REGTRANS
Crossref ID:	B9-0233-88-07
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2/11/2010 3:41:00 PM
Record Updated:	2/11/2010 3:41:00 PM

NIAGARA FRONTIER PORT AUTHORITY (Continued) **1000232780**

Updated By: MLDOSTER
Crossref ID: 2005121507
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2/11/2010 3:39:00 PM
Record Updated: 2/11/2010 3:39:00 PM
Updated By: MLDOSTER

INST CONTROL:
Site Code: 56556
Control Name: Ground Water Use Restriction
HW Code: 915026
Control Code: 08
Control Type: INST
Dt record added: 06/15/2007
Dt rec updated: 01/05/2011
Updated By: LSZINOMA
Site Code: 56556
Site Description: Location: The Radio Tower Area is located near Lake Erie and the Buffalo Outer Harbor, in the southeast corner of a larger, 212-acre parcel of waterfront land owned by the Niagara Frontier Transportation Authority (NFTA). The site is located in an urban area. Site Features: The majority of the NFTA's Buffalo Outer Harbor property is reclaimed land, created primarily with sediments dredged from the harbor shipping channels over a 100-year period ending in the mid 1960s. The southern end of the NFTA property is occupied by the NFTA's port terminal facilities, consisting of two warehouses and large, paved parking areas. The Radio Tower Area is situated near the northern edge of the terminal parking area. The remainder of the NFTA property to the north of the site is vacant land. The environmental restoration project known as the Greenbelt (Site #B00149) is located along the harbor shoreline approximately 1000 feet northwest of the the Radio Tower Area. Fuhrmann Boulevard and NY State Route 5 are located several hundred feet to the east of the Radio Tower Area, along the eastern border of the NFTA property. Current Zoning and Land Use: This site is zoned for commercial use. Past Use of the Site: A 1998 Remedial Investigation conducted by NYSDEC found that the most significantly contaminated portion of the NFTA Outer Harbor property was located near a radio tower at the southern end of the property. Records indicated that hazardous waste from a local chemical dye manufacturer were disposed in this portion of the property; concentrations of nitrobenzene found in the soils here exceeded TCLP hazardous waste thresholds. The site originally included a 6-acre parcel referred to as the Radio Tower Area. A Record of Decision (ROD) for the Radio Tower Area was issued in 1999, calling for the ex-situ bioremediation of the nitrobenzene-contaminated soils. In 2001, the responsible party completed a pilot study of an in-situ chemical oxidation treatment of soils as an alternative to the ROD. An Explanation of Significant Difference to the ROD was issued in 2003, accepting the in-situ chemical oxidation remedy for the Radio Tower Area. A design investigation was initiated in late 2002 to further delineate the area of soil requiring treatment. The boundaries of the site, the area subject to deed restrictions and long term management, were later redefined to encompass sample locations where the residual subsurface soil/fill concentrations of nitrobenzene exceeded 1 mg/kg, an area measuring approximately 0.9 acres. Remedial action was

NIAGARA FRONTIER PORT AUTHORITY (Continued) **1000232780**

initiated in 2003 and consisted of two rounds of in situ chemical oxidation treatments using potassium permanganate. Additional treatability studies were conducted and a stabilizing mixture of Portland cement and activated carbon was determined to be effective in reducing the leachability of the remaining nitrobenzene. In-situ stabilization activities were completed in 2003. The addition of the cement and activated carbon created a mound of treated soils approximately 7 feet above the surrounding ground surface. The final site restoration activities, completed in 2004, consisted of the excavation of the mounded, excess treated/stabilized soils to ground surface and transport of that excavated material to the nearby Alltift Landfill site (#915054). Here the material was used to stabilize similarly contaminated sediments and soils, in conjunction with an ongoing NYSDEC-approved site remediation. Approximately 1680 cubic yards of treated, stabilized soil was taken to the Alltift landfill site. The treated soils remaining at the Radio Tower Area were covered with two feet of clean fill and topsoil over a demarcation layer of geotextile fabric. Deed restrictions were filed in 2005 limiting the site to industrial or commercial usage. A Site Management Plan was put in place requiring annual inspection and maintenance of the soil cover.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: The primary contaminant of concern at the site was nitrobenzene in the soil. The completed remedial action has treated and stabilized the soils and is not having an impact on groundwater quality. Groundwater samples were also obtained from a number of wells located throughout the Buffalo Outer Harbor property. Groundwater sample results from areas outside the RTA contained low levels of metals and some wells exhibited low levels of SVOC compounds above the Class GA groundwater standards. Due to the limited migration of groundwater contamination and the low permeability of the fill material, the chemical loading to the Lake is minimal. Post-Remediation: Sampling of the surface waters of Lake Erie concluded that there are no present impacts to water quality from the Buffalo Outer Harbor property. Remediation at the site is complete.

Health Problem: Drinking contaminated water is not expected because the area is served by a public water supply system. The contaminated soil in the vicinity of the Radio Tower has been remediated. In the event of development outside the Radio Tower Area, the State recommends that the developer and municipal authorities ensure elimination of exposure routes that would be created by increased land use.

Dump: False
Structure: False
Lagoon: False
Landfill: True
Pond: False
Disp Start: unknown
Disp Term: unknown
Lat/Long: 42:51:22.6 / 78:52:15.2
Dell: False
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 6/15/2007 2:04:00 PM
Updated By: DPLOCEY
Own Op: Owner
Sub Type: 05
Owner Name: Chris Catanzaro
Owner Company: Erie Canal Harbor Development Corporation

NIAGARA FRONTIER PORT AUTHORITY (Continued) **1000232780**

Owner Address: 95 Perry Street
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
HW Code: 915026
Waste Type: TCLP, NITROBENZENE CONTAMINATED SOIL (D036)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 915026
Waste Type: NITROBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 915026
Waste Type: NITROBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: NYD000514000
Cross Ref Type Code: 05
Cross Ref Type: EPA Site ID
Record Added Date: 11/18/1999 12:00:00 PM
Record Updated: 5/10/2001 4:31:00 PM
Updated By: REGTRANS
Crossref ID: B9-0233-88-07
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2/11/2010 3:41:00 PM
Record Updated: 2/11/2010 3:41:00 PM
Updated By: MLDOSTER
Crossref ID: 2005121507
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2/11/2010 3:39:00 PM
Record Updated: 2/11/2010 3:39:00 PM
Updated By: MLDOSTER

Site Code: 56556
Control Name: Landuse Restriction
HW Code: 915026
Control Code: 25
Control Type: INST
Dt record added: 06/15/2007
Dt rec updated: 01/05/2011
Updated By: LSZINOMA
Site Code: 56556
Site Description: Location: The Radio Tower Area is located near Lake Erie and the Buffalo Outer Harbor, in the southeast corner of a larger, 212-acre parcel of waterfront land owned by the Niagara Frontier Transportation Authority (NFTA). The site is located in an urban area. Site Features: The majority of the NFTA's Buffalo Outer Harbor property is reclaimed land, created primarily with sediments dredged from the harbor shipping channels over a 100-year period ending in the mid 1960s. The southern end of the NFTA property is occupied by the NFTA's port terminal facilities, consisting of two warehouses and large, paved parking areas. The Radio Tower Area is situated near the northern edge of the terminal parking area. The remainder of the NFTA property to the north of the site is vacant land. The environmental restoration project known as the Greenbelt (Site #B00149) is located

NIAGARA FRONTIER PORT AUTHORITY (Continued) **1000232780**

along the harbor shoreline approximately 1000 feet northwest of the the Radio Tower Area. Fuhrmann Boulevard and NY State Route 5 are located several hundred feet to the east of the Radio Tower Area, along the eastern border of the NFTA property. Current Zoning and Land Use: This site is zoned for commercial use. Past Use of the Site: A 1998 Remedial Investigation conducted by NYSDEC found that the most significantly contaminated portion of the NFTA Outer Harbor property was located near a radio tower at the southern end of the property. Records indicated that hazardous waste from a local chemical dye manufacturer were disposed in this portion of the property; concentrations of nitrobenzene found in the soils here exceeded TCLP hazardous waste thresholds. The site originally included a 6-acre parcel referred to as the Radio Tower Area. A Record of Decision (ROD) for the Radio Tower Area was issued in 1999, calling for the ex-situ bioremediation of the nitrobenzene-contaminated soils. In 2001, the responsible party completed a pilot study of an in-situ chemical oxidation treatment of soils as an alternative to the ROD. An Explanation of Significant Difference to the ROD was issued in 2003, accepting the in-situ chemical oxidation remedy for the Radio Tower Area. A design investigation was initiated in late 2002 to further delineate the area of soil requiring treatment. The boundaries of the site, the area subject to deed restrictions and long term management, were later redefined to encompass sample locations where the residual subsurface soil/fill concentrations of nitrobenzene exceeded 1 mg/kg, an area measuring approximately 0.9 acres. Remedial action was initiated in 2003 and consisted of two rounds of in situ chemical oxidation treatments using potassium permanganate. Additional treatability studies were conducted and a stabilizing mixture of Portland cement and activated carbon was determined to be effective in reducing the leachability of the remaining nitrobenzene. In-situ stabilization activities were completed in 2003. The addition of the cement and activated carbon created a mound of treated soils approximately 7 feet above the surrounding ground surface. The final site restoration activities, completed in 2004, consisted of the excavation of the mounded, excess treated/stabilized soils to ground surface and transport of that excavated material to the nearby Alltift Landfill site (#915054). Here the material was used to stabilize similarly contaminated sediments and soils, in conjunction with an ongoing NYSDEC-approved site remediation. Approximately 1680 cubic yards of treated, stabilized soil was taken to the Alltift landfill site. The treated soils remaining at the Radio Tower Area were covered with two feet of clean fill and topsoil over a demarcation layer of geotextile fabric. Deed restrictions were filed in 2005 limiting the site to industrial or commercial usage. A Site Management Plan was put in place requiring annual inspection and maintenance of the soil cover.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: The primary contaminant of concern at the site was nitrobenzene in the soil. The completed remedial action has treated and stabilized the soils and is not having an impact on groundwater quality. Groundwater samples were also obtained from a number of wells located throughout the Buffalo Outer Harbor property. Groundwater sample results from areas outside the RTA contained low levels of metals and some wells exhibited low levels of SVOC compounds above the Class GA groundwater standards. Due to the limited migration of groundwater contamination and the low permeability of the fill material, the chemical loading to the Lake

NIAGARA FRONTIER PORT AUTHORITY (Continued) **1000232780**

	is minimal. Post-Remediation: Sampling of the surface waters of Lake Erie concluded that there are no present impacts to water quality from the Buffalo Outer Harbor property. Remediation at the site is complete.
Health Problem:	Drinking contaminated water is not expected because the area is served by a public water supply system. The contaminated soil in the vicinity of the Radio Tower has been remediated. In the event of development outside the Radio Tower Area, the State recommends that the developer and municipal authorities ensure elimination of exposure routes that would be created by increased land use.
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	True
Pond:	False
Disp Start:	unknown
Disp Term:	unknown
Lat/Long:	42:51:22.6 / 78:52:15.2
Dell:	False
Record Add:	11/18/1999 12:00:00 PM
Record Upd:	6/15/2007 2:04:00 PM
Updated By:	DPLOCEY
Own Op:	Owner
Sub Type:	05
Owner Name:	Chris Catanzaro
Owner Company:	Erie Canal Harbor Development Corporation
Owner Address:	95 Perry Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Buffalo, NY 14203
Owner Country:	United States of America
HW Code:	915026
Waste Type:	TCLP, NITROBENZENE CONTAMINATED SOIL (D036)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	915026
Waste Type:	NITROBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	915026
Waste Type:	NITROBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	NYD000514000
Cross Ref Type Code:	05
Cross Ref Type:	EPA Site ID
Record Added Date:	11/18/1999 12:00:00 PM
Record Updated:	5/10/2001 4:31:00 PM
Updated By:	REGTRANS
Crossref ID:	B9-0233-88-07
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2/11/2010 3:41:00 PM
Record Updated:	2/11/2010 3:41:00 PM
Updated By:	MLDOSTER
Crossref ID:	2005121507
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier

NIAGARA FRONTIER PORT AUTHORITY (Continued) **1000232780**

Record Added Date: 2/11/2010 3:39:00 PM
Record Updated: 2/11/2010 3:39:00 PM
Updated By: MLDOSTER

Site Code: 56556
Control Name: Soil Management Plan
HW Code: 915026
Control Code: 14
Control Type: INST
Dt record added: 06/15/2007
Dt rec updated: 01/05/2011
Updated By: LSZINOMA
Site Code: 56556
Site Description: Location: The Radio Tower Area is located near Lake Erie and the Buffalo Outer Harbor, in the southeast corner of a larger, 212-acre parcel of waterfront land owned by the Niagara Frontier Transportation Authority (NFTA). The site is located in an urban area. Site Features: The majority of the NFTA's Buffalo Outer Harbor property is reclaimed land, created primarily with sediments dredged from the harbor shipping channels over a 100-year period ending in the mid 1960s. The southern end of the NFTA property is occupied by the NFTA's port terminal facilities, consisting of two warehouses and large, paved parking areas. The Radio Tower Area is situated near the northern edge of the terminal parking area. The remainder of the NFTA property to the north of the site is vacant land. The environmental restoration project known as the Greenbelt (Site #B00149) is located along the harbor shoreline approximately 1000 feet northwest of the the Radio Tower Area. Fuhrmann Boulevard and NY State Route 5 are located several hundred feet to the east of the Radio Tower Area, along the eastern border of the NFTA property. Current Zoning and Land Use: This site is zoned for commercial use. Past Use of the Site: A 1998 Remedial Investigation conducted by NYSDEC found that the most significantly contaminated portion of the NFTA Outer Harbor property was located near a radio tower at the southern end of the property. Records indicated that hazardous waste from a local chemical dye manufacturer were disposed in this portion of the property; concentrations of nitrobenzene found in the soils here exceeded TCLP hazardous waste thresholds. The site originally included a 6-acre parcel referred to as the Radio Tower Area. A Record of Decision (ROD) for the Radio Tower Area was issued in 1999, calling for the ex-situ bioremediation of the nitrobenzene-contaminated soils. In 2001, the responsible party completed a pilot study of an in-situ chemical oxidation treatment of soils as an alternative to the ROD. An Explanation of Significant Difference to the ROD was issued in 2003, accepting the in-situ chemical oxidation remedy for the Radio Tower Area. A design investigation was initiated in late 2002 to further delineate the area of soil requiring treatment. The boundaries of the site, the area subject to deed restrictions and long term management, were later redefined to encompass sample locations where the residual subsurface soil/fill concentrations of nitrobenzene exceeded 1 mg/kg, an area measuring approximately 0.9 acres. Remedial action was initiated in 2003 and consisted of two rounds of in situ chemical oxidation treatments using potassium permanganate. Additional treatability studies were conducted and a stabilizing mixture of Portland cement and activated carbon was determined to be effective in reducing the leachability of the remaining nitrobenzene. In-situ

NIAGARA FRONTIER PORT AUTHORITY (Continued) **1000232780**

stabilization activities were completed in 2003. The addition of the cement and activated carbon created a mound of treated soils approximately 7 feet above the surrounding ground surface. The final site restoration activities, completed in 2004, consisted of the excavation of the mounded, excess treated/stabilized soils to ground surface and transport of that excavated material to the nearby Alltift Landfill site (#915054). Here the material was used to stabilize similarly contaminated sediments and soils, in conjunction with an ongoing NYSDEC-approved site remediation. Approximately 1680 cubic yards of treated, stabilized soil was taken to the Alltift landfill site. The treated soils remaining at the Radio Tower Area were covered with two feet of clean fill and topsoil over a demarcation layer of geotextile fabric. Deed restrictions were filed in 2005 limiting the site to industrial or commercial usage. A Site Management Plan was put in place requiring annual inspection and maintenance of the soil cover.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: The primary contaminant of concern at the site was nitrobenzene in the soil. The completed remedial action has treated and stabilized the soils and is not having an impact on groundwater quality. Groundwater samples were also obtained from a number of wells located throughout the Buffalo Outer Harbor property. Groundwater sample results from areas outside the RTA contained low levels of metals and some wells exhibited low levels of SVOC compounds above the Class GA groundwater standards. Due to the limited migration of groundwater contamination and the low permeability of the fill material, the chemical loading to the Lake is minimal. Post-Remediation: Sampling of the surface waters of Lake Erie concluded that there are no present impacts to water quality from the Buffalo Outer Harbor property. Remediation at the site is complete.

Health Problem: Drinking contaminated water is not expected because the area is served by a public water supply system. The contaminated soil in the vicinity of the Radio Tower has been remediated. In the event of development outside the Radio Tower Area, the State recommends that the developer and municipal authorities ensure elimination of exposure routes that would be created by increased land use.

Dump: False
Structure: False
Lagoon: False
Landfill: True
Pond: False
Disp Start: unknown
Disp Term: unknown
Lat/Long: 42:51:22.6 / 78:52:15.2
Dell: False
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 6/15/2007 2:04:00 PM
Updated By: DPLOCEY
Own Op: Owner
Sub Type: 05
Owner Name: Chris Catanzaro
Owner Company: Erie Canal Harbor Development Corporation
Owner Address: 95 Perry Street
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
HW Code: 915026

NIAGARA FRONTIER PORT AUTHORITY (Continued) **1000232780**

Waste Type: TCLP, NITROBENZENE CONTAMINATED SOIL (D036)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 915026
Waste Type: NITROBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 915026
Waste Type: NITROBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: NYD000514000
Cross Ref Type Code: 05
Cross Ref Type: EPA Site ID
Record Added Date: 11/18/1999 12:00:00 PM
Record Updated: 5/10/2001 4:31:00 PM
Updated By: REGTRANS
Crossref ID: B9-0233-88-07
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2/11/2010 3:41:00 PM
Record Updated: 2/11/2010 3:41:00 PM
Updated By: MLDOSTER
Crossref ID: 2005121507
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2/11/2010 3:39:00 PM
Record Updated: 2/11/2010 3:39:00 PM
Updated By: MLDOSTER

Site Code: 56556
Control Name: Deed Restriction
HW Code: 915026
Control Code: A
Control Type: INST
Dt record added: 06/15/2007
Dt rec updated: 01/05/2011
Updated By: LSZINOMA
Site Code: 56556
Site Description: Location: The Radio Tower Area is located near Lake Erie and the Buffalo Outer Harbor, in the southeast corner of a larger, 212-acre parcel of waterfront land owned by the Niagara Frontier Transportation Authority (NFTA). The site is located in an urban area. Site Features: The majority of the NFTA's Buffalo Outer Harbor property is reclaimed land, created primarily with sediments dredged from the harbor shipping channels over a 100-year period ending in the mid 1960s. The southern end of the NFTA property is occupied by the NFTA's port terminal facilities, consisting of two warehouses and large, paved parking areas. The Radio Tower Area is situated near the northern edge of the terminal parking area. The remainder of the NFTA property to the north of the site is vacant land. The environmental restoration project known as the Greenbelt (Site #B00149) is located along the harbor shoreline approximately 1000 feet northwest of the the Radio Tower Area. Fuhrmann Boulevard and NY State Route 5 are located several hundred feet to the east of the Radio Tower Area, along the eastern border of the NFTA property. Current Zoning and Land Use: This site is zoned for commercial use. Past Use of the

NIAGARA FRONTIER PORT AUTHORITY (Continued) **1000232780**

Site: A 1998 Remedial Investigation conducted by NYSDEC found that the most significantly contaminated portion of the NFTA Outer Harbor property was located near a radio tower at the southern end of the property. Records indicated that hazardous waste from a local chemical dye manufacturer were disposed in this portion of the property; concentrations of nitrobenzene found in the soils here exceeded TCLP hazardous waste thresholds. The site originally included a 6-acre parcel referred to as the Radio Tower Area. A Record of Decision (ROD) for the Radio Tower Area was issued in 1999, calling for the ex-situ bioremediation of the nitrobenzene-contaminated soils. In 2001, the responsible party completed a pilot study of an in-situ chemical oxidation treatment of soils as an alternative to the ROD. An Explanation of Significant Difference to the ROD was issued in 2003, accepting the in-situ chemical oxidation remedy for the Radio Tower Area. A design investigation was initiated in late 2002 to further delineate the area of soil requiring treatment. The boundaries of the site, the area subject to deed restrictions and long term management, were later redefined to encompass sample locations where the residual subsurface soil/fill concentrations of nitrobenzene exceeded 1 mg/kg, an area measuring approximately 0.9 acres. Remedial action was initiated in 2003 and consisted of two rounds of in situ chemical oxidation treatments using potassium permanganate. Additional treatability studies were conducted and a stabilizing mixture of Portland cement and activated carbon was determined to be effective in reducing the leachability of the remaining nitrobenzene. In-situ stabilization activities were completed in 2003. The addition of the cement and activated carbon created a mound of treated soils approximately 7 feet above the surrounding ground surface. The final site restoration activities, completed in 2004, consisted of the excavation of the mounded, excess treated/stabilized soils to ground surface and transport of that excavated material to the nearby Alltift Landfill site (#915054). Here the material was used to stabilize similarly contaminated sediments and soils, in conjunction with an ongoing NYSDEC-approved site remediation. Approximately 1680 cubic yards of treated, stabilized soil was taken to the Alltift landfill site. The treated soils remaining at the Radio Tower Area were covered with two feet of clean fill and topsoil over a demarcation layer of geotextile fabric. Deed restrictions were filed in 2005 limiting the site to industrial or commercial usage. A Site Management Plan was put in place requiring annual inspection and maintenance of the soil cover.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: The primary contaminant of concern at the site was nitrobenzene in the soil. The completed remedial action has treated and stabilized the soils and is not having an impact on groundwater quality. Groundwater samples were also obtained from a number of wells located throughout the Buffalo Outer Harbor property. Groundwater sample results from areas outside the RTA contained low levels of metals and some wells exhibited low levels of SVOC compounds above the Class GA groundwater standards. Due to the limited migration of groundwater contamination and the low permeability of the fill material, the chemical loading to the Lake is minimal. Post-Remediation: Sampling of the surface waters of Lake Erie concluded that there are no present impacts to water quality from the Buffalo Outer Harbor property. Remediation at the site is complete.

Health Problem: Drinking contaminated water is not expected because the area is

NIAGARA FRONTIER PORT AUTHORITY (Continued) **1000232780**

served by a public water supply system. The contaminated soil in the vicinity of the Radio Tower has been remediated. In the event of development outside the Radio Tower Area, the State recommends that the developer and municipal authorities ensure elimination of exposure routes that would be created by increased land use.

Dump: False
Structure: False
Lagoon: False
Landfill: True
Pond: False
Disp Start: unknown
Disp Term: unknown
Lat/Long: 42:51:22.6 / 78:52:15.2
Dell: False
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 6/15/2007 2:04:00 PM
Updated By: DPLOCEY
Own Op: Owner
Sub Type: 05
Owner Name: Chris Catanzaro
Owner Company: Erie Canal Harbor Development Corporation
Owner Address: 95 Perry Street
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
HW Code: 915026
Waste Type: TCLP, NITROBENZENE CONTAMINATED SOIL (D036)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 915026
Waste Type: NITROBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 915026
Waste Type: NITROBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: NYD000514000
Cross Ref Type Code: 05
Cross Ref Type: EPA Site ID
Record Added Date: 11/18/1999 12:00:00 PM
Record Updated: 5/10/2001 4:31:00 PM
Updated By: REGTRANS
Crossref ID: B9-0233-88-07
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2/11/2010 3:41:00 PM
Record Updated: 2/11/2010 3:41:00 PM
Updated By: MLDOSTER
Crossref ID: 2005121507
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2/11/2010 3:39:00 PM
Record Updated: 2/11/2010 3:39:00 PM
Updated By: MLDOSTER

Site Code: 56556

NIAGARA FRONTIER PORT AUTHORITY (Continued) **1000232780**

Control Name: Site Management Plan
HW Code: 915026
Control Code: 32
Control Type: INST
Dt record added: 06/15/2007
Dt rec updated: 01/05/2011
Updated By: LSZINOMA
Site Code: 56556
Site Description: Location: The Radio Tower Area is located near Lake Erie and the Buffalo Outer Harbor, in the southeast corner of a larger, 212-acre parcel of waterfront land owned by the Niagara Frontier Transportation Authority (NFTA). The site is located in an urban area. Site Features: The majority of the NFTA's Buffalo Outer Harbor property is reclaimed land, created primarily with sediments dredged from the harbor shipping channels over a 100-year period ending in the mid 1960s. The southern end of the NFTA property is occupied by the NFTA's port terminal facilities, consisting of two warehouses and large, paved parking areas. The Radio Tower Area is situated near the northern edge of the terminal parking area. The remainder of the NFTA property to the north of the site is vacant land. The environmental restoration project known as the Greenbelt (Site #B00149) is located along the harbor shoreline approximately 1000 feet northwest of the the Radio Tower Area. Fuhrmann Boulevard and NY State Route 5 are located several hundred feet to the east of the Radio Tower Area, along the eastern border of the NFTA property. Current Zoning and Land Use: This site is zoned for commercial use. Past Use of the Site: A 1998 Remedial Investigation conducted by NYSDEC found that the most significantly contaminated portion of the NFTA Outer Harbor property was located near a radio tower at the southern end of the property. Records indicated that hazardous waste from a local chemical dye manufacturer were disposed in this portion of the property; concentrations of nitrobenzene found in the soils here exceeded TCLP hazardous waste thresholds. The site originally included a 6-acre parcel referred to as the Radio Tower Area. A Record of Decision (ROD) for the Radio Tower Area was issued in 1999, calling for the ex-situ bioremediation of the nitrobenzene-contaminated soils. In 2001, the responsible party completed a pilot study of an in-situ chemical oxidation treatment of soils as an alternative to the ROD. An Explanation of Significant Difference to the ROD was issued in 2003, accepting the in-situ chemical oxidation remedy for the Radio Tower Area. A design investigation was initiated in late 2002 to further delineate the area of soil requiring treatment. The boundaries of the site, the area subject to deed restrictions and long term management, were later redefined to encompass sample locations where the residual subsurface soil/fill concentrations of nitrobenzene exceeded 1 mg/kg, an area measuring approximately 0.9 acres. Remedial action was initiated in 2003 and consisted of two rounds of in situ chemical oxidation treatments using potassium permanganate. Additional treatability studies were conducted and a stabilizing mixture of Portland cement and activated carbon was determined to be effective in reducing the leachability of the remaining nitrobenzene. In-situ stabilization activities were completed in 2003. The addition of the cement and activated carbon created a mound of treated soils approximately 7 feet above the surrounding ground surface. The final site restoration activities, completed in 2004, consisted of the excavation of the mounded, excess treated/stabilized soils to ground

NIAGARA FRONTIER PORT AUTHORITY (Continued) **1000232780**

surface and transport of that excavated material to the nearby Alltift Landfill site (#915054). Here the material was used to stabilize similarly contaminated sediments and soils, in conjunction with an ongoing NYSDEC-approved site remediation. Approximately 1680 cubic yards of treated, stabilized soil was taken to the Alltift landfill site. The treated soils remaining at the Radio Tower Area were covered with two feet of clean fill and topsoil over a demarcation layer of geotextile fabric. Deed restrictions were filed in 2005 limiting the site to industrial or commercial usage. A Site Management Plan was put in place requiring annual inspection and maintenance of the soil cover.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: The primary contaminant of concern at the site was nitrobenzene in the soil. The completed remedial action has treated and stabilized the soils and is not having an impact on groundwater quality. Groundwater samples were also obtained from a number of wells located throughout the Buffalo Outer Harbor property. Groundwater sample results from areas outside the RTA contained low levels of metals and some wells exhibited low levels of SVOC compounds above the Class GA groundwater standards. Due to the limited migration of groundwater contamination and the low permeability of the fill material, the chemical loading to the Lake is minimal. Post-Remediation: Sampling of the surface waters of Lake Erie concluded that there are no present impacts to water quality from the Buffalo Outer Harbor property. Remediation at the site is complete.

Health Problem: Drinking contaminated water is not expected because the area is served by a public water supply system. The contaminated soil in the vicinity of the Radio Tower has been remediated. In the event of development outside the Radio Tower Area, the State recommends that the developer and municipal authorities ensure elimination of exposure routes that would be created by increased land use.

Dump: False
Structure: False
Lagoon: False
Landfill: True
Pond: False
Disp Start: unknown
Disp Term: unknown
Lat/Long: 42:51:22.6 / 78:52:15.2
Dell: False
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 6/15/2007 2:04:00 PM
Updated By: DPLOCEY
Own Op: Owner
Sub Type: 05
Owner Name: Chris Catanzaro
Owner Company: Erie Canal Harbor Development Corporation
Owner Address: 95 Perry Street
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14203
Owner Country: United States of America
HW Code: 915026
Waste Type: TCLP, NITROBENZENE CONTAMINATED SOIL (D036)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 915026
Waste Type: NITROBENZENE

NIAGARA FRONTIER PORT AUTHORITY (Continued) **1000232780**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 915026
Waste Type: NITROBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: NYD000514000
Cross Ref Type Code: 05
Cross Ref Type: EPA Site ID
Record Added Date: 11/18/1999 12:00:00 PM
Record Updated: 5/10/2001 4:31:00 PM
Updated By: REGTRANS
Crossref ID: B9-0233-88-07
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2/11/2010 3:41:00 PM
Record Updated: 2/11/2010 3:41:00 PM
Updated By: MLDOSTER
Crossref ID: 2005121507
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2/11/2010 3:39:00 PM
Record Updated: 2/11/2010 3:39:00 PM
Updated By: MLDOSTER

SPILLS:
Facility ID: 9807221
Facility Type: ER
Spill Number: 9807221
DER Facility ID: 201152
Site ID: 244877
DEC Region: 9
Closed Date: 1998-09-14
Spill Cause: Unknown
Spill Class: D6
SWIS: 1502
Spill Date: 1998-09-13
Investigator: MXFRANKS
Referred To: Not reported
Reported to Dept: 1998-09-13
CID: 312
Water Affected: LAKE ERIE
Spill Source: Unknown
Spill Notifier: Affected Persons
Cleanup Ceased: 1998-09-14
Cleanup Meets Std: True
Last Inspection: 1998-09-13
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1998-09-13
Spill Record Last Update: 2002-03-19
Spiller Name: Not reported
Spiller Company: UNK
Spiller Address: Not reported
Spiller Company: 999
Contact Name: TIM SHEEHAN

NIAGARA FRONTIER PORT AUTHORITY (Continued) **1000232780**

DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MF 09/13/98: MF S/V/TIM SHEEHAN, NFTA. SHEEN IN HARBOR, SOURCE BETWEEN 2ND & 3RD DOCKS, COULD NOT TELL WHAT BOAT SHEEN WAS COMING FROM. SLIGHT NW WIND BLOWING SHEEN TO SHORE. NO ODOR NOTICED, VERY HOT DAY. COAST GUARD HAS BEEN NOTIFIED BY NFTA. TIM WILL WATCH AREA. NO FURTHER ACTION POSSIBLE."
Remarks:	"QTY OF GASOLINE IN BETWEEN THE BOAT SLIPS - UNK WHERE IT IS COMING FROM"

All Materials:

Site ID:	244877
Operable Unit ID:	1064798
Operable Unit:	01
Material ID:	318330
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Facility ID:	0909082
Facility Type:	ER
Spill Number:	0909082
DER Facility ID:	370705
Site ID:	421752
DEC Region:	9
Closed Date:	2010-02-08
Spill Cause:	Deliberate
Spill Class:	D4
SWIS:	1502
Spill Date:	2009-11-13
Investigator:	JFOTTO
Referred To:	Not reported
Reported to Dept:	2009-11-13
CID:	Not reported
Water Affected:	NIAGARA RIVER
Spill Source:	Commercial/Industrial
Spill Notifier:	Federal Government
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	2009-12-30
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2009-11-13
Spill Record Last Update:	2010-02-08
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	Not reported
Contact Name:	SCOTT WAKEFIELD
DEC Memo:	"11/13/09 JFO ON SITE MET WITH TENANTS NEXT TO THE PAINT. THERE IS LATEX PAINT CANS UNDER A BOAT USED AS A PROP FOR A MOVIE SET. SPOKE WITH CHRIS WHO WORKS FOR THE NFTA. HE SAID A COMPANY RENTED THE AREA

NIAGARA FRONTIER PORT AUTHORITY (Continued) **1000232780**

FROM NFTA AND LEFT THE MATERIALS. CHRIS CONTACTED RUTH KEATING W/NFTA, SHE ASKED ME TO CONTACT THE OWNERS. I SPOKE WITH JERRY HARTKE WITH WONDER WORKS. HE WILL HAVE THE PAINT CANS REMOVED AND THE BOAT DISMANTLED. 12/04/09 JFO ON SITE NOA. THE PAINT CANS ARE GONE SOME CANS WITH WATER ARE IN A TOTE. THE BOAT MASTS HAVE BEEN TAKEN DOWN. THE BOAT IS STILL ON SITE. 12/30/09 JFO ON SITE NOA. THE BOAT HAS BEEN REMOVED. NO FURTHER ACTION REQUIRED. CLOSED "

Remarks: "CALLER STATES THAT THERE ARE NUMEROUS PAINT & SOLVANT CANS,WHICH HAVE PRODUCT IT THEM & COULD CAUSE A SPILL...UNKNOWN IF THERE IS A SPILL,AS OF NOW."

All Materials:

Site ID:	421752
Operable Unit ID:	1177632
Operable Unit:	01
Material ID:	2170443
Material Code:	0055A
Material Name:	paint
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

Facility ID:	9903733
Facility Type:	ER
Spill Number:	9903733
DER Facility ID:	201152
Site ID:	244878
DEC Region:	9
Closed Date:	1999-08-31
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	1502
Spill Date:	1999-06-30
Investigator:	JFOTTO
Referred To:	Not reported
Reported to Dept:	1999-06-30
CID:	389
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	1999-06-30
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-06-30
Spill Record Last Update:	1999-09-02
Spiller Name:	MARK MCCLEMENTS
Spiller Company:	KB TRANSPORT
Spiller Address:	180 SOUTH AVENUE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was

NIAGARA FRONTIER PORT AUTHORITY (Continued) **1000232780**

JFO 06/30/99: JFO SITE INSPECTION, MET DRIVER RAY MURPHY OF KB TRANSPORT, JOHN NAPLES OF EURO UNITED (WAREHOUSE MANAGER) AND TOM FITZPATRICK OF BUFFALO FIRE DEPT. KB TRANSPORT HIRED EP&S TO CLEANUP. LINDA GRIMMER ON SITE 11:25. THE REST OF THE CREW ARE ON ROUTE. APPROX 100 GALLONS SPILLED (DIESEL). LINDA GRIMER SAID SHE HAD SPILLS AT THIS SITE BEFORE AND DOESN'T THINK THE DRAINS LEAD TO LAKE. RAY MURPHY HAD A SPILL KIT ON HIS TRUCK. HE PLACED PADS AND ABSORBENT PIGS ON SPILL ALLOWING <1 GALLON IN DRAIN. DRAIN IS NOT FLOWING. PRODUCT IN THE RECEIVER WILL BE PADDED UP. SPEEDY DRY SPREAD ON SPILL AREA. CLEANUP IS UNDERWAY. I WILL CHECK THE SITE IN THE MORNING. TOM FITZPATRICK INFORMED ME OF HIS CONCERN ABOUT THE TIME BFD WAS NOTIFIED OF THIS SPILL. SPILL OCCURRED AT 22:00. DUTY OFFICER NOTIFIED AT 22:40. I WAS CALLED BY THE DUTY OFFICER AT 22:45. BFD WAS NOTIFIED AT 23:35. 07/01/99: JFO SITE INSPECTION, SPILL CLEANED UP. DISPOSAL RECEIPTS TO FOLLOW. 08/27/99: JFO RECEIVED DISPOSAL RECEIPTS. NO FURTHER ACTION REQUIRED. CLOSED"

Remarks: "CALLER STATES ONE OF HIS DRIVERS HAD A TANK ON ONE OF THEIR VEHICLES RIP OPEN CAUSING A LEAK OF GASOLINE IN THE PROCESS OF CONTACTING A SPILL CONTRACTOR WISHES NO CALL BACK AT THIS TIME"

All Materials:

Site ID:	244878
Operable Unit ID:	1082665
Operable Unit:	01
Material ID:	303639
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	125.00
Units:	G
Recovered:	125.00
Oxygenate:	Not reported

Facility ID:	9903734
Facility Type:	ER
Spill Number:	9903734
DER Facility ID:	201152
Site ID:	244879
DEC Region:	9
Closed Date:	1999-06-30
Spill Cause:	Traffic Accident
Spill Class:	C3
SWIS:	1502
Spill Date:	1999-06-30
Investigator:	JFOTTO
Referred To:	Not reported
Reported to Dept:	1999-06-30
CID:	201
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	1999-06-30
Recommended Penalty:	False
UST Trust:	False

NIAGARA FRONTIER PORT AUTHORITY (Continued) **1000232780**

Remediation Phase:	0
Date Entered In Computer:	1999-06-30
Spill Record Last Update:	1999-07-13
Spiller Name:	MARK MCCLEMENTS
Spiller Company:	KB TRANSPORT
Spiller Address:	180 SOUTH AVENUE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was JFO 06/30/99: JFO NOTE, THIS IS A DUPLICATE OF SPILL 9903733, CLOSEOUT THIS SPILL. FOLLOWUP UNDER SPILL #9903733"
Remarks:	"TRACTOR TRAILOR SADDLE TANK FAILED CAUSING SPILL/SPILL HAS BEEN CONTAINED/FD ON SCENE"

All Materials:

Site ID:	244879
Operable Unit ID:	1078267
Operable Unit:	01
Material ID:	303640
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	125.00
Units:	G
Recovered:	125.00
Oxygenate:	Not reported

RCRA NonGen / NLR:

Date form received by agency:	01/12/2017
Facility name:	BUFFALO OUTER HARBOR
Facility address:	901 FUHRMANN BLVD. BUFFALO, NY 07962
EPA ID:	NYD000514000
Mailing address:	HONEYWELL INTERNATIONAL 101 COLUMBIA ROAD MORRISTOWN, NJ 07962
Contact:	KAOURIS MARIA
Contact address:	HONEYWELL INTERNATIONAL MORRISTOWN, NJ 07962
Contact country:	US
Contact telephone:	973-455-3302
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	NIAGARA FRONTIER TRANS. AUTH.
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	212-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported

NIAGARA FRONTIER PORT AUTHORITY (Continued) **1000232780**

Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NIAGARA FRONTIER TRANS. AUTH.
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2007
Site name: BUFFALO OUTER HARBOR
Classification: Small Quantity Generator

Date form received by agency: 01/01/2006
Site name: BUFFALO OUTER HARBOR
Classification: Small Quantity Generator

Date form received by agency: 04/10/2002
Site name: BUFFALO OUTER HARBOR
Classification: Large Quantity Generator

Date form received by agency: 07/14/1999
Site name: NIAGARA FRONTIER TRANS. AUTH. (PA)
Classification: Small Quantity Generator

Date form received by agency: 11/25/1987
Site name: NIAGARA FRONTIER TRANS. AUTH. (PA)
Classification: Large Quantity Generator

NIAGARA FRONTIER PORT AUTHORITY (Continued) **1000232780**

. Waste code: U145
. Waste name: LEAD PHOSPHATE

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 12/11/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

NY MANIFEST:
Country: USA
EPA ID: NYD000514000
Facility Status: Not reported
Location Address 1: 901 FUHRMANN BLVD
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BUFFALO
Location State: NY
Location Zip: 14203
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD000514000
Mailing Name: NIAGARA FRONTIER TRANSPORTATION ATHORITY
Mailing Contact: NIAGARA FRONTIER TRANSPORTATION ATHORITY
Mailing Address 1: 901 FUHRMANN BLVD
Mailing Address 2: Not reported
Mailing City: BUFFALO
Mailing State: NY
Mailing Zip: 14203
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7168521921

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2016
Trans1 State ID: NYD986903904
Trans2 State ID: Not reported
Generator Ship Date: 05/16/2016
Trans1 Recv Date: 05/16/2016
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/27/2016
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD000514000
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: OHD083377010
TSDF ID 2: Not reported
Manifest Tracking Number: 007173078FLE

NIAGARA FRONTIER PORT AUTHORITY (Continued) **1000232780**

Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H061
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	130
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

O75 **FMC CORP** **SEMS-ARCHIVE** **1003863523**
SSW **901 FUHRMANN BLVD** **NYD000512061**
1/4-1/2 **BUFFALO, NY 14203**
0.432 mi.
2281 ft. **Site 4 of 4 in cluster O**

Relative:
Lower

Actual:
570 ft.

SEMS Archive:

Site ID:	201212
EPA ID:	NYD000512061
Cong District:	37
FIPS Code:	36029
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	2
Site ID:	201212
EPA ID:	NYD000512061
Site Name:	FMC CORP
NPL:	N
FF:	N
OU:	0
Action Code:	VS

FMC CORP (Continued) **1003863523**

Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1986-07-29 00:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse
Region:	2
Site ID:	201212
EPA ID:	NYD000512061
Site Name:	FMC CORP
NPL:	N
FF:	N
OU:	0
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1986-07-29 00:00:00
Qual:	N
Current Action Lead:	EPA Perf
Region:	2
Site ID:	201212
EPA ID:	NYD000512061
Site Name:	FMC CORP
NPL:	N
FF:	N
OU:	0
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1981-06-09 00:00:00
Finish Date:	1981-06-09 00:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

---

76 **PS #4** **NY LTANKS** **S108131490**
NNE **425 SOUTH PARK** **N/A**
1/4-1/2 **BUFFALO, NY 14203**
0.481 mi.
2539 ft.

Relative: LTANKS:
Lower

Actual: Facility ID:	0650887
581 ft. Site ID:	369542
Closed Date:	2007-02-21
Spill Number:	0650887
Spill Date:	2006-08-28
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	1502
Investigator:	JFOTTO
Referred To:	Not reported
Reported to Dept:	2006-08-28

PS #4 (Continued) **S108131490**

CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	2006-08-28
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-08-30
Spill Record Last Update:	2007-02-21
Spiller Name:	Not reported
Spiller Company:	CITY OF BUFFALO
Spiller Address:	CITY HALL
Spiller County:	001
Spiller Contact:	BILL MOSS
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	9
DER Facility ID:	319423
DEC Memo:	"08/28/06 JFO ON SITE MET WITH BRIAN WITH ENV SRV GROUP. THE SOUTH SIDEWALL SAMPLE RESULT (8270)CAME BACK SLIGHTLY ABOVE TAGMS. THEY WANT A CLEAN CLOSURE SO THEY WILL REMOVE SOIL AND RESAMPLE FOR THE SVOC'S. THE SOIL WENT TO THE TONAWANDA LANDFILL (ENSOL). 08/30/06 JFO CALL TO ADAM H. HE WILL FORWARD THE RESULTS AND THE RECEIPTS. 10/26/06 JFO CALL TO ADAM. LEFT A MESSAGE ON HIS VMAIL. NEED RECEIPTS AND RESULTS OF RESAMPLING. 12/07/06 JFO CALL TO ADAM H. HE SAID THE SOIL WAS CLEAN AND IT WENT OUT AS CLEAN. HE USED THE PID TO DETERMINE THE SOIL WAS CLEAN. I CALLED ENSOL AND SPOKE WITH NICK MORREALE, HE WILL FIND OUT WHERE THE SOIL WENT AND GET BACK TO ME. I ALSO CALLED BILL MOSS WITH THE BOARD OF ED. HE WAS NOT IN, I LEFT A MESSAGE ON HIS V-MAIL. 02/21/07 JFO RECEIVED THE CLOSURE REPORT AND AN EXPLANATION FROM ADAM HARRIS. INCLUDED ARE THE DISPOSAL RECEIPTS FOR THE TANK BOTTOMS, THE PID READINGS FROM THE SOILS THAT WERE REMOVED AND THE SECOND SOUTH WALL SAMPLE RESULT FOR 8270. ALL COMPOUNDS ARE BELOW DETECTION. THE SOILS THAT WERE REMOVED WERE FREE OF CONTAMINATION AND WERE USED AS INTERIM COVER AT TONAWANDA LANDFILL. NO FURTHER ACTION REQUIRED. CLOSED"
Remarks:	"SAMPLE RESULTS FROM A TANK PULL INDICATE CONTAMINATION."

All Materials:

Site ID:	369542
Operable Unit ID:	1127375
Operable Unit:	01
Material ID:	2116970
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	False

77
SSE
1/4-1/2
0.498 mi.
2631 ft.

Relative:
Higher

Actual:
590 ft.

ADVANCE METALS RECYCLING
776 OHIO ST
BUFFALO, NY 14203

NY SWF/LF **1000872146**
NY Spills **NYD041715004**
RCRA NonGen / NLR
ICIS
US AIRS
FINDS
ECHO
NY MANIFEST
NY SPDES

SWF/LF:

Flag:	INACTIVE
Region Code:	9
Phone Number:	Not reported
Owner Name:	Serdau Ameristeel US Inc
Owner Type:	Not reported
Owner Address:	4221 W Boy Scout Blvd
Owner Addr2:	Suite 600
Owner City,St,Zip:	Tampa, FL 33607
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Paul Graham
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	paulgraham@gerdau.com
Contact Phone:	9056688877
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	[15J52]
Active:	No
East Coordinate:	184300
North Coordinate:	4752111
Accuracy Code:	4.2 - Utilization of GIS and existing spatial data
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

SPILLS:

Facility ID:	9709500
Facility Type:	ER
Spill Number:	9709500
DER Facility ID:	147409
Site ID:	175342
DEC Region:	9
Closed Date:	1998-02-23
Spill Cause:	Human Error
Spill Class:	B3
SWIS:	1502
Spill Date:	1997-11-14
Investigator:	RMCROSSE
Referred To:	Not reported
Reported to Dept:	1997-11-14
CID:	199
Water Affected:	Not reported

ADVANCE METALS RECYCLING (Continued) **1000872146**

Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	1997-11-15
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-11-14
Spill Record Last Update:	1998-03-04
Spiller Name:	JACK STOLARCZYK
Spiller Company:	CONRAIL
Spiller Address:	1 BELL CROSSING ROAD
Spiller Company:	001
Contact Name:	STEVE WASKUVICH
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was RMC 11/15/97 RMC/OHM/SITE SNOW PLOW HIT 275 GALLON FUEL OIL TANK FOR BUILDING, ESTIMATE 100 GALLONS LOST, OIL SPREAD OUT IN 20 FOOT RADUS AND DOWN INTO THE GRAVEL FILL, WORK BEGUN TO CONTAIN 11/17/97 RMC/FILE LEFT MESSAGE FOR OHM TO CALL 11/17/97 RMC/PROHASKA/PHONE RMC ADVISED THAT AFTER INSPECTING SITE CONTAMINATED SOIL NEEDS TO BE REMOVED TO VISUAL CLEAN, 12/1/97 RMC/FILE RNL AND RMC MET OHM ON SITE, REMOVED TWO ROLL OFFS LAST WEEK PLUS 10 DRUMS CONTAMINATED MATERIAL, EXCAVATION COMPLETE, NEED DISPOSAL TO CLOSE, DUE 12/30/97 02/23/98 RMC/PROHASKA/PHONE RMC REQUESTED RECEIPTS, DUE 3/1 02/23/98 RMC/FILE RECEIVED DISPOSAL RECEIPTS, OK, CLOSEOUT "
Remarks:	"WHILE SNOWPLOWING PROPERTY A PLOW HIT A VALVE ON TANKER CAUSING LEAK FROM TANK - MATERAL IS ALL CONTAINED AND LEAK HAS BEEN STOPPED O.H.MATERALS HAS BEEN CONTACTED FOR CLEAN-UP"

All Materials:

Site ID:	175342
Operable Unit ID:	1052573
Operable Unit:	01
Material ID:	327847
Material Code:	0012A
Material Name:	kerosene
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100.00
Units:	G
Recovered:	90.00
Oxygenate:	Not reported

Facility ID:	1107727
Facility Type:	ER
Spill Number:	1107727
DER Facility ID:	410002
Site ID:	455436
DEC Region:	9
Closed Date:	2011-12-08
Spill Cause:	Other
Spill Class:	A3
SWIS:	1502
Spill Date:	2011-09-19
Investigator:	RJJONAK
Referred To:	Not reported

ADVANCE METALS RECYCLING (Continued) **1000872146**

Reported to Dept:	2011-09-19
CID:	Not reported
Water Affected:	BUFFALO RIVER
Spill Source:	Commercial/Industrial
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2011-09-19
Spill Record Last Update:	2011-12-08
Spiller Name:	RON TIMM
Spiller Company:	GERDAU AMERISTEEL RECYCLING YARD
Spiller Address:	776 OHIO ST
Spiller Company:	001
Contact Name:	DERRICK JOHNSON
DEC Memo:	"9/19/2011: RJJ AT SITE AT 0800...A LARGE FIRE STARTED ABOUT 0400 THIS MORNING,AT THE GERDOU AMERISTEEL RECYCLING FACILITY(FROM AN UNKNOWN CAUSE) WHICH CAUSED A LARGE BLACK PLUME OF SMOKE THROUGHOUT THE NEARBY AREA...THIS FIRE WAS CONTAINED IN THE AREA WHERE THEY STACK THEIR CRUSHED VEHICLES,NEAR THE BACK OF THEIR FACILITY...NO ONE WAS INJURED AND NO BUILDINGS WERE AFFECTED,EXCEPT FOR THE LARGE AMOUNT OF BLACK SOOT WHICH SPREAD THROUGHOUT THE COMMUNITY...THE BUFFALO FIRE DEPT. RESPONDED AND CONTAINED THE FIRE IN THIS SMALL AREA...WITH THE LARGE AMOUNT OF WATER USED,IT CAUSED A LARGE RUNOFF OF WATER INTO THE BUFFALO RIVER,BEHIND THEIR FACILITY(~200 YARDS FROM THE FIRE)...THIS RUNOFF THEN DISCHARGES INTO THEIR STORM WATER OUTFALL AND IT APPEARS TO HAVE NO PETROLEUM SHEEN OF ANY KIND SO NO ENVIRONMENTAL CLEAN-UP IS NEEDED IN THE BUFFALO RIVER AT THIS TIME,HOWEVER,THERE IS A SLIGHT PETROLEUM SHEEN,IN A FEW AREAS,ON THEIR PROPERTY,SO I INFORMED RON TIMM(PLANT SUPERVISOR) THAT THEY WILL NEED TO PLACE ABSORBANT PADS/BOOMS TO CONTAIN/CAPTURE THIS SHEEN...HE SAID THAT THEY WILL AND KEEP ME INFORMED IF ANYTHING CHANGES...I WILL REINSPECT,IF NEEDED...DERRICK JOHNSON(LOCATION MANAGER) TELECON RJJ AT 1400,HE SAID THAT THEY ARE STILL SPRAYING WATER ON THE HOT SPOTS,HOWEVER,THEY ONLY OBSERVED A SLIGHT PETROLEUM SHEEN IN A FEW AREAS ON THE PROPERTY,WHERE I ALSO OBSERVED IT...THEY WILL USE ABSORBANTS TO CLEAN UP THE SHEEN AND DISPOSE ALL THE MATERIAL,THEN DERRICK WILL SEND ME THE DISPOSAL RECEIPTS. 9/20/2011: DERRICK JOHNSON TELECON RJJ,HE SAID THAT THEY INSPECTED THE BUFFALO RIVER AND ALL THEIR PROPERTY AND FOUND NO PETROLEUM SHEEN OF ANY KIND. 12/7/2011: RECEIVED THE SPILL INCIDENT REPORT FROM GERDAU WHICH EXPLAINS THEIR ACTIONS...SINCE THERE WAS ONLY A VERY SLIGHT SHEEN ON THE PROPERTY,THE ABSORBANT BOOMS DID NOT PICK-UP ANY PRODUCT,SO THEY WILL BE RE-USED,SO THERE IS NO DISPOSAL OF ANY MATERIAL...AFTER REVIEWING THIS SPILL FILE,SAC SAID THAT WE CAN CLOSE-OUT THIS SPILL...NO FURTHER ACTION NEEDED...SPILL CLOSED OUT."
Remarks:	"FD at large rubbish fire in recycling yard and material is running into the Buffalo River. Coast Guard is expressing concern and FD is requesting a response."

All Materials:

Site ID:	455436
Operable Unit ID:	1205586
Operable Unit:	01
Material ID:	2202448

ADVANCE METALS RECYCLING (Continued) **1000872146**

Material Code: 0064A
Material Name: unknown material
Case No.: Not reported
Material FA: Other
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

RCRA NonGen / NLR:
Date form received by agency: 05/31/2016
Facility name: GERDAU BUFFALO
Facility address: 776 OHIO ST
BUFFALO, NY 14203
EPA ID: NYD041715004
Mailing address: OHIO ST
BUFFALO, NY 14203
Contact: MARY JANE MICHALSKI
Contact address: OHIO ST
BUFFALO, NY 14203
Contact country: US
Contact telephone: 716-847-6200
Telephone ext.: 405
Contact email: MARY.MICHALSKI@GERDAU.COM
EPA Region: 02
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: GERDAU BUFFAL METALLICS RAW MATERIALS
Owner/operator address: W BOY SCOUT BLVD SUITE 600
TAMPA, FL 33607
Owner/operator country: US
Owner/operator telephone: 813-286-8383
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1996
Owner/Op end date: Not reported

Owner/operator name: MARY JANE MICHALSKI
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/16/2015
Owner/Op end date: Not reported

ADVANCE METALS RECYCLING (Continued) **1000872146**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

Historical Generators:
Date form received by agency: 10/16/2015
Site name: GERDAU BUFFALO
Classification: Large Quantity Generator

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

Date form received by agency: 01/01/2007
Site name: ADVANCE METALS RECYCLING
Classification: Small Quantity Generator

Date form received by agency: 01/01/2006
Site name: ADVANCE METALS RECYCLING
Classification: Small Quantity Generator

Date form received by agency: 07/08/1999
Site name: ADVANCE METALS RECYCLING
Classification: Not a generator, verified

Date form received by agency: 03/14/1994
Site name: ADVANCE METALS RECYCLING
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE

ADVANCE METALS RECYCLING (Continued) **1000872146**

MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 11/14/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/31/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

ICIS:
Enforcement Action ID: 02-1991-A006
FRS ID: 110001569785
Action Name: ADVANCE METALS RECYCLING 360290040600009
Facility Name: ADVANCE METALS RECYCLING
Facility Address: 776 OHIO ST
BUFFALO, NY 14240
Enforcement Action Type: CAA 113A Admin Compliance Order (Non-Penalty)
Facility County: ERIE
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 113A
Facility SIC Code: 5093
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 42.856
Longitude in Decimal Degrees: -78.864
Permit Type Desc: Not reported
Program System Acronym: NY0000009140200010
Facility NAICS Code: 999999
Tribal Land Code: Not reported

Enforcement Action ID: 02-1989-0005
FRS ID: 110001569785
Action Name: ADVANCE METALS RECYCLING INC
Facility Name: ADVANCE METALS RECYC
Facility Address: 776 OHIO ST
BUFFALO, NY 14240
Enforcement Action Type: CAA 113 Notice Of Violation
Facility County: ERIE
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 113
Facility SIC Code: 5051
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 42.856111
Longitude in Decimal Degrees: -78.865373

ADVANCE METALS RECYCLING (Continued) **1000872146**

Permit Type Desc:	Not reported
Program System Acronym:	27901
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported
Enforcement Action ID:	02-1986-0048
FRS ID:	110001569785
Action Name:	ADVANCED METALS RECYCLING*
Facility Name:	ADVANCE METALS RECYC
Facility Address:	776 OHIO ST
	BUFFALO, NY 14240
Enforcement Action Type:	CAA 113 Notice Of Violation
Facility County:	ERIE
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	113
Facility SIC Code:	5051
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	42.856111
Longitude in Decimal Degrees:	-78.865373
Permit Type Desc:	Not reported
Program System Acronym:	27901
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported
Enforcement Action ID:	02-000F000360290040600012
FRS ID:	110001569785
Action Name:	ADVANCE METALS RECYCLING 360290040600012
Facility Name:	ADVANCE METALS RECYCLING
Facility Address:	776 OHIO ST
	BUFFALO, NY 14240
Enforcement Action Type:	Notice of Violation
Facility County:	ERIE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	5093
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	42.856
Longitude in Decimal Degrees:	-78.864
Permit Type Desc:	Not reported
Program System Acronym:	NY0000009140200010
Facility NAICS Code:	999999
Tribal Land Code:	Not reported
Enforcement Action ID:	02-000F000360290040600005
FRS ID:	110001569785
Action Name:	ADVANCE METALS RECYCLING 360290040600005
Facility Name:	ADVANCE METALS RECYCLING
Facility Address:	776 OHIO ST
	BUFFALO, NY 14240
Enforcement Action Type:	Notice of Violation
Facility County:	ERIE
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	5093

ADVANCE METALS RECYCLING (Continued) **1000872146**

Federal Facility ID: Not reported
Latitude in Decimal Degrees: 42.856
Longitude in Decimal Degrees: -78.864
Permit Type Desc: Not reported
Program System Acronym: NY0000009140200010
Facility NAICS Code: 999999
Tribal Land Code: Not reported

Facility Name: GERDAU BUFFALO METALLICS RAW MATERIALS
Address: 776 OHIO ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 5051

Facility Name: GERDAU BUFFALO METALLICS RAW MATERIALS
Address: 776 OHIO ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 5051

Facility Name: GERDAU BUFFALO METALLICS RAW MATERIALS
Address: 776 OHIO ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 5051

Facility Name: GERDAU BUFFALO METALLICS RAW MATERIALS
Address: 776 OHIO ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 5051

Facility Name: GERDAU BUFFALO METALLICS RAW MATERIALS
Address: 776 OHIO ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 5051

Facility Name: GERDAU BUFFALO METALLICS RAW MATERIALS
Address: 776 OHIO ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 5051

US AIRS MINOR:
Envid: 1000872146
Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
D and B Number: Not reported

ADVANCE METALS RECYCLING (Continued) **1000872146**

Primary SIC Code: 5093
NAICS Code: 999999
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-06-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-08-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-01-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-07-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200010

ADVANCE METALS RECYCLING (Continued) **1000872146**

Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-07-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-11-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-12-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1992-03-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1993-09-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

ADVANCE METALS RECYCLING (Continued) **1000872146**

Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1995-03-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-02-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-01-07 00:00:00
Activity Status Date: 1991-01-07 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-12-15 00:00:00
Activity Status Date: 1988-12-15 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-04-24 00:00:00
Activity Status Date: 1994-04-24 00:00:00
Activity Group: Enforcement Action

ADVANCE METALS RECYCLING (Continued) **1000872146**

Activity Type: Administrative - Informal
Activity Status: Achieved

US AIRS MINOR:
Envid: 1000872146
Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
D and B Number: Not reported
Primary SIC Code: 5093
NAICS Code: 999999
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-06-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-08-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-01-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785

ADVANCE METALS RECYCLING (Continued) **1000872146**

Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-07-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-07-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-11-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-12-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1992-03-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

ADVANCE METALS RECYCLING (Continued) **1000872146**

Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1993-09-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1995-03-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-02-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-01-07 00:00:00
Activity Status Date: 1991-01-07 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-12-15 00:00:00
Activity Status Date: 1988-12-15 00:00:00
Activity Group: Enforcement Action

ADVANCE METALS RECYCLING (Continued) **1000872146**

Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000009140200010
Facility Registry ID: 110001569785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-04-24 00:00:00
Activity Status Date: 1994-04-24 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

FINDS:

Registry ID: 110001569785

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

AIR MINOR

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when

ADVANCE METALS RECYCLING (Continued) **1000872146**

complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000872146
Registry ID:	110001569785
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001569785

NY MANIFEST:

Country:	USA
EPA ID:	NYD041715004
Facility Status:	Not reported
Location Address 1:	776 OHIO ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BUFFALO
Location State:	NY
Location Zip:	14240
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD041715004
Mailing Name:	GERDEAU AMERISTEEL
Mailing Contact:	RICHARD ROTHFUSS
Mailing Address 1:	776 OHIO ST
Mailing Address 2:	Not reported
Mailing City:	BUFFALO
Mailing State:	NY
Mailing Zip:	14203
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7168476200

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	TXR000081205
Trans2 State ID:	OKR000031492
Generator Ship Date:	01/09/2018

ADVANCE METALS RECYCLING (Continued) **1000872146**

Trans1 Recv Date:	01/09/2018
Trans2 Recv Date:	02/01/2018
TSD Site Recv Date:	02/11/2018
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD041715004
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	ARD069748192
TSDF ID 2:	Not reported
Manifest Tracking Number:	006317598SKS
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H040
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	400
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D007
Waste Code 1_2:	D008
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access additional NY MANIFEST: detail in the EDR Site Report.

SPDES:

Permit Number:	NYR00B703
State-Region:	09
Expiration Date:	09/30/2017
Current Major Minor Status:	Minor
Primary Facility SIC Code:	5093
State Water Body Name:	BUFFALO RIVER
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	Not reported
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported

ADVANCE METALS RECYCLING (Continued) **1000872146**

Lat/Long:	+42.856 / -78.864
DMR Cognizant Official:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY029
Non-Gov Permit Affiliation Type Desc:	Billing
Non-Gov Permit Org Formal Name:	GERDAU AMERISTEEL US INC
Non-Gov Permit Street Address:	1801 HOPKINS ST S
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	WHITBY
Non-Gov Permit State Code:	ON
Non-Gov Permit Zip Code:	L1N 5T1
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	GERDAU AMERISTEEL US INC
Non-Gov Facility Street Address:	GERDAU BUFFALO METALLICS RAW MATERIALS
Non-Gov Facility Supplemental Location:	4221 W BOY SCOUT BLVD STE 600
Non-Gov Facility City:	TAMPA
Non-Gov Facility State Code:	FL
Non-Gov Facility Zip Code:	33607
State Water Body:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY029
Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	GERDAU AMERISTEEL US INC
Non-Gov Permit Street Address:	GERDAU BUFFALO METALLICS RAW MATERIALS
Non-Gov Permit Supplemental Location:	1801 HOPKINS ST S
Non-Gov Permit City:	WHITBY
Non-Gov Permit State Code:	ON
Non-Gov Permit Zip Code:	L1N 5T1
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	GERDAU AMERISTEEL US INC
Non-Gov Facility Street Address:	GERDAU BUFFALO METALLICS RAW MATERIALS
Non-Gov Facility Supplemental Location:	4221 W BOY SCOUT BLVD STE 600
Non-Gov Facility City:	TAMPA
Non-Gov Facility State Code:	FL
Non-Gov Facility Zip Code:	33607
State Water Body:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY029
Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	GERDAU AMERISTEEL US INC
Non-Gov Permit Street Address:	4221 W BOY SCOUT BLVD STE 600
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	TAMPA
Non-Gov Permit State Code:	FL
Non-Gov Permit Zip Code:	33607
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	GERDAU AMERISTEEL US INC
Non-Gov Facility Street Address:	GERDAU BUFFALO METALLICS RAW MATERIALS
Non-Gov Facility Supplemental Location:	4221 W BOY SCOUT BLVD STE 600

ADVANCE METALS RECYCLING (Continued) **1000872146**

Non-Gov Facility City:	TAMPA
Non-Gov Facility State Code:	FL
Non-Gov Facility Zip Code:	33607
State Water Body:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY029
Non-Gov Permit Affiliation Type Desc:	Not reported
Non-Gov Permit Org Formal Name:	Not reported
Non-Gov Permit Street Address:	Not reported
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	Not reported
Non-Gov Permit State Code:	Not reported
Non-Gov Permit Zip Code:	Not reported
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	GERDAU AMERISTEEL US INC
Non-Gov Facility Street Address:	GERDAU BUFFALO METALLICS RAW MATERIALS
Non-Gov Facility Supplemental Location:	4221 W BOY SCOUT BLVD STE 600
Non-Gov Facility City:	TAMPA
Non-Gov Facility State Code:	FL
Non-Gov Facility Zip Code:	33607
State Water Body:	Not reported

78
ESE
1/2-1
0.524 mi.
2767 ft.

SAFETY-KLEEN SYSTEMS INC BUFFALO OIL RECOVERY FACI **CORRACTS** **1000406321**
60 KATHERINE ST **RCRA-SQG** **14210SFTYK60KAT**
BUFFALO, NY 14210 **TRIS**

Relative:
Lower

Actual:
583 ft.

CORRACTS:

EPA ID:	NYD980593842
EPA Region:	2
Area Name:	SITEWIDE
Actual Date:	19950918
Action:	CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s):	324191 Petroleum Lubricating Oil and Grease Manufacturing
Original schedule date:	Not reported
Schedule end date:	Not reported

RCRA-SQG:

Date form received by agency:	01/01/2007
Facility name:	SAFETY-KLEEN SYSTEMS INC BUFFALO
Facility address:	60 KATHERINE ST BUFFALO, NY 14210
EPA ID:	NYD980593842
Mailing address:	KATHERINE ST BUFFALO, NY 14210
Contact:	DANIEL HOLDNACK
Contact address:	KATHERINE ST BUFFALO, NY 14210
Contact country:	US
Contact telephone:	212-555-1212
Contact email:	Not reported
EPA Region:	02

SAFETY-KLEEN SYSTEMS INC BUFFALO OIL RECOVERY FACILITY (Continued) **1000406321**

Land type: Private
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: SAFETY KLEEN SYSTEMS INC
Owner/operator address: 301 GERVAIS ST SUITE 300
COLUMBIA, SC 29201
Owner/operator country: US
Owner/operator telephone: 803-933-4200
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: BOOTH OIL CO INC
Owner/operator address: PO BOX 18
BUFFALO, NY 14205
Owner/operator country: US
Owner/operator telephone: 716-855-2212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: Yes
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: Yes
Used oil transfer facility: No
Used oil transporter: Yes

Historical Generators:
Date form received by agency: 01/01/2006
Site name: SAFETY-KLEEN SYSTEMS INC BUFFALO
Classification: Small Quantity Generator

SAFETY-KLEEN SYSTEMS INC BUFFALO OIL RECOVERY FACILITY (Continued) **1000406321**

Date form received by agency: 01/01/2001
Site name: SAFEY KLEEN SYSTEMS INC
Classification: Large Quantity Generator

Date form received by agency: 01/11/1999
Site name: SAFETY-KLEEN SYSTEMS INC BUFFALO
Classification: Small Quantity Generator

. Waste code: NONE
. Waste name: None

Date form received by agency: 03/30/1995
Site name: SAFETY-KLEEN SYSTEMS INC BUFFALO
Classification: Unverified

. Waste code: NONE
. Waste name: None

Date form received by agency: 09/25/1990
Site name: SAFETY-KLEEN SYSTEMS INC BUFFALO
Classification: Not a generator, verified

Corrective Action Summary:
Event date: 09/18/1995
Event: CA PRIORITIZATION-LOW CA PRIORITY

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 11/29/1990
Date achieved compliance: 08/23/1993
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 07/27/1987
Date achieved compliance: 12/13/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/30/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

SAFETY-KLEEN SYSTEMS INC BUFFALO OIL RECOVERY FACILITY (Continued) **1000406321**

Area of violation: TSD - General
Date violation determined: 02/11/1987
Date achieved compliance: 04/29/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/25/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 02/11/1987
Date achieved compliance: 12/13/1988
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 07/24/1986
Date achieved compliance: 09/10/1986
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/29/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 08/12/2016
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/29/2013
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/20/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported

SAFETY-KLEEN SYSTEMS INC BUFFALO OIL RECOVERY FACILITY (Continued) **1000406321**

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/02/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 03/23/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/15/2006
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/21/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 01/31/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/27/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/26/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 11/14/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 08/23/1993
Evaluation lead agency: State

Evaluation date: 11/15/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

SAFETY-KLEEN SYSTEMS INC BUFFALO OIL RECOVERY FACILITY (Continued) **1000406321**

Evaluation date: 12/13/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/14/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 12/18/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/27/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 12/13/1988
Evaluation lead agency: State

Evaluation date: 02/11/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 12/13/1988
Evaluation lead agency: EPA

Evaluation date: 02/11/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 04/29/1987
Evaluation lead agency: State

Evaluation date: 07/24/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA-Initiated Oversight/Observation/Training Actions

Evaluation date: 07/24/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 09/10/1986
Evaluation lead agency: State

Evaluation date: 11/26/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

TRIS:

Click this hyperlink while viewing on your computer to access
5 additional US_TRIS: record(s) in the EDR Site Report.

79
NNE
1/2-1
0.674 mi.
3560 ft.

MOLLENBERG-BETZ
300 SCOTT STREET
BUFFALO, NY 14204

NY SHWS **S108146566**
NY HSWDS **N/A**

Relative:
Higher

Actual:
589 ft.

SHWS:

Program:	HW
Site Code:	56563
Classification:	N
Region:	9
Acres:	Not reported
HW Code:	915041
Record Add:	11/18/1999
Record Upd:	02/15/2013
Updated By:	MLDOSTER
Site Description:	Mollenberg-Betz used this site to steam clean commercial refrigeration equipment. The washings, consisting of oil, grease and dirt, were permitted to flow directly into the ground. Waste oil was also spread on a parking lot for dust control. The company abandoned the steam cleaning operation in 1978. Erie County prepared a site profile report in 1982. A Phase I Investigation has been completed. Soil sampling taken by NYSDEC in 1989 did not find contaminants at levels of concern. The disposal of hazardous waste can not be documented at this site.
Env Problem:	No environmental problems have been noted at this site.
Health Problem:	The site is located in a mixed residential and industrial area along Scott Street in South Buffalo. Washings from a steam cleaning operation were formerly disposed of by direct discharge to the ground outside of the plant building. Waste oils were also spread over a gravel parking lot for dust control. This area is now paved with asphalt. No environmental monitoring data is available for this site. It is likely that any contamination which may exist in the soils is directly under the disposal area. Contamination of the underlying groundwater is possible. No wells in the area are used for drinking water. Public water supply services the area. No significant pathways for human exposure have been identified at the site.
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Owner
Sub Type:	E
Owner Name:	Not reported
Owner Company:	MOLLENBERG-BETZ
Owner Address:	300 SCOTT ST.
Owner Addr2:	Not reported
Owner City,St,Zip:	BUFFALO, NY 14204
Owner Country:	United States of America
Own Op:	Disp. Owner
Sub Type:	NNN

MOLLENBERG-BETZ (Continued) **S108146566**

Owner Name: Not reported
Owner Company: MOLLENBERG-BETZ
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: ZZ
Owner Country: United States of America
Own Op: Owner
Sub Type: NNN
Owner Name: Not reported
Owner Company: Mollenberg-Betz
Owner Address: 300 Scott Street
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14204
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: E
Owner Name: Not reported
Owner Company: MOLLENBERG-BETZ
Owner Address: 300 SCOTT ST.
Owner Addr2: Not reported
Owner City,St,Zip: BUFFALO, NY 14204
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: NNN
Owner Name: Not reported
Owner Company: Mollenberg-Betz
Owner Address: 300 Scott Street
Owner Addr2: Not reported
Owner City,St,Zip: Buffalo, NY 14204
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

HSWDS:
Facility ID: Not reported
Region: 9
Facility Status: Unknown
Owner Type: Puplic
Owner: Mollenberg-Betz Corp.
Owner Address: 300 Scott Street
Owner Phone: Unknown
Operator Type: Puplic
Operator: Inactive
Operator: Inactive
Operator Phone: N
EPA ID: None
Registry: D
Registry Site ID: 915041
RCRA Permitted: Unknown

MOLLENBERG-BETZ (Continued) **S108146566**

Site Code:	Spill
Owner City State:	Buffalo, NY 14204
Operator City State:	Not reported
Quadrange:	Buffalo,NE,NW,SE
Latitude:	42 52'34"N
Longitude:	78 52'11"W
Acres:	0.00
Operator Date:	1900's
Close Date:	Unknown
Completed:	Phase 1
Active:	No
PCB's Disposed:	No
Pesticides Disposed:	No
Metals Disposed:	No
Asbestos Disposed:	No
Volatile Organic Compounds Disposed:	No
Semi Volatile Organic Compounds Disposed:	No
Analytical Info Exists for Air:	Not reported
Analytical Info Exists for Ground:	None
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Sediments:	Not reported
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Substance:	Not reported
Analytical Info Exists for Waste:	Not reported
Analytical Info Exists for Leachate:	Not reported
Analytical Info Exists for EP Toxicity:	Not reported
Analytical Info Exists for TCLP:	Not reported
Threat to Environment/Public Health:	None
Surface Water Contamination:	Unknown
Surface Water Body Class:	D
Groundwater Contamination:	Unknown
Groundwater Classification:	Unknown
Drinking Water Contamination:	Unknown
Drinking Water Supply is Active:	Unknown
Any Known Fish or Wildlife:	Unknown
Hazardous Exposure:	Unknown
Site Has Controlled Acess:	No
Ambient Air Contamination:	Unknown
Direct Contact:	Unknown
EPA Hazardous Ranking System Score:	Unknown
Inventory:	F
Nefrap:	Not reported
Mailing:	Not reported
Tax Map No:	Not reported
Qualify:	0
Next Action:	Not reported
Agencies:	Not reported
Air:	Not reported
Building:	Not reported
Site Desc:	Not reported
Drink:	Not reported
Eptox:	Not reported
Fish:	Not reported
Ground:	Not reported
Ground Desc:	Not reported
Hazardous Threat:	Not reported
Haz Threat Desc:	Not reported

MOLLENBERG-BETZ (Continued) **S108146566**

Leachate:	Not reported
Preparer:	Not reported
Sediment:	Not reported
Soil:	Not reported
Surface:	Not reported
Status:	Not reported
Surface Soil:	Not reported
Surface:	Not reported
TCLP:	Not reported
Waste:	Not reported

---

80 **189 TONAWANDA ST CORP** **CORRACTS** **1000994302**
NNW **51 PERRY ST** **RCRA NonGen / NLR** **NYD980526818**
1/2-1 **BUFFALO, NY 14203** **2020 COR ACTION**
0.748 mi.
3951 ft.

Relative:
Higher

Actual:
585 ft.

CORRACTS:

EPA ID:	NYD980526818
EPA Region:	2
Area Name:	SITEWIDE
Actual Date:	20120913
Action:	CA800YE
NAICS Code(s):	331513 332111 212319 Steel Foundries (except Investment) Iron and Steel Forging Other Crushed and Broken Stone Mining and Quarrying
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	NYD980526818
EPA Region:	2
Area Name:	SITEWIDE
Actual Date:	20120412
Action:	CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s):	331513 332111 212319 Steel Foundries (except Investment) Iron and Steel Forging Other Crushed and Broken Stone Mining and Quarrying
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	NYD980526818
EPA Region:	2
Area Name:	SITEWIDE
Actual Date:	20120412
Action:	CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s):	331513 332111 212319 Steel Foundries (except Investment) Iron and Steel Forging Other Crushed and Broken Stone Mining and Quarrying
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	NYD980526818
EPA Region:	2

189 TONAWANDA ST CORP (Continued) **1000994302**

Area Name: SITEWIDE
Actual Date: 20120412
Action: CA999RM - Corrective Action Process Terminated, Remedial Activities Completed
NAICS Code(s): 331513 332111 212319
Steel Foundries (except Investment)
Iron and Steel Forging
Other Crushed and Broken Stone Mining and Quarrying
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD980526818
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 20120314
Action: CA550RC
NAICS Code(s): 331513 332111 212319
Steel Foundries (except Investment)
Iron and Steel Forging
Other Crushed and Broken Stone Mining and Quarrying
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD980526818
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 19950927
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 331513 332111 212319
Steel Foundries (except Investment)
Iron and Steel Forging
Other Crushed and Broken Stone Mining and Quarrying
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD980526818
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 19950728
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 331513 332111 212319
Steel Foundries (except Investment)
Iron and Steel Forging
Other Crushed and Broken Stone Mining and Quarrying
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD980526818
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 19950713
Action: CA050RF - RFA Completed, Assessment was an RFA
NAICS Code(s): 331513 332111 212319
Steel Foundries (except Investment)
Iron and Steel Forging
Other Crushed and Broken Stone Mining and Quarrying

189 TONAWANDA ST CORP (Continued) **1000994302**

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD980526818
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 19950706
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
NAICS Code(s): 331513 332111 212319
Steel Foundries (except Investment)
Iron and Steel Forging
Other Crushed and Broken Stone Mining and Quarrying
Original schedule date: Not reported
Schedule end date: Not reported

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: 189 TONAWANDA ST CORP
Facility address: 51 PERRY ST
BUFFALO, NY 14203
EPA ID: NYD980526818
Mailing address: PERRY ST
BUFFALO, NY 14203
Contact: Not reported
Contact address: PERRY ST
BUFFALO, NY 14203
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: 189 TANAWANDA ST CORP
Owner/operator address: PO BOX 98
DAYTON, OH 45401
Owner/operator country: US
Owner/operator telephone: 513-298-5251
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: DAYTON MALLEABLE INC.
Owner/operator address: P.O. BOX 98
OPERCITY, OH 99999
Owner/operator country: US
Owner/operator telephone: 513-298-5251
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported

189 TONAWANDA ST CORP (Continued) **1000994302**

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: 189 TONAWANDA ST CORP
Classification: Not a generator, verified

Date form received by agency: 02/08/1999
Site name: 189 TONAWANDA ST CORP
Classification: Not a generator, verified

. Waste code: NONE
. Waste name: None

Date form received by agency: 12/28/1982
Site name: 189 TONAWANDA ST CORP
Classification: Not a generator, verified

. Waste code: D000
. Waste name: Not Defined

. Waste code: D006
. Waste name: CADMIUM

Date form received by agency: 09/30/1981
Site name: 189 TONAWANDA ST CORP
Classification: Large Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D006
. Waste name: CADMIUM

. Waste code: X002
. Waste name: POLYCHLORINATED BIPHENOLS (PCBs)

189 TONAWANDA ST CORP (Continued) **1000994302**

Corrective Action Summary:

Event date:	07/06/1995
Event:	DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY
Event date:	07/13/1995
Event:	RFA COMPLETED-ASSESSMENT WAS A RFA
Event date:	07/28/1995
Event:	REMEDY DECISION
Event date:	09/27/1995
Event:	CA PRIORITIZATION-LOW CA PRIORITY
Event date:	03/14/2012
Event:	REMEDY CONSTRUCTION-REMEDY CONSTRUCTED
Event date:	04/12/2012
Event:	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	04/12/2012
Event:	RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Event date:	04/12/2012
Event:	CA PROCESS IS TERMINATED-REMEDIAL ACTIVITIES COMPLETE
Event date:	09/13/2012
Event:	READY FOR ANTICIPATED USE DETERMINATION - READY FOR ANTICIPATED USE
Violation Status:	No violations found

Evaluation Action Summary:

Evaluation date:	09/17/1998
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	EPA
Evaluation date:	02/19/1987
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State
Evaluation date:	03/25/1986
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State

2020 COR ACTION:

EPA ID:	NYD980526818
Region:	2
Action:	Remedy Construction

81
North
1/2-1
0.885 mi.
4671 ft.

W & F MFG CO INC
251 SENECA ST
BUFFALO, NY 14204

CORRACTS
NY Spills
RCRA NonGen / NLR
RAATS
NY MANIFEST

1000113745
NYD002100121

Relative:
Higher

Actual:
588 ft.

CORRACTS:

EPA ID:	NYD002100121
EPA Region:	2
Area Name:	SITEWIDE
Actual Date:	20140911
Action:	CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s):	339999 All Other Miscellaneous Manufacturing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	NYD002100121
EPA Region:	2
Area Name:	SITEWIDE
Actual Date:	20140911
Action:	CA550NR
NAICS Code(s):	339999 All Other Miscellaneous Manufacturing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	NYD002100121
EPA Region:	2
Area Name:	SITEWIDE
Actual Date:	20140911
Action:	CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s):	339999 All Other Miscellaneous Manufacturing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	NYD002100121
EPA Region:	2
Area Name:	SITEWIDE
Actual Date:	20140731
Action:	CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s):	339999 All Other Miscellaneous Manufacturing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	NYD002100121
EPA Region:	2
Area Name:	SITEWIDE
Actual Date:	20140731
Action:	CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s):	339999 All Other Miscellaneous Manufacturing
Original schedule date:	Not reported
Schedule end date:	Not reported

W & F MFG CO INC (Continued) **1000113745**

EPA ID: NYD002100121
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 20140731
Action: CA800YE
NAICS Code(s): 339999
All Other Miscellaneous Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002100121
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 19940719
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
NAICS Code(s): 339999
All Other Miscellaneous Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002100121
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 19940112
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 339999
All Other Miscellaneous Manufacturing
Original schedule date: 19940331
Schedule end date: Not reported

EPA ID: NYD002100121
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 19920922
Action: CA050 - RFA Completed
NAICS Code(s): 339999
All Other Miscellaneous Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002100121
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 19881216
Action: CA999NF - Corrective Action Process Terminated, No Further Action
NAICS Code(s): 339999
All Other Miscellaneous Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002100121
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 19881216
Action: CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary
NAICS Code(s): 339999

W & F MFG CO INC (Continued) **1000113745**

All Other Miscellaneous Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: NYD002100121
EPA Region: 2
Area Name: SITEWIDE
Actual Date: 19881028
Action: CA050PA - RFA Completed, Assessment was a PA-Plus
NAICS Code(s): 339999
All Other Miscellaneous Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

SPILLS:
Facility ID: 0905174
Facility Type: ER
Spill Number: 0905174
DER Facility ID: 366558
Site ID: 417430
DEC Region: 9
Closed Date: 2009-08-04
Spill Cause: Equipment Failure
Spill Class: Not reported
SWIS: 1502
Spill Date: 2009-08-04
Investigator: TDJOHNSO
Referred To: Not reported
Reported to Dept: 2009-08-04
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2009-08-04
Spill Record Last Update: 2009-08-04
Spiller Name: MIKE PILATO
Spiller Company: WASTE MANAGEMENT
Spiller Address: 100 RANCIER DR
Spiller Company: 999
Contact Name: MIKE PILATO
DEC Memo: "08/04/09 TDJ SPOKE WITH MIKE PILATO OF WASTE MANAGEMENT WHO STATED THAT A HYDRAULIC LINE BROKE ON TOP OF TRUCK WHEN ENTERING BFI PROPERTY. LINE OF FLUID ON PAVEMENT IS BEING CLEANED UP WITH SPEEDY DRY BY EMPLOYEES. APPROX 2 GALLONS WAS LOST. SPEEDY DRY WILL BE DISPOSED OF AT WASTE MANAGEMENT LOCATION. NO FURTHER ACTION FILE CLOSED TO ELECTRONIC ONLY"
Remarks: "LINE BREAK ON A TRUCK ABOUT A GALLONS SPILLED TO PAVEMENT. CLEAN UP IS IN PROGRESS."

All Materials:
Site ID: 417430

W & F MFG CO INC (Continued) **1000113745**

Operable Unit ID:	1173643
Operable Unit:	01
Material ID:	2165595
Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	W & F MFG CO INC
Facility address:	251 SENECA ST BUFFALO, NY 14204-2013
EPA ID:	NYD002100121
Mailing address:	PO BOX 126 BUFFALO, NY 14240
Contact:	Not reported
Contact address:	PO BOX 126 BUFFALO, NY 14240
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	W & F MFG CO INC
Owner/operator address:	251 SENECA ST OPERCITY, NY 99999
Owner/operator country:	US
Owner/operator telephone:	716-856-3600
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	W & F MFG CO INC
Owner/operator address:	251 SENECA ST BUFFALO, NY 14204
Owner/operator country:	US
Owner/operator telephone:	716-856-3600
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner

W & F MFG CO INC (Continued) **1000113745**

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: W & F MFG CO INC
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: W & F MFG CO INC
Classification: Not a generator, verified

Date form received by agency: 11/19/1980
Site name: W & F MFG CO INC
Classification: Not a generator, verified

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: F017
. Waste name: Not Defined

Date form received by agency: 08/18/1980
Site name: W & F MFG CO INC
Classification: Large Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE

W & F MFG CO INC (Continued) **1000113745**

FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: F017
. Waste name: Not Defined

Corrective Action Summary:
Event date: 10/28/1988
Event: RFA COMPLETED-ASSESSMENT WAS A PA-PLUS

Event date: 12/16/1988
Event: CA PROCESS IS TERMINATED-NO FURTHER ACTION

Event date: 12/16/1988
Event: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NOT NECESSARY

Event date: 09/22/1992
Event: RFA COMPLETED

Event date: 01/12/1994
Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 07/19/1994
Event: DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NECESSARY

Event date: 07/31/2014
Event: READY FOR ANTICIPATED USE DETERMINATION - READY FOR ANTICIPATED USE

Event date: 07/31/2014
Event: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

Event date: 07/31/2014
Event: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

Event date: 09/11/2014
Event: REMEDY CONSTRUCTION-NO REMEDY CONSTRUCTED

Event date: 09/11/2014
Event: CA PROCESS IS TERMINATED-NO FURTHER ACTION

Event date: 09/11/2014
Event: REMEDY DECISION

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/26/1984
Date achieved compliance: 12/08/1984
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 12/21/1983
Enf. disposition status: Not reported

W & F MFG CO INC (Continued) **1000113745**

Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: 7500
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 01/31/1983
Date achieved compliance: 12/08/1984
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 11/06/1984
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 01/31/1983
Date achieved compliance: 12/08/1984
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/23/1983
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 7500
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 07/26/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/17/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/09/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/26/1984
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 12/08/1984

W & F MFG CO INC (Continued) **1000113745**

Evaluation lead agency: EPA

Evaluation date: 01/31/1983
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 12/08/1984
Evaluation lead agency: EPA

NY MANIFEST:
Country: USA
EPA ID: NYD002100121
Facility Status: Not reported
Location Address 1: 2299 KENMORE AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BUFFALO
Location State: NY
Location Zip: 14207
Location Zip 4: 1311

NY MANIFEST:
EPAID: NYD002100121
Mailing Name: W & F MANUFACTURING
Mailing Contact: UNKNOWN
Mailing Address 1: 2299 KENMORE AVE
Mailing Address 2: Not reported
Mailing City: BUFFALO
Mailing State: NY
Mailing Zip: 14207
Mailing Zip 4: 1311
Mailing Country: USA
Mailing Phone: 0000000000

NY MANIFEST:
Document ID: NYO2759769
Manifest Status: C
seq: Not reported
Year: 1983
Trans1 State ID: 9A090
Trans2 State ID: Not reported
Generator Ship Date: 10/14/1983
Trans1 Recv Date: 10/14/1983
Trans2 Recv Date: / /
TSD Site Recv Date: 10/14/1983
Part A Recv Date: 10/25/2003
Part B Recv Date: 10/25/2003
Generator EPA ID: NYD002100121
Trans1 EPA ID: NYD080336241
Trans2 EPA ID: Not reported
TSDF ID 1: NYD080336241
TSDF ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported
Discr Quantity Indicator: Not reported
Discr Type Indicator: Not reported
Discr Residue Indicator: Not reported

W & F MFG CO INC (Continued) **1000113745**

Discr Partial Reject Indicator:	Not reported
Discr Full Reject Indicator:	Not reported
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00025
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	Not reported
Specific Gravity:	100
Waste Code:	U228 - TRICHLOROETHENE
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00020
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	Not reported
Specific Gravity:	100

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

Count: 5 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BUFFALO	1003863950	TIMES BEACH DISPOSAL SITE	FUHRMANN AVE	14202	SEMS-ARCHIVE
BUFFALO	S113917104	BUFFALO CITY-HOPKINS STREET LANDFI	HOPKINS STREET, SOUTH OF MARIL	14202	NY SHWS
BUFFALO	S113917027	US STEEL - EASTERN LIMESTONE DIVIS	KATHERINE STREET	14203	NY SHWS
BUFFALO	S113916944	ALLIED CHEMICAL-HOPKINS ST. SITE	NORTH OF SOUTH PARK AND HOPKIN		NY SHWS
BUFFALO	S113917117	NEW BUFFALO INDUSTRIAL PARK	SOUTH OGDEN, DINGENS, BAILEY		NY SHWS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: N/A
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 29

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 07/16/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/31/2018
Date Data Arrived at EDR: 08/28/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/28/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/31/2018
Date Data Arrived at EDR: 08/28/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/28/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/18/2018
Date Data Arrived at EDR: 06/27/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 79

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 08/09/2018
Date Data Arrived at EDR: 08/10/2018
Date Made Active in Reports: 08/30/2018
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/08/2017
Date Data Arrived at EDR: 01/02/2018
Date Made Active in Reports: 01/31/2018
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-457-2051
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

LTANKS: Spills Information Database
Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 10/16/2018
Date Made Active in Reports: 10/22/2018
Number of Days to Update: 6
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/16/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/10/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Varies

UST: Petroleum Bulk Storage (PBS) Database

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 09/25/2018
Date Data Arrived at EDR: 09/26/2018
Date Made Active in Reports: 10/12/2018
Number of Days to Update: 16

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 09/26/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF: Major Oil Storage Facility Site Listing

These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 09/25/2018
Date Data Arrived at EDR: 09/26/2018
Date Made Active in Reports: 10/12/2018
Number of Days to Update: 16

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 09/26/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CBS: Chemical Bulk Storage Site Listing

These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 09/25/2018
Date Data Arrived at EDR: 09/26/2018
Date Made Active in Reports: 10/12/2018
Number of Days to Update: 16

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 09/26/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 09/25/2018
Date Data Arrived at EDR: 09/26/2018
Date Made Active in Reports: 10/12/2018
Number of Days to Update: 16

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 09/26/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

TANKS: Storage Tank Faciliy Listing

This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 09/25/2018
Date Data Arrived at EDR: 09/26/2018
Date Made Active in Reports: 10/12/2018
Number of Days to Update: 16

Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 09/26/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

ENV RES DECL: Environmental Restrictive Declarations

The Environmental Restrictive Declarations (ERD) listed were recorded in connection with a zoning action against the noted Tax Blocks and Tax Lots, or portion thereof, and are available in the property records on file at the Office of the City Register for Bronx, Kings, New York and Queens counties or at the Richmond County Clerk's office. They contain environmental requirements with respect to hazardous materials, air quality and/or noise in accordance with Section 11-15 of this Resolution.

Date of Government Version: 05/15/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 08/07/2018
Number of Days to Update: 42

Source: New York City Department of City Planning
Telephone: 212-720-3300
Last EDR Contact: 09/18/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Varies

RES DECL: Restrictive Declarations Listing

A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 11/18/2010
Date Data Arrived at EDR: 06/30/2014
Date Made Active in Reports: 07/21/2014
Number of Days to Update: 21

Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 09/21/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Varies

ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 08/09/2018
Date Data Arrived at EDR: 08/10/2018
Date Made Active in Reports: 08/31/2018
Number of Days to Update: 21

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 08/09/2018
Date Data Arrived at EDR: 08/10/2018
Date Made Active in Reports: 08/31/2018
Number of Days to Update: 21

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Agreements

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 08/09/2018
Date Data Arrived at EDR: 08/10/2018
Date Made Active in Reports: 08/31/2018
Number of Days to Update: 21

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Semi-Annually

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP NYC: Voluntary Cleanup Program Listing NYC
New York City voluntary cleanup program sites.

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/29/2018
Date Made Active in Reports: 05/14/2018
Number of Days to Update: 46

Source: New York City Office of Environmental Protection
Telephone: 212-788-8841
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/24/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site List
A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 08/09/2018
Date Data Arrived at EDR: 08/10/2018
Date Made Active in Reports: 08/30/2018
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Semi-Annually

ERP: Environmental Restoration Program Listing
In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 08/09/2018
Date Data Arrived at EDR: 08/10/2018
Date Made Active in Reports: 08/31/2018
Number of Days to Update: 21

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/18/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/18/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 02/27/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 63

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 09/10/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: No Update Planned

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 12/08/2017
Date Data Arrived at EDR: 01/02/2018
Date Made Active in Reports: 01/31/2018
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-8705
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 08/03/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/18/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 86

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/28/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: No Update Planned

DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 08/09/2018
Date Data Arrived at EDR: 08/10/2018
Date Made Active in Reports: 08/31/2018
Number of Days to Update: 21

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/18/2018
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 86

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/28/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

HIST AST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Spill Liens Information

Lien information from the Oil Spill Fund.

Date of Government Version: 08/08/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 08/31/2018
Number of Days to Update: 22

Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 73

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

SPILLS: Spills Information Database

Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 10/16/2018
Date Made Active in Reports: 10/22/2018
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/16/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/14/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/12/2013
Number of Days to Update: 40

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/19/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/12/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/12/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/27/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/03/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/10/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/21/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 01/10/2018
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 2

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/24/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 57

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/22/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/23/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 126

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/11/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 10/09/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/11/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/07/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/04/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/02/2018
Date Data Arrived at EDR: 07/05/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/03/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/17/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 80

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/24/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/09/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 09/11/2018
Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/20/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/04/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/29/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 37

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/31/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/31/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/10/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/07/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 30

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 09/18/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/31/2018
Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 06/19/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 87

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/02/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 09/05/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/22/2018
Date Data Arrived at EDR: 08/22/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 44

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/22/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Quarterly

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 07/23/2018
Date Data Arrived at EDR: 07/23/2018
Date Made Active in Reports: 08/07/2018
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 11/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Annually

COAL ASH: Coal Ash Disposal Site Listing
A listing of coal ash disposal site locations.

Date of Government Version: 06/29/2018
Date Data Arrived at EDR: 07/03/2018
Date Made Active in Reports: 08/07/2018
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

DRYCLEANERS: Registered Drycleaners
A listing of all registered drycleaning facilities.

Date of Government Version: 03/07/2018
Date Data Arrived at EDR: 03/30/2018
Date Made Active in Reports: 06/05/2018
Number of Days to Update: 67

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 09/10/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING
The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 08/21/2018
Date Data Arrived at EDR: 09/20/2018
Date Made Active in Reports: 10/12/2018
Number of Days to Update: 22

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 09/18/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Semi-Annually

Financial Assurance 1: Financial Assurance Information Listing
Financial assurance information.

Date of Government Version: 12/01/2017
Date Data Arrived at EDR: 01/02/2018
Date Made Active in Reports: 01/31/2018
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 12/29/2017
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 06/05/2018
Number of Days to Update: 60

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 09/10/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

HSWDS: Hazardous Substance Waste Disposal Site Inventory
The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 07/01/2018
Date Data Arrived at EDR: 08/01/2018
Date Made Active in Reports: 08/31/2018
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/01/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Quarterly

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 07/18/2018
Date Data Arrived at EDR: 07/31/2018
Date Made Active in Reports: 08/07/2018
Number of Days to Update: 7

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: No Update Planned

VAPOR REOPENED: Vapor Intrusion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 01/01/2018
Date Data Arrived at EDR: 02/15/2018
Date Made Active in Reports: 03/27/2018
Number of Days to Update: 40

Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 08/17/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: Varies

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 09/04/2018
Date Data Arrived at EDR: 09/06/2018
Date Made Active in Reports: 10/12/2018
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 09/06/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: Quarterly

COOLING TOWERS: Registered Cooling Towers

This data includes the location of cooling towers registered with New York State. The data is self-reported by owners/property managers of cooling towers in service in New York State. In August 2015, the New York State Department of Health released emergency regulations requiring the owners of cooling towers to register them with New York State.

Date of Government Version: 07/10/2018
Date Data Arrived at EDR: 07/20/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 56

Source: Department of Health
Telephone: 518-402-7650
Last EDR Contact: 10/17/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

CORTLAND COUNTY:

AST - CORTLAND: Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 07/11/2018
Date Data Arrived at EDR: 09/19/2018
Date Made Active in Reports: 10/12/2018
Number of Days to Update: 23

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 10/29/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Quarterly

UST - CORTLAND: Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 07/11/2018
Date Data Arrived at EDR: 09/19/2018
Date Made Active in Reports: 10/12/2018
Number of Days to Update: 23

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 10/29/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Quarterly

NASSAU COUNTY:

AST - NASSAU: Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 10/29/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: No Update Planned

AST NCFM: Storage Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

TANKS NASSAU: Registered Tank Database in Nassau County
A listing of facilities in Nassau County with storage tanks.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35
Source: Nassau County Department of Health
Telephone: 516-227-9691
Last EDR Contact: 10/29/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

UST - NASSAU: Registered Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35
Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 10/29/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: No Update Planned

UST NCFM: Storage Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34
Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

ROCKLAND COUNTY:

AST - ROCKLAND: Petroleum Bulk Storage Database
A listing of aboveground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189
Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: No Update Planned

UST - ROCKLAND: Petroleum Bulk Storage Database
A listing of underground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189
Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 08/29/2018
Next Scheduled EDR Contact: 12/17/2018
Data Release Frequency: No Update Planned

SUFFOLK COUNTY:

AST - SUFFOLK: Storage Tank Database
A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 03/03/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/23/2015
Number of Days to Update: 13
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 10/29/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: No Update Planned

UST - SUFFOLK: Storage Tank Database
A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 03/03/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/23/2015
Number of Days to Update: 13

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 10/29/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

AST - WESTCHESTER: Listing of Storage Tanks
A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 07/20/2018
Date Data Arrived at EDR: 08/21/2018
Date Made Active in Reports: 08/30/2018
Number of Days to Update: 9

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 10/29/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Semi-Annually

UST - WESTCHESTER: Listing of Storage Tanks
A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 07/20/2018
Date Data Arrived at EDR: 08/21/2018
Date Made Active in Reports: 08/30/2018
Number of Days to Update: 9

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 10/29/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Semi-Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/10/2018
Date Data Arrived at EDR: 08/10/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 31

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/09/2018
Next Scheduled EDR Contact: 11/26/2018
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/01/2018
Number of Days to Update: 19

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/09/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/21/2018
Next Scheduled EDR Contact: 12/03/2018
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 08/23/2018
Date Data Arrived at EDR: 08/23/2018
Date Made Active in Reports: 09/18/2018
Number of Days to Update: 26

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/06/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

145 GANSON STREET AKA 127-191 GANSON STREET
145 GANSON STREET
BUFFALO, NY 14203

TARGET PROPERTY COORDINATES

Latitude (North):	42.863884 - 42° 51' 49.98''
Longitude (West):	78.870465 - 78° 52' 13.67''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	673965.5
UTM Y (Meters):	4747684.5
Elevation:	585 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5937941 BUFFALO SE, NY
Version Date:	2013
Northeast Map:	5937939 BUFFALO NE, NY
Version Date:	2013
Southwest Map:	5938307 BUFFALO SE OE W, NY
Version Date:	2013
Northwest Map:	5938774 BUFFALO NW, NY
Version Date:	2013

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

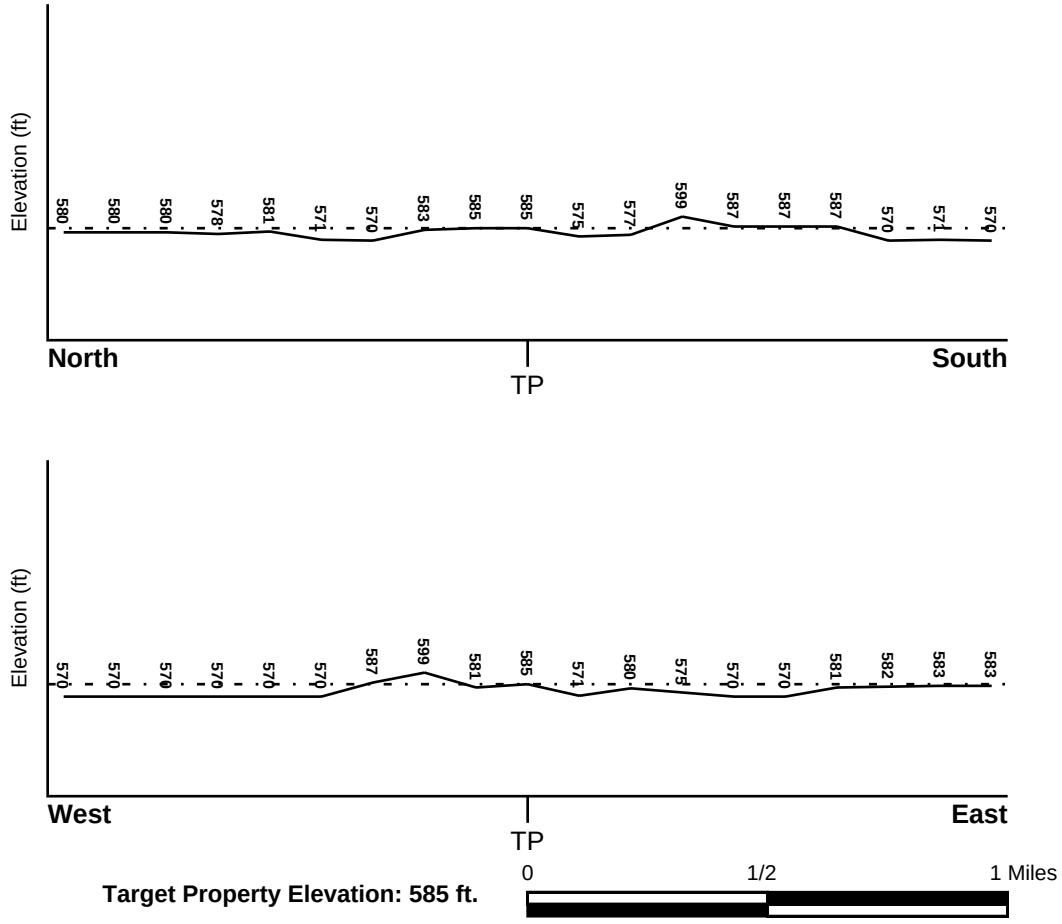
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ENE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
36029C0326G	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
3602300020B	FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
BUFFALO SE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

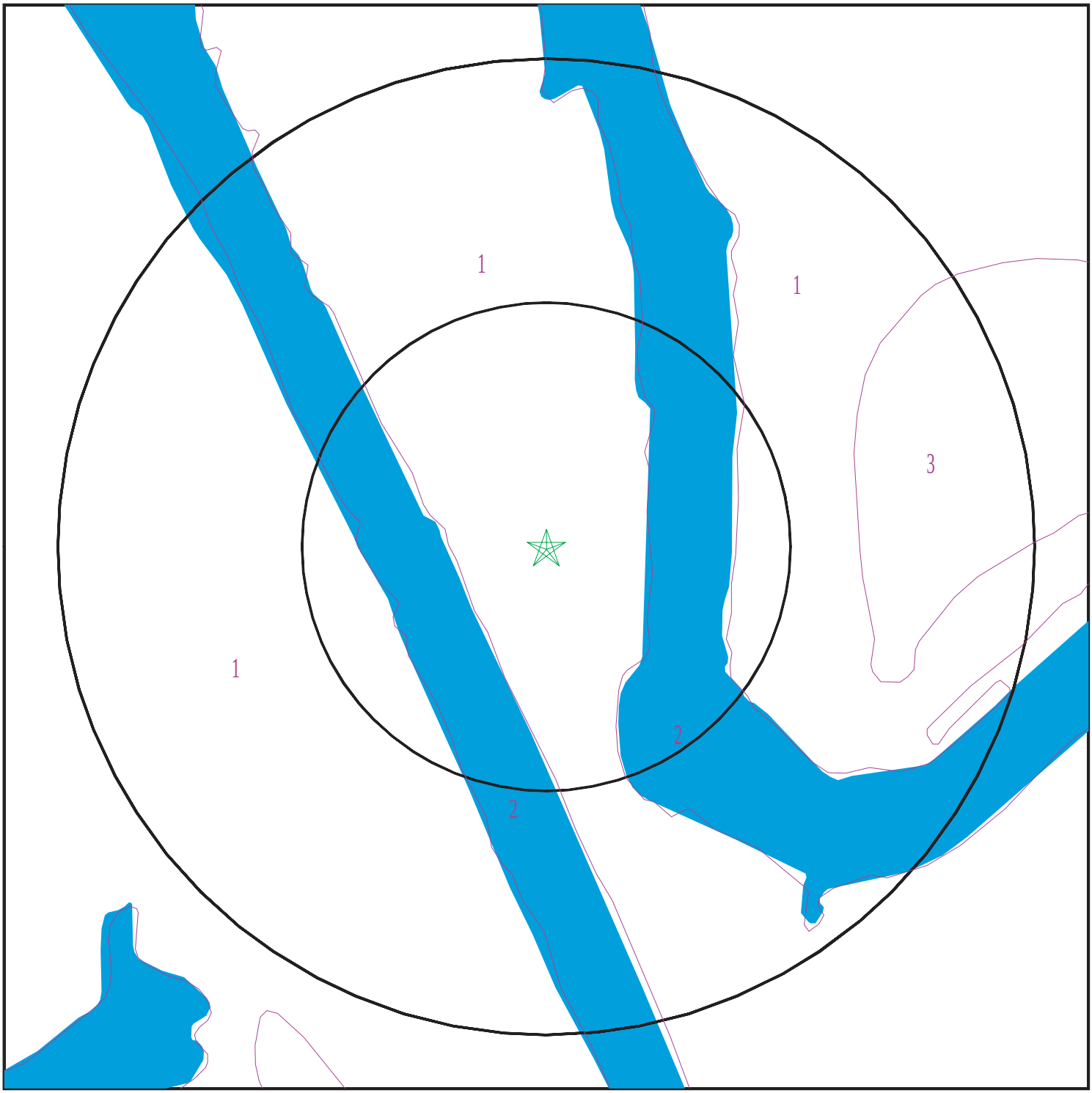
Era:	Paleozoic
System:	Devonian
Series:	Middle Devonian
Code:	D2 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 5468527.2s



SITE NAME:	145 Ganson Street Aka 127-191 Ganson Street	CLIENT:	TurnKey Environmental Restoration, LLC.
ADDRESS:	145 Ganson Street Buffalo NY 14203	CONTACT:	Chad Schuster
LAT/LONG:	42.863884 / 78.870465	INQUIRY #:	5468527.2s
		DATE:	October 30, 2018 9:40 am

Copyright © 2018 EDR, Inc. © 2015 TomTom Rel. 2015.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 2

Soil Component Name: Water

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 3

Soil Component Name: Urban

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

No Layer Information available.

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000864245	1/2 - 1 Mile North
2	USGS40000864244	1/2 - 1 Mile NNE
3	USGS40000864278	1/2 - 1 Mile North
4	USGS40000864271	1/2 - 1 Mile NNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	NYOG90000032044	1/4 - 1/2 Mile SSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	NYOG90000031990	1/2 - 1 Mile South

PHYSICAL SETTING SOURCE MAP - 5468527.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	145 Ganson Street Aka 127-191 Ganson Street	CLIENT:	TurnKey Environmental Restoration, LLC.
ADDRESS:	145 Ganson Street Buffalo NY 14203	CONTACT:	Chad Schuster
LAT/LONG:	42.863884 / 78.870465	INQUIRY #:	5468527.2s
		DATE:	October 30, 2018 9:40 am

Copyright © 2018 EDR, Inc. © 2015 TomTom Rel. 2015.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
North
1/2 - 1 Mile
Lower

FED USGS **USGS40000864245**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	E 245	Type:	Well
Description:	Niagara Project: BNE-90	HUC:	04120103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	New York and New England carbonate-rock aquifers		
Formation Type:	Onondaga Limestone	Aquifer Type:	Not Reported
Construction Date:	1925	Well Depth:	127
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1951
Feet below surface:	Not Reported	Feet to sea level:	Not Reported
Note:	The site was flowing, but the head could not be measured without additional equipment.		

2
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000864244**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	E 244		
Type:	Well: Test hole not completed as a well		
Description:	Niagara Project: BNE-17	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

3
North
1/2 - 1 Mile
Lower

FED USGS **USGS40000864278**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	E 255		
Type:	Well: Test hole not completed as a well		
Description:	Niagara Project: BNE-18	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

4
NNW
1/2 - 1 Mile
Lower | **FED USGS** | **USGS40000864271**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	E 252		
Type:	Well: Test hole not completed as a well		
Description:	Niagara Project: BNW-1	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
SSW **OIL_GAS** **NYOG90000032044**
1/4 - 1/2 Mile

API Well #:	31029128190000	Well Name:	Niagara Frontier 1
Owner:	Niagara Frontier Transportation Authority		
Operator:	2454	Well Type:	Gas Development
Well Status:	Plugged and Abandoned	Permit Date:	0
Drill Date:	0	Completion Date:	1977 7 1
Plug Date:	0	Field Name:	Buffalo
Formation:	Medina	Borehole Slant:	Vertical
State Owned Lease:	NA	Proposed Depth:	1100
True Depth:	1112	Measured Length:	1112

2
South **OIL_GAS** **NYOG90000031990**
1/2 - 1 Mile

API Well #:	31029117820000	Well Name:	Freezer Queen 1
Owner:	Queen City Landing, LLC	Operator:	2473
Well Type:	Gas Development	Well Status:	Plugged and Abandoned
Permit Date:	0	Drill Date:	0
Completion Date:	1976 426	Plug Date:	0
Field Name:	Buffalo	Formation:	Medina
Borehole Slant:	Vertical	State Owned Lease:	NA
Proposed Depth:	1100	True Depth:	1109
Measured Length:	1109		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: NY Radon

Radon Test Results

County	Town	Num Tests	Avg Result	Geo Mean	Max Result
ERIE	ALDEN	123	5.69	1.93	185.3
ERIE	AMHERST	864	2.57	1.15	115.6
ERIE	AURORA	436	10.94	4.46	215.6
ERIE	BOSTON	101	9.51	4.47	49.9
ERIE	BRANT	9	12.9	4.13	78.7
ERIE	BUFFALO	936	1.18	0.62	63.2
ERIE	CHEEKTOWAGA	444	1.03	0.71	30.8
ERIE	CLARENCE	244	6.79	2.37	207.8
ERIE	COLDEN	45	5.4	3.44	38
ERIE	COLLINS	48	11.83	4.76	115.1
ERIE	CONCORD	180	15.75	7.87	163
ERIE	EDEN	163	6.74	3.33	206.7
ERIE	ELMA	282	8.17	3.15	213.6
ERIE	EVANS	121	5.77	2.92	92.3
ERIE	GRAND ISLAND	85	1.41	1.03	7.5
ERIE	HAMBURG	753	4.9	2.2	136.8
ERIE	HOLLAND	55	8.09	3.57	122.9
ERIE	KENMORE	146	0.75	0.56	4.8
ERIE	LACKAWANNA	42	1.45	0.83	11.4
ERIE	LANCASTER	177	2.76	1.17	155.1
ERIE	MARILLA	239	28.88	9.31	371.9
ERIE	NEWSTEAD	88	3.44	2.35	18
ERIE	NO. COLLINS	28	7.97	3.88	75.6
ERIE	ORCHARD PARK	490	4.8	2.37	116.9
ERIE	SARDINIA	25	22.28	8.33	121.2
ERIE	TONAWANDA	392	1.04	0.72	18.9
ERIE	W. SENECA	266	2.51	1.35	55.8
ERIE	WALES	44	11.97	4.35	181.7

Federal EPA Radon Zone for ERIE County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for ERIE COUNTY, NY

Number of sites tested: 622

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	1.000 pCi/L	89%	11%	0%
Basement	1.150 pCi/L	87%	11%	2%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Department of Environmental Conservation
Telephone: 518-402-8072
These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

APPENDIX B

ENVIRONMENTAL/GOVERNMENT AGENCY INFORMATION

NYSDEC SPILL REPORT FORM

DEC REGION: 9 **SPILL NUMBER:** 8708580

SPILL NAME: LAKE ERIE TRANSPORT **DEC LEAD:** COOKE

CALLER NAME: **NOTIFIER'S NAME:**

CLR'S AGENCY: **NOTIFIER'S AGENCY:**

CALLER'S PHONE: **NOTIFIER'S PHONE:**

SPILL DATE: 01/04/1988 **SPILL TIME:** 11:30 am **DISPATCHER:**

CALL RECEIVED DATE: 01/04/1988 **RECEIVED TIME:** 11:30 am

SPILL LOCATION

PLACE: LAKE ERIE TRANSPORT **COUNTY:** Erie

STREET: 145 GANSON STREET **TOWN/CITY:** Buffalo (c)

COMMUNITY: BUFFALO

CONTACT: **CONTACT PHONE:**

CONT. FACTOR: Tank Failure **SPILL REPORTED BY:** Other

FACILITY TYPE: Commercial/Industrial **WATERBODY:**

CALLER REMARKS:

TANKS BEING REMOVED ON A ROUTINE BASIS WHEN SOME QUESTIONABLE SOIL WAS ENCOUNTERED.

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
#2 fuel oil	Petroleum	0.00 G	0.00 G	GW,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
LAKE ERIE TRANSPORT	145 GANSON STREET BUFFALO NY	

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "JDC"

/ / : JDC RESPONDED AND FOUND NO SIGNIFICANT SOIL CONTAMINATION THAT WOULD REQUIRE ANY CLEANUP. NO FURTHER ACTION REQUIRED.

/ / : JDC RESPONDED 01/04/88, FOUND NO SIGNIFICANT SOIL CONTAMINATION THAT WOULD REQUIRE ANY CLEANUP. NO FURTHER ACTION REQUIRED.

PIN **T & A** **COST CENTER**

CLASS: **CLOSE DATE:** 01/04/1988 **MEETS STANDARDS:** True

Created On: 01/08/1988
Date Printed: 10/23/2018 Last Updated: 03/18/2002

NEW YORK ...TE DEPARTMENT OF ENVIRONMENTA... NSERVATION

SPILL RESPONSE FORM

REGION 9 SPILL NO. 8708580

CALLER'S NAME: STEVE COOPER NOTIFIER'S NAME:

CALLER'S AGENCY: NIAGARA TANK NOTIFIER'S AGENCY:

CALLER'S PHONE: NOTIFIER'S PHONE:

SPILL DATE: 1/14/88 TIME: 1130 hrs. ANS SVC DATE: / / TIME: hrs.

CENT OFF DATE: 1/17/88 TIME: 1544 hrs. FIRST CALL: A, R, C

REG OFF DATE: 1/14/88 TIME: 1130 hrs. COMPUTER: ☐

Petroleum Spilled

1 - Gasoline
(2) - #2 Fuel
3 - #4 Fuel
4 - #6 Fuel
5 - Diesel
6 - Jet Fuel
7 - Waste Oil
8 - Non-PCB Oil
9 - PCB Oil
10 - Unknown

Material Class

(1) - Petroleum
2 - NonPetro/NonHaz
3 - Hazardous Material
4 - Raw Sewage
5 - Unknown

Other Material Spilled

QUANTITY SPILLED (gals, lbs)

SPILL NAME: LAKE ERIE TRANS. SPILLER NAME: SAME

SPILL LOCATION: 145 GANSON ST STREET:

MUNICIPALITY: BUFFALO CITY/ST/ZIP:

COUNTY: ERIE PHONE:

Contact Person:

Spill Cause

1 - Human Error
2 - Traffic Accident
3 - Equip. Failure
4 - Vandalism
5 - TK Test Fail. (Bulk Stor. Pro.)
6 - Housekeeping
7 - Deliberate
8 - Aband. Drums
(9) - Tank Failure
10 - Tank Overfill
11 - Other
12 - Unknown

Spill Source

(1) - Comm./Indust.
2 - Non Comm/Inst.
3 - Maj Fac 400,000 gal
4 - Non-Maj Fac 1,100 gal
5 - Gas Station
6 - Pass. Vehicle
7 - Comm. Vehicle
8 - Tank Truck
9 - Pvt. Dwelling
10 - Vessel
11 - Railroad Car
12 - Unknown

RM

Resource Affected

1 - On Land
2 - In Sewer
(3) - Groundwater
4 - Surface Water
5 - Air

Waterbody

Drain Basin/Sub Basin

Notifier:

1 - Resp. Party
2 - Affect. Pers.
3 - Police Dept.
4 - Fire Dept.
5 - Tank Tester
6 - DEC
7 - Citizen
8 - Health Dept.
9 - Local Agency
10 - Fed. Gov't.
(11) - Other (see remarks)

REMARKS: N/A. TANK & PUMP REMOVING TANKS (ROUTINE) WANTED DEC REPRESENTATIVE TO CHECK EXCAVATION.

COMPLETION DATE: 1/7/88 BY: JDC

PIN #SP TIME/ACTIVITY COST CENTER LEAD DEC JDC

Spill Number _____

Date _____

SPILL CONTINUATION SHEET

Date	Comments
1/4/88	ADC RESPONDED, CHECKED ~~AREA~~ OF CONCERN AND FOUND SLIGHT CONTAMINATION AS A RESULT OF OLD SPILLAGE FROM ROUTINE USE. DRAFTED LETTER STATING SAME AS REQUESTED BY LAKE ERIE TRANS VIA STEVE COOPER - NIA. TK & RMP. NO FURTHER ACTION REQUIRED.

JDC

January 7, 1988

Mr. Cooper
Niagara Tank & Pipe
262 Carlton
Buffalo, New York 14221

Dear Mr. Cooper:

Contaminated Soil
Lake Erie Transportation
Buffalo
Erie County

Based on my site investigation at the above-referenced location on January 5, 1988, no contamination of groundwater or soil exists that requires cleanup.

I hope this satisfies your request. Please contact me at 847-4586 if you have any further questions or concerns.

Sincerely,

James D. Cooke
Engineering Technician
Region 9 - Buffalo

JDC:vu

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

APPLICATION FOR ACCESS TO RECORDS

(See Instruction on Reverse Side)

APPLICANT

- **TO THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION:**
  I hereby apply to inspect the following records under the provisions of the Freedom of Information Law:

Spill File # 8708580

After inspection, should I desire copies of all or part of the records inspected, I will identify the records to be copied and hereby offer to promptly pay the established fees. (Cost of reproduction or 25¢ per page as applicable). Contact me if cost will exceed $ _____.

Name (Print or type) Jon Allen Telephone No. 800-352-0050

Attention of: _____

Mailing Address 3530 Post Rd Southport, CT

Signature _____ Date 10-26-99

RECORDS CUSTODIAN

- **TO THE APPLICANT:**

—Records Provided

☐ The reproduction costs for the records provided are $ _____

☐ Records have been (partially, fully) provided. (If not fully provided, date when records are expected to be fully provided: _____)

—Records Not Available

☐ Records cannot be found after diligent search

☐ The Department is not the custodian for records indicated

—Records Denied

I hereby certify that access to the records—or part of the records—circled above has been denied to the applicant for the reason(s) checked below:

☐ Specifically exempt by other statute

☐ Unwarranted invasion of personal privacy

☐ Would impair present or imminent contract awards or collective bargaining negotations

☐ Are examination questions or answers

☐ Are inter-agency or intra-agency materials that are not:
- statistical or factual tabulations or data
- instructions to staff that affect the public
- final agency policy or determinations; or
- external audits, including but not limited to audits performed by the comptroller and the federal government

☐ Would endanger the life or safety of any person

☐ Are compiled for law enforcement purposes and which, if disclosed would:
- interfere with law enforcement investigations or judicial proceedings
- deprive a person of the right to a fair trial or impartial adjudication
- identify a confidential source or disclose confidential information relating to a criminal investigation, or
- reveal criminal investigative techniques or procedures, except routine techniques and procedures

☐ Are computer access codes

☐ Are trade secrets

Identification of records withheld (attach listing if additional space is required) and/or explanation if appropriate:

Records Custodian Signature Kathy Brennan Title Program Aide Date 11/9/99

NYSDEC SPILL REPORT FORM

DEC REGION: 9 **SPILL NUMBER:** 9501488

SPILL NAME: WASTE MANAEGEMENT **DEC LEAD:** RMCROSSE

CALLER NAME: JOHN MINICHIELLO **NOTIFIER'S NAME:**

CLR'S AGENCY: WASTE MGNT **NOTIFIER'S AGENCY:**

CALLER'S PHONE: (716) 223-6132 **NOTIFIER'S PHONE:**

SPILL DATE: 05/01/1995 **SPILL TIME:** 12:00 pm **DISPATCHER:**

CALL RECEIVED DATE: 05/01/1995 **RECEIVED TIME:** 12:00 pm

SPILL LOCATION

PLACE: WASTE MANAEGEMENT **COUNTY:** Erie

STREET: 191 GANSON STREET **TOWN/CITY:** Buffalo (c)

COMMUNITY: BUFFALO

CONTACT: **CONTACT PHONE:**

CONT. FACTOR: Unknown **SPILL REPORTED BY:** Responsible Party

FACILITY TYPE: Commercial/Industrial **WATERBODY:**

CALLER REMARKS:

FOUND CONTAMINATION IN PHASE 1 AND II

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
unknown petroleum	Petroleum	0.00 G	0.00 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
WASTE MANAGEMENT	425 PERINTON PARKWAY FAIRPORT NY 14450	(716) 223-6132

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RMC"
05/04/95: RMC/MINICHIELLO/PHONE TO SEND ALL REPORTS TO DEC FOR REVIEW, DUE 5/30/95.

06/20/95: RMC/RECEIVED REPORTS, WORK TO BEGIN 6/29/95.

06/29/95: RMC/EPS/AFI/HANNAKA/SITE AREAS OF CONCERN BEING OVER EXCAVATED, PBS REGISTERED TANKS TO REMAIN FOR NEW OWNER, TESTING AND DISPOSAL DUE 8/30/95.

NYSDEC SPILL REPORT FORM

DEC REGION: 9 **SPILL NUMBER:** 9501488

SPILL NAME: WASTE MANAEGEMENT **DEC LEAD:** RMCROSSE

09/20/95: RMC/JON MINICHIELLO/PHONE TO SEND REPORT BY 10/15/95.

10/27/95 RMC/FILE RECEIVED REPORT AND DISPOSAL RECEIPTS,MINOR EXCEEDANCES, NO FURTHER ACTION REQUIRED, INACTIVE, INACTIVE LETTER

10/30/95 RMC/FILE NOTE SAMPLE S14 WAS FROM STORM RECEIVER AND WAS CLEANED OUT AND NO RESAMPLE REQUIRED

PIN **T & A** **COST CENTER**

CLASS: B3 **CLOSE DATE:** 10/26/1995 **MEETS STANDARDS:** False

NYSDEC SPILL REPORT FORM

DEC REGION: 9 **SPILL NUMBER:** 9501905

SPILL NAME: G W BURNETT **DEC LEAD:** JFOTTO

CALLER NAME: MIKE FRANKS **NOTIFIER'S NAME:**

CLR'S AGENCY: DEC **NOTIFIER'S AGENCY:**

CALLER'S PHONE: (716) 851-7220 **NOTIFIER'S PHONE:**

SPILL DATE: 05/01/1995 **SPILL TIME:** 12:00 pm **DISPATCHER:**

CALL RECEIVED DATE: 05/12/1995 **RECEIVED TIME:** 7:20 am

SPILL LOCATION

PLACE: G W BURNETT **COUNTY:** Erie

STREET: 145 GANSON STREET **TOWN/CITY:** Buffalo (c)

COMMUNITY: BUFFALO

CONTACT: **CONTACT PHONE:**

CONT. FACTOR: Other **SPILL REPORTED BY:** DEC

FACILITY TYPE: Commercial/Industrial **WATERBODY:**

CALLER REMARKS:

COMPANY USING AN "ILLEGAL" STORAGE TANK

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
unknown material	Other	0.00 G	0.00 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
NONE	NY	

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "JFO"
05/12/95: COMPANY USING A 6000 GAL TRUCK TANKER AS AN ABOVE GROUND TANK. JFO CHECKED SITE, OWNER WAITING FOR NEW AST FROM LANCASTER TANK, BUFFALO FD ALSO PRESENT, NO ACTION REQUIRED.

07/11/95: JFO SITE VISIT MET WITH MR BURNETT HE RECEIVED HIS PERMIT FOR AN ABOVEGROUND TANK FROM THE CITY. HE EXPECTS DELIVERY OF TANK ANY DAY.

08/23/95: JFO TEL/CON W/MR BURNETT NEW 10K AST INSTALLED AND IN OPERATION WILL REGISTER ASAP.

NYSDEC SPILL REPORT FORM

DEC REGION: 9 **SPILL NUMBER:** 9501905

SPILL NAME: G W BURNETT **DEC LEAD:** JFOTTO

PIN **T & A** **COST CENTER**

CLASS: E6 **CLOSE DATE:** 05/12/1995 **MEETS STANDARDS:** True

NYSDEC REGION 9 TEL: May 15 95 16:10 No.001 P.08

DEC REGION#: 9
SPILL NAME: GW BURNETT
CALLER'S NAME: MIKE FRANCE
CALLER'S AGENCY: NYSDEC
CALLER'S PHONE: 716 851 7220 EXT.
SPILL NUMBER: 9501905
DEC LEAD: SFO
NOTIFIER'S NAME:
NOTIFIER'S AGENCY:
NOTIFIER'S PHONE: ( ) EXT.

SPILL DATE: 5/1/95 TIME: 1200 PM
CALL RECEIVED DATE: 5/12/95 TIME: 0720 AM
RECEIVED BY CID#: 5/12/95 -0720 349

1. Gasoline, 2. #2 Fuel, 3. #4 Fuel, 4. #6 Fuel, (5) Diesel, 6. Jet Fuel, 7. Waste Oil, 8. Non-PCB Oil, 9. PCB Oil, 10. Kerosene, 11. Unk Petrol

Material Spilled	Haz. Class	Amt Spilled	Units	Amt Recovered
1)	(Pet)/Non-Other-Unk.		Gal - Lbs	
2)	Pet-Haz-Other-Unk.		Gal - Lbs	
3)	Pet-Haz-Other-Unk		Gal - Lbs	
4)	Pet-Haz-Other-Unk.		Gal - Lbs	

SPILL LOCATION

PLACE: WEST SIDE STATION 145 GANSON STREET
STREET: 145 GANSON
TOWN: BUFFALO Co: ERIE ERIE BUFFALO
CONTACT: BOB REVERE
PHONE: 716 856 6704 EXT.

SPILLER

NAME: UNK
STREET:
CITY: STATE:
ZIP:
CONTACT:
PHONE: ( ) EXT.

SPILL CAUSE

(1) Human Error, 2 - Traffic Accident, 3 - Equipment Failure, 4 - Vandalism, 5 - Tank Test Failure*, 6 - Housekeeping, 7 - Deliberate, 8 - Abandoned Drums, 9 - Tank Failure, 10 - Tank Overfill, 11 - Other, 12 - Unknown

SPILL SOURCE

5 - Car Trailer, 6 - Passenger Vehicle, 7 - Comm Vehicle, 8 - Tank Truck, 9 - Private Dwelling, 10 - Vessel, 11 - Railroad Car, 3 - Major Fac>400,000 gal, 4 - Non-MJ Facility>1,100 gal, (1) Comm/Indust, 2 - Non Comm/Ind, 12 - Unknown

RESOURCE AFFECTED

(1) On Land, 2 - In Sewer, 3 - Groundwater, 4 - Surface Water**, 5 - All

**Waterbody:

DEC NOTIFIED BY:

1 - Responsible Party, 2 - Affected Person, 3 - Police Department, 4 - Fire Department, 5 - Tank Tester, (6) DEC, 7 - Citizen, 8 - Health Dept., 9 - Local Agency, 10 - Federal Gov't, 11 - Other

CALLER REMARKS: CONCRETE LINE LOCATED ON GREEN RIVER TANKER
ON HOT A-5 TANK.

COMPANY USING 6000-GAL. DIESEL TANKER

*PBS Number	Tank Number	Tank Size	Test Method	Leak Rate
			A-5	
			TANK.	

PRIMARY CONTACT CALLED DATE: / / TIME hrs. REACHED DATE: / / TIME hrs.
SECONDARY CONT. CALLED DATE: / / TIME hrs. FAXED BY CID#: 349

PIN #	T & A	Cost Center	ISR to Central Office / /
Status: Active/Closed/Inactive		Last Inspection 5/2/95	Penalty Y (N)
RP-CUI / /	ENF-INIT / /	NYES-COM / /	CAP / /
UST Trust Eligible Y (N)	Fleet Owner Resp. Party 1 2 3 4 5 6		Reg Close Date 5/12/95
			EDD Y/N DATA INPUT [ ]

SPILFORM.4a 1/25/95

COPY

Spill Number 9501905

Date 5/11/95

SPILL CONTINUATION SHEET

Date	Comments
	NO SPILL
5/12/95	JFO VISITED SITE. SPOKE TO OWNER GEORGE BURNETT. HE IS WAITING FOR DECIVERY OF AN AST FROM LANCASTER TANK APPROX 4-6 WEEKS. BF6 FIRE DEPT ALSO PRESENT NO FURTHER ACTION REQUIRED.

GEORGE W. BURNETT, INC.

145 GANSON STREET • BUFFALO, NEW YORK 14203 • (716) 856-8300 • FAX (716) 856-0760

May 15, 1995

RECEIVED
MAY 16 1995
NYSDEC-REG. 9
FOIL
__REL __UNREL

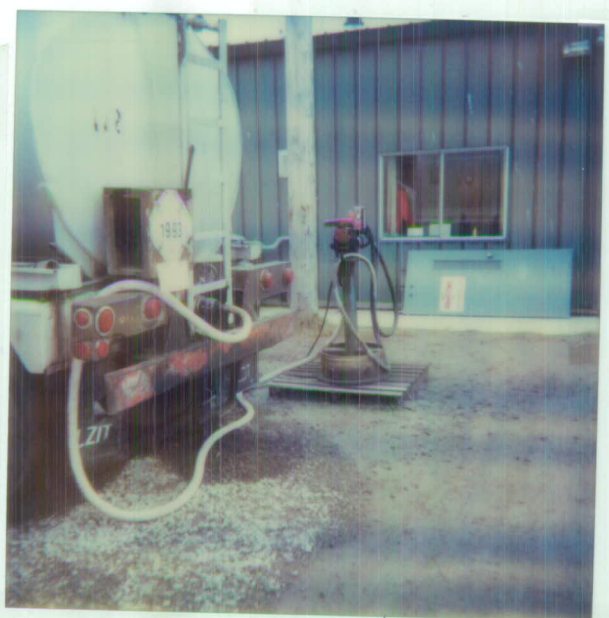
NYS Dept of Environmental Conservation
270 Michigan Avenue
Buffalo, NY 14203-2999

Attn: John F. Otto, E.E.T-I.
Bulk Storage Unit - Region 9

Subject: G.W. Burnett, Inc. - Bulk Storage Compliance

Dear Mr. Otto:

Please be advised that G.W. Burnett, Inc. has enlisted Lancaster Tanks and Steel Products of Lancaster, New York to install a portable above ground, diked fuel storage tank. Delivery and installation of this tank could be as quick as 4-6 weeks from now, however, the order cannot be sealed until we are fully aware of any restrictions placed on the tank specifications caused by the City of Buffalo ordinance. My understanding is that the Buffalo Fire Department is to furnish me with those ordinances. We anxiously await



145 GANSON
5/12/95 BFG



145 GANSON BFG
5/12/95

NYS DEC Region 9

History Records For Spill Number 9501905

06/14/95

DATE HISTORY

05/12/95 COMPANY USING A 6000 GAL TRUCK TANKER AS AN ABOVE GROUND TANK. JFO CHECKED SITE, OWNER WAITING FOR NEW AST FROM LAN CASTER TANK, BUFFALO FD ALSO PRESENT, NO ACTION REQUIRED

NYSDEC SPILL REPORT FORM

DEC REGION: 9 **SPILL NUMBER:** 9611387

SPILL NAME: GEORGE BURNETT INC. **DEC LEAD:** JFOTTO

CALLER NAME: JOHN OTTO **NOTIFIER'S NAME:**

CLR'S AGENCY: NYSDEC **NOTIFIER'S AGENCY:**

CALLER'S PHONE: **NOTIFIER'S PHONE:**

SPILL DATE: 12/16/1996 **SPILL TIME:** 1:15 pm **DISPATCHER:**

CALL RECEIVED DATE: 12/16/1996 **RECEIVED TIME:** 1:20 pm

SPILL LOCATION

PLACE: GEORGE BURNETT INC. **COUNTY:** Erie

STREET: 191 GANSON STREET **TOWN/CITY:** Buffalo (c)

COMMUNITY: BUFFALO

CONTACT: **CONTACT PHONE:**

CONT. FACTOR: Tank Overfill **SPILL REPORTED BY:** DEC

FACILITY TYPE: Commercial/Industrial **WATERBODY:**

CALLER REMARKS:

CONTAMINATED SOIL DISCOVERED AROUND FILLPORT DURING TANK REMOVAL - APPROX. 20 TONS OF CONTAM. SOIL STAGED ON PLASTIC

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
diesel	Petroleum	0.00 G	0.00 G	GW,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
GEORGE BURNETT INC.	191 GANSON STREET BUFFALO NY	ERIC BAUER (000) 856-8300

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

Prior to Sept, 2004 data translation this spill Lead_DEC Field was "JFO"
12/16/96 JFO ON SITE FOR TANK PULL (10K DIESEL) I MET W/BOB DEMERAU OF EDC (CONTRACTOR) APPROX. 20 TONS OF DIESEL CONTAM SOIL PLACED ON PLASTIC, TO BE LANDFILLED. WATER SAMP TAKEN FROM BOTTOM OF PIT AND SIDEWALL SAMP ALSO TAKEN. WILL ANALYSE FOR 8021 AND 8270. RESULTS AND DISP RECEIPTS TO FOLLOW.

01/02/96 JFO REC'D SAMPLE RESULTS FOR SIDEWALLS AND WATER AT BOTTOM OF PIT. DISPOSAL RECEIPTS TO FOLLOW.

NYSDEC SPILL REPORT FORM

DEC REGION: 9 **SPILL NUMBER:** 9611387

SPILL NAME: GEORGE BURNETT INC. **DEC LEAD:** JFOTTO

06/20/97 JFO REC'D DISPOSAL RECEIPTS. NO FURTHER ACTION REQUIRED. SPILL CLOSED

PIN	T & A	COST CENTER

CLASS: C3 **CLOSE DATE:** 06/20/1997 **MEETS STANDARDS:** True

NYSDEC SPILL REPORT FORM

DEC REGION# 9 (Buffalo) SPILL NUMBER 9611387
SPILL NAME: GEORGE BURNETT INC. DEC LEAD: J.F.O.
CALLER'S NAME: NOTIFIER'S NAME: JOHN OTTO
CALLER'S AGENCY: NOTIFIER'S AGENCY: DEC
CALLER'S PHONE: EXT. NOTIFIER'S PHONE: EXT.

SPILL DATE: 12/16/96 TIME: 13:15
CALL RECEIVED DATE: 12/16/96 TIME: 13:20 RECEIVED BY CID #: 312

	Material Spilled	Mat. Class	Am't Spilled	Units	Am't Recovered
1)	DIESEL	(Pet)-Haz-Other-Unk.	Unknown	(Gal) Lbs	0
2)		Pet-Haz-Other-Unk.		Gal - Lbs	
3)		Pet-Haz-Other-Unk.		Gal - Lbs	
4)		Pet-Haz-Other-Unk.		Gal - Lbs	

SPILL LOCATION

PLACE: GEORGE BURNETT INC.
STREET: 191 GANSON ST
T/C/V: BUFFALO CO: ERIE
CONTACT: ERIC BAUER
PHONE: (000) 856-8300 EXT.

POTENTIAL SPILLER

NAME: GEORGE BURNETT INC.
STREET: 191 GANSON ST
CITY: BUFFALO
STATE: NY ZIP:
CONTACT: ERIC BAUER
PHONE: (000) 856-8300 EXT.

SPILL CAUSE

Human Error; Traffic Accident; Equipment Failure; Vandalism; Tank Test Failure*; Housekeeping; Deliberate; Abandoned Drums; Tank Failure; (Tank Overfill); Other; Unknown

SPILL SOURCE

Gas Station; Passenger Vehicle; Comm. Vehicle; Tank Truck; Private Dwelling; Vessel; Railroad Car; Major Facility; Non-Maj Facility; (Comm/Indust); Non-Comm/Instit; Unknown

RESOURCE AFFECTED

On Land; In Sewer; (Groundwater); Surface Water**; Air

**WATERBODY:

SPILL REPORTED BY

Responsible Party; Affected Persons; Police Department; Fire Department; Tank Tester; (DEC); Citizen; Health Dept.; Local Agency; Federal Gov't; Other

CALLER REMARKS: CONTAMINATED SOIL DISCOVERED AROUND FILLPORT DURING TANK REMOVAL - APPROX. 20 TONS OF CONTAM. SOIL STAGED ON PLASTIC

*PBS Number	Tank Number	Tank Size	Test Method	Leak Rate

PRIMARY CONTACT CALLED DATE: TIME: hrs. REACHED DATE: TIME: hrs.
SECONDARY CONT. CALLED DATE: TIME: hrs. FAXED BY CID#: 196

PIN #	T & A	Cost Center	ISR to Central Office
Cleanup Ceased	Meets St'ds NO	Last Inspection	Penalty NO
RP-CUI	ENF-INIT	INVES-COM	CAP
UST Trust Eligible NO	Site: A B (C) D E	Resp. Party 1 2 (3) 4 5 6	Reg Close Date 6/20/97

Created on 12/16/96 Last Updated on 12/16/96 Is Updated? YES EDO DATA INPUT [ ]

Date Printed: 12/16/96

Dec 16 96 15:21 No.031 P.02 TEL:8185

New York State Department of Environmental Conservation
270 Michigan Avenue, Buffalo, New York 14203-2999
(716) 851-7220

John P. Cahill
Acting Commissioner

June 18, 1997

Mr. Eric Bauer
George W. Burnett, Inc.
145 Ganson Street
Buffalo, New York 14203

Dear Mr. Bauer:

Spill Number 9611387
191 Ganson Street
Buffalo
Erie County

To date, this Department has not received the disposal receipt for the contaminated soil at the above-mentioned spill site. We are requesting that this document be forwarded to us by June 27, 1997. Please note the contaminated soil must be samples and analyzed for benzene and ignitability.

If you have any questions, please contact Mr. John Otto at (716)851-7220.

Sincerely,

Francine Gallego

Francine Gallego
Environmental Engineer I

//ma

NYSDEC SPILL REPORT FORM

9611387

DEC REGION# 9 (Buffalo) SPILL NUMBER

SPILL NAME: GEORGE BURNETT INC DEC LEAD:

CALLER'S NAME: NOTIFIER'S NAME: JOHN ORR

CALLER'S AGENCY: NOTIFIER'S AGENCY: DEC

CALLER'S PHONE: EXT. NOTIFIER'S PHONE: EXT.

SPILL DATE: 12/14/96 TIME: 13:15

CALL RECEIVED DATE: 12/14/96 TIME: 13:20 RECEIVED BY CID #:

Material Spilled	Mat. Class	Am't Spilled	Units	Am't Recovered
1) DIESEL	Pet-Haz-Other-Unk.	UNK	Gal - Lbs	
2)	Pet-Haz-Other-Unk.		Gal - Lbs	
3)	Pet-Haz-Other-Unk.		Gal - Lbs	
4)	Pet-Haz-Other-Unk.		Gal - Lbs	

SPILL LOCATION

PLACE: GEORGE BURNETT INC

STREET: 191 GANSON ST.

T/C/V: BUFFALO CO: ERIE

CONTACT: ERIC BAUER

PHONE: 856 8300 EXT.

POTENTIAL SPILLER

NAME: GEORGE BURNETT INC

STREET: 191 GANSON ST.

CITY:

STATE: ZIP:

CONTACT:

PHONE: EXT.

SPILL CAUSE

Human Error	Tank Test Failure*	Tank Failure
Traffic Accident	Housekeeping	(Tank Overfill)
Equipment Failure	Deliberate	Other
Vandalism	Abandoned Drums	Unknown

SPILL SOURCE

Gas Station	Private Dwelling	Non-Maj Facility
Passenger Vehicle	Vessel	(Comm/Indust)
Comm. Vehicle	Railroad Car	Non-Comm/Instit
Tank Truck	Major Facility	Unknown

RESOURCE AFFECTED

On Land	(Groundwater)	Air
In Sewer	Surface Water**	

** WATERBODY:

SPILL REPORTED BY

Responsible Party	Tank Tester	Local Agency
Affected Persons	(DEC)	Federal Gov't
Police Department	Citizen	Other
Fire Department	Health Dept.	

CALLER REMARKS: CONTAMINATED SOIL DISCOVERED AROUND FILLPORT DURING TANK REMOVAL. APPROX 20 TONS OF CONTAM. SOIL STAGED ON PLASTIC

*PBS Number	Tank Number	Tank Size	Test Method	Leak Rate
9-014621				

PRIMARY CONTACT CALLED DATE: TIME: hrs. REACHED DATE: TIME: hrs.

SECONDARY CONT. CALLED DATE: TIME: hrs. FAXED BY CID#:

PIN #	T & A	Cost Center	ISR to Central Office
Cleanup Ceased	Meets St'ds	Last Inspection	Penalty
RP-CUI	ENF-INIT	INVES-COM	CAP
UST Trust Eligible YES	Site: A B (C) D E	Resp. Party 1 2 (3) 4 5 6	Reg Close Date

Created on Last Updated on Is Updated? EDO DATA INPUT [ ]

PrintFor (L) 2/27 96 AAA

Spill Number 96 11387

Date 12/16/96

SPILL CONTINUATION SHEET

Date	Comments
12/16/96	J.F.O. ON SITE FOR TANK PULL (10K DIESEL) MET W/BOB DEMORAE OF EDC (CONTRACTOR) APPROX. 20 TONS OF DIESEL CONTAM SOIL PLACED ON PLASTIC, TO BE LANDFILLED. WATER SAMP TAKEN FROM BOTTOM OF PIT AND SIDEWALL SOIL SAMP ALSO TAKEN. WILL ANALYSE FOR 8021 + 8270. RESULTS + DISPOSAL RECEIPTS TO FOLLOW.
1/2/97	J.F.O. REC'D SAMPLE RESULTS. DISPOSAL RECEIPTS TO FOLLOW.
1/3/97	J.F.O. TEL/CON W/ERIC BAUER OF BURNETT TRK. SOIL STILL ON SITE WILL FORWARD DISP. RECEIPTS WHEN SOIL IS LANDFILLED.
6/20/97	J.F.O. RCCD DISPOSAL RECEIPTS - SAM Closed

GEORGE W. BURNETT, INC.

145 GANSON STREET • BUFFALO, NEW YORK 14203 • (716) 856-8300 • FAX (716) 856-0760

TOLL FREE NUMBER: 1-800-422-2855

Lake Erie Transportation Company, Inc.

145 GANSON STREET, BUFFALO, NEW YORK 14203 (716) 856-8300 FAX (716) 856-0760

TRANSMITTAL LETTER - FAX TRANSMISSION (716) 856-0760

DATE 6-20-97

ATTENTION: FRANCINE GALLEGO

COMPANY: N.Y.S. DEC

NO. OF PAGES 3 INCLUDING THIS PAGE

FROM: ERIC BAUER

COMPANY: GEORGE W. BURNETT INC.

MESSAGE: RE: SPILL NUMBER 9611387

NOTE: IF YOU DID NOT RECEIVE ALL THE PAGES OR IF QUALITY IS NOT SUITABLE. PLEASE CALL 856-8300 OR 800-422-2855 AS SOON AS POSSIBLE. THANK YOU.

Lake View Landfill
P.O. Box 10904
Erie, PA 16514
(814) 825-8588
(800) 394-3455
Office Fax: (814) 825-4338
Lab Fax: (814) 825-4688

33

PADER Site Permit No. 100329

Manifest 122057

NON-HAZARDOUS RESIDUAL WASTE MANIFEST

GENERATOR INFORMATION

1. Generator of Waste (must be filled in by Generator): G.W. BURNETT INC.

Company Address: 145 (number) GANSON ST. (street) BUFFALO (city) N.Y. (state) 14203 (zip code)

Pick-up Address: 189 (number) GANSON ST. (street) BUFFALO (city) N.Y. (state) 14203 (zip code)

Generator Telephone Number: 716-856-8300

Name of Waste: CONTAMINATED SOIL

This manifest represents a non-hazardous waste as per E.P.A. and Pennsylvania D.E.R. regulations.

Estimated Tons: 22 Tons Special handling instructions, if any:

This is to certify that the above named material is properly classified, described, packaged, marked, and labeled is in proper condition for transportation according to applicable state and federal law. The waste was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

Signature: E. J. Burnett V.P. (Name and Title) Date: 5-20-97

TRANSPORTER INFORMATION

2. Hauler of Waste (must be filled in by Hauler): BROWN'S GENERAL DUMP TRUCK SER. INC

Hauler Address: 3340 (number) NORTH BENZING RD. (street) ORCHARD PARK (city) NY (state) 14127 (zip code)

Pick-up Date: 5-20-97 Truck Number: B-12 Vehicle License Number:

The above described waste was picked up and hauled by me to the disposal facility named below. I certify that the foregoing is true and correct to the best of my knowledge.

Driver Signature: Kevin Hewitt (Name and Title) Date: 5-20-97

DISPOSAL SITE INFORMATION

3. Company Name: Lake View Landfill

Disposal Site Location: 851 Robison Road, East, Erie, PA 16509

Waste subject to this manifest was delivered by the above hauler to this disposal facility and was accepted, except as noted in the discrepancy indication space below.

Disposal Date: 5/20/97 Total Tons: 17.43

Discrepancy Indication Space:

Signature of authorized agent: [illegible] (Name and Title)

White - Landfill Canary - Generator Final Pink - Hauler Goldenrod - Generator Original

Columbia Analytical Services INC.

Please Remit to: P.O. Box 4700 Unit 06
Portland, OR 97208-4700
(360) 577-7222 • Fax (360) 425-0098

T.I.N. 91-1342590

INVOICE COPY

Bill To:

Environmental & Demo. Con., Inc
8243 Erie Road

Angola, NY 14006

Invoice No	:	800082
Invoice Date	:	01/15/97
ISR Num	:	
Location Code	:	
Quotation Number	:	
Project No.	:	
Project Name	:	

Submission No.	:	9612000298
Account No.	:	EDC
Customer No.	:	8055880
P.O. Number	:	
Contract No.	:	
Reference	:	GW BURNETT INC
Report To	:	Mr. David Damerau
Client Name	:	Environmental & Demo. Con.,I
Project Chemist	:	Janice Jaeger
Samples Received	:	12/19/96
Facsimile Date	:	12/27/96

Method/Analyte	Description		Qty.	Unit Price	Amount
Matrix: SOIL/SEDIMENT					
ANALYTICAL TEST GROUP					
	TCLP 8270 - STARS LIST		3.00	$240.00	$720.00
	TCLP 8021 - STARS LIST		3.00	$140.00	$420.00
	5 DAY TURN AROUND	(25%)			$285.00
METALS					
PB	LEAD BY ICP 6010/200.7		2.00	$25.00	$50.00
	5 DAY TURN AROUND	(25%)			$12.50
SUB CONTRACTED ANALYSIS					
9020.A	TOX SUBCONTRACTED		2.00	$135.00	$270.00
	5 DAY TURN AROUND	(25%)			$67.50
WET CHEMISTRY					
160.0	PERCENT SOLIDS		2.00		$0.00
418.1	TOTAL PETROLEUM HYDROCARBON BY IR		2.00	$45.00	$90.00
	5 DAY TURN AROUND	(25%)			$22.50
$ CERTIFICATION FEE					$46.50

TERMS: NET 30 DAYS

INVOICE TOTAL: $1,984.00

THANK YOU
invrep

Home Office: 1317 South 13th Avenue • P.O. Box 479 • Kelso, WA 98626 • (360) 577-7222
Branch Laboratories: 2059 Junction Ave. • San Jose, CA 95131 • (408) 437-2400
18912 N. Creek Parkway, Ste. 118 • Bothell, WA 98011-8016 • (206) 486-6989
4600 Business Park Blvd., Ste. 32 • Anchorage, AK 99503 • (907) 563-0846
3902 E. University Dr., Ste. D2 • Phoenix, AZ 85034 • (602) 437-2001
6925 Canoga Ave. • Canoga Park, CA 91303-3102 • (818) 592-6660
8940 Univention Road • Jacksonville, FL 32256 • (904) 739-2277
700 Exchange St. • Rochester, NY 14608 • (716) 654-0810

Terms: Net 30 days, 1.5% interest per month (18 % per year) charge on past due accounts.

ENVIRONMENTAL & DEMOLITION CONSULTANTS, INC.

EDC

9611387

Florida Office
2401 NE 37th Street
Fort Lauderdale, FL 33308
Office (954) 561-0368
Fax (800) 484-8648 # 0545

New York Office
8243 Erie Road
Angola, NY 14006
Office (716) 549-2049
Fax (716) 549-7747
Pager (800) 961-5232
Respond to: ☑

RECEIVED
JAN 0 2 1997
NYSDEC-REG.9
FOIL
REL UNREL

DECEMBER 30, 1996

NYSDEC
270 MICHIGAN AVE.
BUFFALO, NY 14203-2999

RE: TANK REMOVAL G W BURNETT INC (191 GANSON ST.)

SIRS:

PLEASE FIND THE ENCLOSED ANALYTICALS AND CHAIN OF CUSTODY FOR THE ABVOVE PROJECT. IF YOU HAVE ANY QUESTION PLEASE FEEL FREE TO CALL OUR OFFICE.

THANK YOU.

SINCERELY YOURS,

DAVID F. DAMERAU

DFD:MLK
ENCLOSURERS

Columbia Analytical Services Inc.

1-800-695-7222

700 Exchange St. Rochester, N.Y. 14608 Tel: (716) 454-6810 FAX: (716) 454-6825

Submission #: 9612000298

LABORATORY REPORT-

Client Name:	Environmental & Demo. Con.,Inc	PO Number:	
Address:	8243 Erie Road	Project Site:	GW BURNETT INC
	Angola, NY 14006	Date faxed :	
Phone:	716-549-2049	Lab Director:	Michael R. Perry
FAX:	716-549-7747		
Attention:	Mr. David Damerau		

SAMPLE INFORMATION AND TEST RESULTS

Sample ID: 122083
Client ID LEFT WALL
Matrix: SOIL/SEDIMENT
Date Sampled: 12/18/96
Date Received: 12/19/96
Date Analyzed: 12/26/96
Date Reported: 12/27/96
Percent Solid: 82.9 %

	Result	Det. Limit	Dry Weight Units
TOTAL PETROLEUM HYDROCARBONS	103	39.8	UG/G (PPM)

CAS Lab ID# for State Certifications:
NY ID# in Rochester: 10145 NJ ID# in Rochester: 73004
CT ID# in Rochester: PH0556 RI ID# in Rochester: 158
MA ID# in Rochester: M-NY032

WETCHEM-1

Columbia Analytical Services Inc.

1-800-695-7222

700 Exchange St. Rochester, N.Y. 14608 Tel: (716) 454-6810 FAX: (716) 454-6825

Submission #: 9612000298

LABORATORY REPORT- 200.7

Client Name:	Environmental & Demo. Con.,Inc	PO Number:	
Address:	9243 Erie Road	Project Site:	GW BURNETT INC
	Angola, NY 14006	Date faxed :	
Phone:	716-549-2049	Lab Director:	Michael K. Perry
FAX:	716-549-7747		
Attention:	Mr. David Damerau		

SAMPLE INFORMATION AND TEST RESULTS

Sample ID: 122083
Client ID LEFT WALL
Matrix: SOIL/SEDIMENT
Date Sampled: 12/18/96
Date Received: 12/19/96
Date Analyzed: 12/23/96
Date Reported: 12/27/96
Percent Solid: 82.9 %

	Result	Det. Limit	Dry Weight Units
LEAD	22.2	6.03	UG/G (PPM)

CAS Lab ID# for State Certifications:
NY ID# in Rochester: 10145 NJ ID# in Rochester: 73004
CT ID# in Rochester: PH0556 RI ID# in Rochester: 158
MA ID# in Rochester: M-NY032

METALS-1

Columbia Analytical Services Inc.

1-800-695-7222

700 Exchange St. Rochester, N.Y. 14608 Tel: (716) 454-6810 FAX: (716) 454-6825

Submission #: 9612000298

LABORATORY REPORT-

Client Name:	Environmental & Demo. Con.,Inc	PO Number:	
Address:	8243 Erie Road	Project Site:	GW BURNETT INC
	Angola, NY 14006	Date faxed :	
Phone:	716-549-2049	Lab Director:	Michael K. Perry
FAX:	716-549-7747		
Attention:	Mr. David Damerau		

SAMPLE INFORMATION AND TEST RESULTS

Sample ID: 122083
Client ID LEFT WALL
Matrix: SOIL/SEDIMENT
Date Sampled: 12/18/96
Date Received: 12/19/96
Date Analyzed: 12/26/96
Date Reported: 12/27/96
Percent Solid: 82.9 %

	Result	Det. Limit	Dry Weight Units
TOX *	183	10.0	MG/KG (PPM)

CAS Lab ID# for State Certifications:
NY ID# in Rochester: 10145 NJ ID# in Rochester: 73004
CT ID# in Rochester: PH0556 RI ID# in Rochester: 158
MA ID# in Rochester: M-NY032

SUB-CNTRCT-1

Columbia Analytical Services Inc

1-800-695-7222

700 Exchange St. Rochester N.Y. 14608 Tel: (716) 454-6810 FAX: (716) 454-6825

Submission #: 9612000298

LABORATORY REPORT- 8021 TCLP STARS LIST

Client Name:	Environmental & Demo. Con.,Inc	PO Number:	
Address:	8243 Erie Road	Project Site:	GW BURNETT INC
	Angola, NY 14006	Date faxed :	
Phone:	716-549-2049	Lab Director:	Michael K. Perry
FAX:	716-549-7747		
Attention:	Mr. David Damerau		

SAMPLE INFORMATION AND TEST RESULTS

Sample ID: 122083
Client ID: LEFT WALL
Matrix: SOIL/SEDIMENT
Date Received: 12/19/96
Date Analyzed: 12/24/96
Date Reported: 12/27/96

	Result	Det. Limit	Units
BENZENE	<	0.70	UG/L (PPB)
SEC-BUTYLBENZENE	<	1.0	UG/L (PPB)
TERT-BUTYLBENZENE	<	1.0	UG/L (PPB)
ETHYLBENZENE	<	1.0	UG/L (PPB)
ISOPROPYLBENZENE	<	1.0	UG/L (PPB)
P-ISOPROPYLTOLUENE	<	1.0	UG/L (PPB)
NAPHTHALENE	<	1.0	UG/L (PPB)
N-PROPYLBENZENE	<	1.0	UG/L (PPB)
TOLUENE	<	1.0	UG/L (PPB)
1,2,4-TRIMETHYLBENZENE	<	1.0	UG/L (PPB)
1,3,5-TRIMETHYLBENZENE	<	1.0	UG/L (PPB)
O-XYLENE	<	2.0	UG/L (PPB)
M+P-XYLENE	<	2.0	UG/L (PPB)
N-BUTYLBENZENE	<	1.0	UG/L (PPB)
METHYL-TERT-BUTYLETHER	<	1.0	UG/L (PPB)

Data reported following TCLP Toxicity Characteristic Leaching Procedure.
Federal Register, Part 261, Vol. 55, No. 126, June 29, 1990.

CAS Lab ID# for State Certifications:
NY ID# in Rochester: 10145 NJ ID# in Rochester: 73004
CT ID# in Rochester: PH0556 RI ID# in Rochester: 158
MA ID# in Rochester: M-NY032

12/27/96 15:49 7184154825 CAS ROCHESTER 005/011

Columbia Analytical Services Inc

1-800-695-7222

700 Exchange St. Rochester N.Y. 14608 Tel: (716) 454-6810 FAX: (716) 454-6825

Submission #: 9612000298

LABORATORY REPORT- 8270 TCLP STARS LIST

Client Name:	Environmental & Demo. Con.,Inc	PO Number:	
Address:	8263 Erie Road	Project Site:	GW BURNETT INC
	Angola, NY 14006	Date faxed :	
Phone:	716-549-2049	Lab Director:	Michael K. Perry
FAX:	716-549-7747		
Attention:	Mr. David Damerau		

SAMPLE INFORMATION AND TEST RESULTS

Sample ID: 122083
Client ID: LEFT WALL
Matrix: SOIL/SEDIMENT
Date Sampled: 12/18/96
Date Received: 12/19/96
Date Analyzed: 12/26/96
Date Reported: 12/27/96

NYSDEC PETROLEUM CONTAMINATED SOIL GUIDANCE LIST (STARS LIST)

	Result	Det. Limit	Units
ANTHRACENE	<	5.0	UG/L (PPB)
BENZO(A)PYRENE	<	5.0	UG/L (PPB)
BENZO(G,H,I)PERYLENE	<	5.0	UG/L (PPB)
CHRYSENE	<	5.0	UG/L (PPB)
DIBENZO(A,H)ANTHRACENE	<	5.0	UG/L (PPB)
FLUORENE	<	5.0	UG/L (PPB)
INDENO(1,2,3-CD)PYRENE	<	5.0	UG/L (PPB)
ACENAPHTHENE	<	5.0	UG/L (PPB)
BENZO(A)ANTHRACENE	<	5.0	UG/L (PPB)
BENZO(B)FLUORANTHENE	<	5.0	UG/L (PPB)
BENZO(K)FLUORANTHENE	<	5.0	UG/L (PPB)
FLUORANTHENE	<	5.0	UG/L (PPB)
NAPHTHALENE	<	5.0	UG/L (PPB)
PHENANTHRENE	<	5.0	UG/L (PPB)
PYRENE	<	5.0	UG/L (PPB)

Data reported following TCLP Toxicity Characteristic Leaching Procedure.
Federal Register, Part 261, Vol. 55, No. 126, June 29, 1990.

CAS Lab ID# for State Certifications:
NY ID# in Rochester: 10145 NJ ID# in Rochester: 73004
CT ID# in Rochester: PH0556 RI ID# in Rochester: 158
MA ID# in Rochester: M-NY032

12/27/96 15:50 ☎7161548825 CAS ROCHESTER 008/014

Columbia Analytical Services Inc.

1-800-695-7222

700 Exchange St. Rochester, N.Y. 14608 Tel: (716) 454-6810 FAX: (716) 454-6825

Submission #: 9612000298

LABORATORY REPORT- 200.7

Client Name:	Environmental & Demo. Con.,Inc	PO Number:	
Address:	8243 Erie Road	Project Site:	GW BURNETT INC
	Angola, NY 14006	Date faxed :	
Phone:	716-549-2049	Lab Director:	Michael K. Perry
FAX:	716-549-7747		
Attention:	Mr. David Damerau		

SAMPLE INFORMATION AND TEST RESULTS

Sample ID: 122085
Client ID RIGET WALL
Matrix: SOIL/SEDIMENT
Date Sampled: 12/18/96
Date Received: 12/19/96
Date Analyzed: 12/23/96
Date Reported: 12/27/96
Percent Solid: 74.9 %

	Result	Det. Limit	Dry Weight Units
LEAD	25.1	6.68	UG/G (PPM)

CAS Lab ID# for State Certifications:
NY ID# in Rochester: 10145 NJ ID# in Rochester: 73004
CT ID# in Rochester: PH0556 RI ID# in Rochester: 158
MA ID# in Rochester: M-NY032

12/27/96 15:50 ☎7181548825 CAS ROCHESTER 007/011

Columbia Analytical Services Inc.

1-800-695-7222

700 Exchange St. Rochester, N.Y. 14608 Tel: (716) 454-6810 FAX: (716) 454-6825

Submission #: 9612000298

LABORATORY REPORT-

Client Name:	Environmental & Demo. Con.,Inc	PO Number:	
Address:	8243 Erie Road	Project Site:	GW BURNETT INC
	Angola, NY 14006	Date faxed :	
Phone:	716-549-2049	Lab Director:	Michael K. Perry
FAX:	716-549-7747		
Attention:	Mr. David Damerau		

SAMPLE INFORMATION AND TEST RESULTS

Sample ID: 122085
Client ID RIGHT WALL
Matrix: SOIL/SEDIMENT
Date Sampled: 12/18/96
Date Received: 12/19/96
Date Analyzed: 12/26/96
Date Reported: 12/27/96
Percent Solid: 74.9 %

	Result	Det. Limit	Dry Weight Units
TOTAL PETROLEUM HYDROCARBONS	<	44.1	UG/G (PPM)

CAS Lab ID# for State Certifications:
NY ID# in Rochester: 10145 NJ ID# in Rochester: 73004
CT ID# in Rochester: PH0556 RI ID# in Rochester: 158
MA ID# in Rochester: M-NY032

WETCHEM-1

12/27/96 15:50 7184548825 CAS ROCHESTER 008/014

Columbia Analytical Services Inc.

1-800-695-7222

700 Exchange St. Rochester, N.Y. 14608 Tel: (716) 454-6810 FAX: (716) 454-6825

Submission #: 9612000298

LABORATORY REPORT-

Client Name:	Environmental & Demo. Con.,Inc	PO Number:	
Address:	8243 Erie Road	Project Site:	GW BURNETT INC
	Angola, NY 14006	Date faxed :	
Phone:	716-549-2049	Lab Director:	Michael K. Perry
FAX:	716-549-7747		
Attention:	Mr. David Damerau		

SAMPLE INFORMATION AND TEST RESULTS

Sample ID: 122085
Client ID RIGHT WALL
Matrix: SOIL/SEDIMENT
Date Sampled: 12/18/96
Date Received: 12/19/96
Date Analyzed: 12/26/96
Date Reported: 12/27/96
Percent Solid: 74.9 %

	Result	Det. Limit	Dry Weight Units
TOX *	2140	10.0	MG/KG (PPM)

CAS Lab ID# for State Certifications:
NY ID# in Rochester: 10145 NC ID# in Rochester: 73004
CT ID# in Rochester: PH0556 RI ID# in Rochester: 158
MA ID# in Rochester: M-NY032

SUB-CNTRCT-1

Columbia Analytical Services Inc

1-800-695-7222

700 Exchange St. Rochester N.Y. 14608 Tel: (716) 454-6810 FAX: (716) 454-6825

Submission #: 9612000298

LABORATORY REPORT- 8021 TCLP STARS LIST

Client Name:	Environmental & Demo. Con.,Inc	PO Number:	
Address:	8243 Erie Road	Project Site:	GW BURNETT INC
	Angola, NY 14006	Date faxed :	
Phone:	716-549-2049	Lab Director:	Michael K. Perry
FAX:	716-549-7747		
Attention:	Mr. David Damerau		

SAMPLE INFORMATION AND TEST RESULTS

Sample ID: 122085
Client ID: RIGHT WALL
Matrix: SOIL/SEDIMENT
Date Received: 12/19/96
Date Analyzed: 12/24/96
Date Reported: 12/27/96

	Result	Det. Limit	Units
BENZENE	<	0.70	UG/L (PPB)
SEC-BUTYLBENZENE	<	1.0	UG/L (PPB)
TERT-BUTYLBENZENE	<	1.0	UG/L (PPB)
ETHYLBENZENE	<	1.0	UG/L (PPB)
ISOPROPYLBENZENE	<	1.0	UG/L (PPB)
P-ISOPROPYLTOLUENE	<	1.0	UG/L (PPB)
NAPHTHALENE	<	1.0	UG/L (PPB)
N-PROPYLBENZENE	<	1.0	UG/L (PPB)
TOLUENE	<	1.0	UG/L (PPB)
1,2,4-TRIMETHYLBENZENE	<	1.0	UG/L (PPB)
1,3,5-TRIMETHYLBENZENE	<	1.0	UG/L (PPB)
O-XYLENE	<	2.0	UG/L (PPB)
M+P-XYLENE	<	2.0	UG/L (PPB)
N-BUTYLBENZENE	<	1.0	UG/L (PPB)
METHYL-TERT-BUTYLETHER	<	1.0	UG/L (PPB)

Data reported following TCLP Toxicity Characteristic Leaching Procedure.
Federal Register, Part 261, Vol. 55, No. 126, June 29, 1990.

CAS Lab ID# for State Certifications:
NY ID# in Rochester: 10145 NJ ID# in Rochester: 73004
CT ID# in Rochester: PE0556 RI ID# in Rochester: 158
MA ID# in Rochester: M-NY032

12/27/96 15:51 7168549825 CAS ROCHESTER 010/011

Columbia Analytical Services Inc

1-800-695-7222

700 Exchange St. Rochester N.Y. 14608 Tel: (716) 454-6810 FAX: (716) 454-6825

Submission #: 9612000298

LABORATORY REPORT- 8270 TCLP STARS LIST

Client Name:	Environmental & Demo. Con.,Inc	PO Number:	
Address:	8243 Erie Road Angola, NY 14006	Project Site:	GW BURNETT INC
		Date faxed :	
Phone:	716-549-2049	Lab Director:	Michael K. Perry
FAX:	716-549-7747		
Attention:	Mr. David Damerau		

SAMPLE INFORMATION AND TEST RESULTS

Sample ID: 122085
Client ID: RIGHT WALL
Matrix: SOIL/SEDIMENT
Date Sampled: 12/18/96
Date Received: 12/19/96
Date Analyzed: 12/26/96
Date Reported: 12/27/96

NYSDEC PETROLEUM CONTAMINATED SOIL GUIDANCE LIST (STARS LIST)

	Result	Det. Limit	Units
ANTHRACENE	<	5.0	UG/L (PPB)
BENZO(A)PYRENE	<	5.0	UG/L (PPB)
BENZO(G,H,I)PERYLENE	<	5.0	UG/L (PPB)
CHRYSENE	<	5.0	UG/L (PPB)
DIBENZO(A,H)ANTHRACENE	<	5.0	UG/L (PPB)
FLUORENE	<	5.0	UG/L (PPB)
INDENO(1,2,3-CD)PYRENE	<	5.0	UG/L (PPB)
ACENAPHTHENE	<	5.0	UG/L (PPB)
BENZO(A)ANTHRACENE	<	5.0	UG/L (PPB)
BENZO(B)FLUORANTHENE	<	5.0	UG/L (PPB)
BENZO(K)FLUORANTHENE	<	5.0	UG/L (PPB)
FLUORANTHENE	<	5.0	UG/L (PPB)
NAPHTHALENE	<	5.0	UG/L (PPB)
PHENANTHRENE	<	5.0	UG/L (PPB)
PYRENE	<	5.0	UG/L (PPB)

Data reported following TCLP Toxicity Characteristic Leaching Procedure.
Federal Register, Part 261, Vol. 55, No. 126, June 29, 1990.

CAS Lab ID# for State Certifications:
NY ID# in Rochester: 10145 NJ ID# in Rochester: 73004
CT ID# in Rochester: PH0556 RI ID# in Rochester: 158
MA ID# in Rochester: M-NY032

12/27/96 15:52 7185154825 CAS ROCHESTER 011/011

Columbia Analytical Services Inc

1-800-695-7222

700 Exchange St. Rochester N.Y. 14608 Tel: (716) 454-6810 FAX: (716) 454-6825

Submission #: 9612000298

LABORATORY REPORT- 8021 TCLP STARS LIST

Client Name:	Environmental & Demo. Con.,Inc	PO Number:	
Address:	8243 Erie Road	Project Site:	GW BURNETT INC
	Angola, NY 14006	Date faxed :	
Phone:	716-549-2049	Lab Director:	Michael K. Perry
FAX:	716-549-7747		
Attention:	Mr. David Damerau		

SAMPLE INFORMATION AND TEST RESULTS

Sample ID: 122088
Client ID: BOTTOM
Matrix: WATER
Date Received: 12/19/96
Date Analyzed: 12/24/96
Date Reported: 12/27/96

	Result	Det. Limit	Units
BENZENE	<	0.70	UG/L (PPB)
SEC-BUTYLBENZENE	2.9	1.0	UG/L (PPB)
TERT-BUTYLBENZENE	<	1.0	UG/L (PPB)
ETHYLBENZENE	3.2	1.0	UG/L (PPB)
ISOPROPYLBENZENE	1.8	1.0	UG/L (PPB)
P-ISOPROPYLTOLUENE	4.1	1.0	UG/L (PPB)
NAPHTHALENE	10	1.0	UG/L (PPB)
N-PROPYLBENZENE	1.6	1.0	UG/L (PPB)
TOLUENE	<	1.0	UG/L (PPB)
1,2,4-TRIMETHYLBENZENE	25	1.0	UG/L (PPB)
1,3,5-TRIMETHYLBENZENE	5.5	1.0	UG/L (PPB)
O-XYLENE	7.5	2.0	UG/L (PPB)
M+P-XYLENE	6.8	2.0	UG/L (PPB)
N-BUTYLBENZENE	15	1.0	UG/L (PPB)
METHYL-TERT-BUTYLETHER	<	1.0	UG/L (PPB)

Data reported following TCLP Toxicity Characteristic Leaching Procedure.
Federal Register, Part 261, Vol. 55, No. 126, June 29, 1990.

CAS Lab ID# for State Certifications:
NY ID# in Rochester: 10145 NJ ID# in Rochester: 73004
CT ID# in Rochester: PH0556 RI ID# in Rochester: 158
MA ID# in Rochester: M-NY032

12/27/96 15:52 7184548825 CAS ROCHESTER 012/014

Columbia Analytical Services Inc

1-800-695-7222

700 Exchange St. Rochester N.Y. 14608 Tel: (716) 454-6810 FAX: (716) 454-6825

Submission #: 9612000298

LABORATORY REPORT- 8270 TCLP STARS LIST

Client Name:	Environmental & Demo. Con.,Inc	PO Number:	
Address:	8243 Erie Road	Project Site:	GW BURNETT INC
	Angola, NY 14006	Date faxed :	
Phone:	716-549-2049	Lab Director:	Michael K. Perry
FAX:	716-549-7747		
Attention:	Mr. David Damerau		

SAMPLE INFORMATION AND TEST RESULTS

Sample ID: 122088
Client ID: BOTTOM
Matrix: WATER
Date Sampled: 12/18/96
Date Received: 12/19/96
Date Analyzed: 12/26/96
Date Reported: 12/27/96

NYSDEC PETROLEUM CONTAMINATED SOIL GUIDANCE LIST (STARS LIST)

	Result	Det. Limit	Units
ANTHRACENE	<	5.0	UG/L (PPB)
BENZO(A)PYRENE	<	5.0	UG/L (PPB)
BENZO(G,H,I)PERYLENE	<	5.0	UG/L (PPB)
CHRYSENE	<	5.0	UG/L (PPB)
DIBENZO(A,H)ANTHRACENE	<	5.0	UG/L (PPB)
FLUORENE	7.2	5.0	UG/L (PPB)
INDENO(1,2,3-CD)PYRENE	<	5.0	UG/L (PPB)
ACENAPHTHENE	<	5.0	UG/L (PPB)
BENZO(A)ANTHRACENE	<	5.0	UG/L (PPB)
BENZO(B)FLUORANTHENE	<	5.0	UG/L (PPB)
BENZO(K)FLUORANTHENE	<	5.0	UG/L (PPB)
FLUORANTHENE	<	5.0	UG/L (PPB)
NAPHTHALENE	7.6	5.0	UG/L (PPB)
PHENANTHRENE	6.2	5.0	UG/L (PPB)
PYRENE	<	5.0	UG/L (PPB)

Data reported following TCLP Toxicity Characteristic Leaching Procedure.
Federal Register, Part 261, Vol. 55, No. 126, June 29, 1990.

CAS Lab ID# for State Certifications:
NY ID# in Rochester: 10145 NJ ID# in Rochester: 73004
CT ID# in Rochester: PH0556 RI ID# in Rochester: 158
MA ID# in Rochester: M-NY032

12/27/96 15:50 ☎7164541882S CAS ROCHESTER 013/014

COLUMBIA ANALYTICAL SERVICES, INC.
700 Exchange Street, Rochester, New York 14608
(716) 454-6810 • FAX (716) 454-6825

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

(800) 695-7222

DATE 12-17 PAGE ___ OF ___

PROJECT NAME B W Burnett Inc

PROJECT MANAGER/CONTACT DAVID DAMERAU

COMPANY/ADDRESS [redacted] EDC

8243 ERIE RD, Angola, NY 14006

TEL (716) 549-2049 FAX (716) 549-7747

SAMPLER'S SIGNATURE David Damerau

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX	# OF CONTAINERS	GC/MS VOA's ☐ 8260 ☐ 624	GC/MS SVOA's ☐ 8270A ☐ 625	GC VOA's ☐ 8010/8020 ☐ 601/602	PESTICIDES/PCB's ☐ 8080 ☐ 608	STARS LIST 8021 VOA's ☐ TOTAL ☐ TCLP 1311 $59	STARS LIST 8270 SVOA's ☐ TOTAL ☐ TCLP 1311 $84	TCLP ☐ METALS ☐ VOA's ☐ SVOA's ☐ H/P	WASTE CHARACTERIZATION ☐ React ☐ Corros. ☐ Ignit.	METALS, TOTAL (LIST BELOW)	METALS, DISSOLVED (LIST BELOW)	Tox	TPH - 418.1	TOTAL LEAD	PRESERVATION pH < 2	pH > 12	Other
left wall	12-16		122083	soil						X	X					X	X	X			
right wall	12-16		122085	soil						X	X					X	X	X			
Bottom	12-16		122088	Water						X	X										

RELINQUISHED BY:
Signature: Marcia Kozlowski
Printed Name: MARCIA KOZLOWSKI
Firm: EDC
Date/Time: 12-17-96

RECEIVED BY:
Signature: Tom Hastings
Printed Name: Tom Hastings
Firm: EDC
Date/Time: 12/19/96 09:20

RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

TURNAROUND REQUIREMENTS
___ 24 hr. ___ 48 hr. ___ 5 day
___ Standard (10-15 working days)
___ Provide Verbal Preliminary Results
___ Provide FAX Preliminary Results
Requested Report Date ___

REPORT REQUIREMENTS
X 1. Routine Report
___ 2. Routine Rep. w/CASE Narrative
___ 3. EPA Level III Validatable Package
___ 4. N.J. Reduced Deliverables Level IV
___ 5. NY ASP/CLP Deliverables
___ 6. Site specific QC

INVOICE INFORMATION:
P.O. #
Bill To: EDC
8243 Erie Rd
Angola, NY 14006

SAMPLE RECEIPT:
Shipping Via:
Shipping #:
Temperature:
Submission No: 12-298

SPECIAL INSTRUCTIONS/COMMENTS:
METALS dll 12/27
ORGANICS: ☐ TCL ☐ PPL ☐ AE Only ☐ BN Only ☐ Special List

Temp 5.9°c

65 RAMAPO VALLEY ROAD
MAHWAH, NJ 07430
201-512-3292
FAX 201-512-3362

435 LAWRENCE BELL DR.
AMHERST, NY 14221
716-634-0454
FAX 716-634-0019

014/014
CAS ROCHESTER
7161548823
15:53
12/27/96

RECEIVED
JAN 0 2 1997
NYSDEC-REG. 9
FOIL
REL UNREL

NYS DEC Region 9
DEC REMARKS For Spill Number: 9611387
Date Printed: 06/20/97

12/16/96 JFO ON SITE FOR TANK PULL (10K DIESEL) I MET W/BOB DEMERAU OF EDC (CONTRACTOR) APPROX. 20 TONS OF DIESEL CONTAM SOIL PLACED ON PLASTIC, TO BE LANDFILLED. WATER SAMP TAKEN FROM BOTTOM OF PIT AND SIDEWALL SAMP ALSO TAKEN. WILL ANALYSE FOR 8021 AND 8270. RESULTS AND DISP RECEIPTS TO FOLLOW.

01/02/96 JFO REC'D SAMPLE RESULTS FOR SIDEWALLS AND WATER AT BOTTOM OF PIT. DISPOSAL RECEIPTS TO FOLLOW.

06/20/97 JFO REC'D DISPOSAL RECEIPTS. NO FURTHER ACTION REQUIRED. SPILL CLOSED

NYSDEC SPILL REPORT FORM

DEC REGION: 9 **SPILL NUMBER:** 1505539

SPILL NAME: RAILROAD CROSSING/ GANSON ST **DEC LEAD:** RJJONAK

CALLER NAME: TRENT PAGE **NOTIFIER'S NAME:** TRENT PAGE

CLR'S AGENCY: CSX HAZ MAT **NOTIFIER'S AGENCY:** CSX HAZ MAT

CALLER'S PHONE: 800-232-0144 **NOTIFIER'S PHONE:** 800-232-0144

SPILL DATE: 08/23/2015 **SPILL TIME:** 12:47 pm **DISPATCHER:**

CALL RECEIVED DATE: 08/23/2015 **RECEIVED TIME:** 12:47 pm RJKOWALS

SPILL LOCATION

PLACE: RAILROAD CROSSING/ GANSON ST **COUNTY:** Erie

STREET: 191 GANSON ST. **TOWN/CITY:** Buffalo (c)

COMMUNITY: BUFFALO

CONTACT: MIKE BETHAGE **CONTACT PHONE:** 716-861-0269

CONT. FACTOR: Equipment Failure **SPILL REPORTED BY:** Other

FACILITY TYPE: Commercial Vehicle **WATERBODY:**

CALLER REMARKS:

Tractor trailer broke down on tracks. Lost 8-15 gallons. still on tracks. Buff FD on scene. CSX contractor en route

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
diesel	Petroleum	8.00 G	8.00 G	Imp Surf,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
CSX TRANSPORTAION	1836 BROADWAY BUFFALO NY 14205	MIKE BETHAGE 716-861-0269

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

8/23/2015: RJJ AT SITE AT 1315... A NAPA TRANSPORTATION TRACTOR TRAILER RUPTURE IT'S 30 GALS. REFFER FUEL TANK,WHILE CROSSING OVER THE CSX TRACKS ACROSS 191 GANSON ST.,IN THE CITY OF BUFFALO,CAUSING IT TO LEAK-OUT ~8 GALS. OF DIESEL FUEL,NEAR THE RAILROAD TRACKS AND ON THE STREET...SINCE THIS IS ON CSX'S RIGHT-OF-WAY,THEY HAVE HIRED EP&S of VERMONT TO CLEAN-UP AND DISPOSE ALL THE SPILL MATERIAL WHICH THE BUFFALO FIRE DEPT. AND THEIR HAZ-MAT TEAM PLACED ON THIS SPILL WHICH CONTAINED IT IN A SMALL AREA...NONE OF THE DIESEL FUEL REACHED ANY SOIL OR WATERWAYS...MIKE BETHAGE,CSX,WILL SEND ME THE DISPOSAL RECEIPTS.

8/24/2015: RJJ AT SITE AT 0900...EP&S of VERMONT HAS PICKED-UP ALL THE SPILL MATERIAL AND WILL DISPOSE THIS AT A LANDFILL...THE CLEAN-UP IS ACCEPTABLE.

2/2/2016: RECEIVED THE DISPOSAL RECEIPTS FOR THE 2 DRUMS OF SPILL MATERIAL TAKEN TO THE EP&S OF VERMONT'S FACILITY IN SYRACUSE,NY....THE SPILL HAS BEEN CLEANED-UP & PROPERLY

NYSDEC SPILL REPORT FORM

DEC REGION: 9 **SPILL NUMBER:** 1505539

SPILL NAME: RAILROAD CROSSING/ GANSON ST **DEC LEAD:** RJJONAK

DISPOSED OF...NO FURTHER ACTION NEEDED...SPILL CLOSED OUT.

PIN **T & A** **COST CENTER**

CLASS: C3 **CLOSE DATE:** 02/02/2016 **MEETS STANDARDS:** True

ENVIRONMENTAL PRODUCTS & SERVICES OF VERMONT, INC.

24-Hour Emergency Phone Number
1-800-843-8265

Please print or type

BILL OF LADING

1. Document No. BUF4507 | 2. Page 1 of 1

3. Generator's Name and Mailing Address
CSX TRANSPORTATION, INC.-Attn: Kim Vaughn
500 WATER STREET, J-275
JACKSONVILLE FL 32202

4. Generator's Phone (904) 363-4171

Site Address
GANSON STREET
BUFFALO NY 14202

5. Transporter 1 Company Name: ENVIRONMENTAL PROD & SVCS OF VT, INC | 6. NYR000115733

A. State Transporter's ID: 4117073410

B. Transporter 1 Phone: 800 843-8265

7. Transporter 2 Company Name | 8.

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
ENVIRONMENTAL PROD & SVCS OF VT, INC
552 STATE FAIR BLVD
SYRACUSE NY 13204
HM | 10. NYR000115733

E. State Facility's ID

F. Facility's Phone
800 843-8265

GENERATOR

	11. Shipping Name	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a.	NON-RCRA, NON-DOT SOLIDS, N.O.S.(PETROLEUM IMPACTED ABSORBENTS)	002	DM	120	P
b.					
c.					
d.					

G. Additional Descriptions for Materials Listed Above
a. APPROX 120 LBS
b. JOB 24113
c. For emergencies call CSX Public Safety Coordinator Center at 800-232-0144.
d. CSX Project # P151020

15. Special Handling Instructions and Additional Information
DIESEL FUEL CONTAMINATION

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this document are not subject to federal manifest requirements.

Printed/Typed Name: [illegible] | Signature | Date: Month 05 Day 28 Year 15

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month 05 Day [illegible] Year [illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the materials covered by this bill of lading except as noted in item 19.

Printed/Typed Name: RON TOLLENTAUSKI | Signature | Date: Month 10 Day [illegible] Year 15

BILL OF LADING

NYSDEC SPILL REPORT FORM

DEC REGION: 9 **SPILL NUMBER:** 1505541

SPILL NAME: TRACTOR TRAILER ACCIDENT **DEC LEAD:** RJJONAK

CALLER NAME: DISPATCHER WILSON **NOTIFIER'S NAME:** DISPATCHER WILSON

CLR'S AGENCY: BUFFALO FD **NOTIFIER'S AGENCY:** BUFFALO FD

CALLER'S PHONE: 716-851-5510 **NOTIFIER'S PHONE:** 716-851-5510

SPILL DATE: 08/23/2015 **SPILL TIME:** 12:09 pm **DISPATCHER:**

CALL RECEIVED DATE: 08/23/2015 **RECEIVED TIME:** 1:25 pm cdschira

SPILL LOCATION

PLACE: TRACTOR TRAILER ACCIDENT **COUNTY:** Erie

STREET: 191 GANSON ST **TOWN/CITY:** Buffalo (c)

COMMUNITY: Buffalo

CONTACT: KILPATRICK WOODARD **CONTACT PHONE:** 716-445-2939

CONT. FACTOR: Equipment Failure **SPILL REPORTED BY:** Fire Department

FACILITY TYPE: Commercial Vehicle **WATERBODY:**

CALLER REMARKS:

Buffalo FD Hazmat has already completed clean up.

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
diesel	Petroleum	30.00 G		Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT
NAPA TRANSPORTATION	BUFFALO NY 14203	DARRELL HAZEN 716-224-3066

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

8/24/2015: THIS IS THE SAME SPILL AS SPILL # 1505539...REFER TO THAT SPILL FOR ANY ADDITIONAL INFOMATION...THIS SPILL CLOSED OUT.

***** NOTE, COMPUTER FILE ONLY *****

PIN **T & A** **COST CENTER**

CLASS: C3 **CLOSE DATE:** 08/24/2015 **MEETS STANDARDS:** True

NYSDEC INITIAL SPILL REPORT FORM

DEC REGION# 9 SPILL NUMBER 9501488

SPILL NAME: Waste Management/Ganson DEC LEAD: Robert Crossen

CALLER'S NAME: John Minichiello NOTIFIER'S NAME:

CALLER'S AGENCY: waste Mgmt. NOTIFIER'S AGENCY:

CALLER'S PHONE: ( ) 223-6132 EXT. NOTIFIER'S PHONE: ( ) EXT.

SPILL DATE: 5/1/95 TIME: 1200 hrs.

CALL RECEIVED DATE: 5/4/95 TIME: 1030 hrs. RECEIVED BY CID#:

1. Gasoline
2. #2 Fuel
3. #4 Fuel
4. #6 Fuel
5. Diesel
6. Jet Fuel
7. Waste Oil
8. Non-PCB Oil
9. PCB Oil
10. Kerosene
11. Unk Petrol

Material Spilled	Mat. Class	Am't Spilled	Units	Am't Recovered
1) Petroleum	Pet-Haz-Other-Unk.		Gal - Lbs	
2)	Pet-Haz-Other-Unk.		Gal - Lbs	
3)	Pet-Haz-Other-Unk		Gal - Lbs	
4)	Pet-Haz-Other-Unk.		Gal - Lbs	

SPILL LOCATION

PLACE: Waste Management

STREET: 191 Ganson 7 Acre parcel

T/C/V: Buffalo CO: Erie

CONTACT:

PHONE: ( ) EXT.

SPILLER

NAME: Waste Management

STREET: 425 Perinton Pkwy

CITY: Fairport STATE: NY

ZIP: 14450

CONTACT: John Minichiello

PHONE: (716) 223 6132 EXT.

SPILL CAUSE

1 - Human Error
2 - Traffic Accident
3 - Equipment Failure
4 - Vandalism
5 - Tank Test Failure*
6 - Housekeeping
7 - Deliberate
8 - Abandoned Drums
9 - Tank Failure
10 - Tank Overfill
11 - Other
12 - Unknown

SPILL SOURCE

5 - Gas Station
6 - Passenger Vehicle
7 - Comm Vehicle
8 - Tank Truck
9 - Private Dwelling
10 - Vessel
11 - Railroad Car
3 - Major Fac>400,000 gal
4 - Non-Maj Facility>1,100 gal
1 - Comm/Indust
2 - Non-Comm/Inst
12 - Unknown

RESOURCE AFFECTED

1 - On Land
2 - In Sewer
3 - Groundwater
4 - Surface Water**
5 - Air

**Waterbody:

DEC NOTIFIED BY:

1 - Responsible Party
2 - Affected Persons
3 - Police Department
4 - Fire Department
5 - Tank Tester
6 - DEC
7 - Citizen
8 - Health Dept.
9 - Local Agency
10 - Federal Gov't
11 - Other

CALLER REMARKS: found contamination on property while doing phase I+II UST or truck leakage suspected Source? several wells on site not impacted

*PBS Number	Tank Number	Tank Size	Test Method	Leak Rate

PRIMARY CONTACT CALLED DATE: / / TIME hrs. REACHED DATE: / / TIME hrs.

SECONDARY CONT. CALLED DATE: / / TIME hrs. FAXED BY CID#:

PIN #	T & A	Cost Center	ISR to Central Office / /
Status: Active/Closed/Inactive		Last Inspection / /	Penalty Y / N
RP-CUI / /	ENF-INIT / /	INVES-COM / /	CAP / /
UST Trust Eligible Y / N	Site: A B C D E	Resp. Party 1 2 3 4 5 6	Reg Close Date / /

SPILFORM.4a 1/25/95

EDO Y/N DATA INPUT [ ]

NYS DEC Region 9
DEC REMARKS For Spill Number: 9501488
Date Printed: 10/30/95

05/04/95: RMC/MINICHIELLO/PHONE TO SEND ALL REPORTS TO DEC FOR REVIEW, DUE 5/30/95.

06/20/95: RMC/RECEIVED REPORTS, WORK TO BEGIN 6/29/95.

06/29/95: RMC/EPS/AFI/HANNAKA/SITE AREAS OF CONCERN BEING OVER EXCAVATED, PBS REGISTERED TANKS TO REMAIN FOR NEW OWNER, TESTING AND DISPOSAL DUE 8/30/95.

09/20/95: RMC/JON MINICHIELLO/PHONE TO SEND REPORT BY 10/15/95.
10/27/95 RMC/FILE RECEIVED REPORT AND DISPOSAL RECEIPTS,MINOR EXCEEDANCES, NO FURTHER ACTION REQUIRED, INACTIVE, INACTIVE LETTER
10/30/95 RMC/FILE NOTE SAMPLE S14 WAS FROM STORM RECEIVER AND WAS CLEANED OUT AND NO RESAMPLE REQUIRED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

APPLICATION FOR ACCESS TO RECORDS

(See Instructions on Reverse Side)

APPLICANT

- TO THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION:
I hereby apply to inspect the following records under the provisions of the Freedom of Information Law:

Spill File # 9501488

After inspection, should I desire copies of all or part of the records inspected, I will identify the records to be copied and hereby offer to promptly pay the established fees. (Cost of reproduction or 25¢ per page as applicable). Contact me if cost will exceed $ _____.

Name (Print or type) Joe Allen Telephone No. 800-352-0050

Attention of: _____

Mailing Address 3530 Post Rd Southport, CT

Signature _____ Date 10-26-99

RECORDS CUSTODIAN

- TO THE APPLICANT:

—Records Provided

☐ The reproduction costs for the records provided are $ _____

☐ Records have been (partially, fully) provided. (If not fully provided, date when records are expected to be fully provided: _____)

—Records Not Available

☐ Records cannot be found after diligent search

☐ The Department is not the custodian for records indicated

—Records Denied

I hereby certify that access to the records—or part of the records—circled above has been denied to the applicant for the reason(s) checked below:

☐ Specifically exempt by other statute

☐ Unwarranted invasion of personal privacy

☐ Would impair present or imminent contract awards or collective bargaining negotations

☐ Are examination questions or answers

☐ Are inter-agency or intra-agency materials that are not:
- statistical or factual tabulations or data
- instructions to staff that affect the public
- final agency policy or determinations; or
- external audits, including but not limited to audits performed by the comptroller and the federal government

☐ Would endanger the life or safety of any person

☐ Are compiled for law enforcement purposes and which, if disclosed would:
- interfere with law enforcement investigations or judicial proceedings
- deprive a person of the right to a fair trial or impartial adjudication
- identify a confidential source or disclose confidential information relating to a criminal investigation, or
- reveal criminal investigative techniques or procedures, except routine techniques and procedures

☐ Are computer access codes

☐ Are trade secrets

Identification of records withheld (attach listing if additional space is required) and/or explanation if appropriate:

_____

_____

_____

Records Custodian Signature Kathy Brennan Title Program Aide Date 1-21-00

file

New York State Department of Environmental Conservation
270 Michigan Avenue, Buffalo, New York 14203-2999
(716) 851-7220

Michael D. Zagata
Commissioner

October 30, 1995

Mr. John Minichiello
Environmental Engineering Manager
Waste Management
425 Perinton Parkway
Fairport, New York 14450

Dear Mr. Minichiello:

Spill Number 9501488
191 Ganson Street
Buffalo
Erie County

We have reviewed the analytical results for the excavation samples from the above-referenced site. The results exceed our soil guidance values. However, since the results were low levels, we will not require any further work at this time. The site will have a status of "inactive".

Your cooperation is appreciated. If you have any questions, please call Mr. Robert Crossen of this office at (716) 851-7220.

Sincerely,

Salvatore A. Calandra

Salvatore A. Calandra
Environmental Engineer I

//vm

Waste Management of New York, Inc.
Landfills and Transfer Stations
Administrative Office
425 Perinton Parkway
Fairport, New York 14450

A Waste Management Company

RECEIVED
OCT 12 1995
NYSDEC-REG. 9
FOIL
REL UNREL

October 10, 1995

Rob Crossen
NYSDEC - Spills Management
270 Michigan Avenue
Buffalo, New York, 14203-2999

RML 2
SAC —
RMK —
SPILL # _____
I ?

Re: Remedial Investigations WMNY - Ganson Street Property

Dear Mr. Crossen:

Enclosed with this letter is a copy of the Soil and Sediment Remediation Report that has been generated as part of an environmental assessment that was perform at the former Waste Management of New York, Inc. hauling division property on Ganson Street in Buffalo, N.Y. The enclosed remediation report represents the completion of remedial activities regarding the removal of petroleum impacted soils and sediments as part of a purchase and sale agreement, where WMNY was selling the Ganson Street property to another party.

The remedial reports documents the results of the remedial effort that was performed in accordance with the April 6, 1995, Remedial Action Plan Soil Investigation Report. All areas where chemical constituents had been identified were removed and identified as clean by AFI personnel. The results of composite samples taken from the excavation and removal areas show that the areas of interest were cleaned up to background levels or lower for all chemical constituents.

Please feel free to contact me at our Fairport, NY, location, indicated below, should you have any questions or comments regarding this matter. Thank-you.

Sincerely,

John A. Minichiello
Environmental Engineering Manager

High Acres Landfill & Recycling Center
& Power Production Plant
425 Perinton Parkway
Fairport, New York 14450
Tel: 716/223-6132
Fax: 716/223-6898

Monroe Livingston
Power Production Plant
1241 South Road
Scottsville, New York 14546
Tel: 716/889-9460
Fax: 716/889-5686

Mohawk Valley Sanitary Landfill
Power Production Plant
Road #2, Box 38A
Old Route 5S
Frankfort, New York 13340
Tel: 315/735-0122
Fax: 315/735-2199

Towpath Environmental
& Recycling Center
P.O. Box 408
Albion, New York 14411
Tel: 716/589-2272
Fax: 716/589-1230

Sanders Road Transfer Station
& Recycling Center
8619 Sanders Road
Stafford, New York 14143
Tel: 716/343-2240
Fax: 716/343-6311

Printed on Recycled Paper

SOIL AND SEDIMENT REMEDIATION REPORT

RECEIVED
OCT 1 2 1995
NYSDEC-REG. 9
FOIL
REL UNREL

DOWNING CONTAINER

191 GANSON STREET, BUFFALO, NEW YORK

PROJECT #H1025

PREPARED FOR:

WASTE MANAGEMENT OF NEW YORK
125 PERINTON PARKWAY
FAIRPORT, NEW YORK
14450

PREPARED BY:

AFI ENVIRONMENTAL
7815 BUFFALO AVENUE
NIAGARA FALLS, NEW YORK
14304

SEPTEMBER 28, 1995

TABLE OF CONTENTS

1.0	INTRODUCTION	1
1.1	BACKGROUND	1
1.2	PURPOSE OF OBJECTIVES	1
1.3	SCOPE OF WORK	1
2.0	REMEDIAL PROGRAM	2
2.1	OVERVIEW	2
2.2	SOIL REMEDIATION	2
2.2.1	SOIL EXCAVATION NEAR THE PREVIOUSLY REOMOVED UST (NORTH PROPERTY LINE)	2
2.2.2	SOIL EXCAVATION IN THE VICINITY OF THE ROLL-OFF STAGING AREA (EAST PROPERTY LINE)	3
2.2.3	SOIL EXCAVATION IN THE VICINITY OF THE OVERSIGHT TRUCK PARKING AREA AND FUEL ISLANDS	3
2.2.4	SPOT CLEAN UP	3
2.2.5	REMOVAL OF DRILLING CUTTINGS FROM PREVIOUSLY INSTALLED WELLS	4
2.3	SEDIMENT REMEDIATION	4
2.3.1	STORM SEWER SEDIMENT	4
2.4	TRANSPORT AND TREATMENT/DISPOSAL OF SOLID AND LIQUID WASTE	4
2.5	EXCAVATION RECLAMATION	5
2.5.1	BACKFILLING AND COMPACTION	5
2.5.2	BLACKTOPPING	5
3.0	ANALYTICAL TESTING	5
3.1	SAMPLE LOCATIONS	5
3.2	SAMPLING TECHNIQUES	5
3.2.1	GRAB SAMPLES	6
3.2.2	HOMOGENIZED COMPOSITE SAMPLES	6
3.3	SAMPLING LOCATIONS	6
3.3.1	SAMPLING THE AREA OF THE PREVIOUSLY REMOVED UST	6
3.3.2	SAMPLING THE EXCAVATION IN THE VICINITY OF THE ROLL-OFF STAGING AREA	6
3.3.3	SAMPLING THE SUB-BASE OF THE ROLL-OFF STAGING AREA EXCAVATION	6

3.3.4 SAMPLING THE EXCAVATION IN THE VICINITY OF THE OVERNIGHT TRUCK PARKING AREA 7

3.3.5 WASTE CHARACTERIZATION 7

3.4 ANALYTICAL TESTING 7

3.5 SOIL SAMPLES 7

3.5.1 ANALYTICAL RESULTS FROM THE FORMER SITE OF UST 7

3.5.2 ANALYTICAL RESULTS FROM THE ROLL-OFF STAGING AREA 7

3.5.3 ANALYTICAL RESULTS FROM BASE OF ROLL-OFF STAGING AREA 8

3.5.4 ANALYTICAL RESULTS FROM TRUCK STAGING AREA 8

3.5.5 ANALYTICAL RESULTS FOR WASTE CHARACTER 8

4.0 SUMMARY 8

LIST OF FIGURES

Figure #1 SITE LOCATION MAP

Figure #2 SITE PLAN

Figure #3 EXCAVATION LOCATION MAP

Figure #4 SAMPLE LOCATION MAP

1.0 INTRODUCTION

1.1 BACKGROUND

AFI Environmental has prepared this *Soil and Sediment Remediation Report* on behalf of Waste Management of New York as documentation of their cleanup activities at 191 Ganson Street; prior to their move to 70 North Gates and subsequent occupation of the facilities by new tenants and/or owners. This report addresses petroleum impacted soil and sediment contamination encountered at the Downing Container Facility; located at 191 Ganson Street, Buffalo, New York (See figure #1 for site location map). This facility was the storage yard and repair shop for Waste Management of New York's Downing Container Division garbage pickup, rolloff and rental operations. This *Soil and Sediment Remediaton Report* (SSRR) was prepared as the final step of a three part process that included Environmental Assessment, Remedial Soil Investigation/ Delineation, and Cleanup.

1.2 PURPOSE AND OBJECTIVES

Waste Management of New York Inc. (WMNY), retained AFI Environmental to document the Soil and Sediment Remediation activities conducted by Environmental Products and Services, Inc. (EPS), Waste Managements's cleanup contractor at their 191 Ganson Street Facility.

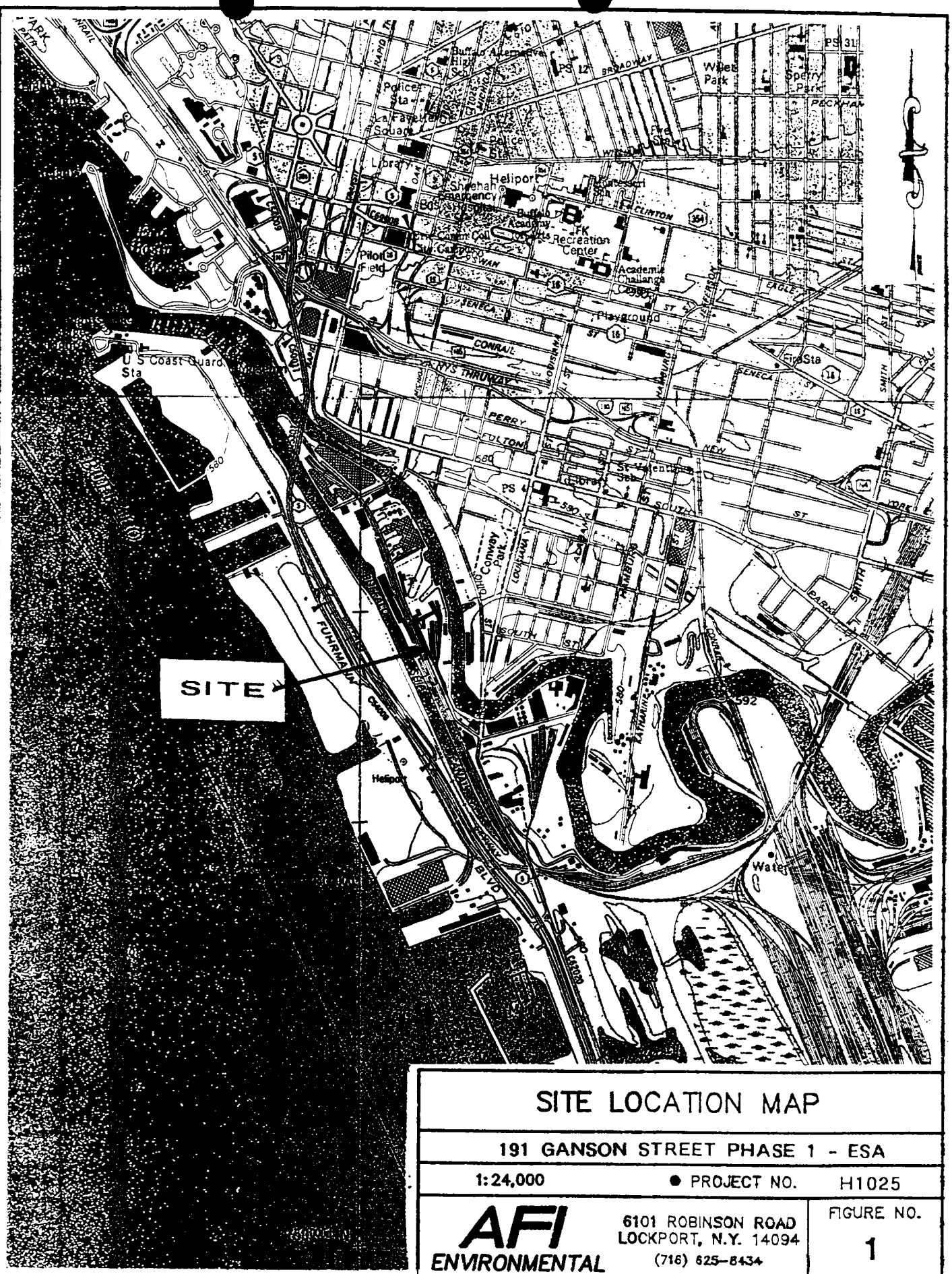
This report has been developed for the private use of Waste Management of New York Inc., but all discussed activities were conducted under the observation of NYSDEC Spill Control personnel.

1.3 SCOPE OF WORK

The Soil and Sediment Remediation Activities conducted at 191 Ganson Street were consistent with the site specific recommendations made by AFI Environmental in their report entitled **"REMEDIAL ACTION PLAN SOIL INVESTIGATION REPORT"** dated April 6, 1995. These recommendations included:
(See figure #2 for site map).

- Removal of a 10' by 10' by 18" area of soil where chemical constituents were identified in the area of previously removed Underground Storage Tank (UST).

- Excavation of Study Area # 3, a 25' by 25' by 18" area located in the vicinity of the rolloff staging area where toluene contaminated soils were staged awaiting NYSDEC approval for disposal.



SITE LOCATION MAP

191 GANSON STREET PHASE 1 - ESA

1:24,000 ● PROJECT NO. H1025

AFI ENVIRONMENTAL
6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO. 1

- o Excavation of stained areas of the parking lot near the fuel islands and near the overnight truck parking area and other areas where visible.

- o Sediment removal and cleaning of the Storm water drains.

- o Backfilling and compacting of all excavated areas with #2 crusher run stone.

- o Sampling excavated areas to demonstrate all contaminates have been removed.

- o Sampling excavated soils for waste characterization and disposal services purposes.

2.0 REMEDIAL PROGRAM

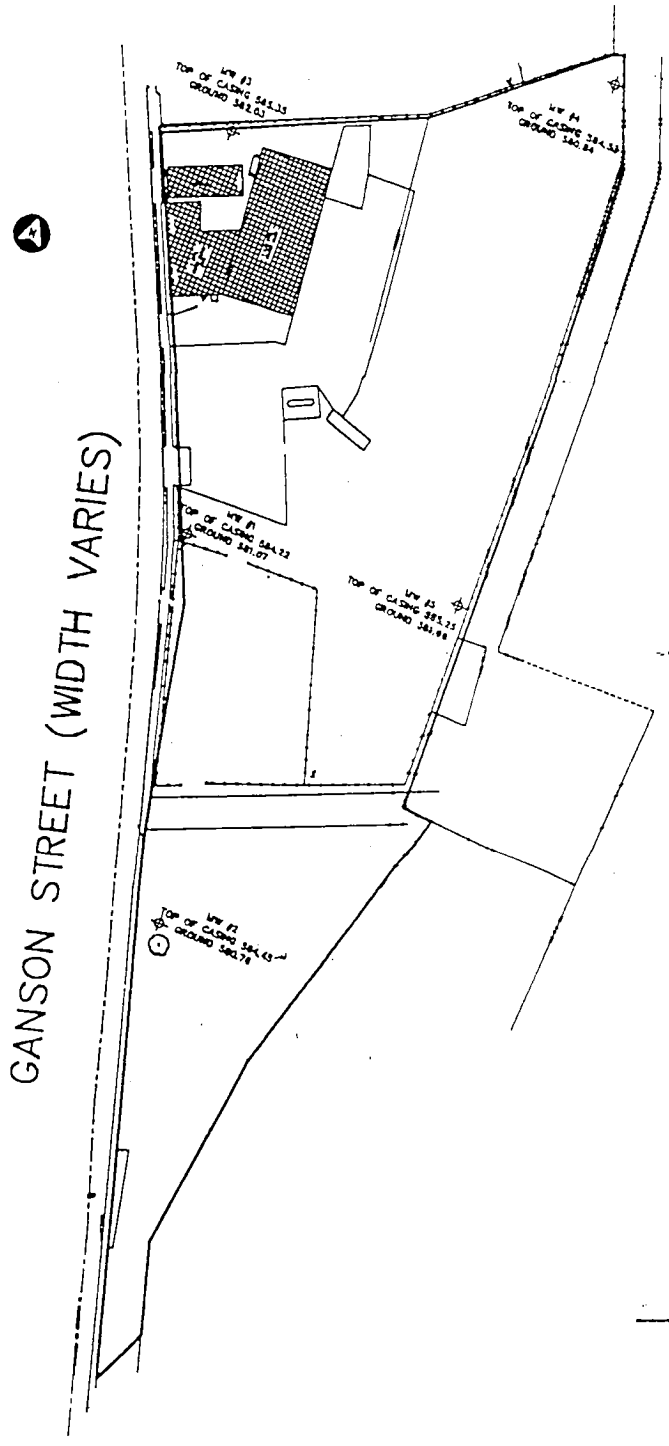
2.1 OVERVIEW

The Remedial program implemented at the facility located at 191 Ganson Street consisted of the excavation, removal and off-site disposal of impacted soils from the following areas (See Figure #3): the vicinity of the previously removed UST, near the North property line; from the roll-off staging area, near the East fence line, from the overnight truck parking area, near the gas fueling island; and contaminated sediment from the storm water sewer. This approach was utilized due to the relatively small volume of chemically impacted soil/sediment occurring at the site. All remedial activities were performed by Environmental Products and Services, Inc., a qualified and experienced remedial contractor, under the supervision of an AFI Environmental Engineer. In addition, New York State DEC Spill Control Personnel observed excavation and disposal activities. The procedures and equipment utilized were selected to minimize any potential for cross contamination, while maximizing the effectiveness of the clean-up effort. The following subsections provide a detailed description of the remedial measures implemented at the WMNY Site.

2.2 SOIL REMEDIATION

2.2.1 SOIL EXCAVATION NEAR THE PREVIOUSLY REMOVED UST (NORTH PROPERTY LINE)

Gravel and soil were excavated from a 10' by 10' by 18" area in the vicinity of the previously removed UST location (See figure #3). The excavation was accomplished using a backhoe and front end payloader operated by EPS personnel. The original excavation was enlarged by an additional 10' by 10' by 18" when petroleum stained material was identified by the AFI field engineer on the Eastern wall of the excavation. Similarly the depth of the excavation was increased to 30" when stained soils were evident on the floor of



LEGEND

PROPERTY LINE

☆ – MONITORING WELL

ELEVATIONS SHOWN ARE REFERENCED TO NGVD'29

SITE PLAN

191 GANSON STREET PHASE 2

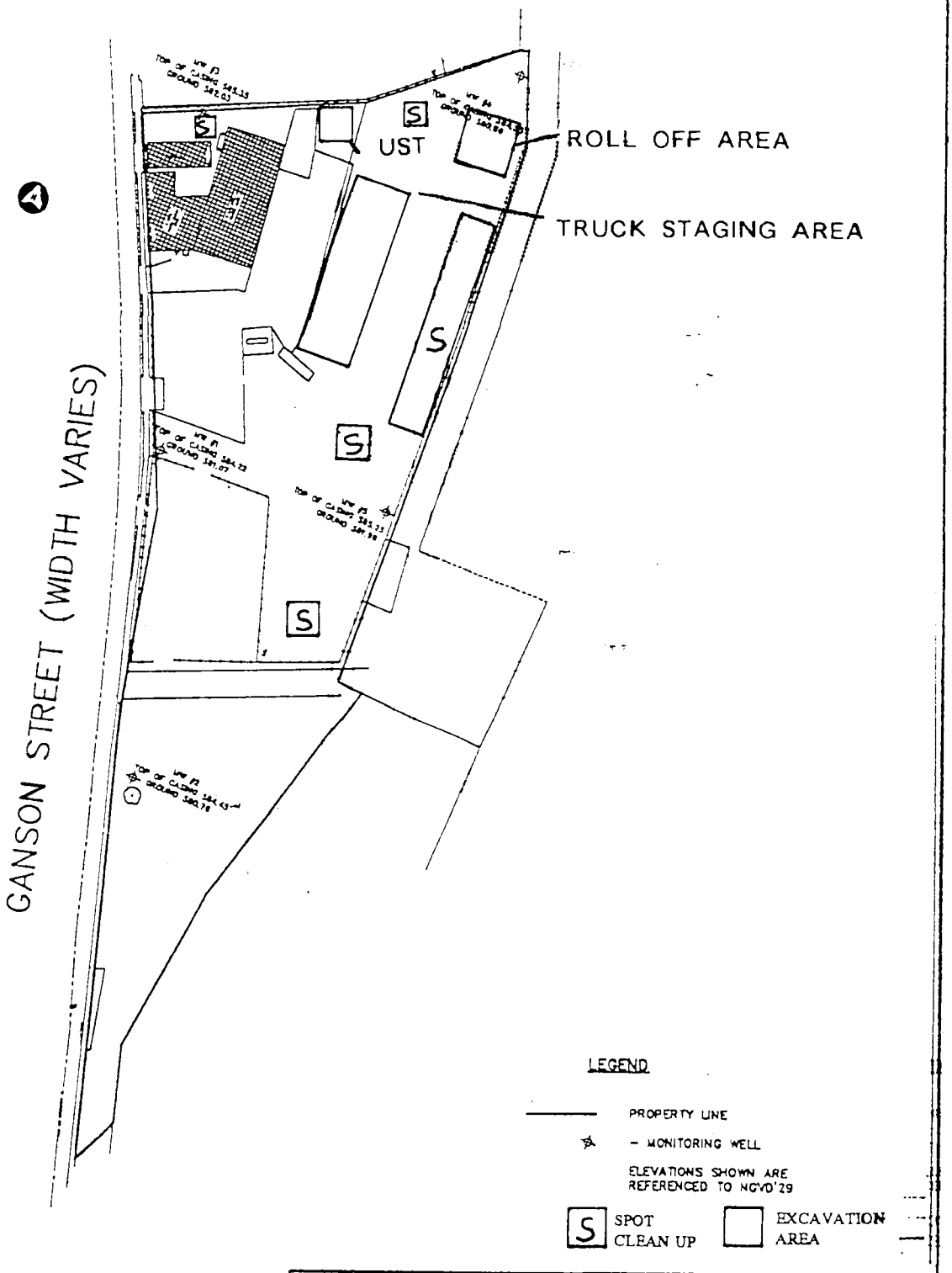
● PROJECT NO. H 1025

FIGURE NO. 2

WENDEL
7405 CANAL ROAD, P.O. BOX 301
LOCKPORT N.Y. 14095 716-433-5893 716-625-8226

PART OF LOT		SEC.		TWP.	RNG.
CITY	BUFFALO			DATE	11/14/1994
COUNTY	ERIE, NY			SCALE	1"=100'

AFI ENVIRONMENTAL
6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434



EXCAVATION LOCATION MAP

191 GANSON STREET

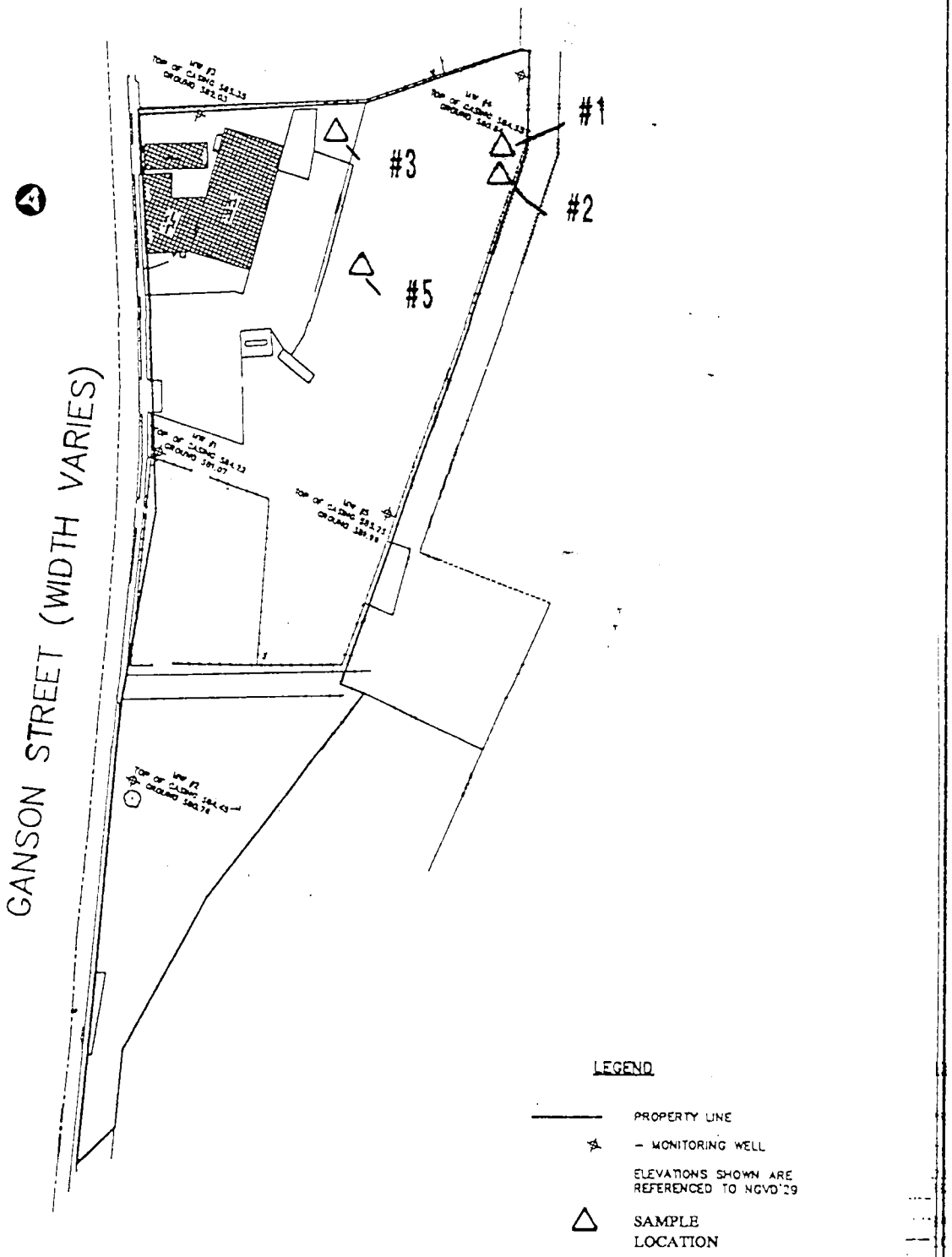
● PROJECT NO. H1025

PART OF LOT		SEC.	TWP. / RNG.
CITY	BUFFALO	DATE	11/14/1994
COUNTY	ERIE, NY	SCALE	1"=100'

WENDEL
7408 CANAL ROAD, P.O. BOX 301
LOCKPORT N.Y. 14095 716-433-3983 716-625-8228

AFI ENVIRONMENTAL
6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO. 3



SAMPLE LOCATION MAP

191 GANSON STREET

● PROJECT NO. H1025

WENDEL

7405 CANAL ROAD, P.O. BOX 301
LOCKPORT N.Y. 14095 716-433-3453 716-625-8228

PART OF LOT		SEC.		TWP.		RNG.
CITY	BUFFALO			DATE	11/14/1994	
COUNTY	ERIE, NY			SCALE	1"=100'	

AFI ENVIRONMENTAL

6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO.
4

the 18" excavated area. The excavation continued horizontally and vertically until no visual evidence of petroleum impacted soils were observed. All scrapings were placed in poly-lined roll-off containers. Transport and disposal was in accordance with section 2.4. The reclamation of the excavation was in accordance with 2.5.

2.2.2 SOIL EXCAVATION IN THE VICINITY OF THE ROLL-OFF STAGING AREA (EAST PROPERTY LINE)

Gravel and soil were excavated from a 25' by 25' by 18" area in the vicinity of the roll-off staging area (See figure #3). The excavation was accomplished using a backhoe and front end payloader operated by EPS personnel. The original excavation was increased when petroleum stained material was identified by the AFI field engineer on the floor of the excavation. The depth of the excavation was increased to 36" when stained soils were evident on the floor of the 18" excavated area. Examination of the base of the excavation showed the fill material to be placed around a historic railroad hid with wooden cross ties and a wooden floor or foundation. The detenation of the wooden floor stained the soils black. This foundation layer continued in all directions for a thickness of approximately 4" - 5". To verify the contact of this fill layer one analytical sample was collected. The excavation continued to the depth and width where minimal evidence of impacted soils was observed. All scrapings were placed in poly-lined roll-off containers. Transport and disposal was in accordance with section 2.4. The reclamation of the excavation was in accordance with 2.5.

2.2.3 SOIL EXCAVATION IN THE VICINITY OF THE OVERNIGHT TRUCK PARKING AREA AND FUEL ISLANDS.

Gravel soil in this section of the parking lot was excavated to a depth of 6" by a width of 15' and the length of 125' on both the East and West sides of the overnight truck parking area and fuel island. The excavation was completed by EPS Personnel using the front bucket of a payloader and scraping the surface to a depth of 6". A visual check of the excavation was made by AFI Personnel, after the excavation, to verify that all signs of staining had been removed. All scrapings were places in poly-lined roll-off containers. Transport and disposal was in accordance with section 2.4. The reclamation of the excavation was in accordance with 2.5.

2.2.4 SPOT CLEAN UP

Gravel soil in the parking lot displaying visual signs of staining was excavated using a backhoe and placed into a poly-lined roll-off container. Excavation was to a depth and lateral extent large enough to remove all visual signs of staining.

The transport and disposal of stained soil excavated from these

areas was in accordance with section 2.4. The reclamation of the excavation was in accordance with section 2.5.

Following the completion of the measures outlined above, all areas excavated were filled with number 2 crusher run stone, compacted and leveled.

2.2.5 REMOVAL OF DRILLING CUTTINGS FROM PREVIOUSLY INSTALLED WELLS

Three (3) 55 gallon drums containing auger cuttings collected during the installation of the monitoring wells installed on site were disposed of by EPS Personnel. The drums were off-loaded into the Poly-lined roll-off containers, crushed flat, and disposed of with the soils.

2.3 SEDIMENT REMEDIATION

2.3.1 STORM SEWER SEDIMENT

Storm sewer remediation was conducted by the above contractor at later date. This was due to the need, by WMNY to obtain approval, from the Buffalo Sewer Authority, for disposal of the discharge material; prior to discharge into the Buffalo Sewer System. Sediment was removed from four (4) Storm Water inlets by using a vacuum line attached to a 3,000 gallon vacuum truck. Flushing of the sewer line was accomplished using a high pressure, water lancing system. The vacuum truck was operational during the sewer flushing procedure to capture the wash water. After flushing, the sediment accumulated at each inlet basin was manually removed and captured by the vacuum truck. All sediment and wash water was disposed of at the Buffalo Sewer Authority under proper disposal permits. AFI field engineers inspected the clearing activity after the activities had been completed.

2.4 TRANSPORT AND TREATMENT/DISPOSAL OF SOLID AND LIQUID WASTES

Impacted soil and sediment generated during the remedial program were placed in poly lined roll-off containers prior to removal from the site. This material was transported by Waste Management, a permitted hauler, to High Acres Landfill, a non-hazardous waste landfill, which was authorized to receive petroleum impacted soils. Analytical data from the chemical profiling of impacted soils collected prior to the remedial activities was utilized for waste characterization purposes. Analysis of soil collected during excavation is presented in Appendix A. This information was utilized by Waste Management personnel to complete Form 47-19-7, *Application for Treatment or Disposal of an Industrial Waste Stream* contained in Appendix B. All soils were disposed at the High Acres Landfill in Fairport, New York.

Wash water generated during the Storm Water cleaning, and collected by the vacuum truck, was transported under the appropriate permits to Buffalo Sewer Authority for treatment and/disposal. Sediment contained within the vacuum truck were removed and disposed at a permitted facility. Records documenting the transport and proper disposal of all solid and liquid waste were retained by Waste Management personnel and are not part of this report.

2.5 EXCAVATION RECLAMATION

2.5.1 BACKFILLING AND COMPACTION

EPS Personel backfilled each excavated area with clean #2 crusher run stone, then compacted the area by repeated running over the stone with a payloader. Final shaping was conducted by scraping the surface level. Photographs of the facility clean up activity are presented in Appendix C and Analytical Results are present in Appendix A.

2.5.2 BLACKTOPPING

Blacktop areas stained from the chronic overnight leaking of oil and grease from Packer and Roll-off Trucks, were scraped and resurfaced with a 1" top coat of fresh black top. (Photographs see Appendix C).

3.0 ANALYTICAL TESTING

3.1 SAMPLE LOCATIONS

Two (2) types of media were sampled during the course of the investigation performed by AFI Environmental, and can be classified as either soil or gravel. A total of five (5) soil samples were collected. The locations from which these samples were obtained are depicted on Figure 4.

3.2 SAMPLING TECHNIQUES

Two (2) sampling techniques were utilized to collect soil and sediment samples on June 29, 1995, and are described in the following subsections. All samples were collected by an AFI Environmental field engineer and were placed in precleaned laboratory sample bottles, which were labeled with the sample number, date and time of collection, sampler's initials, and the analyses requested.

3.2.1 GRAB SAMPLES

With the exception of the impacted soil samples collected from the location where UST was previously removed, the Roll-off staging area excavation sampling, and the sampling from the excavation near the truck staging area, the remaining soil samples were collected as grab samples. Grab samples were collected using a coated steel trowel that was decontaminated via a detergent wash and deionized water rinse prior to the collection of each sample. Grab soil samples were collected at the base of the excavation conducted in the vicinity of the Roll-off staging area.

3.2.2 HOMOGINIZED COMPOSITE SAMPLES

Homogenized composite samples were assembled to characterize background soil quality and to chemically profile the quality of soils remaining within the excavated areas once the visual evidence of impacted soils had been excavated. Homogenized Composite samples were also collected as a means of profiling soils for waste characterization purposes.

3.3 SAMPLING LOCATIONS

3.3.1 SAMPLING IN THE AREA OF THE PREVIOUSLY REMOVED UST

The sample from the site of the previously removed UST, identified as sample #3 was assembled from samples collected from five (5) points situated at the eastern, western, nothern, southern and bottom margin of the excavated area. Soil from each of these points was collected, placed on a poly sheet, and mixed to obtain a homogenous composite sample. (See figure #4 for sample location and Appendix A for results).

3.3.2 SAMPLING THE EXCAVATION IN THE VICINITY OF THE ROLL-OFF STAGING AREA

The sample from the site of the Roll-off staging area, sample #1 was assembled from samples collected from five (5) points situated at the eastern, western, southern, and north walls as well as the floor of the excavation. Soil from each of these points was collected, placed on poly sheet, and mixed to obtain a homogenous composite sample.

3.3.3 SAMPLING THE SUB-BASE OF THE ROLL-OFF STAGING AREA EXCAVATION

The sample from the Sub-base of the roll-off staging area excavation was collected as a grab sample from the area demonstrating signs of high carbon/wood content (black).

3.3.4 SAMPLING THE EXCAVATION IN THE VICINITY OF THE OVERNIGHT TRUCK PARKING AREA

The sample from the site of the overnight truck parking area, sample #5, was assembled from samples collected from five (5) points situated at the eastern, western, southern, and north walls as well as the floor of the excavation. Soil from each of these points was collected, placed on poly sheet, and mixed to obtain a homogenous composite sample.

3.3.5 WASTE CHARACTERIZATION

The sampling collected for Waste Characterization verification was collected as a composite sample; randomly selected from the spoils pile of excavated material, prior to being loaded into the roll-off container. The composite was made up from 3 distint sub-samples.

3.4 ANALYTICAL TESTING

All soil and sediment samples were transported under proper chain of custody records to Lozier Labs of Rochester immediately following collection on June 29, 1995. All samples underwent testing for waste characterization/PCBS, TCLP Stars 8021, and TCLP Stars 8270. These analytical methods were selected based upon results from earlier investigations at the project site.

The Lozier laboratory report containing the analytical results, QA/QC data, and chain of custody records is presented in Appendix A. These analytical results are discussed in the following paragraphs:

3.5 SOIL SAMPLES

3.5.1 ANALYTICAL RESULTS FROM THE FORMER SITE OF UST

Analytical results for Sample #3 collected as a composite sample from the sides and base of the former UST excavation are presented in Appendix A. As presented these results show that all values for PCB's except PCB-1260 are below quantifiable limits. PCB-1260 was detected at .27 mg/kg. Benzene and Tolumene were detected at 6.9 ug/1 and 1.6 ug/1 respectfully. All Poly Nuclear Aromatic Hydrocarbons identified in EPA method 8270 were below quantifiable limits.

3.5.2 ANALYTICAL RESULTS FROM THE ROLL-OFF STAGING AREA

Analytical results for Sample #1 collected as a composite sample from the sides and base of the roll-off staging area are presented in Appendix A. As presented these results show that all values for

PCB's except PCB-1260 are below quantifiable limits. PCB-1260 was detected at .18 mg/kg. All Poly Nuclear Aromatic Hydrocarbon identified in EPA method 8270 and volatiles identified in EPA Method 8021 were below quantifiable limits.

3.5.3 ANALYTICAL RESULTS FROM BASE OF ROLL-OFF STAGING AREA

Analytical results for Sample #2 collected from the base of the roll-off staging area as a grab sample are presented in Appendix A. As presented these results show that all values for PCB's were below quantifiable limits. Benzene and Toluene were detected at 9.5 ug/1 and 5.0 ug/1 respectfully. All Poly Nuclear Aromatic Hydrocarbon identified in EPA method 8270 were below quantifiable limits.

3.5.4 ANALYTICAL RESULTS FROM TRUCK STAGING AREA

Analytical results for Sample #5 collected as a composite sample from the sides and base of the excavation near the truck staging area are presented in Appendix A. As presented these results show that all values for PCBare below quantifiable limits. All Poly Nuclear Aromatic Hydro Carbon identified in EPA method 8270 and all volatiles identified in 8021 TCLP Extraction were below quantifiable limits.

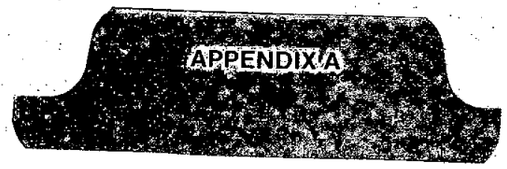
3.5.5 ANALYTICAL RESULTS FOR WASTE CHARACTERIZATION

As presented in Appendix A, results of Sample #4 analysis indicate that all parameters identified in EPA Method 8270, EPA Method 8021, and EPA Method 608 were below quantifiable limits, except for Toluene at 2.0 ug/L.

4.0 SUMMARY

The evaluation of analytical data resulting from the modified Phase II investigation and supplemental remedial investigation, at 191 Ganson Street, identified some chemical constituents within the soils and sediment from isolated areas across the site and within the storm water drainage system. The data from on site groundwater monitoring wells did not show any signs of chemical contamination of the Groundwater leaving or entering the site.

All areas where chemical constituents were identified in the soils were removed by EPS Personnel and verified as clean by visual inspection by AFI Personnel. The result of composite samples collected after clean-up activities show that all areas excavated were cleaned up to background levels or lower for all chemical constituents. A photographic record of clean-up procedure and site reclamation is presented in Appendix C.


APPENDIX A

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : AFI ENVIRONMENTAL
7815 BUFFALO AVENUE
NIAGARA FALLS, NY 14304

ATTN: BILL HEITZENRATER

DATE REC'D. : 06/29/95
LABORATORY NO. : 95064082
REPORT DATE : 07/13/95

RE: WASTE MGT/DOWNING CONT.
EXCAVATION SOIL SAMPLING
NYSDEC STARS PROGRAM TESTING

SAMPLE INFORMATION

SAMPLE DATE	: 06/29/95	LOCATION	: SEE REPORT
SAMPLE TIME	: 11:15-4:00 PM	TYPE OF SAMPLE	: SOIL
NUMBER OF SAMPLES:	5	SAMPLER	: CLIENT

POLYNUCLEAR AROMATIC HYDROCARBONS

PARAMETER	*1	*2	*3	*4	*5
NAPHTHALENE	<0.010	<0.010	<0.010	<0.010	<0.010
ACENAPHTHYLENE	<0.010	<0.010	<0.010	<0.010	<0.010
ACENAPHTHENE	<0.010	<0.010	<0.010	<0.010	<0.010
FLUORENE	<0.010	<0.010	<0.010	<0.010	<0.010
PHENANTHRENE	<0.010	<0.010	<0.010	<0.010	<0.010
ANTHRACENE	<0.010	<0.010	<0.010	<0.010	<0.010
FLUORANTHENE	<0.010	<0.010	<0.010	<0.010	<0.010
PYRENE	<0.010	<0.010	<0.010	<0.010	<0.010
CHRYSENE	<0.010	<0.010	<0.010	<0.010	<0.010
BENZO(b)FLUORANTHENE	<0.010	<0.010	<0.010	<0.010	<0.010
BENZO(k)FLUORANTHENE	<0.010	<0.010	<0.010	<0.010	<0.010
BENZO(a)PYRENE	<0.010	<0.010	<0.010	<0.010	<0.010
DIBENZO(a,h)ANTHRACENE	<0.010	<0.010	<0.010	<0.010	<0.010
INDENO(1,2,3-cd)PYRENE	<0.010	<0.010	<0.010	<0.010	<0.010
BENZO(g,h,i)PERYLENE	<0.010	<0.010	<0.010	<0.010	<0.010
BENZO(a)ANTHRACENE	<0.010	<0.010	<0.010	<0.010	<0.010
DILUTION FACTOR	1	1	1	1	1
SURROGATE RECOVERIES :					
NITROBENZENE-d5	60%	43%	81%	36%	41%
ACC RANGE (38-114)%					
2-FLUOROBIPHENYL	52%	34%	67%	24%	28%
ACC RANGE (43-116)%					
TERPHENYL-d14	82%	55%	88%	32%	34%
ACC RANGE (33-141)%					

Analysis performed by EPA Method 8270 on 07/08/95.
All units expressed as mg/l unless otherwise specified.

*1 Loc. #14 Comp.
*2 Base of Excavation
*3 Excavation #3
*4 Soil Disposal
*5 Excavation #2

NYSDOH LAB ID # 10390
jsh

ALAN J. LAPPIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI ENVIRONMENTAL

LOZIER LABORATORY NO. 95064082

S.T.A.R.S. 8021 - VOLATILES TCLP EXTRACTION

PARAMETER	*1	*2	*3	*4	*5
METHYL t-BUTYL ETHER (MTBE)	<5.0	<5.0	<5.0	<5.0	<5.0
BENZENE	<0.7	9.5	6.3	<0.7	<1.0
ETHYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0
TOLUENE	<1.0	5.0	1.6	2.0	<1.0
m+p XYLENES	<2.0	<2.0	<2.0	<2.0	<2.0
o-XYLENE	<1.0	<1.0	<1.0	<1.0	<1.0
TOTAL XYLENES	<3.0	<3.0	<3.0	<3.0	<3.0
ISOPROPYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0
n-PROPYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0
sec-BUTYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0
p-ISOPROPYLTOLUENE	<1.0	<1.0	<1.0	<1.0	<1.0
n-BUTYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0
NAPHTHALENE	<1.0	<1.0	<1.0	<1.0	<1.0
SURROGATE RECOVERY:					
a,a,a-TFT	93%	102%	84%	99%	108%
ACC RANGE (60-132)%					

Analysis performed by EPA Method 8021.
All units expressed as µg/l unless otherwise specified.

Location	Date Analyzed
*1 Loc. #14 Comp.	07/07
*2 Base of Excavation	07/07
*3 Excavation #3	07/07
*4 Soil Disposal	07/07
*5 Excavation #2	07/10

NYSDOH LAB ID # 10390
jhs

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI ENVIRONMENTAL

LOZIER LABORATORY NO. 95064082

POLYCHLORINATED BIPHENYLS

PARAMETER	*1	*2	*3	*4	*5	UNITS
PCB-1221	<0.036	<0.036	<0.036	<0.036	<0.036	mg/kg
PCB 1232	<0.036	<0.036	<0.036	<0.036	<0.036	mg/kg
PCB-1016	<0.036	<0.036	<0.036	<0.036	<0.036	mg/kg
PCB-1242	<0.036	<0.036	<0.036	<0.036	<0.036	mg/kg
PCB-1248	<0.036	<0.036	<0.036	<0.036	<0.036	mg/kg
PCB-1254	<0.036	<0.036	<0.036	<0.036	<0.036	mg/kg
PCB-1260	0.18	<0.036	0.27	<0.036	<0.036	mg/kg
PCB-1262	<0.036	<0.036	<0.036	<0.036	<0.036	mg/kg
PCB-1268	<0.036	<0.036	<0.036	<0.036	<0.036	mg/kg
TOTAL PCB's	0.18	<0.036	0.27	<0.036	<0.036	mg/kg
SURROGATE RECOVERY % DCB	*	*	*	97	103	%
ACC RANGE (41-154)%						

* No surrogate added by prep. Supply exhausted. Samples prepped without surrogate due to holding time considerations.

Performed by EPA Method 608 PCB's on 07/14/95

Location
*1 Loc. #14 Comp.
*2 Base of Excavation
*3 Excavation #3
*4 Soil Disposal
*5 Excavation #2

NYSDOH LAB # 10390
jhs

ALAN J. LAFFIN
LABORATORY DIRECTOR

9506408 2

LOZIER
Laboratories, Inc.
909 Culver Road
Rochester, NY 14609
716-654-6350

Company Name: WASTE Management Dewaise Container
Project Name / Number: h1025

Turnaround Time
[X] Standard Service
[ ] - * Rush Service
Date requested by:
Ph # (716) - 283 - 2685
Fax # (716) - 283 - 2853

Page 1 of 1

Send Report to: AEI ENVIRONMENTAL
7815 Buffalo Ave
NIAGARA FALLS, N.Y

Send Invoice to: SAME

P.O. #

Chain of Custody Record

SAMPLE ID	Date	Time	TYPE: Comp.	Grab	Aqueous	Soil	Other	Laboratory ID Number	PARAMETERS FOR ANALYSIS
#1 a Composite location #1 & 1a	6/29	11:15	X			X			
b 2 Bottles for each sample									
#2 Base of excavation	6/29	3pm		X		X			
#3 EXCAVATION # 3 & B	6/29	4pm	X			X			
#4 Soil Disposal mix	6/29	4p	X			X			
#5 EXCAVATION # 2	6/29	4p	X			X			

REMARKS: Sample #2 is from questionable material left in pit Below 18" EXCAVATION

Total Containers -

SAMPLER'S NAME: Bill Hayward SIGNATURE: Bill Hayward

SAMPLES RELINQUISHED BY:		SAMPLES RECEIVED BY:	
NAME: Bill Hayward	DATE: 6/29	NAME:	DATE:
SIGNATURE:	TIME: 6:30	SIGNATURE:	TIME:
NAME: Arnold W. Drescher	DATE: 6/29	NAME:	DATE:
SIGNATURE: Arnold W. Drescher	TIME: 6:30	SIGNATURE:	TIME:
NAME:	DATE:	Received For Laboratory By:	DATE: 6/29/95
SIGNATURE:	TIME:	(Signature) Adam Hoag	TIME: 6:30

Custody Seal Intact? Sample [ ] Yes [ ] No [ ] N.A.
Shipment Complete? [ ] Yes [ ] No

Temp ____ °C TS TB TM

Airbill #

LOZIER
Laboratories, Inc.
909 Culver Road
Rochester, NY 14609
716-654-6350

Company Name: WASTE MANAGEMENT Dawson Facility

Project Name / Number: Acres

Turn-Around Time
[X] - Standard Service
[ ] - *Rush Service
Date requested by:
Ph # (716) - 343 - 7645
Fax # (716) - 343 - 3853

Page 1 of

Send Report to: AFI ENVIRONMENTAL
7815 Buffalo Ave
NIAGARA FALLS, NY

Send Invoice to: SAME

P.O. #:

Chain of Custody Record

SAMPLE ID	Date	Time	TYPE: Comp.	TYPE: Grab	Aqueous	Soil	Other	Laboratory ID Number	PARAMETERS FOR ANALYSIS
#1a Composite location #1 5/a & 2 Bottles for each sample	6/29	11:15	X			X			
#2 Bay of excavation	6/29	3:00		X		X			
#3 Excavation #3 5/B	6/29	4pm	X			X			
#4 Soil Disposal Mat.	6/21	4p	X			X			
#5 Excavation #2	6/29	4pm	X			X			

Total Containers -

REMARKS: Sample #2 is from questionable material left in the bottom of excavation

SAMPLER'S NAME: Bill Hazlewood SIGNATURE:

SAMPLES RELINQUISHED BY:		SAMPLES RECEIVED BY:	
NAME: Bill Hazlewood	DATE: 6/29	NAME:	DATE:
SIGNATURE:	TIME: 6:30	SIGNATURE:	TIME:
NAME: Mike W. Freeman	DATE: 6/29	NAME:	DATE:
SIGNATURE: Mike W. Freeman	TIME: 6:30	SIGNATURE:	TIME:
NAME:	DATE:	Received For Laboratory By: (Signature)	DATE:
SIGNATURE:	TIME:		TIME:

Custody Seal Intact? Sample [ ] Yes [ ] No [ ] N.A.
Shipment Complete? [ ] Yes [ ] No

Temp ____ °C TS TB TM

Airbill #

APPENDIX B

GENERATOR'S WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

Waste Profile Sheet Code: WMNA 326826

This form is to be used to comply with the requirements of a waste agreement.

INSTRUCTIONS FOR COMPLETING THIS FORM ARE ATTACHED

(Shaded Areas For Contractor Use Only)

Decision Expiration Date: 12 / 1 / 95

Contractor Sales Rep#: Hanalca

Service Agr. Renewal Date: / /

A. WASTE GENERATOR INFORMATION

1. Generator Name: Waste Management of N.Y. - Bfle
2. SIC Code:
3. Facility Address (site of waste generation): 421 Ganson St
4. Generator City, State/Province: Buffalo, NY
5. Zip/Postal Code: 14203
6. Generator USEPA/Federal ID #:
7. State/Province ID #:
8. Technical Contact: Tim Eich
9. Phone: (716) 852 - 6121

B. WASTE STREAM INFORMATION (See Instructions)

1. Name of Waste: Contaminated Soil
2. Process Generating Waste: excavation of truck parking area
3. Annual Amount/Units: 50 cubic yards
4. Type A ☒ (2) Type B ☐
5. Special Handling Instructions/Supplemental Information:
6. Incidental Waste Types and Amounts: None Known

C. TRANSPORTATION INFORMATION

1. Method of Shipment: ☐ Bulk Liquid ☐ Bulk Sludge ☒ Bulk Solid ☐ Drum/Box ☐ Other
2. Supplemental Shipping Information:
3. Is a DOT hazardous material? ☒ No ☐ Yes (If yes, complete 4, 5 & 6) 4. Hazard Class/ID #: NA
5. Reportable Quantity/Units (lb/kg): 0 6. Shipping Name: NA

D. TECHNICAL MANAGER DECISION (Check One) ☒ APPROVED ☐ DISAPPROVED ☐ Check if additional information is attached

If Disapproved, Explain:

If Approved, Continue.

1. Management Method(s): CO DISPOSAL OR USE AS DAILY COVER SOIL IN ACCORDANCE WITH PART 360 PERMIT.
2. Precautions, Conditions, or Limitations on Approval: ENSURE COPY OF SERVICE AGREEMENT IS ON FILE
3. For Type A Wastes, Laboratory Analysis of a Representative Sample Was: ☐ Waived ☒ Attached
   If waived, explain why:
4. List Non-WMI Facility that is Approved to Manage this Waste: Date:

Tech. Mgr. Signature: John A. Minchhand Name (Print): John A. Minchhand Date: 06/22/95

E. MANAGEMENT FACILITY INFORMATION / DECISION

1. Proposed Management Facility: High Acres Landfill
2. Proposed Intermediate Transfer Facility: 3. Transporter: Waste Management - Buffalo
4. Management Facility Gen. Mgr. Decision (Check One) ☒ APPROVED ☐ DISAPPROVED

If Disapproved, Explain:

If Approved, List Precautions, Conditions, or Limitations on Approval:

General Mgr. Signature: Joanne Ragusa Name (Print): Joanne Ragusa Date: 6/22/95

Turn Page and Complete Side 2 (If Type B Special Waste, only complete Part J of Side 2)

GENERATOR'S WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

F. PHYSICAL CHARACTERISTICS OF WASTE (See instructions)

1. Color	2. Does the waste have a strong incidental odor?	3. Physical State @ 70 F/21 C.	4. Layers	5. Specific Gravity	6. Free Liquids:
Brown	☒ No ☐ Yes: If so describe:	☐ Solid ☐ Semi-Solid ☐ Liquid ☐ Powder ☐ Other:	☐ Multi-layered ☐ Bi-layered ☒ Single Phased	Range	☐ Yes ☒ No Volume: %

7. pH: ☐ ≤2 ☐ > 2-4 ☐ 4-7 ☐ [illegible] ☐ 7-10 ☐ 10- <12.5 ☐ ≥12.5 ☐ Range ☐ NA

8. Flash Point: ☐ None ☐ <140°F/60°C ☐ 140 - 199°F/60 - 93°C ☐ ≥200°F/93°C ☐ Closed Cup ☐ Open Cup

G. CHEMICAL COMPOSITION

	RANGE (MIN-MAX)
Soil Matrix	- %
	- %
	- %
	- %
	- %
	- %
	- %
	- %
	- %
Total	%

2. Does the waste contain any of the following? (provide concentration if known)

	NO	or	LESS THAN	or	ACTUAL
PCBs	☐		☒ < 50 ppm		____ ppm
Cyanides	☐		☐ < 30 ppm		____ ppm
Sulfides	☐		☐ < 500 ppm		____ ppm

Please note: Unless analytical results are attached, the chemical composition identification should include, at a minimum, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Silver, Pesticides, Herbicides, and any other TCLP constituents that may be present in the waste. The total composition must be greater than or equal to 100%. (.0001% = 1 ppm or 1 mg/l)

3. Indicate method used to determine composition (if provided): ☒ TCLP ☐ Total ☐ Other: ____

H. SAMPLING SOURCE (e.g., Drum, Lagoon, Pit, Pond, Tank, Vat) ____

REPRESENTATIVE SAMPLE CERTIFICATION

1. Print Sampler's Name: [illegible] 2. Sample Date: ____

3. Sampler's Title: ____

4. Sampler's Employer if other than Generator: ____

The sampler's signature certifies that any sample submitted is representative of the waste described above pursuant to 40 CFR 261.20(c) or equivalent rules.

5. Sampler's Signature: ____

J. GENERATOR CERTIFICATION

By signing this profile sheet, the Generator certifies:

1. This waste is not a "Hazardous Waste" as defined by USEPA or Canadian Federal regulation and/or the state/province.
2. This waste does not contain regulated radioactive materials or regulated concentrations of PCB's (Polychlorinated Biphenyls).
3. The unshaded portions of this sheet and the attachments contain true and accurate descriptions of the waste material. All relevant information regarding known or suspected hazards in the possession of the Generator has been disclosed.
4. The Generator has read and understands the Contractor's Definition of Special Waste included in Part B.5. of the attached instructions form. All types and amounts of special wastes provided in incidental amounts have been identified in section B.6. of this form.
5. The analytical data presented herein or attached hereto were derived from testing a representative sample taken in accordance with 40 CFR 261.20(c) or equivalent rules.
6. If any changes occur in the character of the waste, the Generator shall notify the Contractor prior to providing the waste to the Contractor.

7. Signature X: [signature] 8. Title: [illegible]

9. Name (Type or Print) X: [illegible] 10. Date X: [illegible]

LOZIER LABORATORIES, INC.

909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : AFI ENVIRONMENTAL
6101 ROBINSON RD
LOCKPORT, NY 14094

DATE REC'D. : 12/06/94
LABORATORY NO. : 94116329
REPORT DATE : 12/09/94

ATTN : BILL HEITZENRATER

RE : WMNY, GANSON ST., BUFFALO, NY

SAMPLE INFORMATION

SAMPLE DATE : 12/06/94
SAMPLE TIME : 12:20-12:47 PM
NUMBER OF SAMPLES : 3

LOCATION : SEE REFERENCE
TYPE OF SAMPLE: SOILS/SLUDGE
SAMPLER : LOZIER LABS

PESTICIDES

PARAMETER	WET WT	DRY WT	WET WT	DRY WT	WET WT	DRY WT	UNITS
	LOCATION #10		LOCATION #9		LOCATION #14		
ALPHA-ENDOSULFAN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
BETA-ENDOSULFAN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ENDOSULFAN SULFATE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ALPHA-BHC	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
BETA-BHC	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
DELTA-BHC	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
GAMMA-BHC	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ALDRIN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
DIELDRIN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
4,4-DDE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
4,4-DDD	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
4,4-DDT	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ENDRIN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ENDRIN ALDEHYDE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
HEPTACHLOR	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
HEPTACHLOR EPOXIDE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
CHLORDANE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
TOXAPHENE	<0.5	<0.6	<0.5	<0.6	<0.5	<0.8	mg/kg
METHOXYCHLOR	<0.10	<0.1	<0.10	<0.1	<0.10	<0.1	mg/kg
% SURROGATE RECOVERIES:	116	--	132	--	336*	--	%

Analysis performed by EPA Method 8080 Organochlorine Pesticides and PCB's on 11/29/94 and extracted on 12/08/94.

*High % recovery due to matrix pattern interference (acceptable range: 34-183%).

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94126329

POLYCHLORINATED BIPHENYLS

PARAMETER	WET WT	DRY WT	WET WT	DRY WT	WET WT	DRY WT	UNITS
	LOCATION #10		LOCATION #9		LOCATION #14		
PCB-1221	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB 1232	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1016	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1242	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1248	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1254	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1260	0.22	0.25	5.6	6.7	0.22	0.34	mg/kg
PCB-1262	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1268	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
TOTAL PCB's	0.22	0.25	5.6	6.7	0.22	0.34	mg/kg
**% SOLIDS	89.1	--	83.4	--	63.9	--	%
% SURROGATE RECOVERIES:	116	--	132	--	336*	--	%

Analysis performed by EPA Method 8080 Organochlorine Pesticides and PCB's on 11/29/94 and extracted on 12/08/94.

*High % recovery due to matrix pattern interference (acceptable range: 34-183%).

**Percent Solids analysis performed by EPA Method 160.3 on 12/09/94.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94126329

EPA METHOD 8270 SEMIVOLATILES (ACIDS/BASE NEUTRALS)
MATRIX : SOLID

PARAMETER	WET WT	DRY WT	WET WT	DRY WT	WET WT	DRY WT	METHOD
	LOCATION #10		LOCATION #9		LOCATION #14		BLANK
ACENAPHTHENE	<620	<700	<620	<720	<1,200	<1,900	<330
ACENAPTHYLENE	<620	<700	<620	<720	<1,200	<1,900	<330
ANTHRACENE	760	850	<620	<720	<1,200	<1,900	<330
BENZIDINE	<1,300	<1,500	<1,300	<1,600	<2,500	<3,900	<660
BENZO(a)ANTHRACENE	2,600	2,900	<620	<700	<1,200	<1,900	<330
BENZO(a)PYRENE	2,400	2,700	<620	<700	<1,200	<1,900	<330
BENZO(b)FLUORANTHENE	2,800	3,000	<620	<700	<1,200	<1,900	<330
BENZO(ghi)PERYLENE	2,000	2,200	630	800	<1,200	<1,900	<330
BENZO(k)FLUORANTHENE	1,800	2,000	<620	<700	<1,200	<1,900	<330
BENZOIC ACID	<1,300	<1,500	<1,300	<1,600	<2,500	<3,900	<660
BENZYL ALCOHOL	<1,300	<1,500	<1,300	<1,600	<2,500	<3,900	<660
BENYL BUTYL PHTHALATE	<620	<700	<620	<700	<1,200	<1,900	<330
BIS(2-CHLOROETHOXY)METHANE	<620	<700	<620	<700	<1,200	<1,900	<330
BIS(2-CHLOROETHYL)ETHER	<620	<700	<620	<700	<1,200	<1,900	<330
BIS(2-CHLOROISOPROPYL)ETHER	<620	<700	<620	<700	<1,200	<1,900	<330
BIS(2-ETHYLHEXYL)PHTHALATE	700	800	990	1,200	32,000	50,000	<330
4-BROMOPHENYLPHENYL ETHER	<620	<700	<620	<700	<1,200	<1,900	<330
4-CHLORO-3-METHYLPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
4-CHLOROANILINE	<620	<700	<620	<700	<1,200	<1,900	<330
2-CHLORONAPHTHALENE	<620	<700	<620	<700	<1,200	<1,900	<330
2-CHLOROPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
4-CHLOROPHENYL PHENYL ETHER	<620	<700	<620	<700	<1,200	<1,900	<330
CHRYSENE	2,200	2,500	<620	<700	<1,200	<1,900	<330
DIBENZO(a,h)ANTHRACNE	900	1,000	<620	<700	<1,200	<1,900	<330
DIBENZOFURAN	<620	<700	<620	<700	<1,200	<1,900	<330
1,2-DICHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
1,3-DICHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
1,4-DICHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
3,3'-DICHLOROBENZIDINE	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
DIETHYL PHTHALATE	<620	<700	<620	<700	<1,200	<1,900	<330
2,4-DICHLOROPHENOL	<620	<700	<1,200	<1,400	<1,200	<1,900	<330
DIMETHYL PHTHALATE	<620	<700	<1,200	<1,400	<1,200	<1,900	<330
DI-N-BUTYL PHTHALATE	6,000	6,700	2,700	3,000	<1,200	<1,900	1,400
DI-N-OCTYL PHTHALATE	<620	<700	<620	<700	<1,200	<1,900	<330
2,4-DINITROTOLUENE	<620	<700	<620	<700	<1,200	<1,900	<330
2,6-DINITROTOLUENE	<620	<700	<620	<700	<1,200	<1,900	<330
FLUORANTHENE	3,200	3,600	<620	<700	12,000	19,000	<330
FLOURENE	<620	<700	<620	<700	<1,200	<1,900	<330

Analysis performed by EPA Method 8270 Solid Waste on 12/08/94 and extracted on 12/07/94.
Results expressed in ug/kg.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.

909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : AFI ENVIRONMENTAL
6101 ROBINSON RD
LOCKPORT, NY 14094

ATTN : BILL HEITZENRATER

DATE REC'D. : 11/01/94
LABORATORY NO. : 94115635
REPORT DATE : 12/08/94

RE : WMNY, GANSON ST.
BUFFALO, NY

SAMPLE INFORMATION

SAMPLE DATE : 10/31/94
SAMPLE TIME : 3:15-4:00 PM
NUMBER OF SAMPLES : 3

LOCATION : SEE REFERENCE
TYPE OF SAMPLE: SOILS/SLUDGE
SAMPLER : CLIENT

LABORATORY REPORT

PARAMETER	S-1 WET WEIGHT	S-1 DRY WEIGHT	S-2 WET WEIGHT	S-2 DRY WEIGHT	S-3 WET WEIGHT	S-3 DRY WEIGHT	EPA METHOD	DATE ANALYZED
% SOLID (%)	86.8	--	95.4	--	64.1	--	160.3	11/04
TOTAL CYANIDE	1.25	1.44	0.87	0.91	1.53	2.39	9010	11/17
ARSENIC	30.7	35.3	5.31	5.58	2.54	3.96	7060	11/16
BARIUM	304	350	170	179	208	324	7080	11/08
CADMIUM	<2.13	<2.45	<2.23	<2.34	4.63	7.22	7130	11/07
CHROMIUM	31.8	36.6	18.6	19.5	19.9	31.0	7190	11/09
LEAD	342	393	49.1	51.6	83.8	131	7420	11/08
MERCURY	0.11	0.13	0.09	0.09	0.14	0.22	7471	11/10
SELENIUM	<0.41	<0.47	<0.44	<0.46	<0.20	<0.31	7740	11/16
SILVER	<2.07	<2.38	<2.22	<2.33	1.72	2.68	7760	11/09

Results expressed in mg/kg except where otherwise noted.

NYSDOH LAB ID # 10390
acq

ALAN J. LABWIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

EPA METHOD 8240 : VOLATILE ORGANICS

PARAMETER	S-1		S-2		S-3		METHOD	INSTRUMENT
	WW	DW	WW	DW	WW	DW	BLANK	BLANK (ug/l)
CHLOROMETHANE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
VINYL CHLORIDE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
BROMOMETHANE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
CHLOROETHANE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
1,1-DICHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
CARBON DISULFIDE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
ACETONE	<125	<144	66	69	<25,000	<39,000	<50	<50
METHYLENE CHLORIDE	<12	<14	<5	<5	<2,500	<3,900	17	<5
TRANS-1,2-DICHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
CIS-1,2-DICHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,1-DICHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
2-BUTANONE	<125	<144	<50	<52	<25,000	<39,000	<50	<50
CHLOROFORM	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,1,1-TRICHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
CARBON TETRACHLORIDE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
BENZENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,2-DICHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
TRICHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,2-DICHLOROPROPANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
VINYL ACETATE	<125	<144	<50	<52	<25,000	<39,000	<50	<50
BROMODICHLOROMETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
cis-1,3-DICHLOROPROPANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
4-METHYL-2-PENTANONE	<125	<144	<50	<52	<25,000	<39,000	<50	<50
TOLUENE	<12	<14	<5	<5	40,000	62,400	<5	<5
TRANS-1,3-DICHLOROPROPENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,1,2-TRICHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
TETRACHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
2-HEXANONE	<125	<144	<50	<52	<25,000	<39,000	<50	<50
DIBROMOCHLOROMETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
CHLOROBENZENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
ETHYLBENZENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
TOTAL XYLENES	<25	<29	<10	<11	<5,000	<7,800	<10	<10
STYRENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
BROMOFORM	<25	<29	<10	<11	<5,000	<7,800	<10	<10
1,1,2,2-TETRACHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
% SURROGATE RECOVERIES:								
1,2-DCE-d4 (70-121)	93 %		88 %		102 %		102 %	88 %
TOL-d8 (81-117)	118 %		114 %		99 %		99 %	98 %
4-BFB (74-121)	82 %		85 %		93 %		92 %	94 %

CASE NARRATIVE: Sample 1 had 2 grams analyzed. The presence of petroleum hydocarbons in matrix preclude lower reporting limits. Sample 3 analyzed by Medium Level Extraction Method (4 gm/10 ml); 0.025 ml/5 ml was purged and trapped FD 500x. The presence of petroleum hydrocarbons in matrix precludes lower reporting levels.

COMMENTS: WW = Wet Weight, DW = Dry Weight, Results expressed in ug/kg.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94126329

EPA METHOD 8270 SEMIVOLATILES (ACIDS/BASE NEUTRALS)
MATRIX : SOLID

PARAMETER	WET WT LOCATION #10	DRY WT LOCATION #10	WET WT LOCATION #9	DRY WT LOCATION #9	WET WT LOCATION #14	DRY WT LOCATION #14	METHOD BLANK
HEXACHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
HEXACHLOROBUTADIENE	<620	<700	<620	<700	<1,200	<1,900	<330
HEXACHLOROCYCLOPENTADIENE	<620	<700	<620	<700	<1,200	<1,900	<330
HEXACHLOROETHANE	<620	<700	<620	<700	<1,200	<1,900	<330
INDENO-(1,2,3,-c,d)PYRENE	1,700	1,900	<620	<700	<1,200	<1,900	<330
ISOPHORONE	<620	<700	<620	<700	<1,200	<1,900	<330
2-METHYL-4,6-DINITROPHENOL	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
2-METHYLNAPTHALENE	<620	<700	630	800	<1,200	<1,900	<330
2-METHYLPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
4-METHYLPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
NAPHTHALENE	<620	<700	<620	<700	<1,200	<1,900	<330
2-NITROANILINE	<620	<700	<620	<700	<1,200	<1,900	<330
3-NITROANILINE	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
4-NITROANILINE	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
NITROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
2-NITROPHENOL	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
4-NITROPHENOL	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
n-NITROSODIMETHYLAMINE	<620	<700	<620	<700	<1,200	<1,900	<330
n-NITROSODI-n-PROPYLAMINE	<620	<700	<620	<700	<1,200	<1,900	<330
n-NITROSODIPHENYLAMINE	<620	<700	<620	<700	<1,200	<1,900	<330
PENTCHLOROPHENOL	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
PHENANTHRENE	3,000	3,400	690	800	15,000	23,000	<330
PHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
PYRENE	4,600	5,000	930	1,000	16,000	25,000	<330
1,2,4-TRICHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
2,4,5-TRICHLOROPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
2,4,6-TRICHLOROPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
% SURROGATE RECOVERIES:							
ACID EXTRACTABLE							
2-FLUORPHENOL (25-121)	100	--	94	--	38	--	82
PHENOL-d5 (10-94)	96	--	96	--	31	--	76
2,4,6 TRIBROMOPHENOL(19-122)	99	--	94	--	32	--	78
NITROBENZENE-d5 (23-120)	88	--	88	--	28	--	77
2-FLUOROBIPHENYL (30-115)	100	--	100	--	47	--	82
TERPHENYL-d14 (18-137)	112	--	118	--	51	--	84

Analysis performed by EPA Method 8270 Solid Waste on 12/08/94 and extracted on 12/06/94.
Results expressed in ug/kg.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOWER LABORATORIES

CHAIN OF CUSTODY RECORD

Client Name: AFI Environmental

Mailing Address: 6103 Robinson Rd
Lockport, NY 14094

LABORATORY NO: 94111 5635

Project Name: WMNY, Gansen St, Buffalo, NY

SAMPLE IDENTIFICATION	DATE	TIME	LOCATION	SAMPLE TYPE	ANALYSIS: BNA, Pest/PCB, TCL, TCL Inorganics	NUMBER OF CONTAINERS	REMARK
S-1	10/31/94	15:15	SS-10	Soil	✓ ✓ ✓ ✓	4 2-8oz	Hand Auger
S-2	10/31/94	15:50	SS-11	Soil	✓ ✓ ✓ ✓	4 2-8oz	Hand Auger
S-3	10/31/94	16:00	SS-14	Sludge	✓ ✓ ✓ ✓	4 2-8oz	Catch Basin

SAMPLED BY: Scott M. Cody
SIGN

RELINQUISHED BY: 1 Scott M. Cody SIGN 11/1/94 DATE 13:56 TIME

2 SIGN DATE TIME

3 SIGN DATE TIME

4 SIGN DATE TIME

RECEIVED BY: 1 SIGN DATE TIME

2 SIGN DATE TIME

3 SIGN DATE TIME

4 SIGN DATE TIME

METHOD OF SHIPMENT: Client drop-off

Scott M. Cody
SIGN

RECEIVED FOR LABORATORY BY:
SIGN
DATE 11/1/94
TIME 1564

LAB ZIER LABORATORIES

CHAIN OF CUSTODY RECORD

ATTN: BILL HEITZENRATER

Client Name: AFI ENVIRONMENTAL

Mailing Address:

Results by FRIDAY 12/9

LABORATORY NO: 6329

Project Name: GRAYSON ST, BUFFALO N.Y. Resamples

SAMPLE IDENTIFICATION	DATE	TIME	LOCATION	SAMPLE TYPE	ANALYSIS: Semi VOA TCL	ANALYSIS: PCB/PEST.	NUMBER OF CONTAINERS	REMARK
Soil-Surface-6" #1	12-6-94	1220	Location #10	Comp. Grab	X	X	1	
Soil Surface-6" #2	"	1257	Location #7	Comp	"	"	1	
Sludge #3	"	1247	Location #14	Comp	"	"	1	

SAMPLED BY: B. Cahill (SIGN)

	1	2	3	4
RELINQUISHED BY:	SIGN: B Cahill DATE: 12-6-94 TIME: 1445	SIGN: DATE: TIME:	SIGN: DATE: TIME:	SIGN: DATE: TIME:
RECEIVED BY:	SIGN: DATE: TIME:	SIGN: DATE: TIME:	SIGN: DATE: TIME:	SIGN: DATE: TIME:

METHOD OF SHIPMENT: Hand

SIGN: B Cahill

RECEIVED FOR LABORATORY BY:

SIGN:

DATE: 12/6/94 TIME: 2:45

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94126329

CASE NARRATIVE
FOR LOZIER LABORATORY REPORT 94116329

PROBLEM TYPE:

H - HOLDING TIME
T - TUNE
S - SURROGATES
B - BLANKS
C - CALIBRATION
D - DUPLICATES
D - DILUTION
I - INTERNAL STANDARDS
M - MS/MSD/MSB
X - _____
Y - _____
Z - _____

PROBLEM	SAMPLE	ANALYST'S COMMENTS
D	1,2,3	The sample extracts were dark brown and viscous. The presence of petroleum hydrocarbons in the analysis precludes lower reporting levels.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

High Acres Landfill & Recycling Center
425 Pennton Parkway
Fairport, New York 14450
716/223-6132

A Waste Management Comp.

Date: 6/23/95

John Swanson
NYSDEC
6274 East Avon-Lima Rd.
Avon, NY 14414

Dear John,

In accordance with the last paragraph in section IV item 44 of the High Acres Western Expansion Landfill operating permit, please find the attached disposal approval for:

Generator: WM - Buffalo

Waste Stream: cont. soil

Hauler: WM - Buffalo

One Time Disposal:____ Initial Profile: ✓ Recertification:____

Please feel free to contact me should you have any questions.

Sincerely,

Joanne Raguso

Joanne Raguso
Division Compliance Coordinator

Attachment

cc: file

High Acres Landfill
425 Perinton Parkway
Fairport, NY 14450
(716)223-6132

Manifest NO 1270
Western Expansion Site Permit No. NYS DEC 8-2644-00048/00021-0
High Acres Site Permit No. NYSDEC 8-2644-00048/00003

NON-HAZARDOUS SPECIAL WASTE MANIFEST

Generator Section

Generator of Waste (must be filled in by producer) NMG NY - Buffalo
EPA. ID. NO.

Company Address: (Print or Type) 70 N. Gates Lackawanna NY
(No.) (Street) (City) (State) (Zip)

Pick-up Address: 191 Gaines St Buffalo NY
(No.) (Street) (City) (State) (Zip)

Telephone Number: (716) 827-2698

Waste Stream Identification: Contaminated Soil

This manifest represents a non-hazardous waste as per E.P.A. and N.Y.S. D.E.C. regulations

Est Tons: 22 Other (Specify):

Special Handling instructions, if any: None
TARP LOAD

This is to certify that the above named materials are properly classified, described, packages, marked and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 6/29/95 Signature:
(Name and Title)

Transportation Section

Hauler of Waste (must be filled in by hauler) ZOLADZ CONST
ADDRESS: 13999 BROADWAY, ALDEN N.Y. 14004
Pick-up Date: 6-30-95 Truck No. 27 Vehicle Lic. No. PRT554 NY

The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify that the foregoing is true and correct to the best of my knowledge. 34666 G MI

Signature of authorized agent and title (DRIVER) Date: 6-30-95

Disposal Facility

Disposer of Waste (must be filled in by the disposer)
Company Name: High Acres Landfill
Site Location: 425 Perinton Parkway Fairport, NY 14450

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on:

Disposal Date: 6/30/95 Total Tons: Other (Specify):
Signature of authorized agent and title: Scale Operator

White & Canary - Landfill Pink - Hauler Golden Rod - Generator

Lake View Landfill
851 Robison Road
Erie, PA 16509
(814) 825-8588
(800) 394-3455
Office Fax: (814) 825-4338
Lab Fax: (814) 825-4588

Landfill Use Only:
41 42 43 44 47 48 55 ____

PADER Site Permit No. 100329

Manifest 5149

Disposal to be billed to: _____
(Must be filled in by generator)

NON-HAZARDOUS RESIDUAL WASTE MANIFEST

GENERATOR INFORMATION

1. Generator of Waste (must be filled in by Generator): WME/NY/INC

Company Address: 70 (number) NORTH (street) GATES (city) BUFFALO (state) NY (zip code) 14225

Pick-up Address: 191 (number) CANISIUS (street) ST (city) BUFFALO (state) NY (zip code) 14213

Generator Telephone Number: 716 - 827-6640

Name of Waste: SOIL

This manifest represents a non-hazardous waste as per E.P.A. and Pennsylvania D.E.R. regulations.

Estimated Tons: _____ Special handling instructions, if any: _____

This is to certify that the above named material is properly classified, described, packaged, marked, and labeled is in proper condition for transportation according to applicable state and federal law. The waste was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

Signature: [signature] - DISPATCH (Name and Title) Date: _____

TRANSPORTER INFORMATION

2. Hauler of Waste (must be filled in by Hauler): WME/NY/INC

Hauler Address: 70 (number) NORTH (street) GATES (city) BUFFALO (state) NY (zip code) 14218

Pick-up Date: 7.3.95 Truck Number: 478 Vehicle License Number: _____

The above described waste was picked up and hauled by me to the disposal facility named below. I certify that the foregoing is true and correct to the best of my knowledge.

Driver Signature: Mike Donovan (Name and Title) Date: 7.3.95

DISPOSAL SITE INFORMATION

3. Company Name: ~~Lake View Landfill~~ HIGH ACRES

Disposal Site Location: ~~851 Robison Road, East, Erie, PA 16509~~

Waste subject to this manifest was delivered by the above hauler to this disposal facility and was accepted, except as noted in the discrepancy indication space below.

Disposal Date: 7/3/95 Total Tons: _____

Discrepancy Indication Space: _____

Signature of authorized agent: [signature] - Scale Op (Name and Title)

White - Landfill Canary - Generator Final Green - 3rd Party Pink - Hauler Goldenrod - Generator Original

Lake View Landfill
851 Robison Road
Erie, PA 16509
(814) 825-8588
(800) 394-3455
Office Fax: (814) 825-4338
Lab Fax: (814) 825-4588

Landfill Use Only:
41 42 43 44 47 48 55 ____

PADER Site Permit No. 100329

Manifest 61490

Disposal to be billed to: _____
(Must be filled in by generator)

NON-HAZARDOUS RESIDUAL WASTE MANIFEST

GENERATOR INFORMATION

1. Generator of Waste (must be filled in by Generator): WMI/NY INC

Company Address: 791 70 NORTH CATES BUFFALO NY 14215
(number) (street) (city) (state) (zip code)

Pick-up Address: 191 CANSON ST BUFFALO NY 14207
(number) (street) (city) (state) (zip code)

Generator Telephone Number: 716- 828-2670

Name of Waste: SOIL

This manifest represents a non-hazardous waste as per E.P.A. and Pennsylvania D.E.R. regulations.

Estimated Tons: _____ Special handling instructions, if any: _____

This is to certify that the above named material is properly classified, described, packaged, marked, and labeled is in proper condition for transportation according to applicable state and federal law. The waste was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

Signature: Joe Rzych DISPATCH Date: _____
(Name and Title)

TRANSPORTER INFORMATION

2. Hauler of Waste (must be filled in by Hauler): WMI/NY INC

Hauler Address: 70 N CATES BUFFALO NY 14206
(number) (street) (city) (state) (zip code)

Pick-up Date: 7.3.95 Truck Number: 478 Vehicle License Number: _____

The above described waste was picked up and hauled by me to the disposal facility named below. I certify that the foregoing is true and correct to the best of my knowledge.

Driver Signature: Mike Donovan Date: 7.3.95
(Name and Title)

DISPOSAL SITE INFORMATION

3. Company Name: ~~Lake View Landfill~~ High Acres

Disposal Site Location: ~~851 Robison Road, East, Erie, PA 16509~~

Waste subject to this manifest was delivered by the above hauler to this disposal facility and was accepted, except as noted in the discrepancy indication space below.

Disposal Date: 7/3/95 Total Tons: _____

Discrepancy Indication Space: _____

Signature of authorized agent: _____ Scale Op
(Name and Title)

White - Landfill Canary - Generator Final Green - 3rd Party Pink - Hauler Goldenrod - Generator Original

Lake View Landfill
851 Robison Road
Erie, PA 16509
(814) 825-8588
(800) 394-3455
Office Fax: (814) 825-4338
Lab Fax: (814) 825-4588

#479

Landfill Use Only:
41 42 43 44 47 48 55 ____

PADER Site Permit No. 100329

Manifest 01491

Disposal to be billed to: _____
(Must be filled in by generator)

NON-HAZARDOUS RESIDUAL WASTE MANIFEST

GENERATOR INFORMATION

1. Generator of Waste (must be filled in by Generator): WMI/NY INC

Company Address: 70 (number) NORTH GATES (street) BUFFALO (city) NY (state) 14213 (zip code)

Pick-up Address: 191 (number) CANAL (street) ST (city) BUFFALO (state) NY 14213 (zip code)

Generator Telephone Number: 716-827-2640

Name of Waste: CONTAMINATED SOIL

This manifest represents a non-hazardous waste as per E.P.A. and Pennsylvania D.E.R. regulations.

Estimated Tons: _____ Special handling instructions, if any: _____

This is to certify that the above named material is properly classified, described, packaged, marked, and labeled is in proper condition for transportation according to applicable state and federal law. The waste was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

Signature: Joseph [illegible] (Name and Title) Date: 7-5-95

TRANSPORTER INFORMATION

2. Hauler of Waste (must be filled in by Hauler): WMI/NY INC

Hauler Address: 70 (number) NORTH GATES (street) BUFFALO (city) NY (state) 14213 (zip code)

Pick-up Date: 7-5-95 Truck Number: 477 Vehicle License Number: PA 7638

The above described waste was picked up and hauled by me to the disposal facility named below. I certify that the foregoing is true and correct to the best of my knowledge.

Driver Signature: Mike Krombe (Name and Title) Date: 7-5-95

DISPOSAL SITE INFORMATION

3. Company Name: ~~Lake View Landfill~~ HIGH ACRES

Disposal Site Location: ~~851 Robison Road, East, Erie, PA 16509~~

Waste subject to this manifest was delivered by the above hauler to this disposal facility and was accepted, except as noted in the discrepancy indication space below.

Disposal Date: 7/6/95 Total Tons: _____

Discrepancy Indication Space: _____

Signature of authorized agent: [illegible] (Name and Title)

White - Landfill Canary - Generator Final Green - 3rd Party Pink - Hauler Goldenrod - Generator Original

Lake View Landfill
951 Robison Road
Erie, PA 16509
(814) 825-8588
(800) 394-3455
Office Fax: (814) 825-4338
Lab Fax: (814) 825-4588

478

Landfill Use Only:
41 42 43 44 47 48 55 ____

PADER Site Permit No. 100329

Manifest 61492

Disposal to be billed to: _____
(Must be filled in by generator)

NON-HAZARDOUS RESIDUAL WASTE MANIFEST

GENERATOR INFORMATION

1. Generator of Waste (must be filled in by Generator): WMI/NY/INC

Company Address: 70 (number) NORTH (street) GATES (city) BUFFALO (state) NY (zip code) 14213

Pick-up Address: 191 (number) WASSON (street) ST (city) BUFFALO (state) NY (zip code) 14203

Generator Telephone Number: (716) 827-2640

Name of Waste: CONTAMINATED SOIL

This manifest represents a non-hazardous waste as per E.P.A. and Pennsylvania D.E.R. regulations.

Estimated Tons: _____ Special handling instructions, if any: _____

This is to certify that the above named material is properly classified, described, packaged, marked, and labeled is in proper condition for transportation according to applicable state and federal law. The waste was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

Signature: Joseph Lyon (Name and Title) Date: _____

TRANSPORTER INFORMATION

2. Hauler of Waste (must be filled in by Hauler): WMI/NY/INC

Hauler Address: 70 (number) NORTH (street) GATES (city) BUFFALO (state) NY (zip code) 14218

Pick-up Date: 7.5.95 Truck Number: 478 Vehicle License Number: _____

The above described waste was picked up and hauled by me to the disposal facility named below. I certify that the foregoing is true and correct to the best of my knowledge.

Driver Signature: Mike Donovan (Name and Title) Date: 7.5.95

DISPOSAL SITE INFORMATION

3. Company Name: ~~Lake View Landfill~~ HILLTOP ACRES

Disposal Site Location: ~~951 Robison Road, East, Erie, PA 16509~~

Waste subject to this manifest was delivered by the above hauler to this disposal facility and was accepted, except as noted in the discrepancy indication space below.

Disposal Date: 7/5/95 Total Tons: _____

Discrepancy Indication Space: _____

Signature of authorized agent: _____ (Name and Title)

White - Landfill Canary - Generator Final Green - 3rd Party Pink - Hauler Goldenrod - Generator Original

Lake View Landfill
851 Robison Road
Erie, PA 16509
(814) 825-8588
(800) 394-3455
Office Fax: (814) 825-4338
Lab Fax: (814) 825-4588

#478

Landfill Use Only:
41 42 43 44 47 48 55 ____

PADER Site Permit No. 100329

Manifest 61493

Disposal to be billed to: _____
(Must be filled in by generator)

NON-HAZARDOUS RESIDUAL WASTE MANIFEST

GENERATOR INFORMATION

1. Generator of Waste (must be filled in by Generator): WMI/NY INC

Company Address: 70 (number) SOUTH (street) GATES (city) BUFFALO (state) NY (zip code) 14213

Pick-up Address: 191 (number) CANNON (street) ST (city) BUFFALO (state) NY (zip code) 14603

Generator Telephone Number: 716 - 822-2640

Name of Waste: CONTAMINATED SOIL

This manifest represents a non-hazardous waste as per E.P.A. and Pennsylvania D.E.R. regulations.

Estimated Tons: _____ Special handling instructions, if any: _____

This is to certify that the above named material is properly classified, described, packaged, marked, and labeled is in proper condition for transportation according to applicable state and federal law. The waste was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

Signature: Joseph Agnello (Name and Title) Date: _____

TRANSPORTER INFORMATION

2. Hauler of Waste (must be filled in by Hauler): WMI/NY INC

Hauler Address: 70 (number) SOUTH GATES (street) BUFFALO (city) NY (state) 14213 (zip code)

Pick-up Date: 7-5-95 Truck Number: 478 Vehicle License Number: _____

The above described waste was picked up and hauled by me to the disposal facility named below. I certify that the foregoing is true and correct to the best of my knowledge.

Driver Signature: Mike Donovan (Name and Title) Date: 7-5-95

DISPOSAL SITE INFORMATION

3. Company Name: ~~Lake View Landfill~~ Hyo-Tech Acres

Disposal Site Location: ~~851 Robison Road, East, Erie, PA 16509~~

Waste subject to this manifest was delivered by the above hauler to this disposal facility and was accepted, except as noted in the discrepancy indication space below.

Disposal Date: 7/5/95 Total Tons: _____

Discrepancy Indication Space: _____

Signature of authorized agent: _____ (Name and Title)

White - Landfill Canary - Generator Final Green - 3rd Party Pink - Hauler Goldenrod - Generator Original

Lake View Landfill
851 Robison Road
Erie, PA 16509
(814) 825-8588
(800) 394-3455
Office Fax: (814) 825-4338
Lab Fax: (814) 825-4588

#477

Landfill Use Only:
41 42 43 44 47 48 55 ____

PADER Site Permit No. 100329

Manifest 61494

Disposal to be billed to: _____
(Must be filled in by generator)

NON-HAZARDOUS RESIDUAL WASTE MANIFEST

GENERATOR INFORMATION

1. Generator of Waste (must be filled in by Generator): WMI/NY IDL

Company Address: 70 (number) NORTH (street) GATES (city) BUFFALO (state) NY (zip code) 14213

Pick-up Address: 191 (number) CANSON (street) ST (city) BUFFALO (state) NY (zip code) 14203

Generator Telephone Number: (716) 827-2640

Name of Waste: CONTAMINATED SOIL

This manifest represents a non-hazardous waste as per E.P.A. and Pennsylvania D.E.R. regulations.

Estimated Tons: _____ Special handling instructions, if any: _____

This is to certify that the above named material is properly classified, described, packaged, marked, and labeled is in proper condition for transportation according to applicable state and federal law. The waste was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

Signature: Jospeh Lyle (Name and Title) Date: 7-5-95

TRANSPORTER INFORMATION

2. Hauler of Waste (must be filled in by Hauler): WMI/NY IDL

Hauler Address: 70 (number) NORTH (street) GATES (city) BUFFALO (state) NY (zip code) 14218

Pick-up Date: 7-5-95 Truck Number: 477 Vehicle License Number: PA-7638

The above described waste was picked up and hauled by me to the disposal facility named below. I certify that the foregoing is true and correct to the best of my knowledge.

Driver Signature: Mike T Kronke (Name and Title) Date: 7-5-95

DISPOSAL SITE INFORMATION

3. Company Name: ~~Lake View Landfill~~ HIGH ACRES

Disposal Site Location: ~~851 Robison Road, East, Erie, PA 16509~~

Waste subject to this manifest was delivered by the above hauler to this disposal facility and was accepted, except as noted in the discrepancy indication space below.

Disposal Date: 7/6/95 Total Tons: _____

Discrepancy Indication Space: _____

Signature of authorized agent: _____ (Name and Title)

White - Landfill Canary - Generator Final Green - 3rd Party Pink - Hauler Goldenrod - Generator Original

APPENDIX C

PHOTOGRAPH DESCRIPTION

1) Plugged Storm Water Drain South of Shop

2) Plugged Storm Water Drain East of Shop

3) Plugged Storm Water Drain South East of Shop

4) Petroleum Stains Along East Fence

5) Excavation Near UST Tank Area

6) Petroleum Stains Along Building

7) Spot Clean Up Along East Property Line

8) Excavation Near Roll-Off Staging Area

9) Spot Clean Up South Parking Lot

10) Drum Removal North West Corner

11) Drill Cuttings Drum

12) Drum Removal North East Corner

13) Cleaned Storm Drain East of Shop

14) Cleaned Storm Drain South of Shop

15) Cleaned Storm Drain South East of Shop

16) New Pavement East of Shop

17) New Pavement South of Shop

18) Spot Clean Up East of Shop

19) Filling Roll-Off Staging Area Excavation

20) Regraded UST Location

21) Regraded Tank Roll-Off



1



2



3



4



5



6



7



8



9



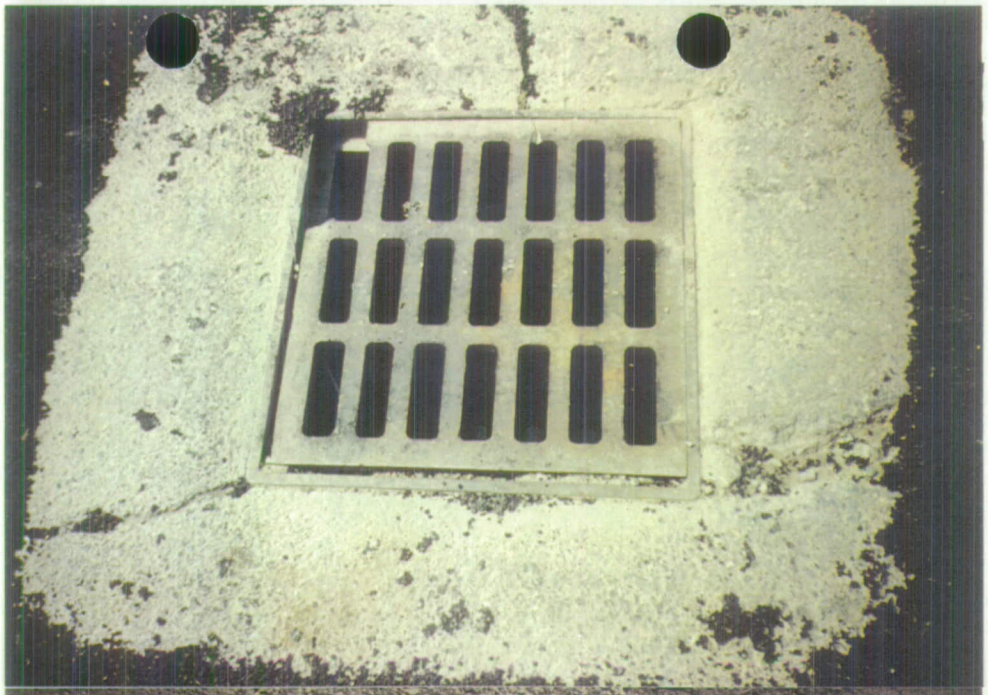
10



1



12



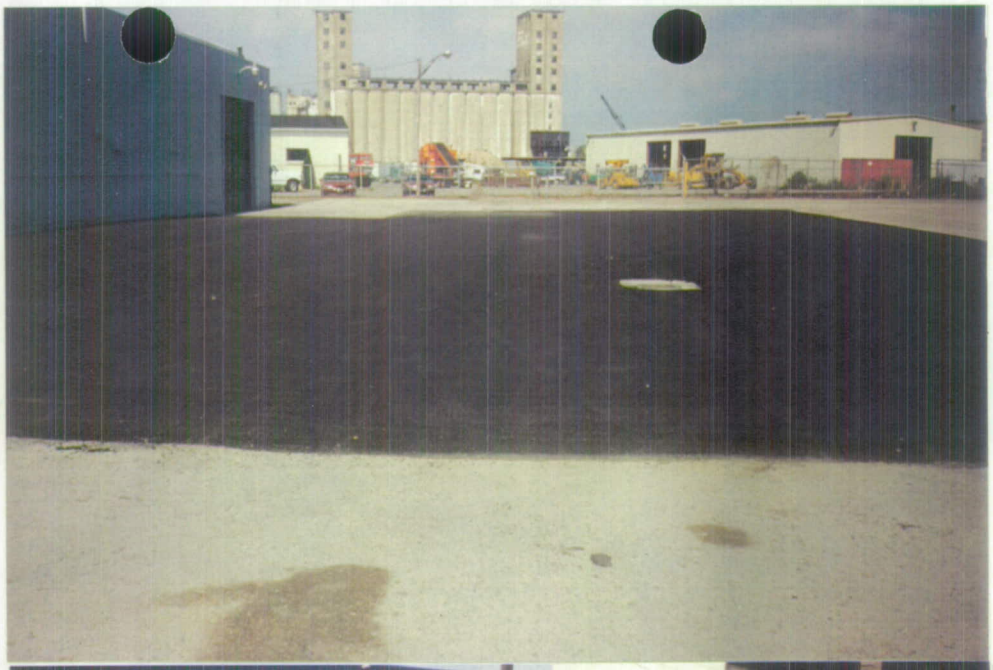
13



14



15



16



17



18



19



20



21

High Acres Landfill & Recycling Center
425 Perinton Parkway
Fairport, New York 14450
716/223-6132

A Waste Management Company

May 12, 1995

9501488

RECEIVED
MAY 16 1995
NYSDEC-REG. 9
FOIL
REL UNREL

Rob Crossen
NYSDEC - Spills Management
270 Michigan Avenue
Buffalo, New York, 14203-2999

RML
SJC
RMC

Re: Remedial Investigations WMNY - Ganson Street Property

SYNOPSIS ?

Dear Mr. Crossen:

Enclosed with this letter are copies of the Phase II and Phase III (Remedial Soil Investigation) reports that have been generated as part of an environmental assessment being perform at the Waste Management of New York, Inc. hauling division property on Ganson Street in Buffalo, N.Y.. Also included with the two reports is a copy of the work plan for the Phase III investigation. As I mentioned during our recent telephone conversation, the environmental assessment was performed as part of a purchase and sale agreement, where WMNY was selling the Ganson Street property to another party.

As the result of the various phases of the environmental assessment, it has been noted that there are localized areas of impacted soil as the result of fueling spills and leakage from parked vehicles. The impacted areas are nothave ed in the attached Phase III report. When you review the Phase II report you will note that five shallow overburden monitoring wells been installed and that groundwater samples have been obtained and analyzed with no impacts observed. In addition several soil and sediment samples were obtained and the results of these samples prompted the Phase III investigation.

The Phase III investigation contains recommendations for soil removal and additional testing to document that the impacted soils have been removed. We would like to be able to initiate the soil removal and additional testing as soon as possible, since the hauling division will be required to vacate the property to the new owner by mid June 1995.

Your timely review of these reports is very much appreciated. Please feel free to contact me, should you have any questions or comments regarding this matter. Thank-you.

Sincerely,

John A. Minichiello
Environmental Engineering Manager

AFI ENVIRONMENTAL
A Division of Buffalo Environmental Consultants, Inc.
7815 Buffalo Avenue • Niagara Falls, New York 14304
Office: (716) 283-7645 Fax: (716) 283-2858

REMEDIAL ACTION PLAN
SOIL INVESTIGATION REPORT

DOWNING CONTAINER
191 GANSON STREET, BUFFALO, NEW YORK

PROJECT #H1025

PREPARED FOR:

WASTE MANAGEMENT OF NEW YORK
425 PERINGTON PARKWAY
FAIRPORT, NEW YORK
14450

PREPARED BY

AFI ENVIRONMENTAL
7815 BUFFALO AVENUE
NIAGARA FALLS, NEW YORK
14304

May 8, 1995

Printed on recycled paper
to help protect the environment.

AFI
ENVIRONMENTAL
A Division of Buffalo Environmental Consultants, Inc.
7815 Buffalo Avenue • Niagara Falls, New York 14304
Office: (716) 283-7645 Fax: (716) 283-2858

May 8, 1995

Mr. John A. Minichiello
425 Perinton Parkway
Fairport, NY 14450

RE: Remedial Soil Investigation Report
Downing Container Services - 191 Ganson St., Buffalo NY
AFI Project # h1025.1

Dear Mr. Minichiello:

Please find enclosed three copies of the Ganson Street Remedial Action Soil Investigation Report for the Downing Container Services 191 Ganson Street, Buffalo, New York location. One Copy is within scope of the original budget, and two copies provided for the New York State DEC are out-of-scope of the original budget.

If you need a change order for the two extra reports please let us know. Should you have any questions, please don't hesitate to call me at (716) 283-7645.

Sincerely,

AFI ENVIRONMENTAL

William L. Heitzenrater
President

Enclosure

h1025/letters/Minichiello

Printed on recycled paper
to help protect the environment.

TABLE OF CONTENTS

1.0	INTRODUCTION	1
1.1	BACKGROUND	1
1.2	PURPOSE AND OBJECTIVES	1
1.3	SCOPE OF WORK	2
2.0	SITE DESCRIPTION	2
3.0	PREVIOUS STUDIES	3
3.1	PHASE I ENVIRONMENTAL ASSESSMENT	3
3.2	PHASE I CONCLUSIONS	4
3.3	MODIFIED PHASE II INVESTIGATION	4
3.3.1	SOIL BORINGS	5
3.3.2	SEDIMENT SAMPLES	5
3.3.3	SAMPLE COLLECTION/SCREENING AND ANALYSIS	5
3.3.4	SOIL	5
3.3.5	SOIL RESULTS	6
3.3.6	GROUNDWATER	6
3.4	PHASE II CONCLUSIONS/RECOMMENDATIONS	6
4.0	REMEDIAL PROGRAM	7
4.1	OVERVIEW	7
4.1.1	HOMOGENIZED COMPOSITE SAMPLES	8
4.1.2	STATISTICAL SAMPLING GRID	8
4.2	ANALYTICAL TESTING	8
5.0	RESULTS	8
6.0	CONCLUSIONS	9
AFI	RECOMMENDATIONS	9

LIST OF FIGURES

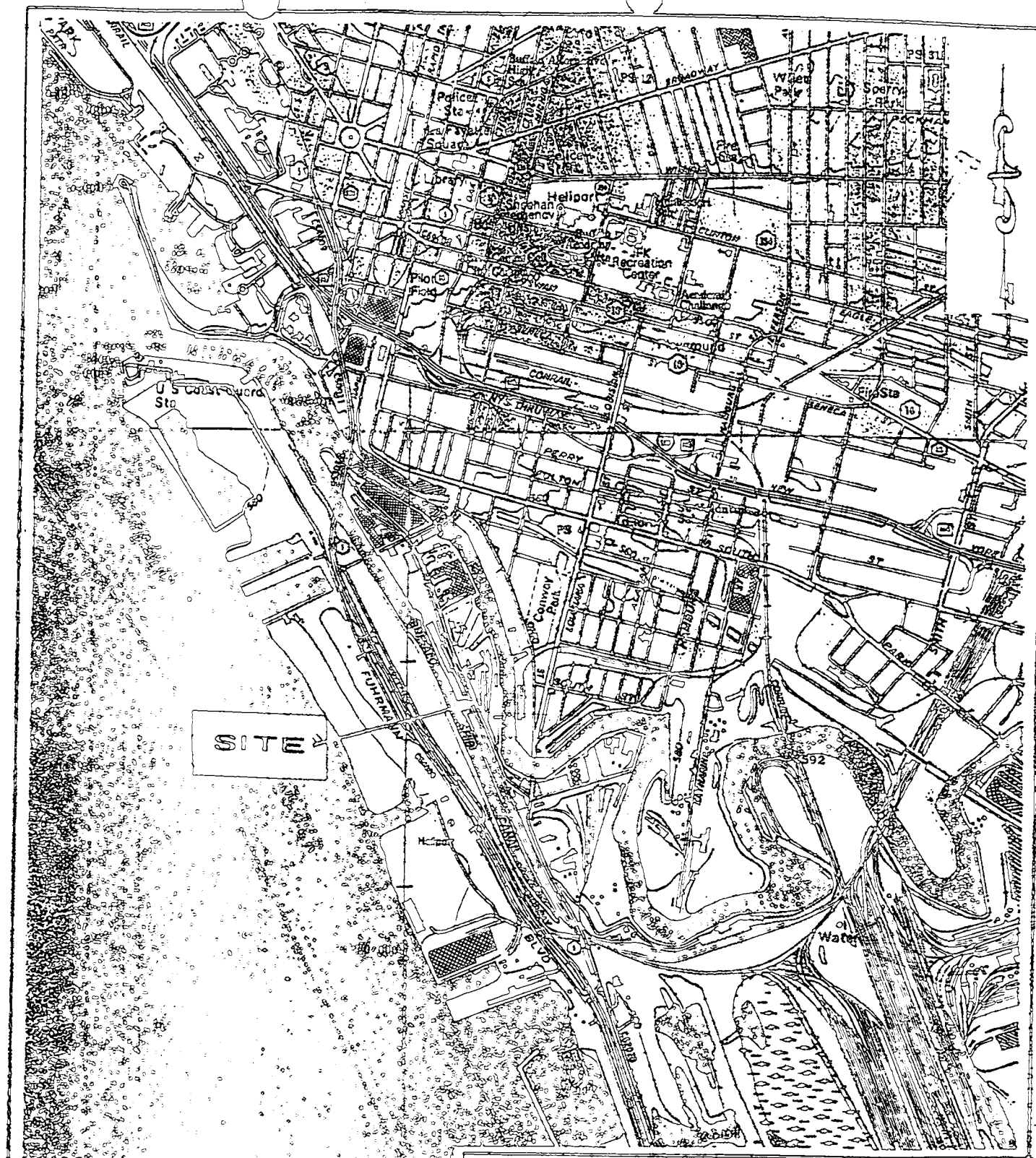
FIGURE 1: SITE LOCATION MAP

FIGURE 2: SITE PLAN

FIGURE 3: SAMPLE LOCATIONS - PHASE II INVESTIGATION AFI ENVIRONMENTAL

FIGURE 4: STUDY AREAS - REMEDIAL INVESTIGATION

APPENDIX A



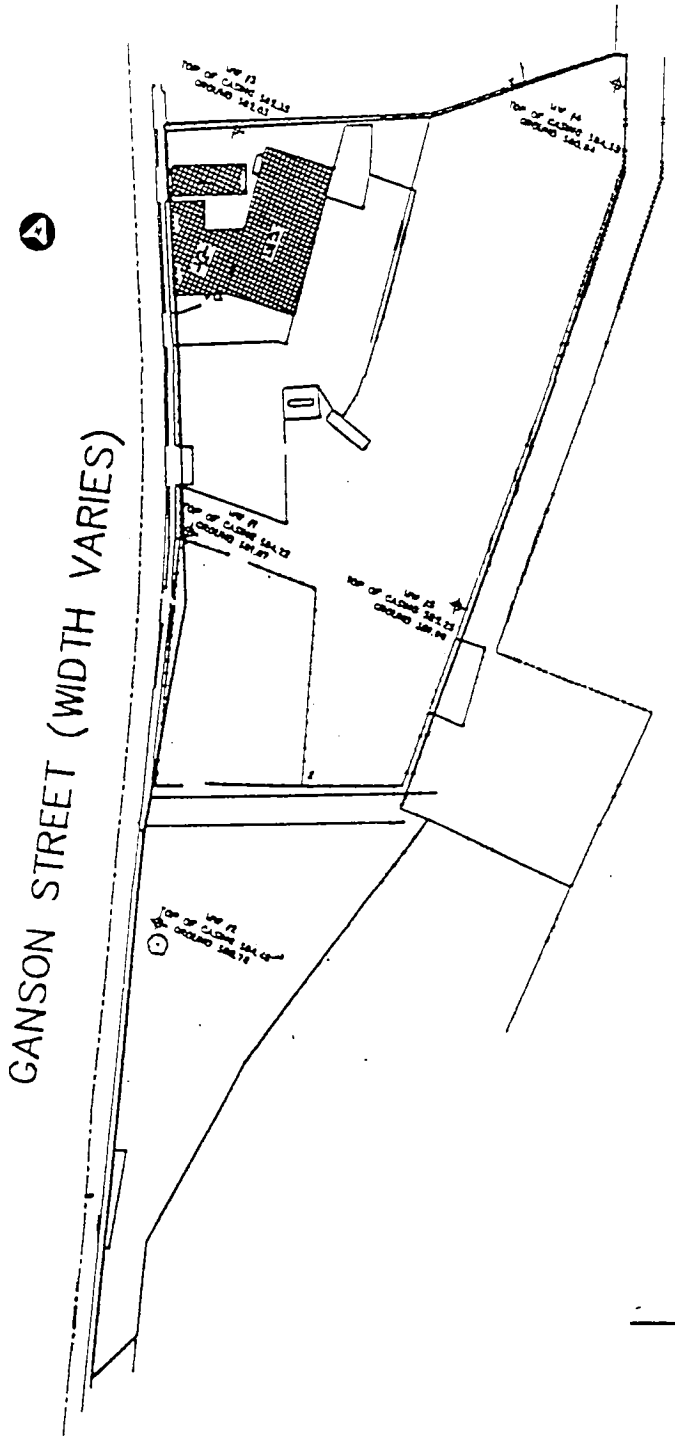
SITE LOCATION MAP

191 GANSON STREET PHASE 1 - ESA

1:24,000 ○ PROJECT NO. H1025

AFI ENVIRONMENTAL
6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO. 1



WENDEL

PART OF LOT		SEC.	TWP.	RGE.
CITY	BUFFALO		DATE	11/14/1994
COUNTY	ERIE, NY		SCALE	1"=100'

SITE PLAN

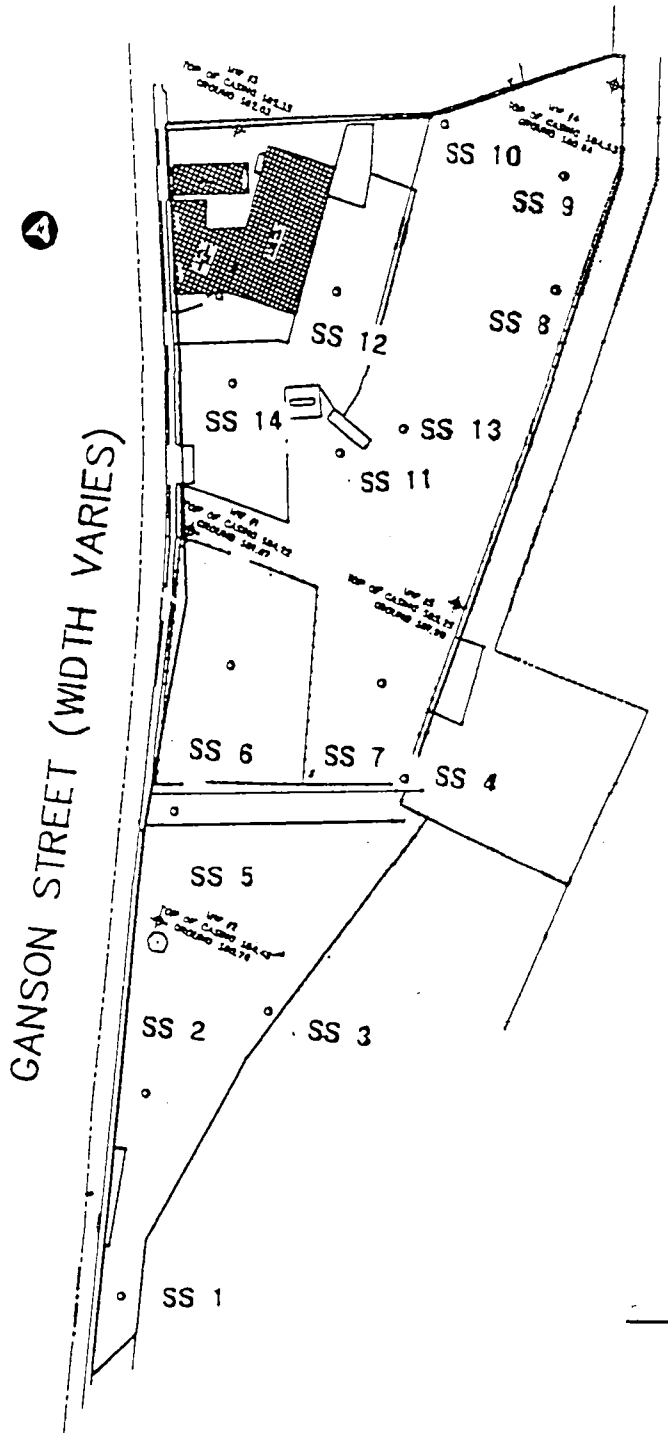
191 GANSON STREET PHASE 2

● PROJECT NO. H 1025

AFI ENVIRONMENTAL

6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO. 2



LEGEND

PROPERTY LINE

- MONITORING WELL

ELEVATIONS SHOWN ARE REFERENCED TO NGVD'29

'SOIL SAMPLE

WENDEL

7456 CASEL ROAD, P.O. BOX 389
LOCKPORT, N.Y. 14095 716-433-9963 716-625-9229

PART OF LOT		SEC.	
CITY	BUFFALO	TWP.	
COUNTY	ERIE, NY	DATE	11/14/1994
		SCALE	1"=100'

SOIL SAMPLE LOCATIONS

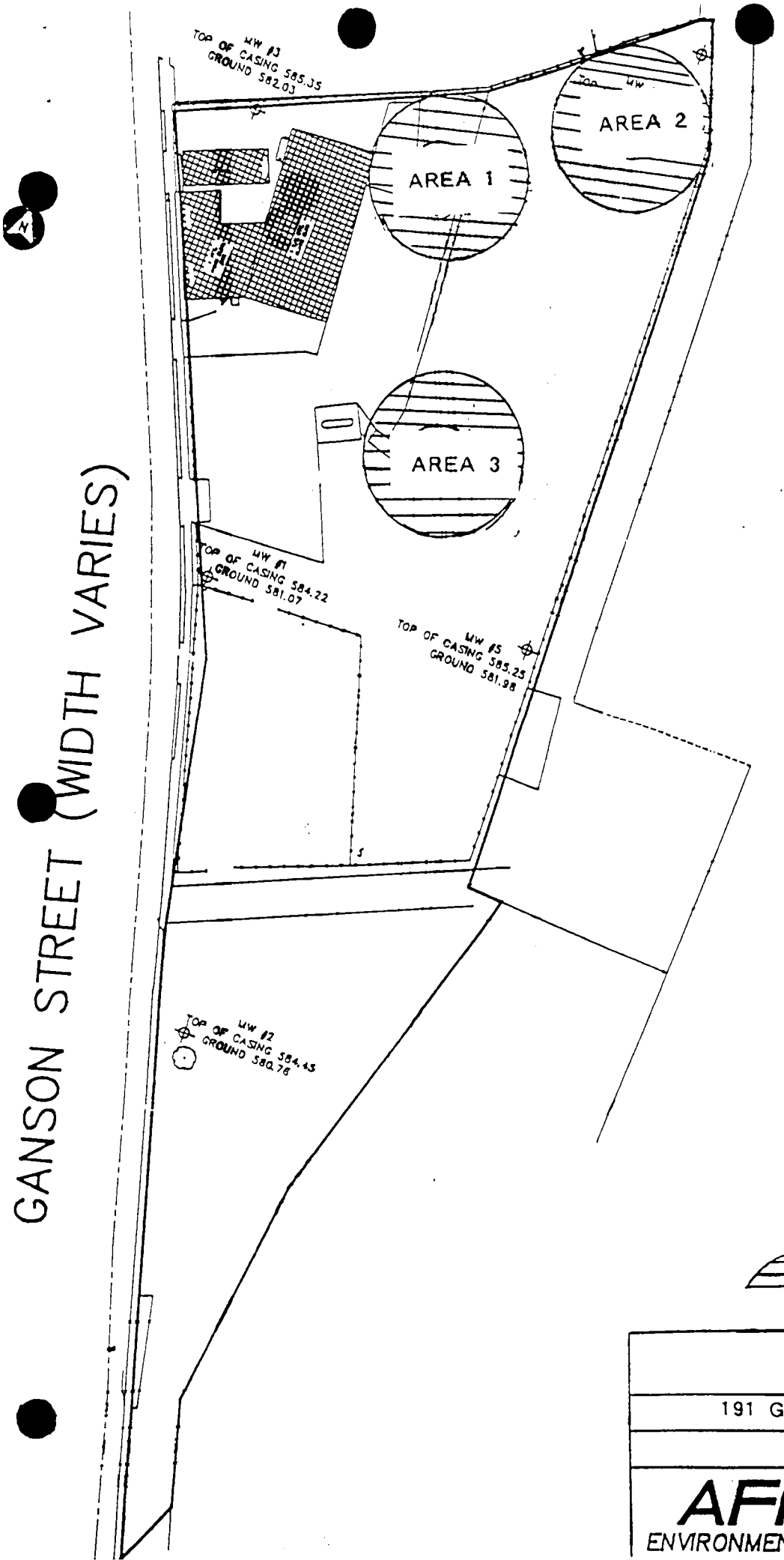
191 GANSON STREET PHASE 2

● PROJECT NO. H 1025

AFI ENVIRONMENTAL

6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO. 3



STUDY AREAS

191 GANSON STREET PHASE 2

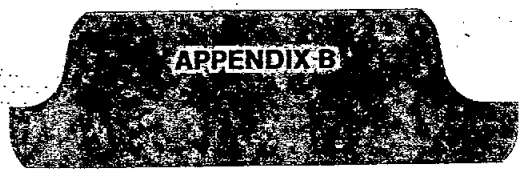
● PROJECT NO. H 1025

AFI ENVIRONMENTAL

6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE N

4


APPENDIX B

1.0 INTRODUCTION

1.1 BACKGROUND

AFI Environmental has prepared this **Remedial Soil Investigation Report (RSIP)** on behalf of Waste Management of New York, Inc. This RSIP is intended to address petroleum impacted soil and sediment encountered at the Downing Container Facility located at 191 Ganson Street, Buffalo, New York (Figure 1). This facility is the storage yard and repair shop for Waste Management of New York's Downing Container Division's garbage pickup, roll-off and rental operation. This RSIP was prepared to address potential areas of environmental concern (AECs) identified in a Phase I Investigation conducted on October 1994 and a modified Phase II Investigation completed on December 1994. The ESA and subsequent Phase II Investigation resulted in the detection of low level organic, inorganic, and PCB constituents in soil and sediment samples collected at the Ganson Street site. The areas of the site in which constituents were indicated include the following (refer to Figure 3).

The chemical analysis of sediment samples collected from within the storm sewer staging areas and gas islands indicated the presence of semi-volatile organic compounds (SVOC), PCBs metals at concentrations which exceed NYSDEC guidance levels. Potential sources which may have individually or collectively resulted in the impact to sediment and soil samples include petroleum based fluids utilized for facility operations; runoff of liquids from the garbage trucks or roll off boxes and fluid leakage from parked trucks and automobiles. Potential pathways of releases from these sources to the storm water control system include; runoff received by the storm sewer from the exterior roll off and truck staging area or fueling islands; and runoff from the parking area captured by the storm sewer.

1.2 PURPOSE AND OBJECTIVES

Waste Management of New York, Inc. retained AFI Environmental to further investigate the areal extent and composition of impact constituents in an attempt, to identify the cost to mitigate existing soil/sediment contamination at their 191 Ganson Street Waste management facility.

This RSIP has been developed for the private use of Waste Management, but in accordance with NYSDEC guidance memorandum.

This report presents the results of previous investigations conducted at the project site; outlines the scope of the Remedial Investigative program, identified the equipment and procedures utilized, and discusses results of the current investigation. This information is presented to identify the extent of soil and sediment contamination and support AFI's recommendation for

remediation/disposal options.

1.3 SCOPE OF WORK

The Remedial Soil Investigation conducted at the Ganson Street facility was consistent with the site specific sampling plan approved by Waste Management. The purpose of the investigation was to characterize the aerial extent of chemical constituents identified in the soils, through establishment of a grid sampling system in each of the three (3) areas identified as: areas of potential concern (AECs); during the previously completed Environmental Phase I and Modified Phase II Investigations. The scope of work consisted of the following remedial objectives:

- o Identification Of Three (3) General Investigative Areas.
- o Establishment Of A Sampling Grid At Each Area.
- o Selection And Implementation Of Soil Sample Collection Techniques.
- o Sample Composite Homogenization Techniques.
- o Development Of A Site Specific And Health And Safety Plan.
- o Data Presentation And Fecommendation For Delineation Of The Area Of Eexcavation And Disposal.

2.0 SITE DESCRIPTION

Figure 1 graphically depicts the property location on Ganson street south of the intersection with Michigan Avenue in the City of Buffalo, Erie County, New York, which is included on the Buffalo SE NY - 7.5 minute quadrangle of the United States Geological Survey (USGS). The site is approximately 4.78 acre in size and contains one office building, one repair/maintenance garage, one detached office trailer, and gravel driveways and parking areas. The site is generally flat with a very slight slope to the east towards the Buffalo River. As shown on Figure 1, the elevation of the property is approximately 580 feet above mean sea level. Site drainage is accomplished by means of uncontrolled overland flow from the stone driveway and parking area to the east, and a series of four catch basins located in the north central portion of the site. These catch basins discharge to the Buffalo Sewer Authority combined stormwater/sanitary sewer system.

The site is currently owned by Downing Container Service, Inc. Figure 2 illustrates the current site plan. The property is bounded by Ganson Street to the west, Integrated Waste Systems, Inc. to the north, Roy Track, Inc. to the east, and General Portland, Inc. to the south and east. All the surrounding

properties are industrial in nature.

Current zoning maps were not available for the site, however, based on the nature of the businesses in the area, it is presumed that the site and surrounding properties are zoned heavy industrial. The site is serviced by municipal water and a combined sanitary/storm sewer system. Other utilities included natural gas from National Fuel and Electric from Niagara Mohawk. The gas is routed to the main building through underground pipes from Ganson Street. Electric is delivered through overhead lines from Ganson Street.

According to the *Soil Survey of Erie County, New York,* the project site is characterized as having urban soils (Ud). This indicates that 80 percent or more of the soil surface is covered by asphalt, concrete, buildings, or other impervious structure. These areas are mostly nearly level to gently sloping.

Groundwater was encountered at the site in each of the monitoring wells. Static water levels measured in the monitoring wells ranged from 2.88 to 8.02 feet below ground surface. Regional groundwater flow direction, inferred from topographic maps, is generally towards the northwest and northeast to the discharge area represented by the Buffalo Ship Canal and the Buffalo River respectively. Local variations in groundwater flow, however, may occur in the site vicinity.

The Federal Emergency Management Association (FEMA) Flood Insurance rate Map (Panel No. 360230 0020) was consulted to determine the flooding potential of this site. It was determined that the site is not located within the one-hundred year of five hundred year flood plains of any waterway, with the exception of the extreme southern tip of the property (<10 percent), which slightly impinges on the five hundred year floodplain of the Buffalo River.

3.0 PREVIOUS STUDIES

3.1 PHASE I ENVIRONMENTAL ASSESSMENT

AFI Environmental performed a Phase I Environmental Assessment (ESA) of the project site in September, 1993. This ESA was conducted in accordance with the procedures outlined in American Society for Testing and Materials (ASTM) Practice E1527-93. As a result, the following items were disclosed:

- There is one RCRIS-TS (Treatment, Storage and Disposal) facility located within 1.0 mile radius of the site. This facility has numerous violations associated with ignitable wastes, heavy metals, and chlorinated solvents.

- The waste hauling operation occupying the subject property was identified as a RCRIS-LG large quantity generator of the following waste types:
  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).
- Additionally, one other RCRIS-LG large quantity generator is located within 0.25 mile radius of the site. This site generates the following waste types:
  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).
  - a solid waste that exhibits the characteristic of corrosivity, but is not listed as a hazardous waste (D002).
- One RCRIS-SG small quantity generator is located within 0.25 mile radius of the site. This site generates the following waste types:
  - spent non-halogenated solvents (F003,F005); and
  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).
- The site itself is a listed petroleum bulk storage facility. Additionally, two (2) petroleum bulk storage tank sites are located within a 0.25 mile radius of the subject property:
- There are three (3) LST (Leaking Storage Tanks) sites located with 0.5 radius of the subject property.

3.2 PHASE I CONCLUSIONS

In accordance with the conclusions drawn in the Phase I ESA Report, the property owner (Waste Management of New York Inc.), in consultation with AFI Environmental, elected to implement a Phase II investigation to examine the subsurface and groundwater of the subject property. The purpose of the investigation was to determine the presence or absence of environmental impacts on the site.

3.3 MODIFIED PHASE II INVESTIGATION

The Phase II subsurface investigation was performed during the period of October 23 to November 2, 1994 with supplemental soil

sampling conducted on December 6, 1994. This investigation was conducted in accordance with the investigation plan developed by AFI Environmental. The final report was issued in December 1994.

3.3.1 MODIFIED PHASE II SOIL BORINGS

Ten (10) soil borings were installed manually using a three (3) inch bucket auger. Soil samples obtained from the bucket auger, from a depth of 0.5' to 1.0', were immediately placed in properly labeled sample containers sealed with tin foil and a screw on cap for screening as described in section 4.3.2. Each soil boring was abandoned following the completion of auguring/sampling activities by backfilling with auger cuttings from the respective borehole.

3.3.2 MODIFIED PHASE II SEDIMENT SAMPLES

Three (3) sediment samples were collected from each of the three onsite catch basins. The samples were collected using a shovel to remove some material from the bottom of the catch basin. Each sediment sample obtained from the catch basins were immediately placed in properly labeled sample containers sealed with tin foil and a screw on cap for screening. Excess material collected from the catch basins was returned to the bottom of the catch basins.

3.3.3 MODIFIED PHASE II SAMPLE COLLECTION/SCREENING AND ANALYSIS TECHNIQUES

The sample collection/screening and analysis program implemented at the project site involved the collection of one (1) groundwater sample from each monitoring well; as well as the field screening of soil and sediment samples to enable the selection of two (2) soil samples from the ten (10) soil borings and one (1) sediment sample for chemical analysis. All sample collection and screening measures were performed in accordance with accepted protocols by an experienced AFI Environmental Geologist. All samples were placed in appropriately labeled sample containers for transport under proper chain of custody record to Lozier Laboratories for chemical analysis.

3.3.4 MODIFIED PHASE II SOIL INVESTIGATION

Soil samples obtained from split-spoons were screened for total organic vapors (TOVs) utilizing an HNU PID after equilibrating at room temperature for one (1) hour. After removing the screw on cap, the foil seal of the sample container was pierced with the probe of the PID, and a measurement was recorded. PID measurements were zero for all split spoon samples collected during monitoring well installation and ranged from 0ppm to 0.7 ppm for the ten (10) soil and three (3) sediment samples.

monitoring well installation and ranged from 0ppm to 0.7 ppm for the ten (10) soil and three (3) sediment samples.

Two (2) samples of the ten (10) soil borings and one (1) sediment sample from the three (3) drainage inlets were selected for chemical analysis based upon the results of field screening. The three (3) soil/sediment samples with the highest measured TOV concentration were placed in a laboratory precleaned and properly labeled sample containers and placed on ice in a cooler for transport under proper chain of custody records to Lozier Laboratories. All soil samples underwent testing in accordance with EPA SW-3846 Method 8240 for VOCs, TCL SEMI-VOCs by method 8270, TCL Pesticides/PCBs by Method 8080, RCRA Metals by Method 6010/7000s, and Cyanide by Method 9012.

3.3.5 MODIFIED PHASE II SOIL RESULTS

Analytical results from the two (2) soil samples and one (1) sediment sample collected from the project site have indicated the presence of a number of volatile organic compounds (VOCs) and semi volatile organic compounds (SEMIVOCs) commonly associated with petroleum constituents, possible from fuel oil. Further, PCB-1260 was detected at all locations sampled and analyzed, with the highest concentration at location #9 (see figure #3).

Based upon the location from which soil samples containing significant concentrations of VOCs and SEMIVOCs were collected; one can assume that impacts to the soil near the former UST location (location #10 and the fueling/container staging area (location #11) has occurred as the results of minor spillage or leaks. This assumption is consistent with the field screening data.

3.3.6 MODIFIED PHASE II GROUNDWATER RESULTS

The chemical analysis of groundwater samples collected from the overburden monitoring wells installed on the site, did not indicate the presence of petroleum constituents in exceedance of NYSDEC guidance values. Based on a comparison with applicable guidance valued established by the NYSDEC STARS Memo #1 and NYSDEC TAGM dated January 24, 1994, it appears that none of the constituents encountered in the soil/sediments have entered the groundwater at any of the areas monitored. Further, it appears that constituents originating from areas off-site are not migrating on-site via the groundwater flow system and that the onsite constituents are not migrating offsite via the groundwater system.

3.4 MODIFIED PHASE II CONCLUSIONS/RECOMMENDATIONS

AFI Environmental collected a total of three (3) soil/sediment and five (5) groundwater samples from the project site for analysis pursuant to NYSDEC Petroleum-Contaminated Soil Guidance Policy. The resulting analytical data was assessed to determine if

petroleum impacted soil was present and to characterize groundwater quality. In general, impacted soil was encountered in varying degrees in the areas sampled. Due to the analytical testing method utilized to SCAN soils no determination was made as to whether contamination encountered exceeded NYSDEC guidance values. It was suggested that some of the particular constituents levels could exceed the NYSDEC STARS limits, but this is unknown because TCLP analysis was not performed. The area of the former UST (sample location #10) demonstrated higher levels for VOCs and SEMIVOCS, than the truck fueling/waste container staging area (sample location #11). However, the sludge/sediment sample (sample location #14) collected from the surface water runoff collection inlet was highest of all, especially for Acetone and Toluene (39,000 and 62,400 ppb respectfully). PCB-1260. A recommendation for TCLP analysis of the suspect area was made.

4.0 REMEDIAL INVESTIGATION

The Remedial Investigation conducted by AFI Environmental involved the collection and analysis of a series of (5) soil subsamples from three (3) distinct areas of concern; the area near the previously excavated UST (Area #1), the northeast roll off staging area (Area #2), and the area near the gas islands and storm sewer inlet (Area #3). These areas were identified during Modified Phase II Investigation as areas of environmental concern (AEC) and they are identified in figure #4. Each area of concern was divided into two (2) study areas and each study area was subjected to five (5) randomly selected subsamples. The subsampling and analysis program was developed to:

- Evaluate chemical constituent concentrations with respect to regulatory levels using TCLP Extraction Protocol; and
- Chemically profile potentially impacted soils and determine rough quantities requiring disposal at appropriately permitted facilities.

4.1 SAMPLING TECHNIQUES

Five (5) randomly selected soil subsamples were collected by an AFI Environmental field representative from each study area. Subsamples were collected at each location by scooping soil from the tailings of a hand auger at a depth of 6" to 18" using a precleaned stainless steel sampling spoon. The soil from each of the five (5) subsamples was placed in a precleaned stainless steel five (5) gallon bucket, and homogenized. A representative subsample was collected from the homogenized soil, in each study area, and placed in precleaned, sample bottle, labeled with the sample number, date and time of collection, sampler's initials, and the analysis requested and transported to Lozier Labs of Rochester under proper chain of custody.

4.1.1 Homogenized Composite Samples

Homogenized composite samples were assembled to characterize background soil quality and to chemically profile soils contained within the area showing previous evidence of contamination. Five (5) discrete subsamples were homogenized into one (1) sample for each study area.

4.1.2 STATISTICAL SAMPLING GRID

Each area of concern was divided into two (2) components or study areas. One component representing the "near-field" area, and a second component representing the "far-field" area. The "near-field" component consisted of a 25' x 25' area of soil "near" the Modified Phase II Investigation sample locations. The second component or "far-field" area consisted of a larger 125' x 125' square area concentric to the "near-field" study area. Both study areas were divided using a standard grid pattern into 36 intersections. The 36 intersection of the "near-field" were created by 5' spacing while the 36 intersections of the "far-field" area were created by 25'spacing. Five (5) locations were randomly selected for soil subsampling inside each study area and one (1) homogenized composite sample was assembled and sent for analysis from each area. This resulted in a total of five (5) samples being sent to Lozier Labs for analysis. (No "near-field" subsample was collected from the storm sewer and gas island area due to the concrete pad and pavement encountered).

4.2 ANALYTICAL TESTING

All soil samples were immediately transported under proper chain of custody records to Lozier Laboratories, Rochester, New York. All samples underwent testing for the Toxicity Characteristic Leaching Procedure (TCLP) STARS Volatiles 1311(8021), and semi-volatile organic compounds (SOCs) in accordance with EPA SW-846 Method 1-311/8220. These analytical methods were selected based upon discussion with Waste Management of New York personnel and due to the types of contaminants identified during earlier investigations at the project site.

5.0 RESULTS

Appendix A includes the results for all analysis conducted on the homogenized composite samples for the three (3) Study Areas. Only one (1) sample (PT #3) from the "near-field" study area #2 (see figure #4) exceeded the New york state Dec Guidance values as presented by the NYSDEC S.T.A.R.S. Program Analtical Test. This exceedance was noted for the chemical Parameter of Napthalene at location #2 where the presented value equalled 18ppb (adjusting for the 5 to 1 dilution equates to 90ppb). All other tested parometer were listed as non-detects or below the detection levels as presented by Lozier Labs.

6.0 CONCLUSIONS

According to SPOTS No. 14 (May 15, 1991) "...if the field analysis does not indicate any contamination at the site, and laboratory analysis of a minimum amount of sampling of soil/water taken from around the tank and piping confirms no contamination at the sample locations, it is reasonable to assume that no contamination exists at the site.

(However) If this minimum sampling does show contamination, then the Department (DEC) must be notified of this contamination and additional laboratory analysis must be conducted."

Since, AFI has already conducted additional analysis and the results from all but one area showed no contamination (utilizing a five (5) to one (1) dilution); it is reasonable to assume that chemical constituents in the soils are limited to the original sampling areas, and the one study area where chemical constituents exceeded guidance values.

AFI RECOMMENDATION

Generally a Phase III Site Assessment; or Exposure Assessment is conducted, at this point, to predict possible migration pathways or routes; and to identify areas where chemical constituents released into the soil may impact public health or the environment.

Phase III procedures generally include mapping the distribution of contamination, and predicting the pathways for exposure. The factors considered during a Phase III study include the volume released (which we do not know, but we assume to be minimal); the absorption capacity of the soil (which is medium to high); the relative ability of the soils to allow water movement (which is low); rate and direction of groundwater movement (known to be slight); and all processes that dilute concentration and limit the area of the contaminated zones (see Phase I and Modified Phase II reports).

However, the lack of detectable levels of the chemical constituents in the onsite monitoring wells; taken in consideration with the lack of detection of chemical constituents in all but one of the suspect areas during the most recent extended sampling; would allow one to conclude that TCLP contamination was limited to the one area demonstrating exceedance of the guidance values and the limited areas near each of the original modified Phase II sampling locations.

As such, AFI recommends that all areas where original contamination was documented during the modified Phase II Investigation be excavated and removed in a 10' x 10' area to a depth of 18". The excavation should be closed with #2 crusher run and/or fill and compacted for immediate use.

Study Area #3 should be excavated to 18", or refusal, throughout entire 25' x 25' boundary and replaced with clean and packed #2 crusher run stone. In addition, any stained areas near the truck parking, or roll off staging area, and fueling islands should be removed and filled with clean #2 crusher run stone and packed. All concrete should be steamed washed and the storm sewer inlets should be thoroughly cleaned with a VAC-Truck and steam washed after sediment removal.

All excavated soils should be staged in plastic lined roll off containers and a representative soil sample collected for waste profiling procedures.

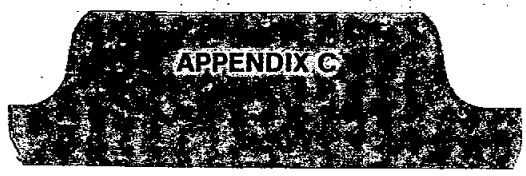
AFI further recommends that additional composite samples be taken from the side walls and bottom of each excavated areas as well as from 1' to 2' beneath the excavation and run for TCLP. This data should be evaluated to assure that all chemical constituents have been removed.

A total of four (4) additional samples would be collected one (1) from each study area and one (1) from the staged soils to document the clean up.

AFI recommends removal of all visually stained soils in each of the study areas to a depth of 18".

All removed and/or contaminated soils should be properly disposed of at a legally permitted facility.

AFI also recommends that a copy of the final closure report be submitted to the DEC as a token of good faith and request there comments once the final samples have been tested and the site is documented to be clean so that they have record of the cleanup.


APPENDIX C

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : AFI ENVIRONMENTAL
6101 ROBINSON RD
LOCKPORT, NY 14094

ATTN : BILL HEITZENRATER

DATE REC'D. : 03/08/95
LABORATORY NO. : 95031539
REPORT DATE : 03/29/95

RE : GANSON ST. II

SAMPLE INFORMATION

SAMPLE DATE : 03/08/95
SAMPLE TIME : 9:30-11:20 AM
NUMBER OF SAMPLES : 5

LOCATION : SEE REFERENCE
TYPE OF SAMPLE: SOILS
SAMPLER : LOZIER LABS

S.T.A.R.S. 8021 VOLATILES EXTRACTION

PARAMETER	PT 1	PT 2	PT 3	PT 4	PT 5	UNITS
METHYL T-BUTYL ETHER (MTBE)	<5.0	<5.0	<5.0	<5.0	<5.0	ug/l
BENZENE	<0.7	<0.7	<0.7	<0.7	<0.7	ug/l
ETHYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
TOLUENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
M+P XYLENES	<2.0	<2.0	<2.0	<2.0	<2.0	ug/l
O XYLENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
TOTAL XYLENES	<3.0	<3.0	<3.0	<3.0	<3.0	ug/l
ISOPROPYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
n-PROPYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
p-ISOPROPYL TOLUENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
1,2,4-TRIMETHYL BENZENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
1,3,5-TRIMETHYL BENZENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
n-BUTYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
sec-BUTYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
NAPHTHALENE	<1.0	<1.0	18	<1.0	<1.0	ug/l
SURROGATE RECOVERY:						
a,a,a-TFT	69	84	78	76	76	%

ANALYSIS: EPA Method 8021 Volatiles (NYSDEC S.T.A.R.S. Program Analyte List) performed on TCLP (ZHE) extractions.

NYSDOH LAB ID # 10390
acq

ALAN J. DAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #95031539

POLYNUCLEAR AROMATIC HYDROCARBONS

PARAMETER	PT 1	PT 2	PT 3	PT 4	PT 5	METHOD BLANK	UNITS
NAPHTHALENE	<10	<10	<10	<10	<10	<10	ug/l
ACENAPHTHYLENE	<10	<10	<10	<10	<10	<10	ug/l
ACENAPHTHENE	<10	<10	<10	<10	<10	<10	ug/l
FLUORENE	<10	<10	<10	<10	<10	<10	ug/l
PHENANTHRENE	<10	<10	<10	<10	<10	<10	ug/l
ANTHRACENE	<10	<10	<10	<10	<10	<10	ug/l
FLUORANTHENE	<10	<10	<10	<10	<10	<10	ug/l
PYRENE	<10	<10	<10	<10	<10	<10	ug/l
CHRYSENE	<10	<10	<10	<10	<10	<10	ug/l
BENZO(b) FLUORANTHENE	<10	<10	<10	<10	<10	<10	ug/l
BENZO(k) FLUORANTHENE	<10	<10	<10	<10	<10	<10	ug/l
BENZO(a)PYRENE	<10	<10	<10	<10	<10	<10	ug/l
DIBENZO(a,h) ANTHRACENE	<10	<10	<10	<10	<10	<10	ug/l
INDENO(1,2,3-cd) PYRENE	<10	<10	<10	<10	<10	<10	ug/l
BENZO(g,h,i) PERYLENE	<10	<10	<10	<10	<10	<10	ug/l
BENZO(a) ANTHRACENE	<10	<10	<10	<10	<10	<10	ug/l
SURROGATE RECOVERIES :							
NITROBENZENE-d5	74	73	82	42	48	77	%
2-FLUOROBIPHENYL	81	78	84	45	49	86	%
TERPHENYL-d14	88	85	97	42	43	95	%

ANALYSIS: EPA Method 8270 (PNA'S) performed on TCLP (ZHE) extractions on 03/15/95.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES

CHAIN OF CUSTODY RECORD

ATTN: BILL HERTZMARK

Client Name: AFI ENVIRONMENTAL

Mailing Address: 6101 Robinson Rd

Lockport NY 14094

LABORATORY NO: 1529

Project Name: GANSON ST. II SOIL SAMPLING

SAMPLE IDENTIFICATION	DATE	TIME	LOCATION	SAMPLE TYPE	TCLP VOA	TCLP-STARS B/N	ANALYSIS	NUMBER OF CONTAINERS	REMARK
Composite Soil (5 subsamples)	3-8-95	0930	Pt 1	Soil	✓	✓		2	
		1010	Pt 2						
		1030	Pt 3						
		1058	Pt 4						
		1120	Pt 5						

SAMPLED BY: SIGN Bernard McCabe

RELINQUISHED BY:
1 SIGN Bernard McCabe DATE 3-8-95 TIME 1500
2 SIGN DATE TIME
3 SIGN DATE TIME
4 SIGN DATE TIME

RECEIVED BY:
1 SIGN DATE TIME
2 SIGN DATE TIME
3 SIGN DATE TIME
4 SIGN DATE TIME

METHOD OF SHIPMENT: Hand SIGN Bernard McCabe

RECEIVED FOR LABORATORY BY: SIGN DATE 3/8/95 TIME 3 pm

AFI
ENVIRONMENTAL
A Division of Buffalo Environmental Consultants, Inc.
6101 Robinson Road • Lockport, New York 14094

February 23, 1995 **FAX LETTER**

Mr. John Minichiello
Waste Management of New York
101 Ontario Street
East Rochester, New York 14445

RE: Remedial Soil Investigation **FINAL/REVISED DRAFT PLAN**
Downing Container Services- 191 Ganson St., Buffalo, NY
AFI Project No. H1025.1

Dear Mr. Minichiello:

Enclosed, please find the revised draft copy of the Ganson Street Remedial Action Plan. This is in response to your review and mark ups. We are ready to begin as soon as the snow is off the study area or sooner if you desire to have the snow scraped.

Please advise.

Should you have any questions or comments please don't hesitate to call me at the Lockport office.

Sincerely,

AFI ENVIRONMENTAL,

William L. Heizenrater
Principal

encl.
H1025/LETTERS/MNCHL16

LOCKPORT
(716) 625-8434
Fax: (716) 625-8471

ROCHESTER
(716) 254-8820
Fax: (716) 254-0482

NIAGARA FALLS
(716) 283-7645
Fax: (716) 283-2858

Printed on recycled paper
to help protect the environment

REMEDIAL ACTION PLAN

DOWNING CONTAINER
191 GANSON STREET, BUFFALO, NEW YORK

PROJECT #H1025

PREPARED FOR:

WASTE MANAGEMENT OF NEW YORK
125 PERINGTON PARKWAY
FAIRPORT, NEW YORK
14450

PREPARED BY:

AFI ENVIRONMENTAL
6101 ROBINSON ROAD
LOCKPORT, NEW YORK
14094

FEBRUARY, 1995

LIST OF FIGURES

FIGURE 1: SITE LOCATION MAP

FIGURE 2: SITE PLAN

FIGURE 3: SAMPLE LOCATIONS - AFI ENVIRONMENTAL

TABLE OF CONTENTS

1.0	INTRODUCTION		1
1.1	BACKGROUND		1
1.2	PURPOSE AND OBJECTIVES		1
1.3	SCOPE OF WORK		1
2.0	SITE DESCRIPTION		2
3.0	PREVIOUS STUDIES		3
3.1	PHASE I ENVIRONMENTAL ASSESSMENT		3
3.2	PHASE I CONCLUSIONS		4
3.3	MODIFIED PHASE II INVESTIGATION		4
	3.3.1	SOIL BORINGS	4
	3.3.2	SEDIMENT SAMPLES	5
	3.3.3	SAMPLE COLLECTION/SCREENING AND ANALYSIS	5
	3.3.4	SOIL	5
	3.3.5	SOIL RESULTS	5
	3.3.6	GROUNDWATER	6
3.4	PHASE II CONCLUSIONS/RECOMMENDATIONS		6
4.0	REMEDIAL PROGRAM		6
4.1	OVERVIEW		6
	4.1.1	HOMOGENIZED COMPOSITE SAMPLES	7
	4.1.2	STATISTICAL SAMPLING GRID	7
4.2	ANALYTICAL TESTING		7
5.0	CONCLUSION		7

1.0 INTRODUCTION

1.1 BACKGROUND

AFI Environmental has prepared this *Remedial Action Plan* (RAP) on behalf of Waste Management of New York, Inc. This RAP is intended to address petroleum impacted soil and sediment encountered at the Downing Container Facility located at 191 Ganson Street, Buffalo, New York (Figure 1). This facility is the storage yard and repair shop for Waste Management of New York's Downing Container Division's garbage pickup , roll-off and rental operation. This RAP was prepared to address potential areas of environmental concern (AECs) identified in a Phase I Investigation conducted on October 1994 and a modified Phase II Investigation completed on December 1994. The ESA and subsequent Phase II Investigation resulted in the detection of low level organic, inorganic, and PCB constituents in soil and sediment samples collected at the Ganson Street site. The areas of the site in which constituents were indicated include the following (refer to Figure 2).

The chemical analysis of sediment samples collected from within the storm sewer staging areas and gas islands indicated the presence of semi-volatile organic compounds (SVOC), PCBs metals at concentrations which may exceed NYSDEC guidance levels. Potential sources which may have individually or collectively resulted in the impact to sediment and soil samples include petroleum based fluids utilized for facility operations; runoff of liquids from the garbage trucks or roll off boxes and fluid leakage from parked trucks and automobiles. Potential pathways of releases from these sources to the storm water control system include; runoff received by the storm sewer from the exterior rolloff and truck staging area or fueling islands; and runoff from the parking area captured by the storm sewer.

1.2 PURPOSE AND OBJECTIVES

Waste Management of New York, Inc. has retained AFI Environmental to investigate further the areal extent and composition of impacts in an attempt to identify the cost to mitigate existing soil/sediment contamination at their 191 Ganson Street Waste Management facility. This RAP has been developed for the private use of Waste Management, but in accordance with NYSDEC guidance memorandum. This plan presents the results of previous investigations at the project site; and outlines the scope of the proposed remedial investigative program, and the equipment and procedures to be utilized to evaluate the areal extent of soil and sedimentary contamination to determine the cost of remediation/disposal.

1.3 SCOPE OF WORK

The remedial program proposed for implementation at the Ganson Street facility consists development of a site specific sampling plan in an attempt to characterize the aerial extent of chemical constituents identified in the soils, through establishment of a grid sampling system in

each of the three (3) areas identified as: areas of potential concern (AECs); during the recently completed Environmental Phase I and Modified Phase 2 Investigations. The scope of work required to accomplish these remedial objectives includes the following:

- o Identify three (3) general Investigative areas.
- o Establish a Sampling Grid at each area.
- o Identify Soil Sample Collection techniques.
- o Identify Sample Composite Homogenization techniques.
- o Provide a site specific and Health and Safety Plan.

2.0 SITE DESCRIPTION

Figure 1 graphically depicts the property location on Ganson Street south of the intersection with Michigan Avenue in the City of Buffalo, Erie County, New York, which is included on the Buffalo SE NY - 7.5 minute quadrangle of the United States Geological Survey (USGS). The site is approximately 4.78 acre in size and contains one office building, one repair/maintenance garage, one detached office trailer, and gravel driveways and parking areas. The site is generally flat with a very slight slope to the east towards the Buffalo River. As shown on Figure 1, the elevation of the property is approximately 580 feet above mean sea level. Site drainage is accomplished by means of uncontrolled overland flow from the stone driveway and parking area to the east, and a series of four catch basins located in the north central portion of the site. These catch basins discharge to the Buffalo Sewer Authority combined stormwater/sanitary sewer system.

The site is currently owned by Downing container Service, Inc. Figure 2 illustrates the current site plan. The property is bounded by Ganson Street to the west, Integrated Waste Systems, Inc. to the north, Roy Track, Inc. to the east, and General Portland, Inc. to the south and east. All the surrounding properties are industrial in nature.

Current zoning maps were not available for the site, however, based on the nature of the businesses in the area, it is presumed that the site and surrounding properties are zoned heavy industrial. The site is serviced by municipal water and a combined sanitary/storm sewer system. Other utilities included natural gas from National Fuel and electric from Niagara Mohawk. The gas is routed to the main building through underground pipes from Ganson Street. Electric is delivered through overhead lines from Ganson Street.

According to the *Soil Survey of Erie County, New York*, the project site is characterized as having urban soils (Ud). This indicates that 80 percent or more of the soil surface is covered by asphalt, concrete, buildings,or other impervious structure. These areas are mostly nearly level to gently sloping.

Groundwater was encountered at the site in each of the monitoring wells. Static water levels measured in the monitoring wells ranged from 2.88 to 8.02 feet below ground surface. Regional groundwater flow direction, inferred from topographic maps, is generally towards the northwest and northeast to the discharge area represented by the Buffalo Ship Canal and the Buffalo River respectively. Local variations in groundwater flow, however, may occur in the site vicinity.

The Federal Emergency Management Association (FEMA) Flood Insurance rate Map (Panel No. 360230 0020) was consulted to determine the flooding potential of this site. It was determined that the site is not located within the one-hundred year or five hundred year flood plains of any waterway, with the exception of the extreme southern tip of the property (< 10 percent), which slightly impinges on the five hundred year floodplain of the Buffalo River.

3.0 PREVIOUS STUDIES

3.1 PHASE I ENVIRONMENTAL ASSESSMENT

AFI Environmental performed a Phase I Environmental Assessment (ESA) of the project site in September, 1993. This ESA was conducted in accordance with the procedures outlined in American Society for Testing and materials (ASTM) Practice E1527-93. As a result, the following items were disclosed:

- o There is one RCRIS-TS (Treatment, Storage and Disposal) facility located within 1.0 mile radius of the site. This facility has numerous violations associated with ignitable wastes, heavy metals, and chlorinated solvents.

- o The waste hauling operation occupying the subject property was identified as a RCRIS-LG large quantity generator of the following waste types:

  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).

- o Additionally, one other RCRIS-LG large quantity generator is located within 0.25 mile radius of the site. This site generates the following waste types:

  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).
  - a solid waste that exhibits the characteristic of corrosivity, but is not listed as a hazardous waste (D002).

- One RCRIS-SG small quantity generator is located within 0.25 mile radius of the site. This site generates the following waste types:

  - spent non-halogenated solvents (F003,F005); and
  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).

- The site itself is a listed petroleum bulk storage facility. Additionally, two petroleum bulk storage tank sites are located within a 0.25 mile radius of the subject property:

- There are three LST (Leaking Storage Tanks) sites located within 0.5 radius of the subject property.

3.2 PHASE I CONCLUSIONS

In accordance with the conclusions drawn in the Phase I ESA Report, the property owner (Waste Management of New York Inc.), in consultation with AFI Environmental, elected to implement a Phase II investigation to examine the subsurface and groundwater of the subject property. The purpose of the investigation was to determine the presence or absence of environmental impacts on the site.

3.3 MODIFIED PHASE II INVESTIGATION

The Phase II subsurface investigation was performed during the period of October 23 to November 2, 1994 with supplemental soil sampling conducted on December 6, 1994. This investigation was conducted in accordance with the investigation plan developed by AFI Environmental. The final report was issued in December 1994.

3.3.1 SOIL BORINGS

Ten (10) soil borings were installed manually using a three (3) inch bucket auger. Soil samples obtained from the bucket auger, from a depth of 0.5' to 1.0', were immediately placed in properly labeled sample containers sealed with tin foil and a screw on cap for screening as described in section 4.3.2. Each soil boring was abandoned following the completion of auguring/sampling activities by backfilling with auger cuttings from the respective borehole.

3.3.2 SEDIMENT SAMPLES

Three (3) sediment samples were collected from each of the three onsite catch basins. The samples were collected using a shovel to remove some material from the bottom of the catch basin. Each sediment sample obtained from the catch basins were immediately placed in properly labeled sample containers sealed with tin foil and a screw on cap for screening. Excess material collected from the catch basins was returned to the bottom of the catch basins.

3.3.3 SAMPLE COLLECTION/SCREENING AND ANALYSIS

The sample collection/screening and analysis program implemented at the project site involved the collection of one (1) groundwater sample from each monitoring well; as well as the field screening of soil and sediment samples to enable the selection of two (2) soil samples from the ten (10) soil borings and one (1) sediment sample for chemical analysis. All sample collection and screening measures were performed in accordance with accepted protocols by an experienced AFI Environmental Geologist. All samples were place in appropriately labeled sample containers for transport under proper chain of custody record to Lozier Laboratories for chemical analysis.

3.3.4 SOIL

Soil samples obtained from split-spoons were screened for total organic vapors (TOVs) utilizing an HNu PID after equilibrating at room temperature for one (1) hour. After removing the screw on cap, the foil seal of the sample container was pierced with the probe of the PID, and a measurement was recorded. PID measurements were zero for all split spoon samples collected during monitoring well installation and ranged from 0ppm to 0.7 ppm for the ten (10) soil and three (3) sediment samples.

Two (2) samples of the ten (10) soil borings and one (1) sediment sample from the three (3) drainage inlets were selected for chemical analysis based upon the results of field screening. The three (3) soil/sediment samples with the highest measured TOV concentration were placed in a laboratory precleaned and properly labeled sample containers and placed on ice in a cooler for transport under proper chain of custody records to Lozier Laboratories. All soil samples underwent testing in accordance with EPA SW-846 Method 8240 for VOCs, TCL Semi-VOCs by method 8270, TCL Pesticides/PCBs by Method 8080, RCRA Metals by Method 6010/7000s, and Cyanide by Method 9012.

3.3.5 SOIL RESULTS

Analytical results from the two (2) soil samples and one (1) sediment sample collected from the project site have indicated the presence of a number of volatile organic compounds (VOCs) and semi volatile organic compounds (SEMIVOCs) commonly associated with petroleum constituents, possibly from fuel oil. Further, PCB-1260 was detected at all locations sampled and analyzed, with the highest concentration at location #9.

Based upon the location from which soil samples containing significant concentrations of VOCs and SEMIVOCs were collected; one can assume that impacts to the soil near the former UST location (location #10) and the fueling/container staging area (location #11) has occurred as the results of minor spillage or leaks. This assumption is consistent with the field screening data.

3.3.6 GROUNDWATER

The chemical analysis of groundwater samples collected from the overburden monitoring wells installed on the site, did not indicate the presence of petroleum constituents in exceedance of NYSDEC guidance values. Based on a comparison with applicable guidance valued established by the NYSDEC STARS Memo #1 and NYSDEC TAGM dated January 24, 1994, it appears that none of the constituents encountered in the soil/sediments have entered the groundwater at any of the areas monitored. Further, it appears that constituents originating from areas off-site are not migrating on-site via the groundwater flow system and that the onsite constituents are not migrating offsite via the groundwater system.

3.4 PHASE II CONCLUSIONS/RECOMMENDATIONS

AFI Environmental collected a total of three (3) soil/sediment and five (5) groundwater samples from the project site for analysis pursuant to NYSDEC Petroleum-Contaminated Soil Guidance Policy. The resulting analytical data was assessed to determine if petroleum impacted soil was present and to characterize groundwater quality. In general, impacted soil was encountered in varying degrees in the areas sampled. In this case we don't know that the values exceed the NYSDEC requirements because of the analytical method selected for analysis. It is possible that some of the particular constituents levels could exceed the NYSDEC STARS limits, but this is unknown because TCLP analysis was not performed. The area of the former UST (sample location #10) demonstrated higher levels for VOCs and SEMIVOCs, than the truck fueling/waste container staging area (sample location #11). However, the sludge/sediment sample (sample location #14) collected from the surface water runoff collection inlet was highest of all, especially for Acetone and Toluene (39,000 and 62,400 ppb respectfully). PCB-1260,

4.0 REMEDIAL INVESTIGATION

The investigation proposal by AFI Environmental involves the collection and analysis of a series of soil and sediment samples from three distinct areas; the storm sewer, the UST area, and northeast rolloff staging area. This sampling and analysis program was developed to:

- o To evaluate constituent concentrations with respect to regulatory levels using TCLP Extraction Protocol; and

- o Chemically profile potentially impacted soils and determine rough quantities for disposal at an appropriately permitted facility.

4.1 SAMPLING TECHNIQUES

The proposed sampling techniques for soil sample collecting is described in the following subsections. All samples will be collected by an AFI Environmental field scientist and placed

in precleaned laboratory sample bottles, which will be labeled with the sample number, date and time of collection, sampler's initials, and the analysis requested.

4.1.1 Homogenized Composite Samples

Homogenized composite samples will be assembled to characterize background soil quality and to chemically profile soils contained within the area showing previous evidence of contamination.

4.1.2 STATISTICAL SAMPLING GRID

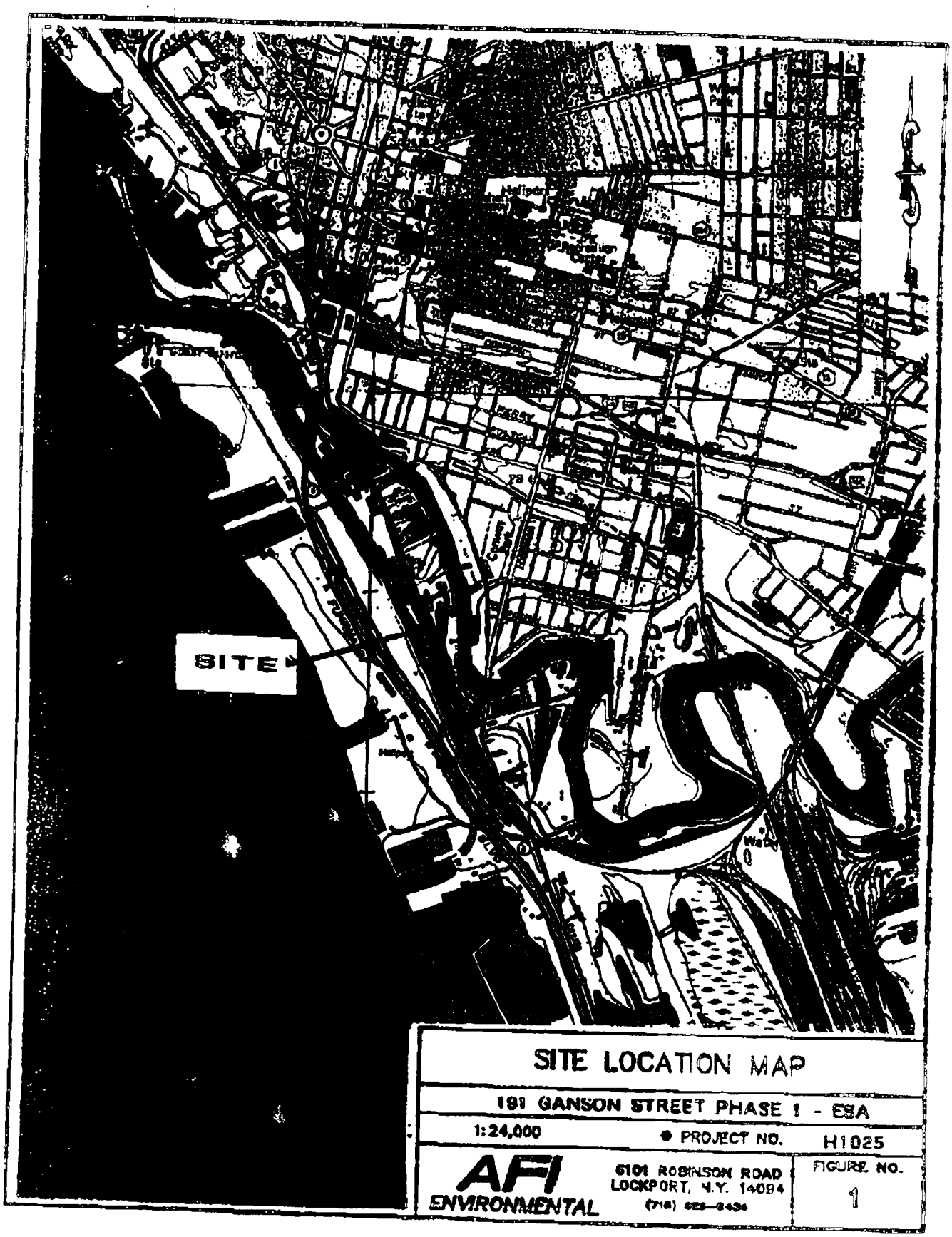
Each are to be investigated will be sectioned off into a statistical sampling grid consisting of two (2) components. The grids will be broken into near field and far field sections. The near field section will consist of the section within a square box whose length is 25 feet centered in the area of the original sampling location. The far field section will consist of a larger square box concentric to the first box, whose length is 125 feet. The near field section will be divided in a grid pattern where the intersections of the x and y axis are on 5 foot intervals, thereby creating 36 intersections. The far field zone will be divided into a grid pattern where the intersections of the x and y axis are on 25 foot intervals thereby creating a grid pattern with again 36 intersections. Five (5) subsamples will be randomly collected from each section and homogenized into a composite sample from each section with a total of two (2) samples from each area to be analyzed for TCLP Stars Volatiles and TCLP Stars Base Neutrals. These will result in a total of six (6) samples plus, field duplicate to be sent to Lozier Labs for analysis.

4.2 ANALYTICAL TESTING

All soil and sediment samples will be transported under proper chain of custody records to Lozier Laboratories, Rochester, New York, immediately following collection. All samples will undergo testing for the Toxicity Characteristic Leaching Procedure (TCLP) STARS Volatiles 1311(8021), and semi-volatile organic compounds (SOCs) in accordance with EPA SW-846 Method 1-311/8220. These analytical methods were selected based upon discussion with Waste Management of New York personnel and due to the types of contaminants identified as a result of earlier investigations of the project site. In addition to internal laboratory quality assurance/quality control (QA/QC) procedures, one (1) field duplicate will be analyzed.

5.0 CONCLUSIONS

Comparisons of the analytical data with applicable regulatory standards and/or guidance values will indicate the toxicity characteristics with respect to constituents analyzed. The data will be adjusted to correct for the dilution factor and compared to the applicable regulatory standards to determine if disposal is warranted and to estimate the rough quantities of disposal.



SITE LOCATION MAP

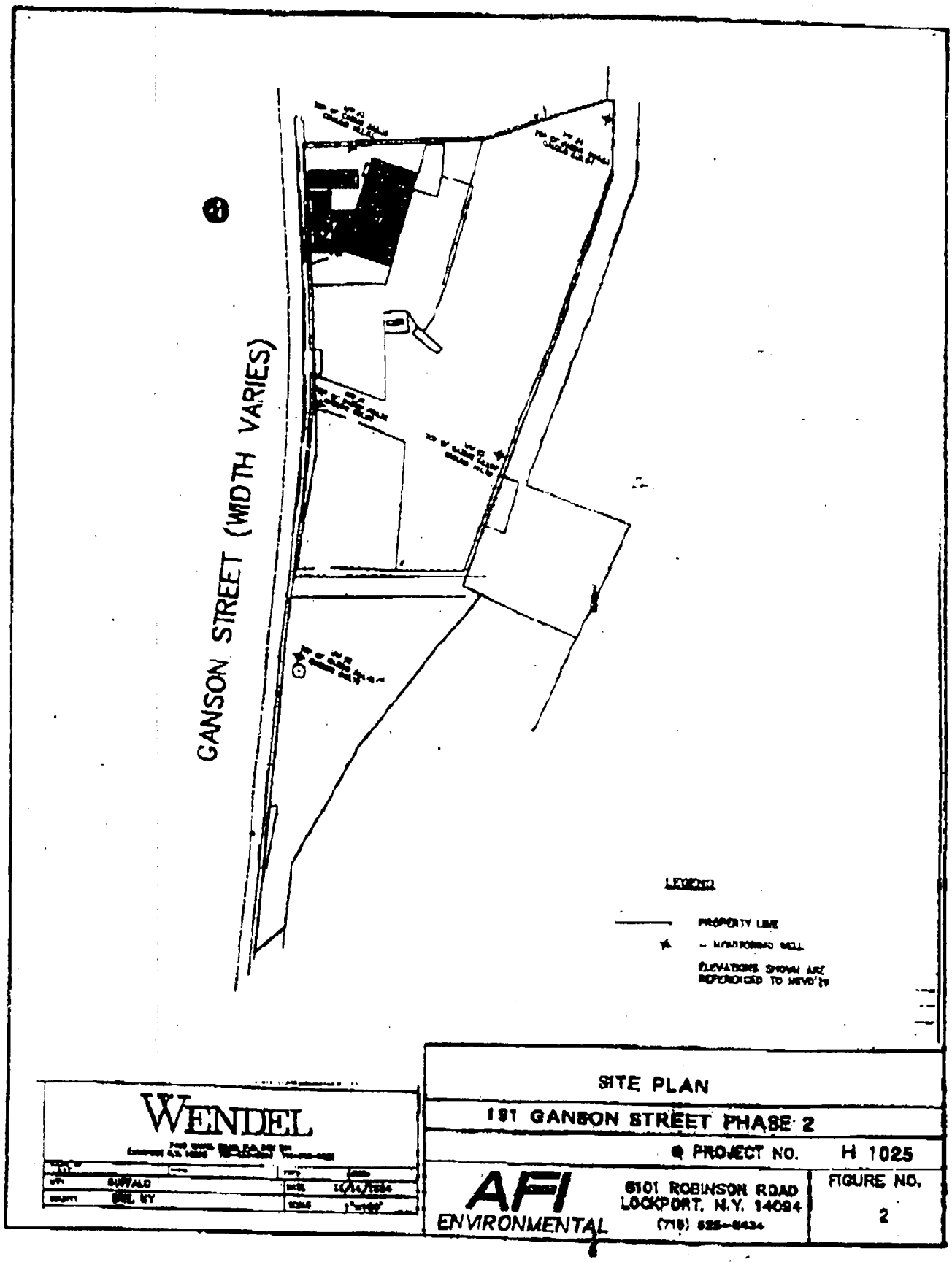
191 GANSON STREET PHASE I - ESA

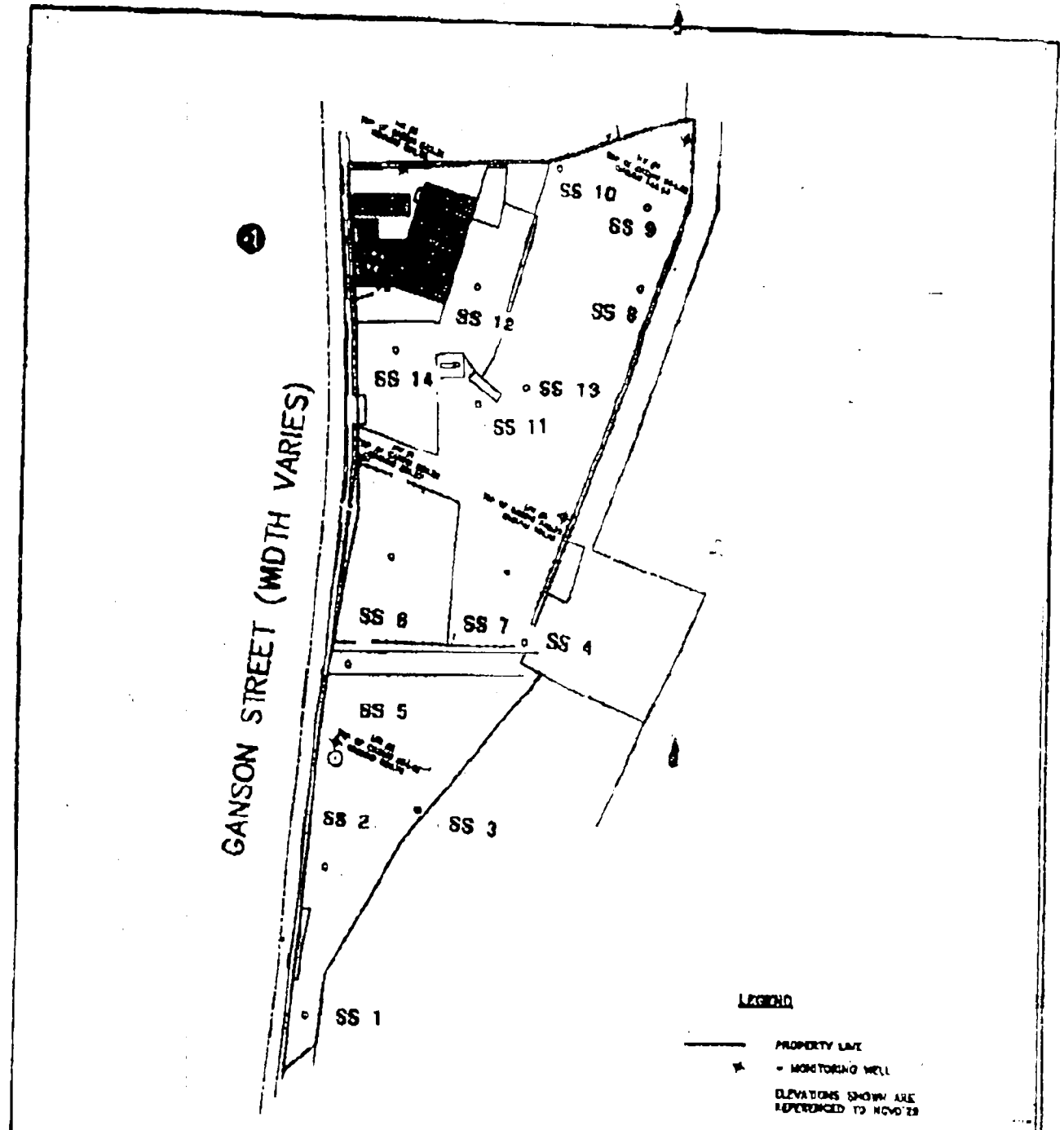
1:24,000 • PROJECT NO. H1025

AFI ENVIRONMENTAL

6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-6434

FIGURE NO. 1


GANSON STREET (WIDTH VARIES)
LEGEND
PROPERTY LINE
ELEVATIONS SHOWN ARE REFERENCED TO MEAN SEA LEVEL
WENDEL
SITE PLAN
191 GANSON STREET PHASE 2
PROJECT NO. H 1025
AFI ENVIRONMENTAL
6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434
FIGURE NO.
2



WENDEL

SOIL SAMPLE LOCATIONS

191 GANSON STREET PHASE 2

PROJECT NO. H 1625

AFI ENVIRONMENTAL

6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-6434

FIGURE NO. 3


6 29'95


«EXTRADIG»
6 29'95

AFI
ENVIRONMENTAL
A Division of Buffalo Environmental Consultants, Inc.
6101 Robinson Road • Lockport, New York 14094

December 28, 1994

John Minichiello
Environmental Engineering Manager
Waste Management of New York
101 Ontario Street
East Rochester, NY 14445

WASTE MANAGEMENT

RE: GANSON STREET (REVISED) PHASE 11 ENVIRONMENTAL INVESTIGATION.
AFI Project #h1025

Dear John:

Enclosed, please find the **REVISED** copy of the Environmental Phase 11 Investigation for Ganson Street, Buffalo, NY. I have incorporated your comments of 12/23/94 into the text where appropriate. In respect to the final comment of your fax, dated December 23, 1994 "... where did you obtain the values for allowable soil concentrations in Table 2?" The values presented are from the NYSDEC TAGM dated January 24, 1994 #HWG94-4046. (copy enclosed). The table has been edited to include this reference. This document also discusses the 100 factor.

Also, please find a copy of our invoice for the above referenced project.

Please review, and call me if you have any further questions or comments.

I will be in my Lockport office until Friday the 30 of December, However, I will e on vacation the week of January 1-8 1995.

Have a great and prosperous NEW YEAR.

Sincerely,

AFI ENVIRONMENTAL

William L. Heitzenrater
President

cc: h1025
/h1025/letters/minichiello3

LOCKPORT
(716) 625-8434
Fax: (716) 625-8471

ROCHESTER
(716) 254-8820
Fax: (716) 254-0482

NIAGARA FALLS
(716) 283-7645
Fax: (716) 283-2858

Printed on recycled paper
to help protect the environment.

PHASE II
ENVIRONMENTAL SITE ASSESSMENT

for

191 GANSON STREET
CITY OF BUFFALO
ERIE COUNTY, NEW YORK

AFI Project H1025

Prepared for:

WASTE MANAGEMENT OF NEW YORK
101 Ontario Street
East Rochester, New York 14445

Prepared by:

AFI ENVIRONMENTAL
6101 Robinson Road
Lockport, New York 14094

December 28, 1994

Printed on recycled paper
to help protect the environment.

TABLE OF CONTENTS

1.0	INTRODUCTION	1
2.0	SITE DESCRIPTION	2
3.0	PREVIOUS STUDIES	3
3.1	PHASE I ENVIRONMENTAL ASSESSMENT	3
3.2	PHASE I CONCLUSIONS	3
4.0	METHODS OF INVESTIGATION	4
4.1	DRILLING, SOIL SAMPLING AND WELL INSTALLATION	4
	4.1.1 GROUNDWATER MONITORING WELLS	4
	4.1.2 SOIL BORINGS	5
	4.1.3 SEDIMENT SAMPLES	5
4.2	WELL DEVELOPMENT	5
4.3	SAMPLE COLLECTION/SCREENING AND ANALYSIS	6
	4.3.1 GROUNDWATER	6
	4.3.2 SOIL	6
4.4	DECONTAMINATION	7
4.5	CONTAINMENT OF WASTES	7
5.0	ANALYTICAL RESULTS	7
5.1	SOIL	7
5.2	GROUNDWATER	8
6.0	CONTAMINATION ASSESSMENT	8
6.1	SOIL	8
6.2	GROUNDWATER	9
7.0	CONCLUSIONS	10
8.0	RECOMMENDATIONS	10

Printed on recycled paper to help protect the environment

9.0 LIMITATIONS 11

Printed on recycled paper
to help protect the environment

LIST OF APPENDICES

APPENDIX A: WELL COMPLETION DIAGRAMS

APPENDIX B: BORING LOGS

APPENDIX C: ANALYTICAL LABORATORY REPORT FOR SOIL SAMPLES

APPENDIX D: ANALYTICAL LABORATORY REPORT FOR GROUNDWATER SAMPLES

Printed on recycled paper to help protect the environment.

LIST OF FIGURES

FIGURE 1: SITE LOCATION MAP

FIGURE 2: SITE PLAN

FIGURE 3: PHASE II BORING AND MONITORING WELL LOCATIONS

Printed on recycled paper
to help protect the environment

LIST OF TABLES

TABLE 1: SUMMARY OF FIELD SCREENING RESULTS

TABLE 2: SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES

TABLE 3: SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

Printed on recycled paper to help protect the environment

1.0 INTRODUCTION

AFI Environmental was retained by Waste Management to conduct a Phase II Investigation of the property located at 191 Ganson Street in Buffalo, New York. This property was the subject of a Phase I Environmental Site Assessment (ESA), performed by AFI Environmental (AFI), which identified several potential areas of environmental concerns (AEC's). Further investigation was conducted to assess the potential environmental impacts that may have occurred or were related to the AEC's. Specifically, AFI identified several AEC's which include, but may not be limited to, the following:

- Numerous petroleum stained areas both in the garage areas and the staging/parking areas;
- Soils in and around the area of the former gasoline underground storage tank (UST) were never sampled and analyzed to confirm that no leakage had occurred from the UST.
- The fill materials utilized to backfill the dry docks north of the site, have been shown to contain elevated levels of VOCs, PCBs and metals. Additionally, groundwater in this area has also been shown to contain elevated levels of acetone, methylene chloride and metals.
- Potential impacts on the site from contaminants in the Buffalo River.
- Potential impacts on the site due to contaminants released on the adjacent properties.
- Potential discharges, including petroleum products and other vehicle operational and maintenance products, into the combined sanitary/storm sewers on site.
- Historical uses of the property for industrial purposes.
- Potential impact to the soils and stormwater sewers in and around the staging areas from leakage of leachate from trucks and roll-offs during routine operations.

The Phase II investigation of the project site was conducted to assess whether the identified AEC's have resulted in environmental impacts on the site and to characterize groundwater beneath the site. The field aspects of this investigation involved the drilling of test borings, the installation of monitoring wells and the collection of soil and groundwater samples. Soil and groundwater samples obtained during this field program were submitted for chemical analyses to enable an evaluation of site conditions relative to regulatory policy. AFI has prepared this *Phase II Investigation Report* to summarize the field investigation; present the results of the chemical analysis of soil and groundwater samples; evaluate the analytical data

Printed on recycled paper to help protect the environment

with respect to applicable regulatory standards and/or guidance values; and to identify potential sources of contamination. No attempt was made to determine the actual boundaries of contamination, if found.

2.0 SITE DESCRIPTION

Figure 1 graphically depicts the property location on Ganson Street south of the intersection with Michigan Avenue in the City of Buffalo, Erie County, New York, which is included on the Buffalo SE NY - 7.5 minute quadrangle of the United States Geological Survey (USGS). The site is approximately 4.78 acre in size and contains one office building, one repair/maintenance garage, one detached office trailer, and gravel driveways and parking areas. The site is generally flat with a very slight slope to the east towards the Buffalo River. As shown on Figure 1, the elevation of the property is approximately 580 feet above mean sea level. Site drainage is accomplished by means of uncontrolled overland flow from the stone driveway and parking area to the east, and a series of four catch basins located in the north central portion of the site. These catch basins discharge to the Buffalo Sewer Authority combined stormwater/sanitary sewer system.

The site is currently owned by Downing Container Service, Inc. Figure 2 illustrates the current site plan. The property is bounded by Ganson Street to the west, Integrated Waste Systems, Inc. to the north, Roy Track, Inc. to the east, and General Portland, Inc. to the south and east. All the surrounding properties are industrial in nature.

Current zoning maps were not available for the site, however, based on the nature of the businesses in the area, it is presumed that the site and surrounding properties are zoned heavy industrial. The site is serviced by municipal water and a combined sanitary/storm sewer system. Other utilities include natural gas from National Fuel and electric from Niagara Mohawk. The gas is routed to the main building through underground pipes from Ganson Street. Electric is delivered through overhead lines from Ganson Street.

According to the *Soil Survey of Erie County, New York*, the project site is characterized as having urban soils (Ud). This indicates that 80 percent or more of the soil surface is covered by asphalt, concrete, buildings, or other impervious structures. These areas are mostly nearly level to gently sloping.

Groundwater was encountered at the site in each of the monitoring wells. Static water levels measured in the monitoring wells ranged from 2.88 to 8.02 feet below ground surface. Regional groundwater flow direction, inferred from topographic maps, is generally towards the northwest and northeast to the discharge area represented by the Buffalo Ship Canal and the Buffalo River respectively. Local variations in groundwater flow, however, may occur in the site vicinity.

The Federal Emergency Management Association (FEMA) Flood Insurance Rate Map (Panel

Printed on recycled paper to help protect the environment



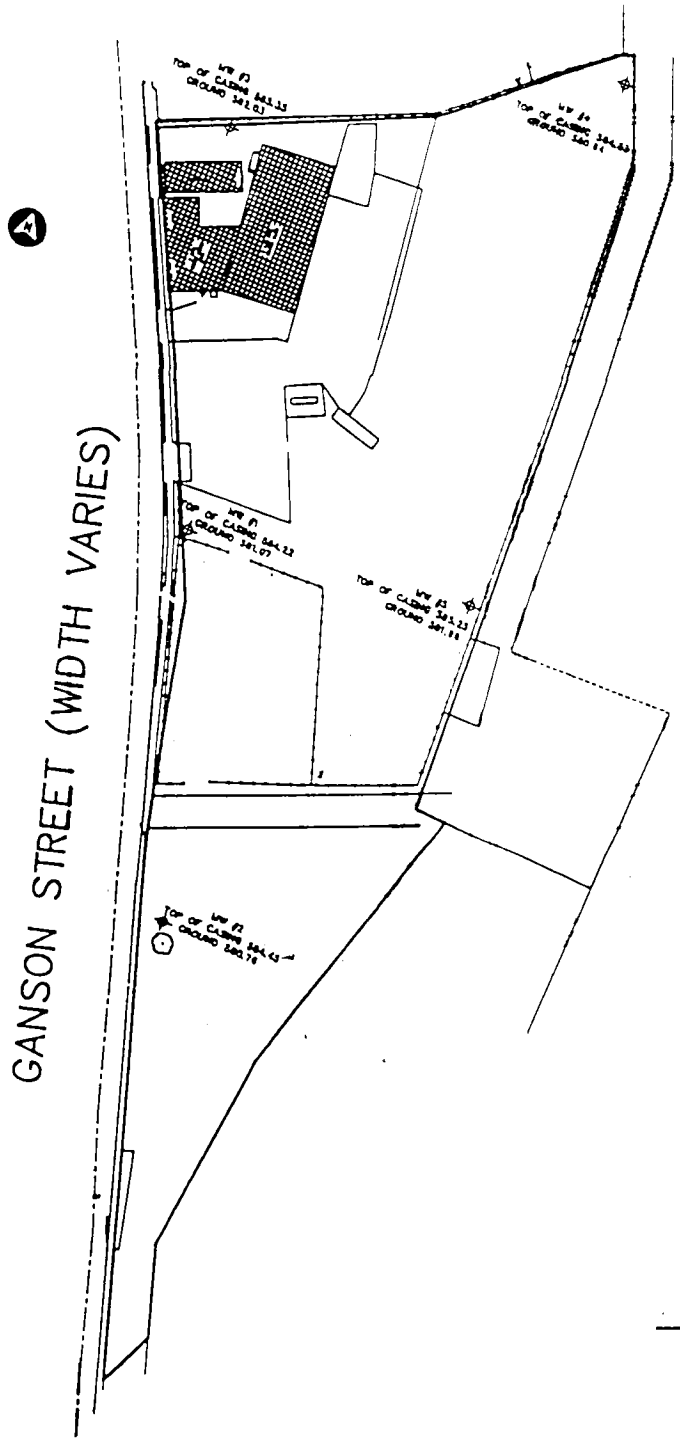
SITE LOCATION MAP

191 GANSON STREET PHASE 1 - ESA

1:24,000 ● PROJECT NO. H1025

AFI ENVIRONMENTAL
6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO. 1



LEGEND

PROPERTY LINE

⛤ – MONITORING WELL

ELEVATIONS SHOWN ARE REFERENCED TO NGVD'29

WENDEL

7456 CANAL ROAD, P.O. BOX 301
LOCKPORT N.Y. 14094 716-433-8963 716-625-6229

PART OF LOT		SEC.	
		TWP.	
CITY	BUFFALO	RANGE	
		DATE	11/14/1994
COUNTY	ERIE, NY	SCALE	1"=100'

SITE PLAN

191 GANSON STREET PHASE 2

● PROJECT NO. H 1025

AFI ENVIRONMENTAL

6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO. 2

No. 360230 0020) was consulted to determine the flooding potential of this site. It was determined that the site is not located within the one-hundred year or five hundred year flood plains of any waterway, with the exception of the extreme southern tip of the property (< 10 percent), which slightly impinges on the five hundred year floodplain of the Buffalo River

3.0 PREVIOUS STUDIES

3.1 PHASE I ENVIRONMENTAL ASSESSMENT

AFI Environmental performed a Phase I Environmental Assessment (ESA) of the project site in September, 1993. This ESA was conducted in accordance with the procedures outlined in American Society for Testing and Materials (ASTM) Practice E1527-93. As a result, the following items were disclosed:

- o There is one RCRIS-TS (Treatment, Storage and Disposal) facility located within 1.0 mile radius of the site. This facility has numerous violations associated with ignitable wastes, heavy metals, and chlorinated solvents.

- o The waste hauling operation occupying the subject property was identified as a RCRIS-LG large quantity generator of the following waste types:

  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).

- o Additionally, one other RCRIS-LG large quantity generator is located within 0.25 mile radius of the site. This site generates the following waste types:

  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).
  - a solid waste that exhibits the characteristic of corrosivity, but is not listed as a hazardous waste (D002).

- o One RCRIS-SG small quantity generator is located within 0.25 mile radius of the site. This site generates the following waste types:

  - spent non-halogenated solvents (F003, F005); and
  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).

- o The site itself is a listed petroleum bulk storage facility. Additionally, two petroleum bulk storage tank sites are located within a 0.25 mile radius of the subject property:

Printed on recycled paper to help protect the environment

- o There are three LST (Leaking Storage Tanks) sites located within 0.5 mile radius of the subject property.

3.2 PHASE I CONCLUSIONS

In accordance with the conclusions drawn in the Phase I ESA Report, the property owner (Waste Management of New York), in consultation with AFI Environmental, elected to implement a Phase II investigation to examine the subsurface of the subject property. The purpose of the investigation was to determine the presence or absence of contamination on the site.

4.0 METHODS OF INVESTIGATION

The Phase II subsurface investigation was performed during the period of October 23 to November 2, 1994 with supplemental soil sampling conducted on December 6, 1994. This investigation was conducted in accordance with the investigation plan developed by AFI Environmental.

4.1 DRILLING, SOIL SAMPLING AND WELL INSTALLATION

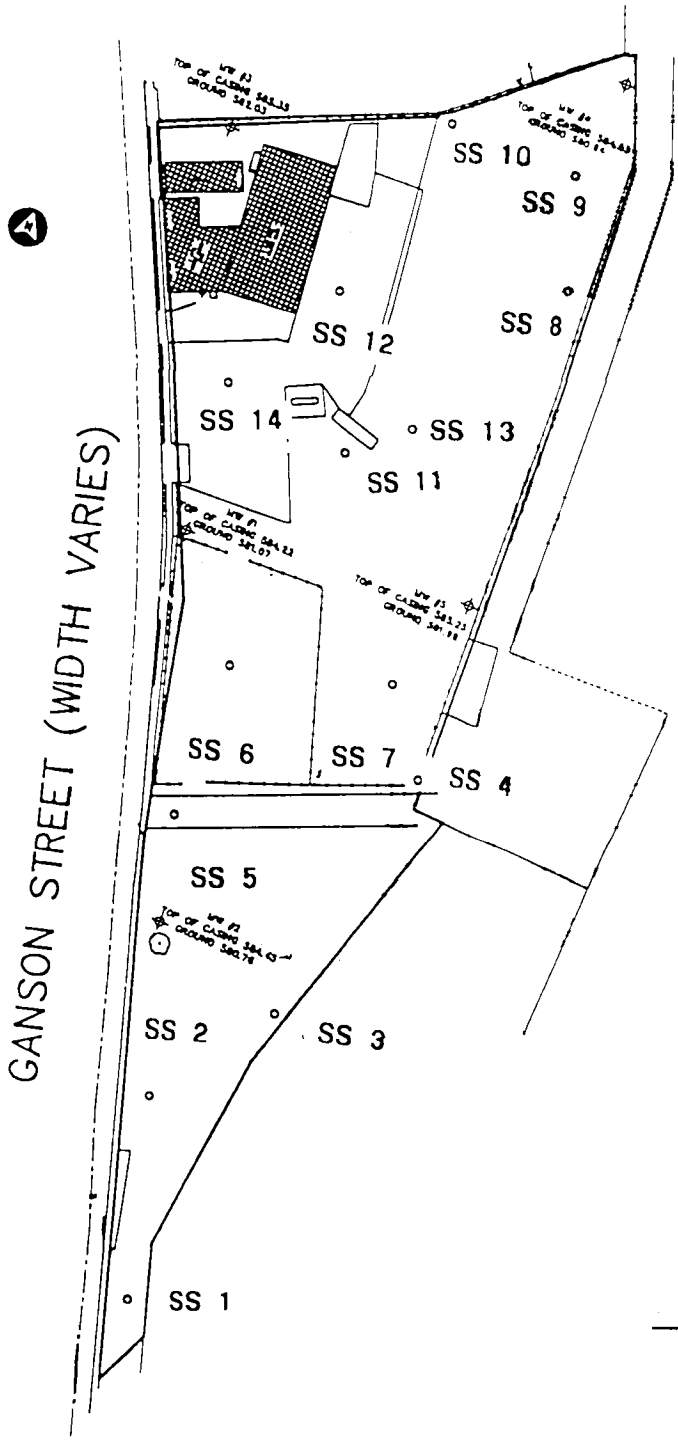
Drilling, soil sampling and well installation procedures employed during this investigation as outlined in the following sections, are consistent with the collection of high quality data for hydrogeologic studies, and were selected based upon the collective experience of AFI Environmental staff and the drilling contractor, Advanced Drilling Investigations (ADI) of Niagara Falls, New York. All field work was directly supervised and documented by a qualified AFI Environmental Geologist, and the methods utilized were intended to minimize the potential for cross contamination. Five (5) groundwater monitoring wells and ten (10) soil borings were completed, and three (3) sediment samples collected at the site, the locations of which are depicted by Figure 3.

4.1.1 GROUNDWATER MONITORING WELLS

Overburden consisted of clayey silt, fine sand, silty sand, silty clay, and silty fine sand that was saturated at approximately 4-7 feet below ground surface. No odor or visual evidence of contamination was noted during drilling operations. The following paragraphs summarize the drilling, installation and design of these wells.

The installation of the wells was performed using a Mobile B-57 Drill Rig to advance 4 1/2" ID hollow-stem augers through unconsolidated geologic materials to a depth of approximately seventeen (17) feet. Soil samples were obtained continuously throughout the total depth of the boring using 2" OD split-barrel samplers in accordance with ASTM-D1586 procedures for Standard Penetration Test (SPT). Auger drilling proceeded with a steel plug inserted at the bottom of the auger stem to prevent material from entering the hollow stem and

Printed on recycled paper to help protect the environment



LEGEND

PROPERTY LINE

– MONITORING WELL

ELEVATIONS SHOWN ARE REFERENCED TO NGVD'29

'SOIL SAMPLE

WENDEL

7458 CANAL ROAD, P.O. BOX 301
LOCKPORT N.Y. 14095 716-433-6993 716-625-8226

PART OF LOT		SEC.		TWP.	RNG.
CITY	BUFFALO			DATE	11/14/1994
COUNTY	ERIE, NY			SCALE	1"=100'

SOIL SAMPLE LOCATIONS

191 GANSON STREET PHASE 2

● PROJECT NO. H 1025

AFI ENVIRONMENTAL

6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO.
3

to ensure accurate split-spoon sampling. The split-spoon sampler used was two (2) feet in length, unpainted, and equipped with a functional ball-check valve above the sample tube. The bottom of the sampling tube was equipped with a removable plastic "basket" retainer. The split-spoon was advanced through unconsolidated geologic materials at and below the bottom of the augers with a standard 140-pound hammer falling freely 30 inches. Blow counts were recorded for each six inches of penetration. Split-spoon samples were logged using the Unified Soil Classification System (USCS). Representative samples obtained from each split spoon were placed in appropriately labeled sample containers and immediately sealed with aluminum foil and screw on-cap. Field screening of soil samples obtained from split-spoons was conducted in accordance with the procedures outlined in Section 4.3.2.

Accurate test boring logs were prepared to document overburden stratigraphy and characteristics, depth to water, and all pertinent drilling observations.

Monitoring wells were installed immediately after auguring of the bore holes. The wells were constructed of two (2) inch diameter schedule 40, threaded, flush joint, PVC riser pipe and 10-slot PVC well screen. The screen was ten (10) feet in length, and fitted with threaded bottom plugs. The well screens were installed from approximately 7 feet below to 17 feet below the ground surface. A sand pack was gradually introduced to fill the annular space between the screen and the borehole wall. The sand pack extended from the bottom of the borehole to approximately one half (1/2) foot above the top of the screen. The sand pack consisted of washed, graded, silica sand with an average grain size and grain size distribution such that it was compatible with the screen slot size of 0.01 inches. A two (2) foot thick bentonite pellet seal was placed above the sand pack, and a cement/bentonite grout slurry extended from the top of the bentonite pellet seal to within one (1) foot of the surface. The well was completed by installing a six (6) inch steel casing with a stickup of approximately three (3) feet, with a locking cap. The grout was allowed to set up for 48 hours prior to well development. The well completion diagrams were prepared to document well construction details and material specifications and are included in Appendix A.

4.1.2 SOIL BORINGS

Ten (10) soil borings were installed manually using a three (3) inch bucket auger. Soil samples obtained from the bucket auger, from a depth of 0.5' to 1.0', were immediately placed in properly labeled sample containers sealed with tin foil and a screw on cap for screening as described in section 4.3.2. Each soil boring was abandoned following the completion of auguring/sampling activities by backfilling with auger cuttings from the respective borehole.

4.1.3 SEDIMENT SAMPLES

Three (3) sediment samples were collected from each of the three onsite catch basins. The samples were collected using a shovel to remove some material from the bottom of the catch basin. Each sediment sample obtained from the catch basins were immediately placed in properly labeled sample containers sealed with tin foil and a screw on cap for screening as

Printed on recycled paper
to help protect the environment

described in section 4.3.2. Excess material collected from the catch basins was returned to the bottom of the catch basins.

4.2 WELL DEVELOPMENT

The following well development procedures were employed 48 hours after completion of the groundwater monitoring wells. This allowed the cement/bentonite grout sufficient time to set-up and enabled the wells to equilibrate. Prior to evacuation procedures the water level within the wells was measured with an audible signal, water level indicator to facilitate calculation of the volume of water within the well. Water was then evacuated from the wells using a decontaminated, plastic bailer. Well development continued until a minimum turbidity was achieved. All water withdrawn from the monitoring wells was properly contained within labeled, DOT approved 55 gallon drums to await proper disposal.

4.3 SAMPLE COLLECTION/SCREENING AND ANALYSIS

The sample collection/screening and analysis program implemented at the project site involved the collection of one (1) groundwater sample from each monitoring well; as well as the field screening of soil and sediment samples to enable the selection of two (2) soil samples from the ten (10) soil borings and one (1) sediment sample for chemical analyses. All sample collection and screening measures were performed in accordance with accepted protocols by an experienced AFI Environmental Geologist. All samples were placed in appropriately labeled sample containers for transport under proper chain of custody records to Lozier Laboratories for chemical analyses. The following sections outline sample collection and screening procedures, and identify the analytical methods employed to chemically characterize the groundwater and soil samples.

4.3.1 GROUNDWATER

After well development, the monitoring wells were allowed to equilibrate for 24 hours. The static water level within the monitoring wells were measured using an audible signal water level indicator. After calculating the volume of water contained within each well, purging was initiated. Purging was accomplished using decontaminated plastic bailers. Well purging continued until at least 3 well volumes were removed or a minimum of turbidity was obtained. All water withdrawn from the monitoring wells was properly contained within labeled, DOT approved 55 gallon drums to await proper disposal.

Groundwater sampling was performed within 24 hours after purging. The monitoring wells were sampled using decontaminated plastic bailers. The samples were placed in laboratory precleaned and prelabeled containers, appropriate preservatives were added, and the samples were placed on ice in a cooler for transport to Lozier Laboratories under proper chain of custody records. Five (5) groundwater samples underwent testing in accordance with EPA SW-846 3rd edition.

Printed on recycled paper
to help protect the environment.

4.3.2 SOIL

Soil samples obtained from split-spoons were screened for total organic vapors (TOVs) utilizing an HNu PID after equilibrating at room temperature for one (1) hour. After removing the screw on cap, the foil seal of the sample container was pierced with the probe of the PID, and a measurement was recorded. A summary of field screening results for VOCs is contained in Table #1. PID measurements were zero for all split spoon samples collected during monitoring well installation and ranged from 0 ppm to 0.7 ppm for the ten (10) soil and (3) three sediment samples.

Two (2) samples from the ten (10) soil borings and one (1) sediment sample from the three (3) drainage inlets were selected for chemical analysis based upon the results of field screening. The three (3) soil/sediment samples with the highest measured TOV concentration were placed in a laboratory precleaned and properly labeled sample containers and placed on ice in a cooler for transport under proper chain of custody records to Lozier Laboratories. All soil samples underwent testing in accordance with EPA SW-846 Method 8240 for VOCs, TCL Semi-VOCs by Method 8270, TCL Pesticides/PCBs by Method 8080, RCRA Metals by Method 6010/7000s , and Cyanide by Method 9012.

4.4 DECONTAMINATION

All drilling equipment such as augers, bits and sampling equipment which came in contact with subsurface materials was decontaminated via steam cleaning before and after drilling activities at each borehole. Equipment decontamination consisted of the removal of all soils with a high pressure, low volume, steam and detergent wash. Split-spoon decontamination was performed between samples and consisted of a detergent wash and potable water rinse.

The AFI geologist supervising the field investigation ensured that all equipment was properly decontaminated prior to use at the site, between each borehole, and before leaving the site.

4.5 CONTAINMENT OF WASTES

Drill cuttings from the installation of the monitoring wells were transferred into labeled DOT-approved 55 gallon drums to await proper disposal. Similarly, all decontamination fluids and liquids withdrawn from the groundwater monitoring wells during development, purging and sampling activities were contained within labeled DOT-approved 55 gallon drums to await proper disposal by the client.

5.0 ANALYTICAL RESULTS

5.1 SOIL

Printed on recycled paper
to help protect the environment

The Lozier laboratory report containing the analytical results for the soil samples analyzed via EPA SW-846 Method(s) 8240, 8270, 8080, 6010/7000 and 9012 are presented in Appendix C. This report also contains the case narrative, laboratory quality assurance/quality control (QA/QC) data, and chain of custody records. An initial review of the data indicated that the holding times for the 8080 Pesticides/PCBs and the TCL Semi-VOCs 8270 soil samples were exceeded prior to analysis. These samples were destroyed and resampled on December 6, 1994. All data reported within this report was analyzed within the required holding times, laboratory blanks were free of contamination, and all QC data were acceptable. These data are summarized and discussed in Section 6.0.

5.2 GROUNDWATER

The results of the chemical analysis of the five (5) groundwater samples collected from the onsite monitoring wells are presented in Appendix D. Additionally, the case narrative, laboratory QA/QC data and chain of custody records for these samples are presented therein. All groundwater samples were analyzed within the required holding times, surrogate standard recoveries were within acceptable limits (except for the low acid recoveries due to matrix interference on method 8270 for samples 1,3,4,5 and sample 6 for method 8080), and laboratory blanks were free of contamination. Section 6.0 contains a summary and evaluation of these groundwater data.

6.0 CONTAMINATION ASSESSMENT

An evaluation of the data resulting from the chemical analysis of soil and groundwater samples collected from the project site, including data from previous studies, was performed with respect to the following:

- o Type of Contamination
- o Potential Sources of Contamination
- o Compliance with Applicable Regulatory Guidelines

The succeeding subsections provide an assessment of the subsurface conditions at the project site, based upon available data, and provide the foundation for the recommendations concerning further investigation and/or remediation of the site discussed in Section 8.0.

6.1 SOIL

Analytical results from the two (2) soil samples and one (1) sediment sample collected from the project site have indicated the presence of a number of volatile organic compounds (VOCs) and semi volatile organic compounds (SEMIVOCs) commonly associated with petroleum contstituents, possibly from fuel oil. Table 2 presents a summary of these results in a comparative format which includes the guidance values for each parameter as specified in the NYSDEC publication: *Spill Technology and Remediation Series (STARS) Memo #1 and/or*

Printed on recycled paper
to help protect the environment

NYSDEC Soil Cleanup Objectives and Cleanup levels TAGM (January 24, 1994). As illustrated by Table #2, and discussed within the laboratory case narrative, all sediment samples were diluted, prior to analysis, due to the presence of a brown viscous petroleum hydrocarbon within the sample extract. The dilution of the sample raised the detection limits far above the NYSDEC guidance values by several orders of magnitude. Further, PCB-1260 was detected at all locations sampled and analyzed, with the highest concentration at location # 9.

Based upon the location from which soil samples containing significant concentrations of VOCs and SEMIVOCs were collected; one can assume that impacts to the soil near the former UST location (location #10) and the fueling/container staging area (location #11) has occurred as the results of minor spillage or leaks. This assumption is consistent with the field screening data presented in Table #1. A further review of the same table reveals that not all samples locations exhibited VOC's. This may indicate that the impacts from the petroleum releases to the soil is limited. This assumption is supported by the lack of VOC's during the screening of the split spoon samples and the lack of any VOCs in the groundwater samples collected from the site. Therefore one could assume that not all areas of the site are contaminated with petroleum constituents.

6.2 GROUNDWATER

The chemical analysis of groundwater samples collected from the overburden monitoring wells installed on the site, did not indicate the presence of petroleum constituents in exceedance of NYSDEC guidance values. These data are summarized in Table #3. Based on a comparison with applicable guidance values established by the NYSDEC STARS Memo #1 and NYSDEC TAGM dated January 24, 1994, it appears that none of the contaminants encountered in the soil/sediments have entered the groundwater at any of the areas monitored. Further, it appears that contaminants originating from areas off-site are not migrating on-site via the groundwater flow system and that onsite contaminants are not migrating offsite via the groundwater system.

7.0 CONCLUSIONS

AFI Environmental collected a total of three (3) soil/sediment and five (5) groundwater samples from the project site for analysis pursuant to NYSDEC Petroleum-Contaminated Soil Guidance Policy. The resulting analytical data was assessed to determine if contaminated soil was present and to characterize groundwater quality. In general, contaminated soil was encountered in varying degrees in the areas sampled. In this case we don't know that the values exceed the NYSDEC requirements because of the analytical method selected for analysis. It isa possible that some of the particular constituent levels could exceed the NYSDEC STARS limits, but this is unknown because TVLP analysis was not performed. The area of the former UST (sample location #10) demonstrated higher levels for VOCs and SEMIVOCs, than the truck fueling/waste container staging area (sample location #11). However, the sludge/sediment sample (sample location # 14) collected from the surface water runoff collection inlet was highest of all, especially for Acetone and Toluene (39,000 and 62,400 ppb respectfully). PCB-1260,

Printed on recycled paper to help protect the environment.

normally of low mobility, was detected in all samples, with the highest value recorded in the staging/refueling area. PCBs may be resulting from fill brought on-site prior to Downing Container's existence, or it maybe a result of current activity and made mobil via the liquid petroleum fraction in the soils.

Groundwater samples collected from the five (5) overburden monitoring wells were clean. No contravention of NYSDEC guidance values for drinking water standards, in the areas monitored, has occurred. The placement of the monitoring wells near the periphery of the site indicates that no contaminants are entering or leaving the site via the groundwater flow system of the overburden, in the areas monitored.

8.0 RECOMMENDATIONS

Based upon the analytical data generated during the course of this investigation and a review of NYSDEC Petroleum-Contaminated Soil Guidance Policy, AFI Environmental recommends that a more extensive soil/sediment investigation be conducted. The objective of this program, would be to determine the concentrations, distribution (horizontal and vertical) and source of petroleum and PCB-1260 constituents in the soil. Once the boundaries, source and extent of the constituents, are defined, a corrective action program could be implemented. This would allow remediation of the site soils to within levels that are protective of human health and the environment.

However, recognizing that the site is located in a highly industrialized area and that the site is not currently leaching constituents into the groundwater or offsite via groundwater, a combination of testing, soil remediation, and paving with asphalt, concrete, or other impermeable semi-permanent material may warrant consideration.

The ultimate selection of the remedial method should be based upon further soil investigation and a number of parameters, including but not limited to effectiveness, potential impacts to human health and the environment, cost, and compatibility with the current commercial nature of the site. AFI also recommends that the NYSDEC be consulted regarding acceptable clean-up levels at the site, as well as the means by which these objectives will be achieved; once additional data has been collected and reviewed.

9.0 LIMITATIONS

This report is based upon the application of scientific principles and professional judgement to certain facts with resultant subjective interpretations. Professional judgements expressed herein are based on the facts currently available within the limits of the existing data, scope of services, budget and schedule. To the extent that more definitive conclusions are desired by the client than are warranted by the current available facts, it is specifically AFI

Printed on recycled paper
to help protect the environment.

Environmental's intent that the conclusions and recommendations stated herein will be intended as guidance and not necessarily a firm course of action except where explicitly stated as such. AFI makes no warranties, expressed or implied including without limitation, warranties as to merchantability or fitness of a particular purpose. Furthermore, the information provided in this report is not to be construed as legal advice. This investigation and report have been conducted and prepared on behalf of and for the exclusive use of Waste Management of New York, Downing Container et al. who may distribute it at their discretion.

Printed on recycled paper
to help protect the environment.

TABLE 1

SUMMARY OF FIELD SCREENING RESULTS

BORING LOCATION ID NUMBER	DEPTH BELOW GROUND SURFACE								
	0'-2'	2'-4'	4'-6'	6'-8'	8'-10'	10'-12'	12'-14'	14'-16'	16'-18'
	TOTAL ORGANIC VAPORS (TOV'S) MEASURED BY PID (PPM)								
MW-1	0	0	0	0	0	0	0	0	0
MW-2	0	0	0	0	0	0	0	0	0
MW-3	0	0	0	0	0	0	0	0	0
SOIL SAMPLE LOCATION	0.5'-1.0'								
SS-1	0								
SS-2	0								
SS-3	0								
SS-4	0								
SS-5	0								
SS-6	0.2								
SS-7	0.2								
SS-8	0								
SS-9	0								
SS-10 (A)	0.7								
SS-11 (A)	2.5								
SS-12*	0.2								
SS-13*	0.2								
SS-14* (A)	0.2								

* SEDIMENT/SLUDGE Sample from drainage inlet.

(A) These samples were sent out for analysis.

Printed on recycled paper
to help protect the environment.

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
FOR
SOIL SAMPLES

SAMPLE NUMBER			S-1	S-2	S-3
LOCATION			SS-10	SS-11	SS-14
DEPTH BELOW GROUND SURFACE			0'-1'	0'-1'	SEDIM
SUBSTANCE Analysis performed by method 8270.	NYSDEC GUIDANCE VALUES (PPB)*	NYSDEC ALLOWABLE SOIL CONCEN (PPM)**	CONCENTRATIONS (PPB)		
Acenaphthene	20	.9	<700	<720	<1900
Acenpthylene	20	.41	<700	<720	<1900
Benzidine	.002	N/A	<1500	<1600	<3900
Benzo(a)Anthracene	.002	.03	<2900	<700	<1900
Benzo(a)Pyrene	.002	.11	2700	<700	<1900
Benzo(a)Flouranthene	.002	.011	3000	<700	<1900
Benzo(ghi)Perylene	5	8.0	2200	800	<1900
Benzo(k)Flouranthene	.002	1.1	2000	<700	<1900
Biz(2-ethylhexyl) Phthalate	50	4.35	800	1200	50,000
Chrysene	.002	.004	2500	<700	<1900
Dibenzo(a,h) Anthracene	50	1.650	1000	<700	<1900
3,3'-Dichlorobenzidine	N/A	N/A	<1300	<1400	<3900
Di-N-Butyl Phthalate	50	.081	6700	3000	<1900
Flouranthene	50	19	3600	<700	19,000
Indeno-(1,2,3,-c,d) Pyrene	.002	.032	1900	<700	<1900
Phenanthrrene	50	2.20	3400	800	23000
Pyrene	50	6.65	5000	1000	25,000

*,** Reference NYSDEC TAOM- determination of Soil Cleanup Objectives Jan. 24, 1994.

Printed on recycled paper
to help protect the environment.

TABLE 2

SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES (CONT)

SAMPLE NUMBER			S-1	S-2	S-3
LOCATION			SS-10	SS-11	SS-14
DEPTH BELOW GROUND SURFACE			0'-1'	0'-1'	SEDIM
SUBSTANCE Analysis performed by Method 8240.	NYSDEC GUIDANCE VALUES (PPB)	NYSDEC ALLOWABLE SOIL CONCEN (PPM)*	CONCENTRATIONS (PPB)		
Acetone	50	.0011	< 144	69	<3,900
2-Butanone	50	0.3	< 144	<50	<39,000
Vinyl Acetate	N/A	N/A	< 144	<52	<39,000
4-Methyl2-Pentanone	50	.01	< 144	<52	<39,000
Toluene	5	.015	< 14	<5	62,400
2Hexanone	50	N/A	< 144	<52	<39,000
Chlorobenzene	5	.017	< 14	<5	<3,900
Ethylbenzene	5	.055	< 14	<5	<3,900
Total Xylene	5	.012	<29	<11	<7,800
Styrene	50	N/A	< 14	<5	<3,900
1,1,2,2 Tetrachloroethane	5	.006	< 14	<5	<3,900

* NYSDEC Guidance Values from Jan 24, 1994 TAGM-Determination of Soil Cleanup Objectives and Cleanup Levels. HWR94-4046.

Allowable soil concentrations may be increased by a factor of 100 if the contamination is in the unsaturated zone above the water table. The value of 100 for correction is consistent with the logic used by EPA in its Dilution Attenuation Factor (DAF) approach for EP Toxicity and TCLP. (reference TAGM HWR94-4046).

Soil cleanup objectives are obtained by multiplying the allowable soil concentration by the correction factor.

Printed on recycled paper
to help protect the environment

TABLE 2

SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES (CONT)

SAMPLE NUMBER			S-1	S-2	S-3
LOCATION			SS-10	SS-11	SS-14
DEPTH BELOW GROUND SURFACE			0'-1'	0'-1'	SEDIM
SUBSTANCE Analysis performed by Method 6010/7000.	NYSDEC GUIDANCE VALUES (PPB)	NYSDEC ALLOWABLE SOIL CONCEN (PPM)*	CONCENTRATIONS (PPB)		
Total Cyanide	N/A	SB	1.44	0.91	2.39
Arsenic	N/A	7.5/ SB	35.3	5.58	3.96
Barium	N/A	300/SB	350	179	324
Cadmium	N/A	1/SB	<2.45	<2.34	7.22
Chromium	N/A	10/SB	36.6	19.5	31.0
Lead	N/A	SB	393	51.6	131
Mercury	N/A	0.1	0.13	0.09	0.22
Selenium	N/A	2/SB	<0.47	<0.46	<0.31
Silver	N/A	SB	<2.38	<2.33	2.68
Analysis by Method 8080 PCB-1260	0.1	.1	250	6,700	340

* Reference NYSDEC TAGM- Determination of Soil Cleanup Objectives and Cleanup Levels Jan. 24, 1994 HWR 94-4046.

Printed on recycled paper to help protect the environment.

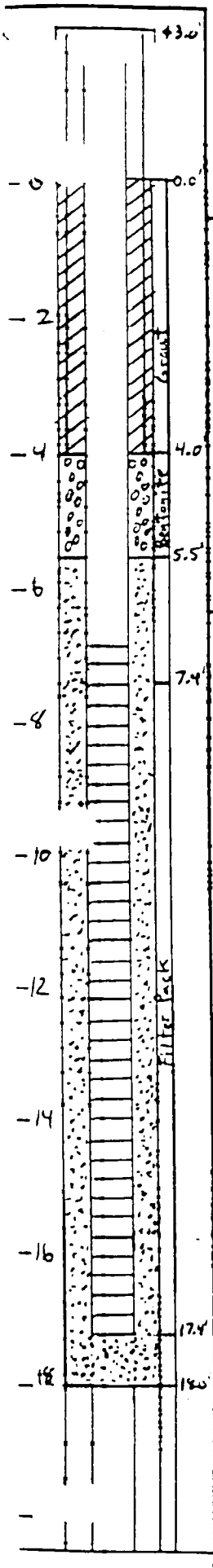
TABLE 3

SUMMARY OF ANALYTICAL TEST RESULTS FOR GROUNDWATER

Sample Number			S-1	S-2	S-3	S-4	S-5
Location			MW -1	MW -2	MW -3	MW -4	M-5
Water surface depth below ground surface			5.1'	7.1'	5.8'	2.9'	5.9
Substance Analyzed	METHOD	NYSDEC Guidance Value (ppb)**	Concentrations (ppb)				
Benzene	8240	0.7	<5	<5	<5	<5	<5
Toluene	8240	5	<5	<5	<5	<5	<5
Ethylbenzene	8240	5	<5	<5	<5	<5	<5
Chlorobenzene	8240	5	<5	<5	<5	<5	<5
Total Xylene	8240	5	10*	10*	10*	10*	10*
Chloroethane	8240	50	10*	10*	10*	10*	10*
Acetone	8240	50	50*	50*	50*	50*	50*
2- Butanone	8240	50	50*	50*	50*	50*	50*
4-Methyl-2-Pentanone	8240	50	50*	50*	50*	50*	50*
Styrene	8240	5	<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane	8240	5	<5	<5	<5	<5	<5
Naphthalene	8270	10	<5	<5	<5	<5	<5
Benzo(a)Anthracene	8270	.002	<5	<5	<5	<5	<5
Benzo(a)Pyrene	8270	.002	<5	<5	<5	<5	<5
Floranthene	8270	50	<5	<5	<5	<5	<5
Chrysene	8270	.002	<5	<5	<5	<5	<5

NOTES:
* All value are less than stated value
** TCLP Extraction Guidance Value for Gasoline Contaminated Soil as specified in the STARS Memo #1 prepared by the NYSDEC.

Printed on recycled paper to help protect the environment



Well No. MW-1

Boring No. X-Ref: "

MONITOR WELL CONSTRUCTION SUMMARY

Survey Coords: _____ Elevation Ground Level _____

Top of Casing (PVC)

Drilling Summary:

Total Depth 18.0 ft.
Borehole Diameter 10.0 in.
Casing Stick-up Height: (PVC): 2.6 ft.
Driller B. Lambert (MSTD Services)
Niagara Falls, New York
Rig Mobile Drill: B-57
Bit(s) Auger bit w/ plug
Drilling Fluid N/A
Protective Casing 6" x 7' Steel: Set @ 4.0ft.

Construction Time Log:

Task	Start Date	Start Time	Finish Date	Finish Time
Drilling	10/27/94	1000	10/27/94	11:00
Geophys. Logging:	—	—	—	—
Casing: Well Installation	10/27/94	1100	10/27/94	1120
Filter Placement:	10/27/94	1120	10/27/94	1140
Cementing:	10/27/94	1140	10/27/94	1150
Development:	10/31/94	1030	10/31/94	1445

Well Design & Specifications

Basis: Geologic Log X Geophysical Log ___
Casing String (s): C = Casing S = Screen.

Depth	String(s)	Elevation
+2.6' - 7.4'	C	—
7.4' - 17.4'	S	—
—	—	—
—	—	—
—	—	—

Casing: C1 2" PVC - Flush thread
C2 —
Screen: S1 2" PVC (10 slot) - Flush thread
S2 —
Filter Pack: #3 Morie
5.5 - 18.0 ft. BGS
Grout Seal: Portland Cement/Bentonite
Surface to 4.0 ft. BGS
Bentonite Seal: Medium Bentonite Chips
(Hydrated above water table)
4.0 - 5.5 ft. BGS

Well Development:

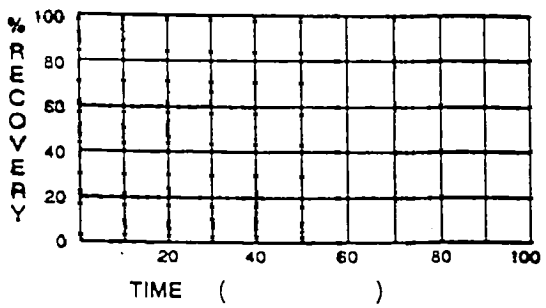
Well Volume = 1.4 gallons. 10/31/94
Well purged of ~10 well volumes.
Water contained on site in 55 gal drum

Stabilization Test Data: N/A

Time	pH	Spec. Cond.	Temp. (C)

Recovery Data: N/A

Q= S_o=



Comments: Well was sampled with dedicated bailer on 11/2/94 for TCL Organics (8240, 8270, 8080) and TAL Inorganics (TCN, metals). Samples submitted to Lozier Labs, 909 Culver Rd., Rochester, NY.

SITE NAME WMNY LOCATION 191 Ganson St., Buffalo, NY
WC 10165
SUPERVISED BY Scott M. Cady DATE 10/27/94

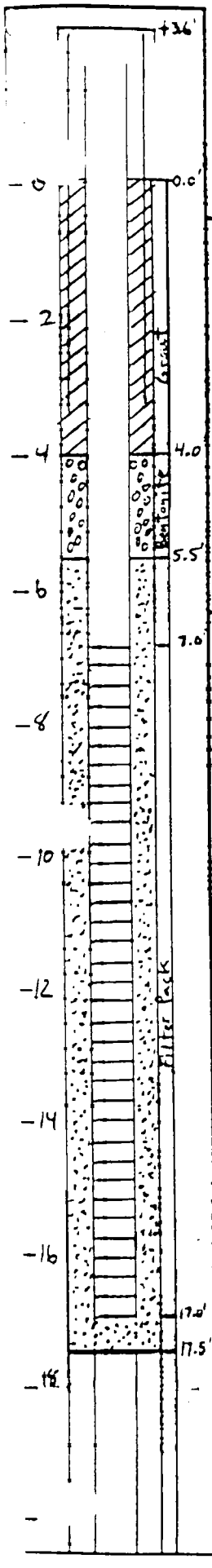
Well No. MW-2

Boring No. X-Ref: "

MONITOR WELL CONSTRUCTION SUMMARY

Survey Coords: _____ Elevation Ground Level _____

Top of Casing (PVC)



Drilling Summary:

Total Depth 17.5 ft.
Borehole Diameter 10.0 in.
Casing Stick-up Height: (PVC) = 3.6 ft.
Driller B. Lambert (MSTD Services)
Niagara Falls, New York
Rig Mobile Drill: B-57
Bit(s) Auger bit w/ plug
Drilling Fluid N/A
Protective Casing 6" x 7' Steel: Set @ 3.4 ft.

Construction Time Log:

Task	Start Date	Start Time	Finish Date	Finish Time
Drilling	10/27/94	1330	10/27/94	1430
Geophys. Logging:	—	—	—	—
Casing:	10/27/94	1430	10/27/94	1435
Well Installation				
Filter Placement:	10/27/94	1435	10/27/94	1445
Cementing:	10/27/94	1445	10/27/94	1515
Development:	10/31/94	1645	10/31/94	1505

Well Design & Specifications

Basis: Geologic Log X Geophysical Log ___

Casing String (s): C = Casing S = Screen.

Depth	String(s)	Elevation
+3.6' - 7.0'	C	—
7.0' - 17.0'	S	—
—	—	—
—	—	—
—	—	—

Casing: C1 2" PVC - Flush thread

C2 —

Screen: S1 2" PVC (10 slot) - Flush thread

S2 —

Filter Pack: #3 Morie
5.5 - 17.5 ft. BGS

Grout Seal: Portland Cement / Bentonite
Surface to 4.0 ft. BGS

Bentonite Seal: Medium Bentonite Chips (Hydrated above water table)
4.0 - 5.5 ft. BGS

Well Development:

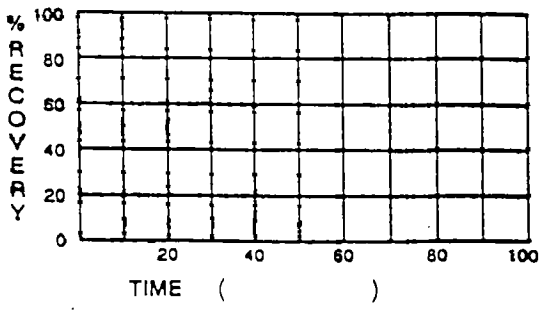
Well Volume = 1.1 gallons. 10/31/94
Well purged of 10 well volumes.
Water contained on site in 55 gal drum

Stabilization Test Data: N/A

Time	pH	Spec. Cond.	Temp (°C)

Recovery Data: N/A

Q= S_o=

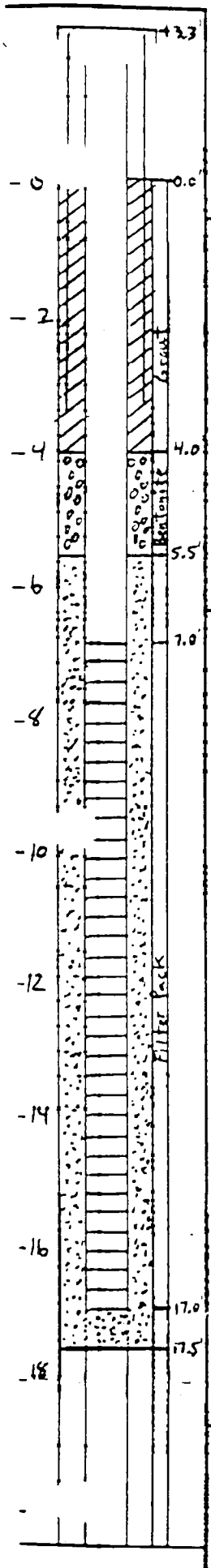


Comments: Well was sampled with dedicated bailer on 11/2/94 for TCL Organics (8240, 8270, 8080) and TAL Inorganics (TCN, metals). Samples submitted to Lozier Labs, 909 Culver Rd., Rochester, NY.

SITE NAME WMNY LOCATION 191 Ganson St., Buffalo, NY

WC 10165

SUPERVISED BY Scott M. Cody DATE 10/27/94



Well No. MW-3

Boring No. X-Ref: "

MONITOR WELL CONSTRUCTION SUMMARY

Survey Coords: _____ Elevation Ground Level _____

Top of Casing (PVC)

Drilling Summary:

Total Depth 17.5 ft.
Borehole Diameter 10.0 in.
Casing Stick-up Height: (PVC) : 2.9 ft.
Driller B. Lambert (MSTD Services)
Niagara Falls, New York
Rig Mobile Drill: B-57
Bit(s) Auger bit w/ plug
Drilling Fluid N/A
Protective Casing 6" x 7' Steel: Set @ 3.7 ft.

Construction Time Log:

Task	Start Date	Start Time	Finish Date	Finish Time
Drilling	10/27/94	1600	10/28/94	0800
Geophys. Logging:	—	—	—	—
Casing:				
Well Installation	10/28/94	0930	10/28/94	0805
Filter Placement:	10/28/94	0805	10/28/94	0920
Cementing:	10/28/94	0920	10/28/94	0850
Development:	10/31/94	1105	10/31/94	1545

Well Design & Specifications

Basis: Geologic Log X Geophysical Log ___
Casing String (s): C = Casing S = Screen.

Depth	String(s)	Elevation
+3.0' - 7.0'	C	___ - ___
7.0' - 17.0'	S	___ - ___
___ - ___	___	___ - ___
___ - ___	___	___ - ___
___ - ___	___	___ - ___

Casing: C1 2" PVC - Flush thread
C2 —
Screen: S1 2" PVC (10 slot) - Flush thread
S2 —
Filter Pack: #3 Morie
5.5 - 17.5 ft. BGS
Grout Seal: Portland Cement/Bentonite
Surface to 4.0 ft. BGS
Bentonite Seal: Medium Bentonite Chips
(hydrated above water table)
4.0 - 5.5 ft. BGS

Well Development:

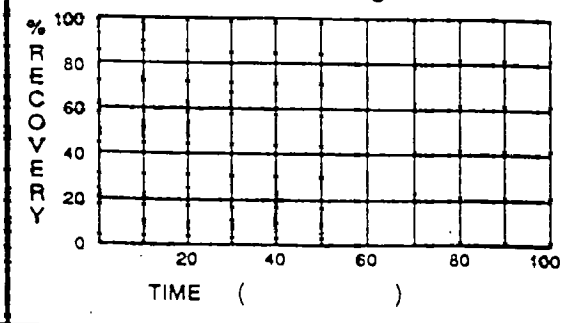
Well Volume = 1.3 gallons. 10/31/94
Well purged of 10 well volumes.
Water contained on site in 55 gal drum

Stabilization Test Data: N/A

Time	pH	Spec. Cond.	Temp (C)

Recovery Data: N/A

Q= S_o=



Comments: Well was sampled with dedicated bailer on 11/2/94 for TCL Organics (8240, 8270, 8080) and TAL Inorganics (TCN, metals). Samples submitted to Lozier Labs, 909 Culver Rd., Rochester, N.Y.

SITE NAME WMNY LOCATION 191 Ganson St., Buffalo, NY WC 10165

SUPERVISED BY Scott M. Cady DATE 10/28/94

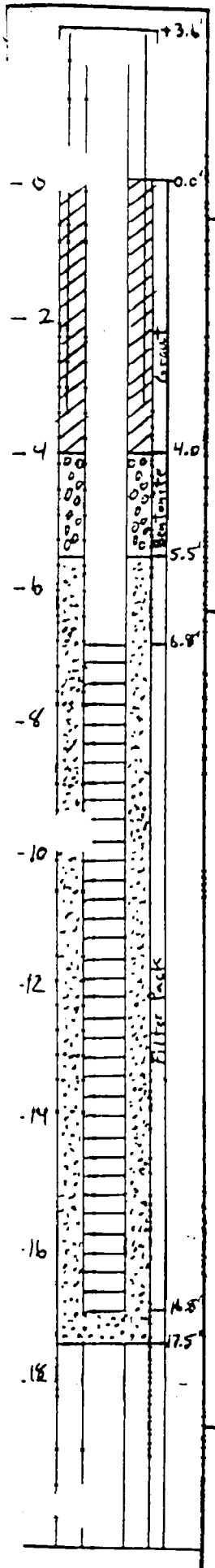
Well No. MW-4

Boring No. X-Ref: "

MONITOR WELL CONSTRUCTION SUMMARY

Survey Coords: _____ Elevation Ground Level _____

Top of Casing (PVC)



Drilling Summary:

Total Depth 17.5 ft.
Borehole Diameter 10.0 in.
Casing Stick-up Height: (PVC): 3.2 ft.
Driller B. Lambert (MSTD Services)
Niagara Falls, New York

Rig Mobile Drill: B-57
Bit(s) Auger bit w/ plug

Drilling Fluid N/A

Protective Casing 6" x 7' Steel: Set @ 3.4'

Construction Time Log:

Task	Start Date	Start Time	Finish Date	Finish Time
Drilling	10/28/94	0945	10/28/94	1215
Geophys. Logging:	—	—	—	—
Casing:				
Well Installation	10/28/94	1215	10/28/94	1220
Filter Placement:	10/28/94	1220	10/28/94	1235
Cementing:	10/28/94	1235	10/28/94	1300
Development:	10/31/94	1110	10/31/94	1630

Well Design & Specifications

Basis: Geologic Log X Geophysical Log ___
Casing String (s): C = Casing S = Screen.

Depth	String(s)	Elevation
+3.2' - 6.8'	C	—
6.8' - 14.8'	S	—
—	—	—
—	—	—
—	—	—

Casing: C1 2" PVC - Flush thread
C2 —

Screen: S1 2" PVC (10 slot) - Flush thread
S2 —

Filter Pack: #3 Morie
5.5 - 17.5 ft. BGS

Grout Seal: Portland Cement / Bentonite
Surface to 4.0 ft. BGS

Bentonite Seal: Medium Bentonite Chips (hydrated above water table)
4.0 - 5.5 ft. BGS

Well Development:

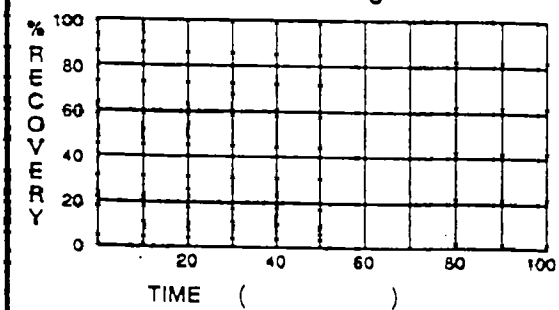
Well Volume = 1.6 gallons. 10/31/94
Well purged of 10 well volumes;
Water contained on site in 55 gal drum

Stabilization Test Data: N/A

Time	pH	Spec. Cond.	Temp (C)

Recovery Data: N/A

Q= S_o=



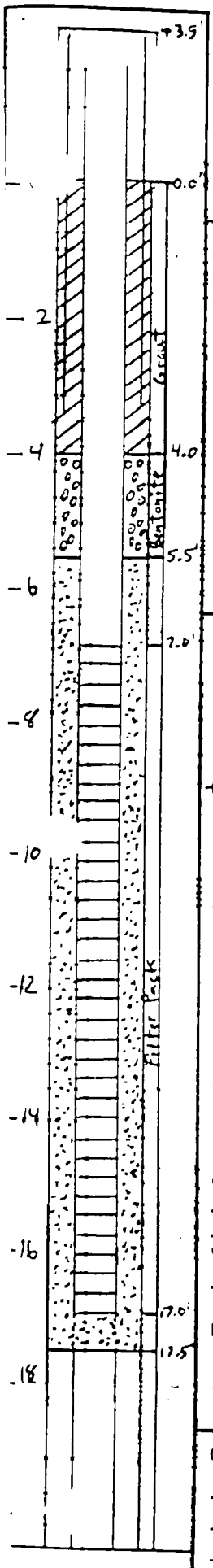
Comments: Well was sampled with dedicated bailer on 11/2/94 for TCL Organics (8240, 8270, 8080) and TAL Inorganics (TCN, metals). Samples submitted to Lozier Labs, 909 Culver Rd., Rochester, NY.

SITE NAME WMNY LOCATION 191 Genesee St., Buffalo, NY

WC 10165

SUPERVISED BY Scott M. Cady DATE 10/28/94

Printed on recycled paper



Well No. MW-5

Boring No. X-Ref: "

MONITOR WELL CONSTRUCTION SUMMARY

Survey Coords: _____ Elevation Ground Level _____

Top of Casing (PVC)

Drilling Summary:

Total Depth 17.5 ft.
Borehole Diameter 10.0 in.
Casing Stick-up Height: (PVC) : 3.0 ft.
Driller B. Lambert (MSTD Services)
Niagara Falls, New York
Rig Mobile Drill: B-57
Bit(s) Auger bit w/ plug
Drilling Fluid N/A
Protective Casing 6" x 7' Steel: Set @ 3.5 ft.

Construction Time Log:

Task	Start Date	Start Time	Finish Date	Finish Time
Drilling	10/28/94	1340	10/28/94	1430
Geophys. Logging:	—	—	—	—
Casing:				
Well Installation	10/28/94	1430	10/28/94	1435
Filter Placement:	10/28/94	1435	10/28/94	1455
Cementing:	10/28/94	1455	10/28/94	1515
Development:	10/31/94	1055	10/31/94	1700

Well Design & Specifications

Basis: Geologic Log X Geophysical Log ___
Casing String (s): C = Casing S = Screen.

Depth		String(s)	Elevation
+3.0'	7.0'	C	
7.0'	17.0'	S	

Casing: C1 2" PVC - Flush thread
C2 —
Screen: S1 2" PVC (10 slot) - Flush thread
S2 —
Filter Pack: #3 Marie
5.5 - 17.5 ft. BGS
Grout Seal: Portland Cement / Bentonite
Surface to 4.0 ft. BGS
Bentonite Seal: Medium Bentonite Chips
(Hydrated above water table)
4.0 - 5.5 ft. BGS

Well Development:

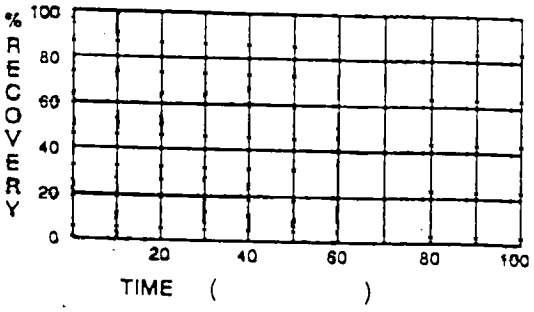
Well Volume = 1.2 gallons. 10/31/94
Well purged of 10 well volumes.
Water contained on site in 55 gal drum

Stabilization Test Data: N/A

Time	pH	Spec. Cond.	Temp. (C)

Recovery Data: N/A

Q= S_o=



Comments:

Well was sampled with dedicated bailer on 11/2/94 for TCL Organics (8240, 8270, 8080) and TAL Inorganics (TCN, metals). Samples submitted to Lozier Labs, 909 Culver Rd., Rochester, N.Y.

SITE NAME WMNY LOCATION 191 Ganson St., Buffalo, NY
WC 10165
SUPERVISED BY Scott M. Cady DATE 10/28/94

FIELD LOG – SOIL BOREHOLE

SITE NAME AND LOCATION: WMNY - 191 Gunson St. Buffalo, New York

Western property line near entrance along chain link fence.

DATUM: ELEVATION:

DRILL RIG: Mobile Drill: B-57

ANGLE: — BEARING: —

SAMPLE HAMMER TORQUE: N/A FT.-LBS

DRILLING METHOD: 4¼" I.D. Hollow-stem augers

SAMPLING METHOD: Continuous Split-spoon samples ASTM: D-1586

WATER LEVEL	8.10'	8.37'	7.71'	
TIME	1100	1030	1050	
DATE	10/27/94	10/21/94	11/2/94	
CASING DEPTH	—	—	—	

BORING NO.: MW-1

SHEET: 1 OF 1

DRILLING: START TIME 1000 DATE 10/27/94; FINISH TIME 1100 DATE 10/27/94

SURFACE CONDITIONS: Generally crushed stone / fill material in parking and / or storage areas

DRILLING CONTR. MSTD Services Niagara Falls, New York

FS 21478

DEPTH IN FEET (ELEVATION)	BLOWS/6 IN ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	SAMPLER AND BIT	CASING TYPE	BLOWS/FOOT ON CASING	DEPTH IN FEET FROM	DEPTH IN FEET TO	DESCRIPTION OF OPERATION AND REMARKS
2	5-4 4-4 (1.1')		1 Dk brn-blk FILL, f-m GRAVEL (slag) and f-c SAND, loose, damp.	N/A	N/A	N/A	0	2'	Note: Headspace readings (HNu-101) performed on all recovered samples (0 ppm for all)
4	2-2 2-6 (0.8')	3.5'	2 Same, some cinders and brick, damp brn wet ~3.5' (No Recovery S-3), spoon saturated.				2	4'	
6	9-6 5-6 (NA)		3 Med brn, mottled org brn Clayey SILT, little f Sand, damp, mod compact, grdg to silty fine SAND @ 7.0'				4	6'	
8	2-3 3-3 (1.7')	7.0'	4 Med brn silty f SAND, some med grey rust mottling, mod compact, saturated slight increase silt w/ depth.				6	8'	
10	2-1 2-2 (1.4')		5 Med brn, silty VF-F SAND, saturated, Same to 13.2'				8	10'	
12	1-2 1-2 (1.9')		6 Med brn clayey SILT, organic-rich, damp-moist, mod compact, abnt wood fragments (natural).				10	12'	
14	2-2 2-2 (2.0')	13.2' 12.8'	7 Med-dk grey Silty CLAY, moist, mod. plastic				12	14'	
16	2-2 6-6 (1.5')	14.9'	8 Med brn, occ org brn mottling silty fine SAND, loose-sl compact, saturated slight increase in grain size w/depth f gravel/c Sand lense 14.7-16.9', silty clay lense 16.9-17.1'				14	16'	Boring terminated @ 18.0' Augered to 18.0' Set 2" x 10' PVC screen (10 slot) @ 17.5' (See Monitoring Construction Summary)
18	1-2 3-4 (1.9')	17.6'	9 Red brn CLAY, some silt, damp, mod stiff, mod plastic.				16	18'	
20									

LOGGED BY Scott M. Cody DATE 10/27/94 CHK'D BY

FIELD LOG – SOIL BORE HOLE

SITE NAME AND LOCATION: WMNY - 191 Ganson St. Buffalo, New York

Western property line (along Ganson St.) near south west corner of property.

DATUM: — ELEVATION: —

DRILL RIG: Mobile Drill: B-57

ANGLE: — BEARING: —

SAMPLE HAMMER TORQUE: N/A FT.-LBS

DRILLING METHOD: 4¼" I.D. Hollow-stem augers

SAMPLING METHOD: Continuous Split-spoon samples

ASTM: D-1586

BORING NO.: MW-2

SHEET: 1 OF 1

				DRILLING START	DRILLING FINISH
WATER LEVEL (STOL-PVC)	11.0'	10.34'	10.13'		
TIME	1430	1045	1123	TIME 1330	TIME 1430
DATE	10/27/94	10/31/94	11/2/94	DATE 10/27/94	DATE 10/27/94
CASING DEPTH	—	—	—		

SURFACE CONDITIONS: Generally crushed stone / fill material in parking and/or storage areas

DRILLING CONTR: MSTD Services, Niagara Falls, New York

FS 21478

DEPTH IN FEET (ELEVATION)	BLOWS/6 IN ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	SAMPLER AND BIT	CASING TYPE	BLOWS/FOOT ON CASING	DEPTH IN FEET FROM	DEPTH IN FEET TO	DESCRIPTION OF OPERATION AND REMARKS
2	10-9 10-11 (0.2')		1 Med-dk brn f GRAVEL and f-c SAND, little Silt + Clay, loose, damp. (No Recovery: S-2), spoon dry.				0	2'	Note: Headspace readings (HNu-101) performed on all recovered samples (0 ppm for all).
	16-10 10-8 (NR)	~3.5'	2 Med-dk brn / grey brn w/ org brn mottling clayey SILT, organic-rich, mod compact, damp.				2	4'	
4	9-6 7-7 (1.0')		3 Some grdy to silty Fine sand 6.3'				4	6'	
6	7-7 8-7 (1.4')	6.3'	4 Med brn / grey brn, org brn mottling silty f SAND, mod compact, damp-moist.				6	8'	
8	2-2 2-3 (1.8')		5 Some to 10.8', wet-saturated, w/ thin Silty Clay seams.				8	10'	
10	2-1 2-2 (2.0')	10.8' 11.4'	6 Med-dk grey brn Clayey SILT, organic-rich, damp, mod-sl compact				10	12'	
12	2-1 2-2 (1.8')		7 Med-dk grey Silty CLAY, damp, mod plastic w/ thin Silty f Sand seams, mod compact, wet, occ organic-rich, occ olive green.				12	14'	
14	3-3 3-3 (1.0')	14.5'	8 Olive green Silty f-m SAND, little f Gravel, mod-sl compact, saturated				14	16'	Sampled to 18.0' Augered to 17.5' Set 2" x 10' Screen (10 slot) at 17.0' (See Monitor Well Construction Summary)
16	1-3 5-6 (2.0')	17.5'	9 Same, decrease f Gravel, saturated				16	18'	
18			Red brn Silty CLAY, plastic, moist						
20									

LOGGED BY: Scott M. Cody

DATE: 10/27/94 CHK'D BY: ____

© material may not be reproduced

FIELD LOG – SOIL BOREHOLE

SITE NAME AND LOCATION: WMNY - 191 Ganson St. Buffalo, New York

Along northern property line north of office and maintenance building.

DATUM: ELEVATION:

DRILL RIG: Mobile Drill: B-57

ANGLE: — BEARING: —

SAMPLE HAMMER TORQUE: N/A FT.-LBS

DRILLING METHOD: 4¼" I.D. Hollow-stem augers

SAMPLING METHOD: Continuous Split-spoon samples ASTM: D-1586

BORING NO.: MW-3

SHEET: 1 OF 1

(PVC) WATER LEVEL	11.55'	8.97'	8.77'
TIME	0800	1105	1230
DATE	10/26/94	10/31/94	11/2/94
CASING DEPTH	—	—	—

DRILLING START: TIME 1600, DATE 10/27/94

DRILLING FINISH: TIME 0800, DATE 10/28/94

SURFACE CONDITIONS: Generally crushed stone / fill material in parking and/or storage areas

DRILLING CONTR: MSTD Services, Niagara Falls, New York

FS 214478

DEPTH IN FEET (ELEVATION)	BLOWS/6 IN ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	SAMPLER AND BIT	CASING TYPE	BLOWS/FOOT ON CASING	DEPTH IN FEET FROM	DEPTH IN FEET TO	DESCRIPTION OF OPERATION AND REMARKS
2	7-10 9-10 (1.5')	2.5'	1 Blk-dk brn Fill, cinders, slag, fr brick, loose - sl compct, mst.				0	2'	Note: Headspace readings (HNu-10.1) performed on all recovered samples (0 ppm on all).
			Same to 2.5'						
4	5-6 5-6 (1.8')		2 Med brn - red brn, occ orng brn mottling, mod plastic, damp - moist. Silty clay				2	4'	
	5-4 5-6 (1.7')		3 Same, some olive green w/ thin (<½") fine sand seams.				4	6'	
6	6-5	6.5'	Same to 6.5'						
	1-4 1-0'		4 Med-dk brn, clayey SILT, organic-rich, loose, wet, w/ occ v thin (<1") fine sand seams.				6	8'	
8	2-3 4-5 (1.7')	8.5'	5 Med-dk grey w/ olive green & orng brn mottling silty CLAY, mod stiff, mst, organic-rich, w/ occ thin f sand seams, moist-wet.				8	10'	
10	2-2 2-2 (1.9')	11.5'	6				10	12'	
12	2-3 2-3 (1.8')		7 Grades to grey brn / olive green silty f SAND, mod compct, saturated				12	14'	
14	1-4 6-8 (1.6')		8 Interbedded/interlaminated olive green, grey brn w/ orng brn mottling silty CLAY and silty f SAND, moist, saturated in sand lenses.				14	16'	
16	7-8 7-8 (2.0')	17.7'	9				16	18'	Sampled to 18.0' Augered to 17.5' 2" x 10' Screen (10 slot) set @ 17.2'
18			Red brn w/ med grey mottling silty CLAY, mod stiff, mod plastic, moist (spoon saturated).						
20									

LOGGED BY Scott M. Cody

DATE 10/27-10/28/94 CHK'D BY

FIELD LOG – SOIL BOREHOLE

SITE NAME AND LOCATION: WMNY - 191 Ganson St. Buffalo, New York

Northeast corner of property.

DRILLING METHOD: 4¼" I.D. Hollow-stem augers

SAMPLING METHOD: Continuous Split-spoon samples ASTM: D-1586

BORING NO.: MW-4

SHEET: 1 OF 1

				DRILLING START	DRILLING FINISH
WATER LEVEL	11.22	6.94'	6.08'		
TIME	1215	1110	1330	0945	1215
DATE	10/28/94	10/31/94	11/2/94	10/28/94	10/28/94
CASING DEPTH	–	–	–		

DATUM: ELEVATION:

DRILL RIG: Mobile Drill: B-57

ANGLE: – BEARING: –

SAMPLE HAMMER TORQUE: N/A FT.-LBS

SURFACE CONDITIONS: Generally crushed stone / fill material in parking and/or storage areas

DRILLING CONTR: MSTD Services, Niagara Falls, New York

DEPTH IN FEET (ELEVATION)	BLOWS/6 IN ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	BLOWS/FOOT ON CASING	DEPTH IN FEET FROM	DEPTH IN FEET TO	DESCRIPTION OF OPERATION AND REMARKS
2	10-6 6-5 (1.4')	2.4'	1 Med-dk brn FILL, f-m GRAVEL (cinders / slag), wood, to brick fuse, damp, becm wet @ 2.4'		0	2'	Note: Head space readings (HNu-10) performed on all recovered samples (0 ppm on all).
4	6-5 3-3 (1.7')	4.5'	2 Red brn w/ grey, org brn mottling clayey SILT, w/ thin silty f sand seams, mod stiff, damp.		2	4'	
6	3-3 3-3 (1.1')		3 Grades to grey brn / olive green silty CLAY, mod plastic, moist w/ v thin seams / lenses silty f sand.		4	6'	
8	2-3 3-6 (2.0')	9.0'	4 Some to 9.0', brn wet.		6	8'	
10	3-3 4-4 (1.5')		5 Grades to olive green / grey silty f SAND, some clay, moist-wet mod compct.		8	10'	
12	3-2 3-4 (2.0')		6 Some, sl incr sand, wet-saturated		10	12'	
14	2-2 2-3 (2.0')	13.5'	7 Grades to silty clay w/ thin f sand.		12	14'	
16	4-3 5-8 (2.0')	14.9'	8 Dk grey brn clayey SILT, organic-rich, mod compct, wet 14.2'-14.5' steel grey silty CLAY. 14.5'-14.9' steel grey silty f-m sand, loose, saturated.		14	16'	Sampled to 18.0' Augered to 17.5' Set 2" x 10' Screen (10 slot) @ 16.8' (See Monitor Well Construction Summary)
18	10-16 27-26 (1.7')		9 Red brn silty clay w/ grey f sand fracture fill / seams, mod plastic, moist.		16	18'	
20							

LOGGED BY Scott M. Cody DATE 10/28/94 CHK'D BY

FS 21478

FIELD LOG – SOIL BORE HOLE

SITE NAME AND LOCATION: WMNY - 191 Ganson St. Buffalo, New York

Along chainlink fence on eastern property line due east of entrance.

DATUM: ELEVATION:

DRILL RIG: Mobile Drill: B-57

ANGLE: — BEARING: —

SAMPLE HAMMER TORQUE: N/A FT.-LBS

DRILLING METHOD: 4¼" I.D. Hollow-stem augers

SAMPLING METHOD: Continuous Split-spoon samples

ASTM: D-1586

WATER LEVEL	10.48'	9.24	8.98'
TIME	1340	1055	1400
DATE	10/28/94	10/31/94	11/2/94
CASING DEPTH	—	—	—

BORING NO.: MW-5

SHEET: 1 OF 1

DRILLING START: TIME 1340 DATE 10/28/94

DRILLING FINISH: TIME 1430 DATE 10/28/94

SURFACE CONDITIONS: Generally crushed stone / fill material in parking and/or storage areas

DRILLING CONTR: MSTD Services, Niagara Falls, New York

FS 21478

DEPTH IN FEET (ELEVATION)	BLOWS/6 IN ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	BAMPLER AND BIT	CASING TYPE	BLOWS/FOOT ON CASING	DEPTH IN FEET FROM	DEPTH IN FEET TO	DESCRIPTION OF OPERATION AND REMARKS
2	10-6 10-20 (1.4')		1 Med - dk brn FILL, cinders, slag, chert fragments, some brick, trace asphalt w/ clayey silt matrix, dry - sl damp				0	2'	Note: Headspace readings (HNu-10) performed on all recovered samples (0 ppm on all).
4	7-5 5-4 (1.4')		2				2	4'	
	5-4 5-4 (2.0')	5.5'	3 3.0-4.5': olive green w/ org brn mottling clayey SILT, little F Sand, mod compact, damp - moist.				4	6'	
6	3-3	6.6'	Dk grey organic-rich clayey SILT little F Gravel, wood, moist.				6	8'	
	4-4 (1.7')	7.5'	4 Olive green w/ blk and org brn mottling, SILT, CLAY, plastic, moist, grading to olive green Silty F SAND, w/ thin clayey silt/silt, clay seams, mod compact, moist.				8	10'	
8	6-5 4-5 (1.5')		5				10	12'	
10	3-3 3-3 (1.5')		6 Same, sl increase f sand, occ thin f-g silty sand lenses saturated.				12	14'	
12	3-2	13.0'	7				14	16'	Sampled to 18.0'
	2-3 (2.0')		Dk grey brn - blk organic-rich clayey SILT, tr f gravel, wood, mod compact, damp - moist.						Augered to 17.5'
14	3-4	15.0'	8						Set 2" x 10' Screen (10 slot) @ 17.0'
	3-4 (2.0')		Grey brn f-m SAND, some silty clay, mod compact, wet - saturated slight incr Sand w/ depth.				16	18'	(See Monitor Well Construction Summary)
16	3-3 7-6 (2.0')	17.2'	9						
18			Rdbrn and mod grey brn (Laminated) Silty CLAY, mod stiff, mod plastic, damp						
20									

LOGGED BY: Scott M. Cody

DATE: 10/28/94

CHK'D BY:

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : AFI ENVIRONMENTAL
6101 ROBINSON RD
LOCKPORT, NY 14094

DATE REC'D. : 12/06/94
LABORATORY NO. : 94116329
REPORT DATE : 12/09/94

ATTN : BILL HEITZENRATER

RE : WMNY, GANSON ST., BUFFALO, NY

SAMPLE INFORMATION

SAMPLE DATE : 12/06/94
SAMPLE TIME : 12:20-12:47 PM
NUMBER OF SAMPLES : 3

LOCATION : SEE REFERENCE
TYPE OF SAMPLE: SOILS/SLUDGE
SAMPLER : LOZIER LABS

PESTICIDES

PARAMETER	WET WT	DRY WT	WET WT	DRY WT	WET WT	DRY WT	UNITS
	LOCATION #10		LOCATION #9		LOCATION #14		
ALPHA-ENDOSULFAN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
BETA-ENDOSULFAN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ENDOSULFAN SULFATE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ALPHA-BHC	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
BETA-BHC	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
DELTA-BHC	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
GAMMA-BHC	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ALDRIN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
DIELDRIN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
4,4-DDE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
4,4-DDD	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
4,4-DDT	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ENDRIN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ENDRIN ALDEHYDE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
HEPTACHLOR	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
HEPTACHLOR EPOXIDE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
CHLORDANE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
TOXAPHENE	<0.5	<0.6	<0.5	<0.6	<0.5	<0.8	mg/kg
METHOXYCHLOR	<0.10	<0.1	<0.10	<0.1	<0.10	<0.1	mg/kg
% SURROGATE RECOVERIES:	116	--	132	--	336*	--	%

Analysis performed by EPA Method 8080 Organochlorine Pesticides and PCB's on 11/29/94 and extracted on 12/08/94.

*High % recovery due to matrix pattern interference (acceptable range: 34-183%).

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94126329

POLYCHLORINATED BIPHENYLS

PARAMETER	WET WT	DRY WT	WET WT	DRY WT *	WET WT	DRY WT	UNITS
	LOCATION #10		LOCATION #9		LOCATION #14		
PCB-1221	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB 1232	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1016	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1242	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1248	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1254	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1260	0.22	0.25	5.6	6.7	0.22	0.34	mg/kg
PCB-1262	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1268	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
TOTAL PCB's	0.22	0.25	5.6	6.7	0.22	0.34	mg/kg
**% SOLIDS	89.1	--	83.4	--	63.9	--	%
% SURROGATE RECOVERIES:	116	--	132	--	336*	--	%

Analysis performed by EPA Method 8080 Organochlorine Pesticides and PCB's on 11/29/94 and extracted on 12/08/94.

*High % recovery due to matrix pattern interference (acceptable range: 34-183%).

**Percent Solids analysis performed by EPA Method 160.3 on 12/09/94.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94126329

EPA METHOD 8270 SEMIVOLATILES (ACIDS/BASE NEUTRALS)
MATRIX : SOLID

PARAMETER	WET WT	DRY WT	WET WT	DRY WT	WET WT	DRY WT	METHOD
	LOCATION #10		LOCATION #9		LOCATION #14		BLANK
ACENAPHTHENE	<620	<700	<620	<720	<1,200	<1,900	<330
ACENAPTHYLENE	<620	<700	<620	<720	<1,200	<1,900	<330
ANTHRACENE	760	850	<620	<720	<1,200	<1,900	<330
BENZIDINE	<1,300	<1,500	<1,300	<1,600	<2,500	<3,900	<660
BENZO(a)ANTHRACENE	2,600	2,900	<620	<700	<1,200	<1,900	<330
BENZO(a)PYRENE	2,400	2,700	<620	<700	<1,200	<1,900	<330
BENZO(b)FLUORANTHENE	2,800	3,000	<620	<700	<1,200	<1,900	<330
BENZO(ghi)PERYLENE	2,000	2,200	630	800	<1,200	<1,900	<330
BENZO(k)FLUORANTHENE	1,800	2,000	<620	<700	<1,200	<1,900	<330
BENZOIC ACID	<1,300	<1,500	<1,300	<1,600	<2,500	<3,900	<660
BENZYL ALCOHOL	<1,300	<1,500	<1,300	<1,600	<2,500	<3,900	<660
BENYL BUTYL PHTHALATE	<620	<700	<620	<700	<1,200	<1,900	<330
BIS(2-CHLOROETHOXY)METHANE	<620	<700	<620	<700	<1,200	<1,900	<330
BIS(2-CHLOROETHYL)ETHER	<620	<700	<620	<700	<1,200	<1,900	<330
BIS(2-CHLOROISOPROPYL)ETHER	<620	<700	<620	<700	<1,200	<1,900	<330
BIS(2-ETHYLHEXYL)PHTHALATE	700	800	990	1,200	32,000	50,000	<330
4-BROMOPHENYLPHENYL ETHER	<620	<700	<620	<700	<1,200	<1,900	<330
4-CHLORO-3-METHYLPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
4-CHLOROANILINE	<620	<700	<620	<700	<1,200	<1,900	<330
2-CHLORONAPHTHALENE	<620	<700	<620	<700	<1,200	<1,900	<330
2-CHLOROPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
4-CHLOROPHENYL PHENYL ETHER	<620	<700	<620	<700	<1,200	<1,900	<330
CHRYSENE	2,200	2,500	<620	<700	<1,200	<1,900	<330
DIBENZO(a,h)ANTHRACNE	900	1,000	<620	<700	<1,200	<1,900	<330
DIBENZOFURAN	<620	<700	<620	<700	<1,200	<1,900	<330
1,2-DICHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
1,3-DICHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
1,4-DICHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
3,3'-DICHLOROBENZIDINE	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
DIETHYL PHTHALATE	<620	<700	<620	<700	<1,200	<1,900	<330
2,4-DICHLOROPHENOL	<620	<700	<1,200	<1,400	<1,200	<1,900	<330
DIMETHYL PHTHALATE	<620	<700	<1,200	<1,400	<1,200	<1,900	<330
DI-N-BUTYL PHTHALATE	6,000	6,700	2,700	3,000	<1,200	<1,900	1,400
DI-N-OCTYL PHTHALATE	<620	<700	<620	<700	<1,200	<1,900	<330
2,4-DINITROTOLUENE	<620	<700	<620	<700	<1,200	<1,900	<330
2,6-DINITROTOLUENE	<620	<700	<620	<700	<1,200	<1,900	<330
FLUORANTHENE	3,200	3,600	<620	<700	12,000	19,000	<330
FLOURENE	<620	<700	<620	<700	<1,200	<1,900	<330

Analysis performed by EPA Method 8270 Solid Waste on 12/08/94 and extracted on 12/07/94.
Results expressed in ug/kg.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFEIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94126329

EPA METHOD 8270 SEMIVOLATILES (ACIDS/BASE NEUTRALS)
MATRIX : SOLID

PARAMETER	WET WT	DRY WT	WET WT	DRY WT	WET WT	DRY WT	METHOD
	LOCATION #10		LOCATION #9		LOCATION #14		BLANK
HEXACHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
HEXACHLOROBUTADIENE	<620	<700	<620	<700	<1,200	<1,900	<330
HEXACHLOROCYCLOPENTADIENE	<620	<700	<620	<700	<1,200	<1,900	<330
HEXACHLOROETHANE	<620	<700	<620	<700	<1,200	<1,900	<330
INDENO-(1,2,3,-c,d)PYRENE	1,700	1,900	<620	<700	<1,200	<1,900	<330
ISOPHORONE	<620	<700	<620	<700	<1,200	<1,900	<330
2-METHYL-4,6-DINITROPHENOL	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
2-METHYLNAPTHALENE	<620	<700	630	800	<1,200	<1,900	<330
2-METHYLPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
4-METHYLPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
NAPHTHALENE	<620	<700	<620	<700	<1,200	<1,900	<330
2-NITROANILINE	<620	<700	<620	<700	<1,200	<1,900	<330
3-NITROANILINE	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
4-NITROANILINE	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
NITROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
2-NITROPHENOL	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
4-NITROPHENOL	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
n-NITROSODIMETHYLAMINE	<620	<700	<620	<700	<1,200	<1,900	<330
n-NITROSODI-n-PROPYLAMINE	<620	<700	<620	<700	<1,200	<1,900	<330
n-NITROSODIPHENYLAMINE	<620	<700	<620	<700	<1,200	<1,900	<330
PENTCHLOROPHENOL	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
PHENANTHRENE	3,000	3,400	690	800	15,000	23,000	<330
PHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
PYRENE	4,600	5,000	930	1,000	16,000	25,000	<330
1,2,4-TRICHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
2,4,5-TRICHLOROPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
2,4,6-TRICHLOROPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
% SURROGATE RECOVERIES:							
ACID EXTRACTABLE							
2-FLUORPHENOL (25-121)	100	--	94	--	38	--	82
PHENOL-d5 (10-94)	96	--	96	--	31	--	76
2,4,6 TRIBROMOPHENOL(19-122)	99	--	94	--	32	--	78
NITROBENZENE-d5 (23-120)	88	--	88	--	28	--	77
2-FLUOROBIPHENYL (30-115)	100	--	100	--	47	--	82
TERPHENYL-d14 (18-137)	112	--	118	--	51	--	84

Analysis performed by EPA Method 8270 Solid Waste on 12/08/94 and extracted on 12/06/94.
Results expressed in ug/kg.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CASE NARRATIVE
FOR LOZIER LABORATORY REPORT 94116329

PROBLEM TYPE:

H - HOLDING TIME	D - DILUTION
T - TUNE	I - INTERNAL STANDARDS
S - SURROGATES	M - MS/MSD/MSB
B - BLANKS	X - _____
C - CALIBRATION	Y - _____
D - DUPLICATES	Z - _____

PROBLEM	SAMPLE	ANALYST'S COMMENTS
D	1,2,3	The sample extracts were dark brown and viscous. The presence of petroleum hydrocarbons in the analysis precludes lower reporting levels.

NYSDOH LAB ID # 10390
acq

ALAN J. LAPPIN
LABORATORY DIRECTOR

ATTN: BILL HEITZENRATER

LC ?IER LABORATORIES

CHAIN OF CUSTODY RECORD

Client Name: AFI ENVIRONMENTAL

Mailing Address:

Results by FRIDAY 12/9

LABORATORY NO: 6329

Project Name: GRAYSON ST, BUFFALO N.Y. Resamples

SAMPLE IDENTIFICATION	DATE	TIME	LOCATION	SAMPLE TYPE	ANALYSIS: Semi VOA TCL	ANALYSIS: PCB/PEST.	NUMBER OF CONTAINERS	REMARK
Soil-Surface-6" #1	12-6-94	1220	Location #10	Grab Comp.	X	X	1	
Soil Surface-6" #2	"	1257	Location #9	Comp	"	"	1	
Sludge #3	"	1247	Location #14	Comp	"	"	1	

SAMPLED BY: B. Cahill
SIGN

	1	2	3	4
RELINQUISHED BY:	B Cahill SIGN 12-6-94 1445 DATE TIME	SIGN DATE TIME	SIGN DATE TIME	SIGN DATE TIME
RECEIVED BY:	SIGN DATE TIME	SIGN DATE TIME	SIGN DATE TIME	SIGN DATE TIME

METHOD OF SHIPMENT: Hand

B Cahill
SIGN

RECEIVED FOR LABORATORY BY:

SIGN

DATE 12/6/94 2:45

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : AFI ENVIRONMENTAL
6101 ROBINSON RD
LOCKPORT, NY 14094

ATTN : BILL HEITZENRATER

DATE REC'D. : 11/01/94
LABORATORY NO. : 94115635
REPORT DATE : 12/08/94

RE : WMNY, GANSON ST.
BUFFALO, NY

SAMPLE INFORMATION

SAMPLE DATE : 10/31/94
SAMPLE TIME : 3:15-4:00 PM
NUMBER OF SAMPLES : 3

LOCATION : SEE REFERENCE
TYPE OF SAMPLE : SOILS/SLUDGE
SAMPLER : CLIENT

LABORATORY REPORT

PARAMETER	S-1 WET WEIGHT	S-1 DRY WEIGHT	S-2 WET WEIGHT	S-2 DRY WEIGHT	S-3 WET WEIGHT	S-3 DRY WEIGHT	EPA METHOD	DATE ANALYZED
% SOLID (%)	86.8	--	95.4	--	64.1	--	160.3	11/04
TOTAL CYANIDE	1.25	1.44	0.87	0.91	1.53	2.39	9010	11/17
ARSENIC	30.7	35.3	5.31	5.58	2.54	3.96	7060	11/16
BARIUM	304	350	170	179	208	324	7080	11/08
CADMIUM	<2.13	<2.45	<2.23	<2.34	4.63	7.22	7130	11/07
CHROMIUM	31.8	36.6	18.6	19.5	19.9	31.0	7190	11/09
LEAD	342	393	49.1	51.6	83.8	131	7420	11/08
MERCURY	0.11	0.13	0.09	0.09	0.14	0.22	7471	11/10
SELENIUM	<0.41	<0.47	<0.44	<0.46	<0.20	<0.31	7740	11/16
SILVER	<2.07	<2.38	<2.22	<2.33	1.72	2.68	7760	11/09

Results expressed in mg/kg except where otherwise noted.

NYSDOH LAB ID # 10390
acq

ALAN J. LABIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

EPA METHOD 8240 : VOLATILE ORGANICS

PARAMETER	S-1		S-2		S-3		METHOD	INSTRUMENT
	WW	DW	WW	DW	WW	DW	BLANK	BLANK (ug/l)
CHLOROMETHANE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
VINYL CHLORIDE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
BROMOMETHANE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
CHLOROETHANE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
1,1-DICHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
CARBON DISULFIDE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
ACETONE	<125	<144	66	69	<25,000	<39,000	<50	<50
METHYLENE CHLORIDE	<12	<14	<5	<5	<2,500	<3,900	17	<5
TRANS-1,2-DICHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
CIS-1,2-DICHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,1-DICHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
2-BUTANONE	<125	<144	<50	<52	<25,000	<39,000	<50	<50
CHLOROFORM	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,1,1-TRICHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
CARBON TETRACHLORIDE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
BENZENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,2-DICHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
TRICHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,2-DICHLOROPROPANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
VINYL ACETATE	<125	<144	<50	<52	<25,000	<39,000	<50	<50
BROMODICHLOROMETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
cis-1,3-DICHLOROPROPANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
4-METHYL-2-PENTANONE	<125	<144	<50	<52	<25,000	<39,000	<50	<50
TOLUENE	<12	<14	<5	<5	40,000	62,400	<5	<5
TRANS-1,3-DICHLOROPROPENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,1,2-TRICHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
TETRACHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
2-HEXANONE	<125	<144	<50	<52	<25,000	<39,000	<50	<50
DIBROMOCHLOROMETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
CHLOROBENZENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
ETHYLBENZENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
TOTAL XYLENES	<25	<29	<10	<11	<5,000	<7,800	<10	<10
STYRENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
BROMOFORM	<25	<29	<10	<11	<5,000	<7,800	<10	<10
1,1,2,2-TETRACHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
% SURROGATE RECOVERIES:								
1,2-DCE-d4 (70-121)	93 %		88 %		102 %		102 %	88 %
TOL-d8 (81-117)	118 %		114 %		99 %		99 %	98 %
4-BFB (74-121)	82 %		85 %		93 %		92 %	94 %

CASE NARRATIVE: Sample 1 had 2 grams analyzed. The presence of petroleum hydocarbons in matrix preclude lower reporting limits. Sample 3 analyzed by Medium Level Extraction Method (4 gm/10 ml); 0.025 ml/5 ml was purged and trapped FD 500x. The presence of petroleum hydrocarbons in matrix precludes lower reporting levels.

COMMENTS: WW = Wet Weight, DW = Dry Weight, Results expressed in ug/kg.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LO. .ER LABORATORIES

CHAIN Or CUSTODY RECORD

Client Name: AFI Environmental

Mailing Address: 6103 Robinson Rd
Lockport, NY 14094

LABORATORY NO: 9411 5635

Project Name: WMNY, Gansen St, Buffalo, NY

SAMPLE IDENTIFICATION	DATE	TIME	LOCATION	SAMPLE TYPE	ANALYSIS								NUMBER OF CONTAINERS		REMARK
									RCRA Metals	TCL	% Solids	TCL Organics			
S-1	10/31/94	15:15	SS-10	Soil					✓	✓	✓	✓	2-4 oz		Hand Auger
S-2	10/31/94	15:50	SS-11	Soil					✓	✓	✓	✓	2-4 oz		Hand Auger
S-3	10/31/94	16:00	SS-14	Sludge					✓	✓	✓	✓	2-4 oz		Catch Basin

SAMPLED BY: Scott M. Cody
SIGN

RELINQUISHED BY:
1 SIGN Scott M. Cody — DATE 11/1/94 — TIME 13:56
2 SIGN — DATE — TIME
3 SIGN — DATE — TIME
4 SIGN — DATE — TIME

RECEIVED BY:
1 SIGN — DATE — TIME
2 SIGN — DATE — TIME
3 SIGN — DATE — TIME
4 SIGN — DATE — TIME

METHOD OF SHIPMENT: Client drop-off

SIGN Scott M. Cody

RECEIVED FOR LABORATORY BY:
SIGN — DATE 11/1/94 — TIME 1:54p

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : AFI ENVIRONMENTAL
6101 ROBINSON RD
LOCKPORT, NY 14094

ATTN : BILL HEITZENRATER

DATE REC'D. : 11/02/94
LABORATORY NO. : 94115684
REPORT DATE : 12/07/94

RE : WMNY, GANSON ST.
BUFFALO, NY

SAMPLE INFORMATION

SAMPLE DATE : 11/02/94
SAMPLE TIME : 11:00-2:40 PM
NUMBER OF SAMPLES : 8

LOCATION : SEE REFERENCE
TYPE OF SAMPLE : GROUNDWATER
SAMPLER : CLIENT

LABORATORY REPORT

PARAMETER	S-1 M-1	S-2 M-2	S-3 M-3	S-4 M-4	S-5 M-5	UNITS	EPA METHOD	DATE ANALYZED
TOTAL CYANIDE	<0.005	<0.005	<0.005	<0.005	<0.005	mg/l	9010	11/03
ALUMINUM	7.92	4.79	10.5	2.29	9.24	mg/l	202.2	11/18
ANTIMONY	<0.001	<0.001	<0.001	<0.001	<0.001	mg/l	7041	11/12
ARSENIC	0.01	<0.01	<0.01	<0.01	0.02	mg/l	7060	11/16
BARIUM	<0.20	<0.20	0.25	0.42	0.82	mg/l	208.2	11/16
BERYLLIUM	<0.001	<0.001	<0.001	<0.001	<0.001	mg/l	7091	11/15
CADMIUM	<0.002	<0.002	<0.002	<0.002	<0.002	mg/l	7131	11/17
CALCIUM	62.2	61.6	84.6	114	193	mg/l	7140	11/04
CHROMIUM	0.04	0.07	0.05	0.05	0.07	mg/l	7190	11/22
COBALT	0.006	<0.005	0.008	<0.005	0.014	mg/l	7201	11/18
COPPER	0.042	0.113	0.052	<0.025	0.076	mg/l	7210	11/09
IRON	9.83	38.1	18.9	6.78	23.7	mg/l	7380	11/22
LEAD	0.010	<0.005	0.017	<0.005	0.019	mg/l	7421	11/15
MAGNESIUM	22.0	23.6	71.0	105	122	mg/l	7450	11/04
MANGANESE	3.60	2.80	1.04	4.97	4.38	mg/l	7460	11/16
MERCURY	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	mg/l	7470	11/10
NICKEL	0.06	0.09	0.08	0.06	0.11	mg/l	7520	11/09
POTASSIUM	5.1	10.0	4.9	4.3	19.0	mg/l	7610	11/04
SELENIUM	<0.005	<0.005	<0.005	<0.005	<0.005	mg/l	7740	11/16
SILVER	<0.01	<0.01	<0.01	<0.01	<0.01	mg/l	7760	11/09
SODIUM	110	172	39.2	151	689	mg/l	7770	11/04
THALLIUM	<0.004	<0.004	<0.004	<0.004	<0.004	mg/l	7841	11/15
VANADIUM	0.02	<0.01	<0.01	<0.01	0.03	mg/l	7911	11/17
ZINC	0.12	0.25	0.15	0.10	0.19	mg/l	7950	11/07

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94115684

EPA METHOD 8240 : VOLATILE ORGANICS

PARAMETER	MW-1	MW-2	MW-3	MW-4	MW-5	UNITS
CHLOROMETHANE	<10	<10	<10	<10	<10	ug/l
VINYL CHLORIDE	<10	<10	<10	<10	<10	ug/l
BROMOMETHANE	<10	<10	<10	<10	<10	ug/l
CHLOROETHANE	<10	<10	<10	<10	<10	ug/l
1,1-DICHLOROETHENE	<5	<5	<5	<5	<5	ug/l
CARBON DISULFIDE	<10	<10	<10	<10	<10	ug/l
ACETONE	<50	<50	<50	<50	87	ug/l
METHYLENE CHLORIDE	<5	<5	<5	<5	<5	ug/l
TRANS-1,2-DICHLOROETHENE	<5	<5	<5	<5	<5	ug/l
CIS-1,2-DICHLOROETHENE	<5	<5	<5	<5	<5	ug/l
1,1-DICHLOROETHANE	<5	<5	<5	<5	<5	ug/l
2-BUTANONE	<50	<50	<50	<50	<50	ug/l
CHLOROFORM	<5	<5	<5	<5	<5	ug/l
1,1,1-TRICHLOROETHANE	<5	<5	<5	<5	<5	ug/l
CARBON TETRACHLORIDE	<5	<5	<5	<5	<5	ug/l
BENZENE	<5	<5	<5	<5	<5	ug/l
1,2-DICHLOROETHANE	<5	<5	<5	<5	<5	ug/l
TRICHLOROETHENE	<5	<5	<5	<5	<5	ug/l
1,2-DICHLOROPROPANE	<5	<5	<5	<5	<5	ug/l
VINYL ACETATE	<50	<50	<50	<50	<50	ug/l
BROMODICHLOROMETHANE	<5	<5	<5	<5	<5	ug/l
cis-1,3-DICHLOROPROPANE	<5	<5	<5	<5	<5	ug/l
4-METHYL-2-PENTANONE	<50	<50	<50	<50	<50	ug/l
TOLUENE	<5	<5	<5	<5	<5	ug/l
TRANS-1,3-DICHLOROPROPENE	<5	<5	<5	<5	<5	ug/l
1,1,2-TRICHLOROETHANE	<5	<5	<5	<5	<5	ug/l
TETRACHLOROETHENE	<5	<5	<5	<5	<5	ug/l
2-HEXANONE	<50	<50	<50	<50	<50	ug/l
DIBROMOCHLOROMETHANE	<5	<5	<5	<5	<5	ug/l
CHLOROBENZENE	<5	<5	<5	<5	<5	ug/l
ETHYLBENZENE	<5	<5	<5	<5	<5	ug/l
TOTAL XYLENES	<10	<10	<10	<10	<10	ug/l
STYRENE	<5	<5	<5	<5	<5	ug/l
BROMOFORM	<10	<10	<10	<10	<10	ug/l
1,1,2,2-TETRACHLOROETHANE	<5	<5	<5	<5	<5	ug/l
% SURROGATE RECOVERIES:						
1,2-DCE-d4 (76-114)	96	93	96	96	97	%
TOL-d8 (88-110)	101	101	101	102	102	%
4-BFB (86-115)	100	99	98	99	98	%

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94115684

EPA METHOD 8240 : VOLATILE ORGANICS

PARAMETER	FIELD BLANK	TRIP BLANK	DI BLANK	INSTRUMENT BLANK	UNITS
CHLOROMETHANE	<10	<10	<10	<10	ug/l
VINYL CHLORIDE	<10	<10	<10	<10	ug/l
BROMOMETHANE	<10	<10	<10	<10	ug/l
CHLOROETHANE	<10	<10	<10	<10	ug/l
1,1-DICHLOROETHENE	<5	<5	<5	<5	ug/l
CARBON DISULFIDE	<10	<10	<10	<10	ug/l
ACETONE	<50	<50	<50	<10	ug/l
METHYLENE CHLORIDE	<5	<5	<5	<5	ug/l
TRANS-1,2-DICHLOROETHENE	<5	<5	<5	<5	ug/l
CIS-1,2-DICHLOROETHENE	<5	<5	<5	<5	ug/l
1,1-DICHLOROETHANE	<5	<5	<5	<5	ug/l
2-BUTANONE	<50	<50	<50	<50	ug/l
CHLOROFORM	7.5	<5	6.5	<5	ug/l
1,1,1-TRICHLOROETHANE	<5	<5	<5	<5	ug/l
CARBON TETRACHLORIDE	<5	<5	<5	<5	ug/l
BENZENE	<5	<5	<5	<5	ug/l
1,2-DICHLOROETHANE	<5	<5	<5	<5	ug/l
TRICHLOROETHENE	<5	<5	<5	<5	ug/l
1,2-DICHLOROPROPANE	<5	<5	<5	<5	ug/l
VINYL ACETATE	<50	<50	<50	<50	ug/l
BROMODICHLOROMETHANE	<5	<5	<5	<5	ug/l
cis-1,3-DICHLOROPROPANE	<5	<5	<5	<5	ug/l
4-METHYL-2-PENTANONE	<50	<50	<50	<50	ug/l
TOLUENE	<5	<5	<5	<5	ug/l
TRANS-1,3-DICHLOROPROPENE	<5	<5	<5	<5	ug/l
1,1,2-TRICHLOROETHANE	<5	<5	<5	<5	ug/l
TETRACHLOROETHENE	<5	<5	<5	<5	ug/l
2-HEXANONE	<50	<50	<50	<50	ug/l
DIBROMOCHLOROMETHANE	<5	<5	<5	<5	ug/l
CHLOROBENZENE	<5	<5	<5	<5	ug/l
ETHYLBENZENE	<5	<5	<5	<5	ug/l
TOTAL XYLENES	<10	<10	<10	<10	ug/l
STYRENE	<5	<5	<5	<5	ug/l
BROMOFORM	<10	<10	<10	<10	ug/l
1,1,2,2-TETRACHLOROETHANE	<5	<5	<5	<5	ug/l
% SURROGATE RECOVERIES:					
1,2-DCE-d4 (76-114)	98	96	96	94	%
TOL-d8 (88-110)	102	101	102	100	%
4-BFB (86-115)	99	98	99	99	%

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFAN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94115684

8270-AQUEOUS AE/BN

PARAMETER	MW-1	MW-2	MW-3	MW-4	MW-5	UNITS
ACENAPHTHENE	<5	<5	<5	<5	<5	ug/l
ACENAPTHYLENE	<5	<5	<5	<5	<5	ug/l
ANTHRACENE	<5	<5	<5	<5	<5	ug/l
BENZIDINE	<50	<50	<50	<50	<50	ug/l
BENZO(a)ANTHRACENE	<5	<5	<5	<5	<5	ug/l
BENZO(a)PYRENE	<5	<5	<5	<5	<5	ug/l
BENZO(b)FLUORANTHENE	<5	<5	<5	<5	<5	ug/l
BENZO(ghi)PERYLENE	<5	<5	<5	<5	<5	ug/l
BENZO(k)FLUORANTHENE	<5	<5	<5	<5	<5	ug/l
BENZOIC ACID	<20	<20	<20	<20	<20	ug/l
BENZYL ALCOHOL	<10	<10	<10	<10	<10	ug/l
BENYL BUTYL PHTHALATE	<5	<5	<5	<5	<5	ug/l
BIS(2-CHLOROETHOXY)METHANE	<5	<5	<5	<5	<5	ug/l
BIS(2-CHLOROETHYL)ETHER	<5	<5	<5	<5	<5	ug/l
BIS(2-CHLOROISOPROPYL)ETHER	<5	<5	<5	<5	<5	ug/l
BIS(2-ETHYLHEXYL)PHTHALATE	<5	<5	<5	<5	<5	ug/l
4-BROMOPHENYLPHENYL ETHER	<5	<5	<5	<5	<5	ug/l
4-CHLORO-3-METHYLPHENOL	<5	<5	<5	<5	<5	ug/l
4-CHLOROANILINE	<5	<5	<5	<5	<5	ug/l
2-CHLORONAPHTHALENE	<5	<5	<5	<5	<5	ug/l
2-CHLOROPHENOL	<5	<5	<5	<5	<5	ug/l
4-CHLOROPHENYL PHENYL ETHER	<5	<5	<5	<5	<5	ug/l
CHRYSENE	<5	<5	<5	<5	<5	ug/l
DIBENZO(a,h)ANTHRACNE	<5	<5	<5	<5	<5	ug/l
DIBENZOFURAN	<5	<5	<5	<5	<5	ug/l
1,2-DICHLOROBENZENE	<5	<5	<5	<5	<5	ug/l
1,3-DICHLOROBENZENE	<5	<5	<5	<5	<5	ug/l
1,4-DICHLOROBENZENE	<5	<5	<5	<5	<5	ug/l
3,3'-DICHLOROBENZIDINE	<5	<5	<5	<5	<5	ug/l
DIETHYL PHTHALATE	<5	<5	<5	<5	<5	ug/l
2,4-DICHLOROPHENOL	<5	<5	<5	<5	<5	ug/l
DIMETHYL PHTHALATE	<5	<5	<5	<5	<5	ug/l
DI-N-BUTYL PHTHALATE	<5	<5	<5	<5	<5	ug/l
DI-N-OCTYL PHTHALATE	<5	<5	<5	<5	<5	ug/l
2,4-DINITROTOLUENE	<5	<5	<5	<5	<5	ug/l
2,6-DINITROTOLUENE	<5	<5	<5	<5	<5	ug/l
FLUORANTHENE	<5	<5	<5	<5	<5	ug/l
FLOURENE	<5	<5	<5	<5	<5	ug/l

Analysis performed by EPA Method 8270 Aqueous AE/BN on 11/17/94 and extracted on 11/04/94.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94115684

8270-AQUEOUS AE/BN

PARAMETER	MW-1	MW-2	MW-3	MW-4	MW-5	UNITS
HEXACHLOROBENZENE	<5	<5	<5	<5	<5	ug/l
HEXACHLOROBUTADIENE	<5	<5	<5	<5	<5	ug/l
HEXACHLOROCYCLOPENTADIENE	<20	<20	<20	<20	<20	ug/l
HEXACHLOROETHANE	<5	<5	<5	<5	<5	ug/l
INDENO-(1,2,3,-c,d)PYRENE	<5	<5	<5	<5	<5	ug/l
ISOPHORONE	<5	<5	<5	<5	<5	ug/l
2-METHYL-4,6-DINITROPHENOL	<20	<20	<20	<20	<20	ug/l
2-METHYLNAPTHALENE	<5	<5	<5	<5	<5	ug/l
2-METHYLPHENOL	<5	<5	<5	<5	<5	ug/l
4-METHYLPHENOL	<5	<5	<5	<5	<5	ug/l
NAPHTHALENE	<5	<5	<5	<5	<5	ug/l
2-NITROANILINE	<5	<5	<5	<5	<5	ug/l
3-NITROANILINE	<20	<20	<20	<20	<20	ug/l
4-NITROANILINE	<20	<20	<20	<20	<20	ug/l
NITROBENZENE	<5	<5	<5	<5	<5	ug/l
2-NITROPHENOL	<20	<20	<20	<20	<20	ug/l
4-NITROPHENOL	<50	<50	<50	<50	<50	ug/l
n-NITROSODIMETHYLAMINE	<5	<5	<5	<5	<5	ug/l
n-NITROSODI-n-PROPYLAMINE	<5	<5	<5	<5	<5	ug/l
n-NITROSODIPHENYLAMINE	<5	<5	<5	<5	<5	ug/l
PENTCHLOROPHENOL	<20	<20	<20	<20	<20	ug/l
PHENANTHRENE	<5	<5	<5	<5	<5	ug/l
PHENOL	<5	<5	<5	<5	<5	ug/l
PYRENE	<5	<5	<5	<5	<5	ug/l
1,2,4-TRICHLOROBENZENE	<5	<5	<5	<5	<5	ug/l
2,4,5-TRICHLOROPHENOL	<5	<5	<5	<5	<5	ug/l
2,4,6-TRICHLOROPHENOL	<5	<5	<5	<5	<5	ug/l
% SURROGATE RECOVERIES:						
ACID EXTRACTABLE						
2-FLUORPHENOL (21-100)	22	32	1.9*	--*	7.6*	%
PHENOL-d5 (10-94)	16	24	1.0*	--*	2.1*	%
2,4,6 TRIBROMOPHENOL(10-123)	2.1*	24	54	8.9*	56	%
NITROBENZENE-d5 (35-114)	73	87	72	79	75	%
2-FLUOROBIPHENYL (21-100)	78	91	73	80	76	%
TERPHENYL-d14 (33-141)	74	77	68	79	69	%

*Low acid surrogate recovery possibly due to matrix interference.

Analysis performed by EPA Method 8270 Aqueous AE/BN on 11/17/94 and extracted on 11/04/94.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94115684

8270-AQUEOUS AE/BN

PARAMETER	FIELD BLANK	METHOD BLANK	DI BLANK	UNITS
ACENAPHTHENE	<5	<5	<5	ug/l
ACENAPTHYLENE	<5	<5	<5	ug/l
ANTHRACENE	<5	<5	<5	ug/l
BENZIDINE	<50	<50	<50	ug/l
BENZO(a)ANTHRACENE	<5	<5	<5	ug/l
BENZO(a)PYRENE	<5	<5	<5	ug/l
BENZO(b)FLUORANTHENE	<5	<5	<5	ug/l
BENZO(ghi)PERYLENE	<5	<5	<5	ug/l
BENZO(k)FLUORANTHENE	<5	<5	<5	ug/l
BENZOIC ACID	<20	<20	<20	ug/l
BENZYL ALCOHOL	<10	<10	<10	ug/l
BENYL BUTYL PHTHALATE	<5	<5	<5	ug/l
BIS(2-CHLOROETHOXY)METHANE	<5	<5	<5	ug/l
BIS(2-CHLOROETHYL)ETHER	<5	<5	<5	ug/l
BIS(2-CHLOROISOPROPYL)ETHER	<5	<5	<5	ug/l
BIS(2-ETHYLHEXYL)PHTHALATE	<5	<5	8.6	ug/l
4-BROMOPHENYLPHENYL ETHER	<5	<5	<5	ug/l
4-CHLORO-3-METHYLPHENOL	<5	<5	<5	ug/l
4-CHLOROANILINE	<5	<5	<5	ug/l
2-CHLORONAPHTHALENE	<5	<5	<5	ug/l
2-CHLOROPHENOL	<5	<5	<5	ug/l
4-CHLOROPHENYL PHENYL ETHER	<5	<5	<5	ug/l
CHRYSENE	<5	<5	<5	ug/l
DIBENZO(a,h)ANTHRACNE	<5	<5	<5	ug/l
DIBENZOFURAN	<5	<5	<5	ug/l
1,2-DICHLOROBENZENE	<5	<5	<5	ug/l
1,3-DICHLOROBENZENE	<5	<5	<5	ug/l
1,4-DICHLOROBENZENE	<5	<5	<5	ug/l
3,3'-DICHLOROBENZIDINE	<5	<5	<5	ug/l
DIETHYL PHTHALATE	<5	<5	<5	ug/l
2,4-DICHLOROPHENOL	<5	<5	<5	ug/l
DIMETHYL PHTHALATE	<5	<5	<5	ug/l
DI-N-BUTYL PHTHALATE	<5	<5	<5	ug/l
DI-N-OCTYL PHTHALATE	<5	<5	<5	ug/l
2,4-DINITROTOLUENE	<5	<5	<5	ug/l
2,6-DINITROTOLUENE	<5	<5	<5	ug/l
FLUORANTHENE	<5	<5	<5	ug/l
FLOURENE	<5	<5	<5	ug/l

Analysis performed by EPA Method 8270 Aqueous AE/BN on 11/17/94 and extracted on 11/04/94.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94115684

8270-AQUEOUS AE/BN

PARAMETER	FIELD BLANK	METHOD BLANK	DI BLANK	UNITS
HEXACHLOROBENZENE	<5	<5	<5	ug/l
HEXACHLOROBUTADIENE	<5	<5	<5	ug/l
HEXACHLOROCYCLOPENTADIENE	<20	<20	<20	ug/l
HEXACHLOROETHANE	<5	<5	<5	ug/l
INDENO-(1,2,3,-c,d)PYRENE	<5	<5	<5	ug/l
ISOPHORONE	<5	<5	<5	ug/l
2-METHYL-4,6-DINITROPHENOL	<20	<20	<20	ug/l
2-METHYLNAPTHALENE	<5	<5	<5	ug/l
2-METHYLPHENOL	<5	<5	<5	ug/l
4-METHYLPHENOL	<5	<5	<5	ug/l
NAPHTHALENE	<5	<5	<5	ug/l
2-NITROANILINE	<5	<5	<5	ug/l
3-NITROANILINE	<20	<20	<20	ug/l
4-NITROANILINE	<20	<20	<20	ug/l
NITROBENZENE	<5	<5	<5	ug/l
2-NITROPHENOL	<20	<20	<20	ug/l
4-NITROPHENOL	<50	<50	<50	ug/l
n-NITROSODIMETHYLAMINE	<5	<5	<5	ug/l
n-NITROSODI-n-PROPYLAMINE	<5	<5	<5	ug/l
n-NITROSODIPHENYLAMINE	<5	<5	<5	ug/l
PENTCHLOROPHENOL	<20	<20	<20	ug/l
PHENANTHRENE	<5	<5	<5	ug/l
PHENOL	<5	<5	<5	ug/l
PYRENE	<5	<5	<5	ug/l
1,2,4-TRICHLOROBENZENE	<5	<5	<5	ug/l
2,4,5-TRICHLOROPHENOL	<5	<5	<5	ug/l
2,4,6-TRICHLOROPHENOL	<5	<5	<5	ug/l
% SURROGATE RECOVERIES:				
ACID EXTRACTABLE				
2-FLUORPHENOL (21-100)	47	44	60	%
PHENOL-d5 (10-94)	31	28	35	%
2,4,6 TRIBROMOPHENOL (10-123)	38	60	86	%
BASE-NEUTRALS EXTRACTABLES				
NITROBENZENE-d5 (35-114)	81	64	77	%
2-FLUOROBIPHENYL (21-100)	77	67	80	%
TERPHENYL-d14 (33-141)	75	64	93	%

Analysis performed by EPA Method 8270 Aquesous AE/BN on 11/17/94 and extracted on 11/04/94.

NYSDOH LAB ID # 10390
acq

ALAN J. LAPPIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94115684

PESTICIDES

PARAMETER	MW-1	MW-2	MW-3	MW-4	MW-5	S-6	UNITS
ALPHA-ENDOSULFAN	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
BETA-ENDOSULFAN	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
ENDOSULFAN SULFATE	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
ALPHA-BHC	<0.05	<0.05	<0.05	<0.05	0.22	<0.05	ug/l
BETA-BHC	<0.05	<0.05	<0.05	<0.05	0.96	<0.05	ug/l
DELTA-BHC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
GAMMA-BHC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
ALDRIN	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
DIELDRIN	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
4,4-DDE	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
4,4-DDD	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
4,4-DDT	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
ENDRIN	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
ENDRIN ALDEHYDE	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
HEPTACHLOR	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
HEPTACHLOR EPOXIDE	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
CHLORDANE	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
TOXAPHENE	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ug/l
METHOXYCHLOR	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ug/l
PCB-1221	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
PCB 1232	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
PCB-1016	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
PCB-1242	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
PCB-1248	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
PCB-1254	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
PCB-1260	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
PCB-1262	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
PCB-1268	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
TOTAL PCB's	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
% SURROGATE RECOVERIES:	76	66	86	96	111	166*	%

Analysis performed by EPA Method 8080 Organochlorine Pesticides and PCB's on 11/29/94 and extracted on 11/03/94.

*Due to matrix pattern interference (acceptable range: 59-158%).

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZ ER
LABORATORIES

CHAIN OF CUSTODY RECORD

Client Name: AFI Environmental
Mailing Address: 6103 Robinson Rd.
Lockport, NY 14094
Project Name: WMNY - Genesee St. Buffalo

LABORATORY NO: 94115684

SAMPLE IDENTIFICATION		DATE	TIME	LOCATION	SAMPLE TYPE	ANALYSIS: 8240 (EPA)	8270 (EPA)	6010 (EPA)	TAL-CN	TAL-Metals			NUMBER OF CONTAINERS	Type of Container	REMARK
S-1	1	11/2/94	11:00	MW-1	Water	✓	✓	✓	✓	✓			6	2-wg, 2-pt plastic, 2-qt glass	
S-2	2	"	11:30	MW-2	"	✓	✓	✓	✓	✓			"	"	
S-3	3	"	12:30	MW-3	"	✓	✓	✓	✓	✓			"	"	
S-4	4	"	13:00	MW-4	"	✓	✓	✓	✓	✓			"	"	
S-5	5	"	13:25	MW-5	"	✓	✓	✓	✓	✓			"	"	
S-6	6	"	14:40	Field Blank	"	✓	✓	✓	*	*			4	2-vial, 2-qt glass	* See Note
S-8	8	"	14:40	DI Blank	"	✓	✓	*	*	*					# Inorganics on DI Blank
S-7	7	Lab (10/29/94)	—	Trip Blank	"	✓							2	2-VOA	

SAMPLED BY: Scott M. Cody (SIGN)

* Note: Used D.I. water from store (in cooler)
Contact Bob Hergenhan (AFI) for analyses due to different bottle set - both bottles are preserved at time of sampling

		2	3	4
RELINQUISHED BY:	1 Scott M. Cody (SIGN), 11/2/94 (DATE), (TIME)	SIGN, DATE, TIME	SIGN, DATE, TIME	SIGN, DATE, TIME
RECEIVED BY:	1 David Carter (SIGN), 11-2-94 (DATE), 6:45 pm (TIME)	2 SIGN, DATE, TIME	3 SIGN, DATE, TIME	4 SIGN, DATE, TIME

METHOD OF SHIPMENT: - AFI -

Scott Cody (SIGN)

RECEIVED FOR LABORATORY BY: Dave Carter (SIGN), 11-2-94 (DATE), 6:45 pm (TIME)

ELMWOOD TANK & PIPING CORP.
200 Fire Tower Drive
Tonawanda, New York 14150
716/694-0106

November 18, 1987

New York State Department
of Environmental Conservation
600 Delaware Avenue
Buffalo, New York 14202-1073

Attn: Mr. Robert N. Lacey, P.E.

Re: Removal & Disposal
of Underground Tank

Gentlemen:

Please be advised that the Elmwood Tank & Piping Corporation has been awarded the contract to clean, gas free and legally dispose of the following underground tank and its contents, as per D.E.C. Regulations, at the listed location:

LOCATION: Downing Container Service
191 Ganson Street
Buffalo, New York

SIZE: 1-4,000 Gallon Steel Tank

We are proceeding with the removal of the aforementioned underground tank on November 24, 1987 in accordance with your verbal approval of our telephone conversation of November 18, 1987.

If you require further information, please do not hesitate to contact us.

Very truly yours,

ELMWOOD TANK & PIPING CORP.

Richard E Daly

Richard E. Daly
Operations Supervisor

RED/tg

cc: Lt. Russell Knox

Post-it® Fax Note 7671	Date 5/4/95	# of pages ▶ 1
To BOB CROSSEN	From JOHN MINICHIELLO	
Co./Dept. COPY OF	Co.	
Phone # NOTIFICATION	Phone #	
Fax # LETTER	Fax #	

New York State Department of Environmental Conservation

Registration ID: 9-1402-01018/00001 **Facility DEC ID:** 9-1402-01018

AIR FACILITY REGISTRATION CERTIFICATE
in accordance with 6 NYCRR Subpart 201-4

Registration Issued to:
WARGO ENTERPRISES INC
5055 HAVENS RD
AKRON,NY 14001

Contact:
JEFF CREWSON
WARGO ENTERPRISES INC
5055 HAVENS RD
AKRON,NY 14001
(716) 542-1333

Facility:
WARGO ENTERPRISES AT JOHN A. BAUER
189 GANSON ST
BUFFALO,NY 14203

Description:

The first emission point is a Metso Model LT1213S crusher/screener with two associated transfer belts to recover construction debris. The system is rated at approximately 350 tons per hour and is equipped with a water mist to control emissions of airborne particulates. Compliance with the particulate matter standards in 40 CFR Part 60.672(a) was determined by successfully performing a Method 9 on November 16, 2006. The procedures in 40 CFR Part 60.11 were used to determine opacity. As per 40 CFR 60.672(b), each transfer point is subject to a fugitive emissions opacity limit not to exceed 10%. Additionally, the crusher is subject to 40 CFR 60.672(c) which limits its fugitive emissions to 15% or less. The crusher is also subject to the requirements of 6NYCRR Part 212.
The second emission point is a 515 Hp diesel motor which is used to power the crusher.

Total Number of Emission Points: 2 **Cap By Rule:** No

Authorized Activity By Standard Industrial Classification Code:

1429 - CRUSHED AND BROKEN STONE NEC

Registration Effective Date: 05/08/2009 **Registration Expiration Date:** (Not Applicable)

List of Regulations in Application:

6 NYCRR Part 200	General Provisions
6 NYCRR Part 201	Permits and Registrations
6 NYCRR Part 211	General Prohibitions
6 NYCRR Part 212	General Process Emission Sources

New York State Department of Environmental Conservation

Registration ID: 9-1402-01018/00001 **Facility DEC ID:** 9-1402-01018

AIR FACILITY REGISTRATION CERTIFICATE
in accordance with 6 NYCRR Subpart 201-4

List of Regulations in Application:

40 CFR Part 60, Subpart OOO Rock, gravel, sand, and clay processing and conveying

MICHAEL EMERY
REGION 9 AIR POLLUTION CONTROL ENGINEER
NYSDEC - REGION 9
270 MICHIGAN AVE
BUFFALO,NY 14203-2915

This registrant is required to operate this facility in accordance with all air pollution control applicable Federal and State laws and regulations. Failure to comply with these laws and regulations is a violation of the ECL and the registrant is subject to fines and/or penalties as provided by the ECL. If ownership of this facility changes, the registrant is required to notify the Department at the address shown above using the appropriate forms and procedures within 30 days after the transfer takes place. The present registrant will continue to be responsible for all fees and penalties until the Department has been notified of any change in ownership.

APPENDIX C

HISTORIC SANBORN MAPS

145 Ganson Street Aka 127-191 Ganson Street

145 Ganson Street

Buffalo, NY 14203

Inquiry Number: 5468527.3

November 05, 2018

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

11/05/18

Site Name:

145 Ganson Street Aka 127-19
145 Ganson Street
Buffalo, NY 14203
EDR Inquiry # 5468527.3

Client Name:

TurnKey Environmental Restoration, LLC.
2558 Hamburg Turnpike Suite 300
Buffalo, NY 14218
Contact: Chad Schuster

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by TurnKey Environmental Restoration, LLC. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # A8CF-424B-B0F2

PO # B0465-018-001

Project 145 Ganson Street

Maps Provided:

1986
1981
1951
1925
1899
1889

Sanborn® Library search results

Certification #: A8CF-424B-B0F2

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

TurnKey Environmental Restoration, LLC. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

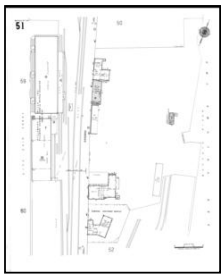
Copyright 2018 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

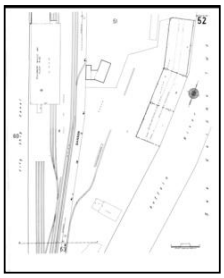
EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

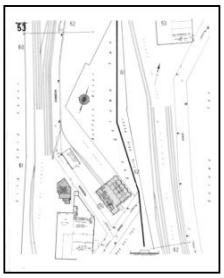
Sanborn Sheet Key

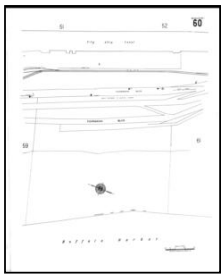
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

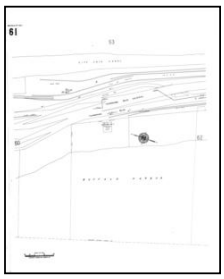
1986 Source Sheets

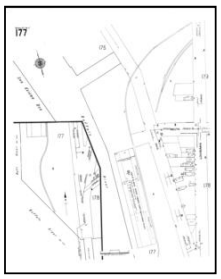

Volume 1, Sheet 51
1986


Volume 1, Sheet 52
1986

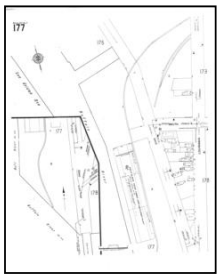

Volume 1, Sheet 53
1986

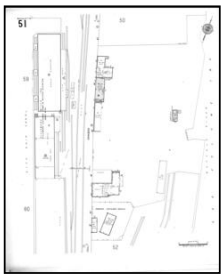

Volume 1, Sheet 60
1986

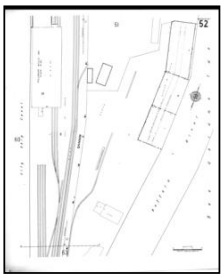

Volume 1, Sheet 61
1986

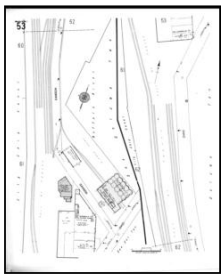

Volume 2, Sheet 177
1986

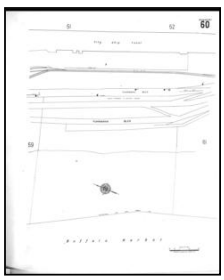
1981 Source Sheets

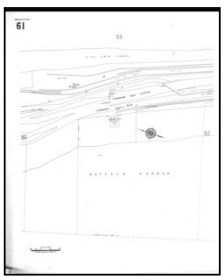

Volume 2, Sheet 177
1981


Volume 1, Sheet 51
1981


Volume 1, Sheet 52
1981


Volume 1, Sheet 53
1981

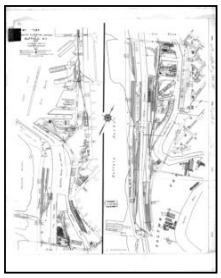

Volume 1, Sheet 60
1981


Volume 1, Sheet 61
1981

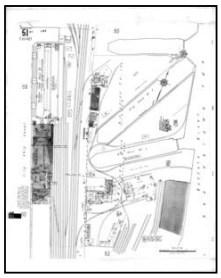
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

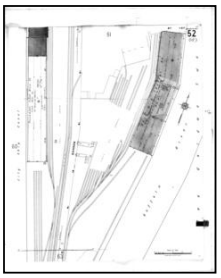
1951 Source Sheets



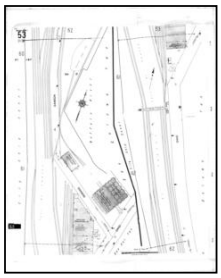
Volume 1, Sheet xxxx
1951



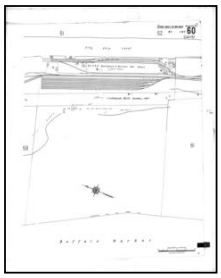
Volume 1, Sheet 51
1951



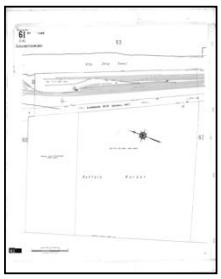
Volume 1, Sheet 52
1951



Volume 1, Sheet 53
1951

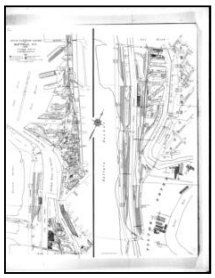


Volume 1, Sheet 60
1951

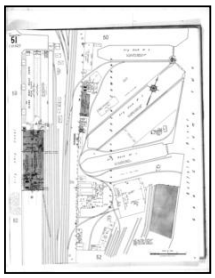


Volume 1, Sheet 61
1951

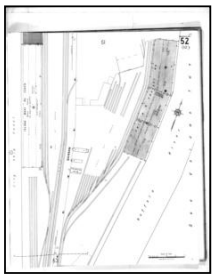
1925 Source Sheets



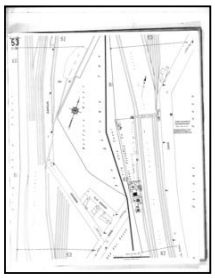
Volume 1, Sheet xxxx
1925



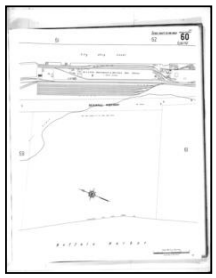
Volume 1, Sheet 51
1925



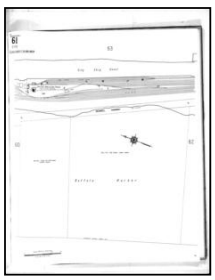
Volume 1, Sheet 52
1925



Volume 1, Sheet 53
1925



Volume 1, Sheet 60
1925

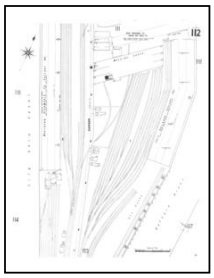


Volume 1, Sheet 61
1925

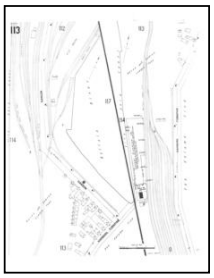
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

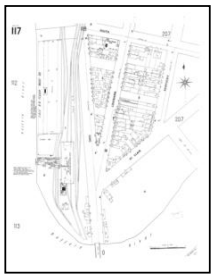
1899 Source Sheets



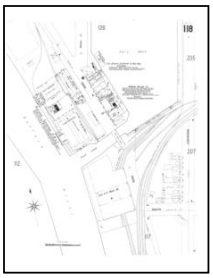
Volume 2, Sheet 112
1899



Volume 2, Sheet 113
1899

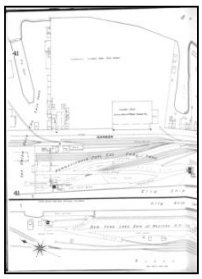


Volume 2, Sheet 117
1899

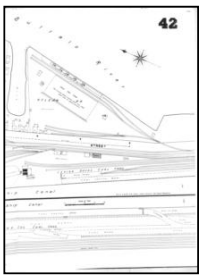


Volume 2, Sheet 118
1899

1889 Source Sheets



Volume 2, Sheet 42
1889



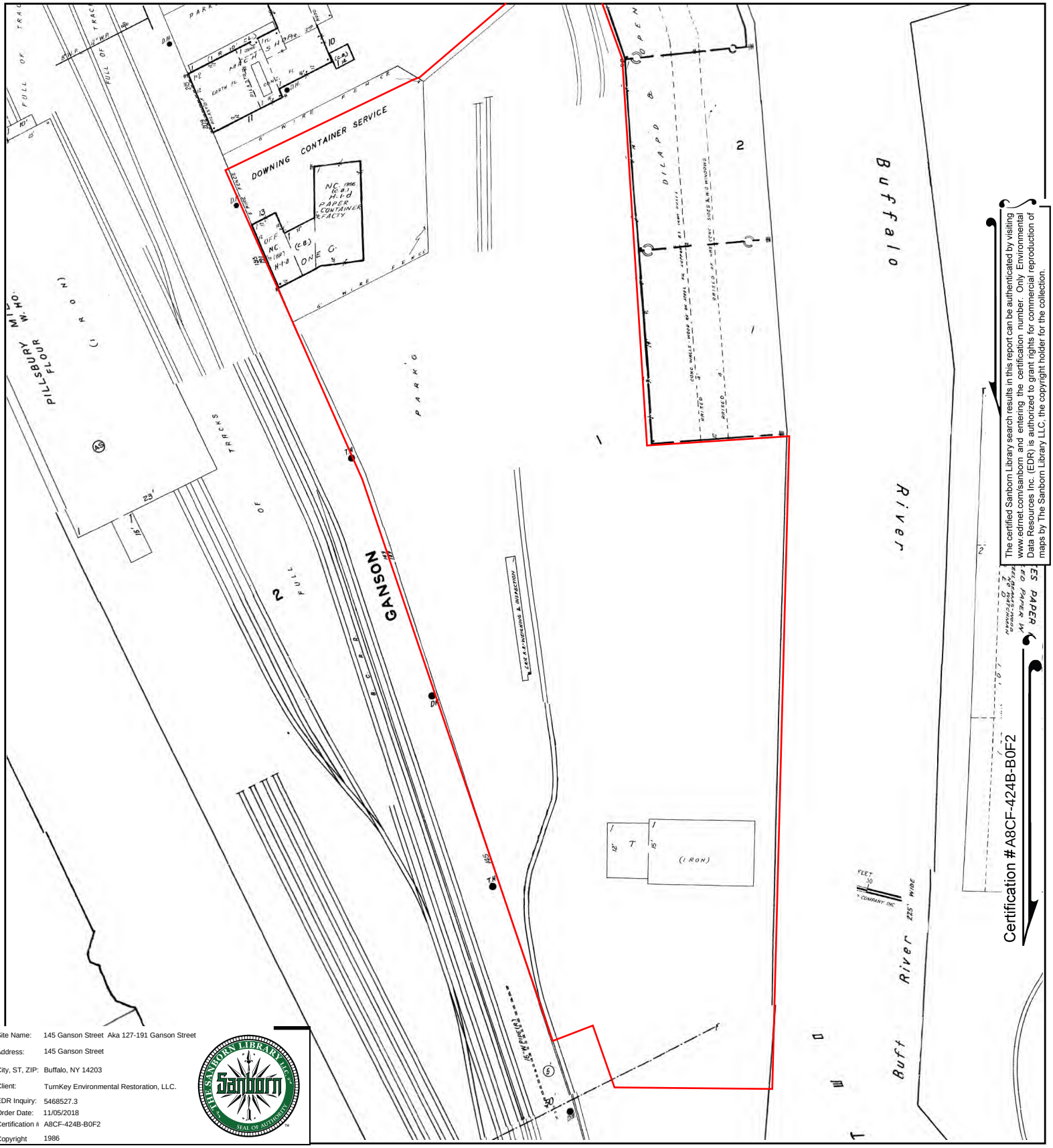
Volume 2, Sheet 42
1889



Volume 2, Sheet 51
1889

Certified Sanborn® Map

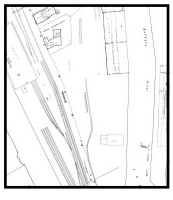
1986

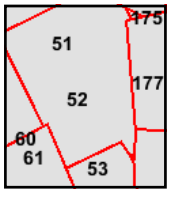


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	145 Ganson Street Aka 127-191 Ganson Street
Address:	145 Ganson Street
City, ST, ZIP:	Buffalo, NY 14203
Client:	TurnKey Environmental Restoration, LLC.
EDR Inquiry:	5468527.3
Order Date:	11/05/2018
Certification #:	A8CF-424B-B0F2
Copyright	1986

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

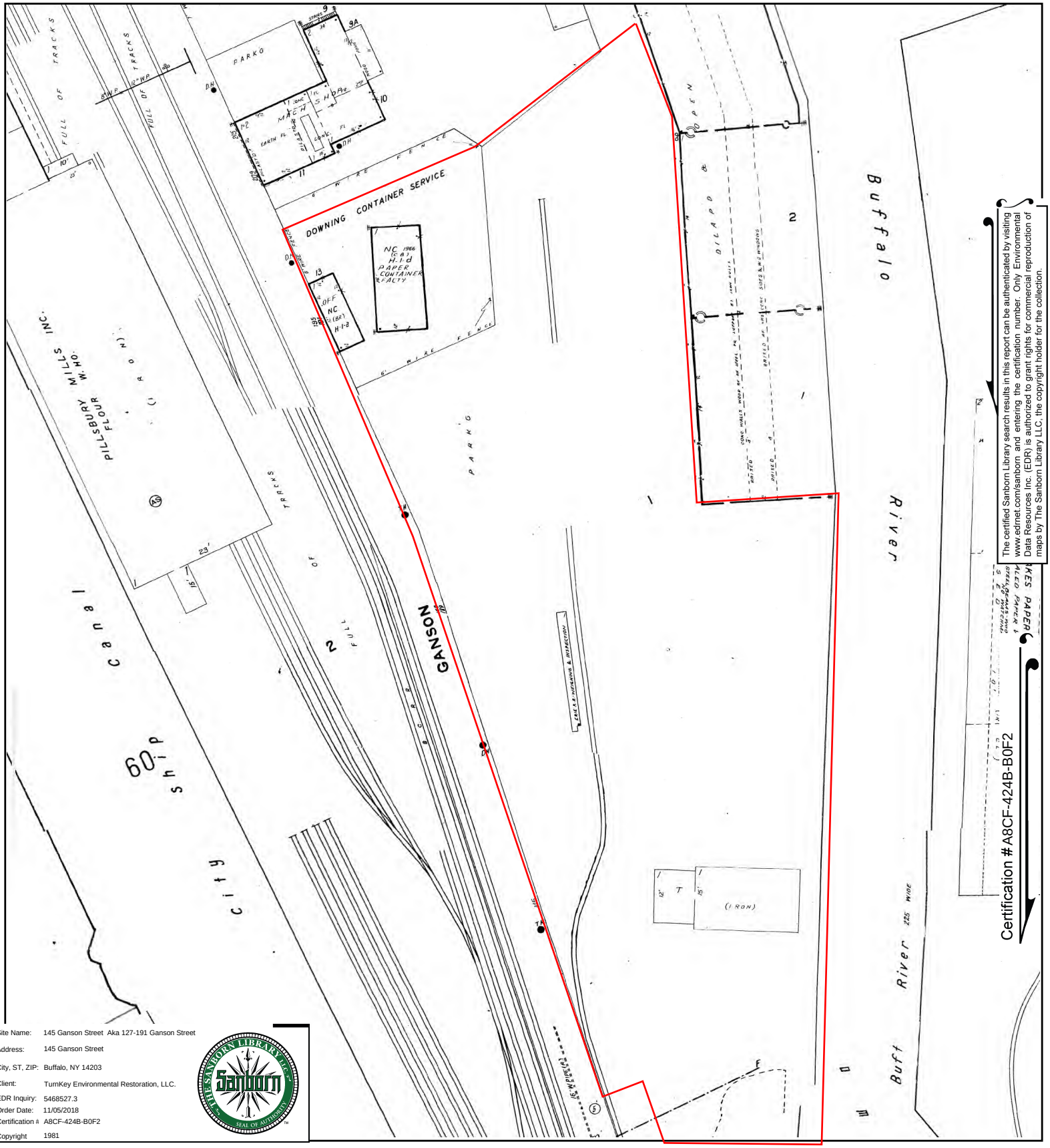




Volume 2, Sheet 177
Volume 1, Sheet 61
Volume 1, Sheet 60
Volume 1, Sheet 53
Volume 1, Sheet 52
Volume 1, Sheet 51

0 Feet 150 300 600

N

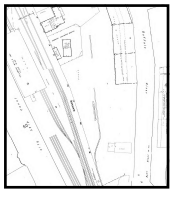


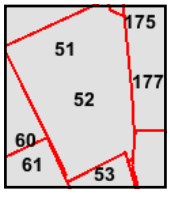
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #A8CF-424B-B0F2

Site Name:	145 Ganson Street Aka 127-191 Ganson Street
Address:	145 Ganson Street
City, ST, ZIP:	Buffalo, NY 14203
Client:	TurnKey Environmental Restoration, LLC.
EDR Inquiry:	5468527.3
Order Date:	11/05/2018
Certification #:	A8CF-424B-B0F2
Copyright	1981

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

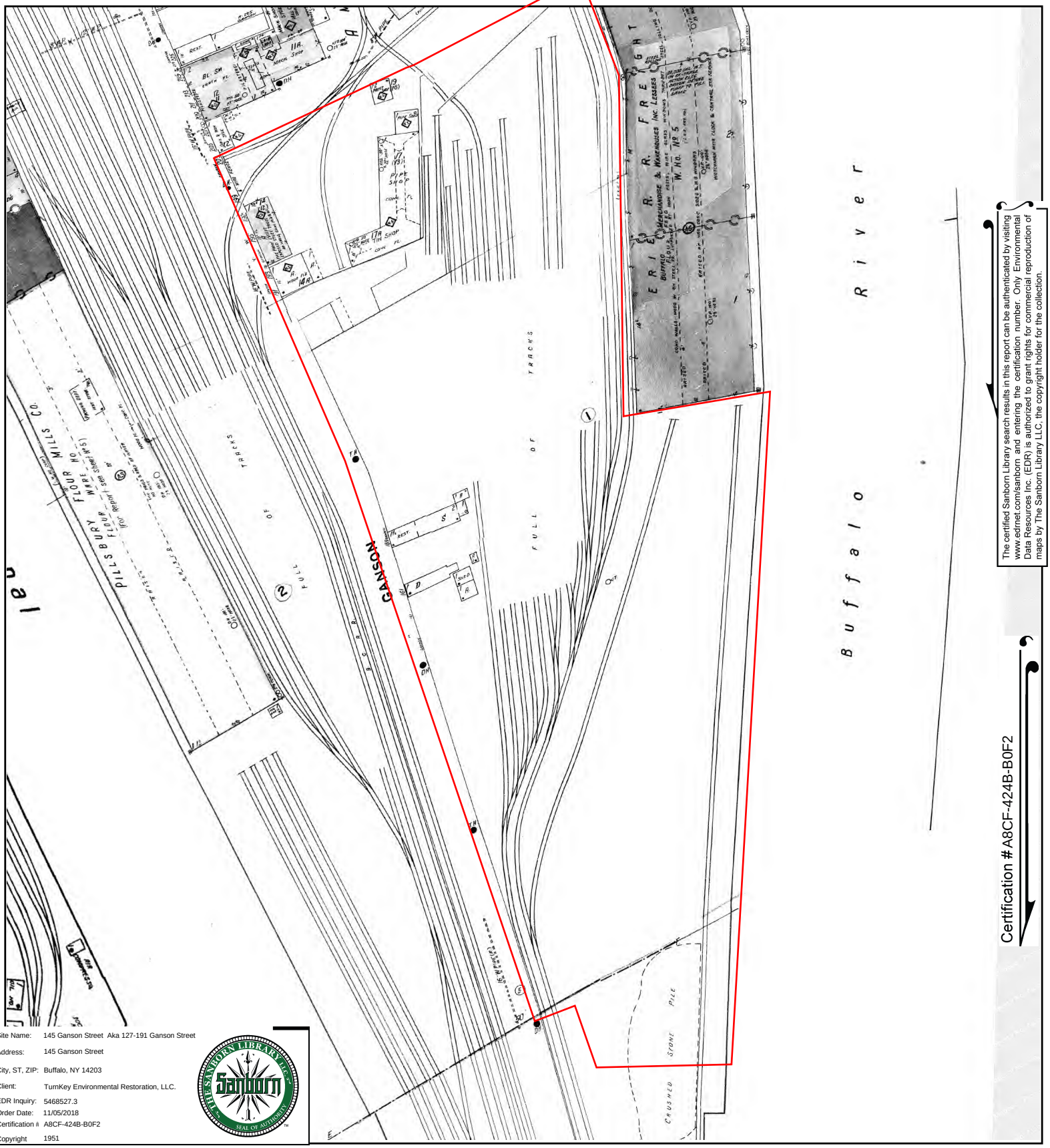




Volume 1, Sheet 61
Volume 1, Sheet 60
Volume 1, Sheet 53
Volume 1, Sheet 52
Volume 1, Sheet 51
Volume 2, Sheet 177

0 Feet 150 300 600

N



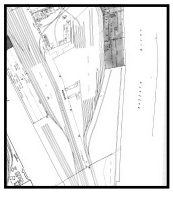
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

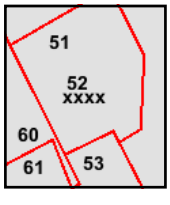
Certification #A8CF-424B-B0F2

Site Name:	145 Ganson Street Aka 127-191 Ganson Street
Address:	145 Ganson Street
City, ST, ZIP:	Buffalo, NY 14203
Client:	TurnKey Environmental Restoration, LLC.
EDR Inquiry:	5468527.3
Order Date:	11/05/2018
Certification #:	A8CF-424B-B0F2
Copyright	1951

THE SANBORN LIBRARY LLC
Sanborn
SEAL OF AUTHENTICITY

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

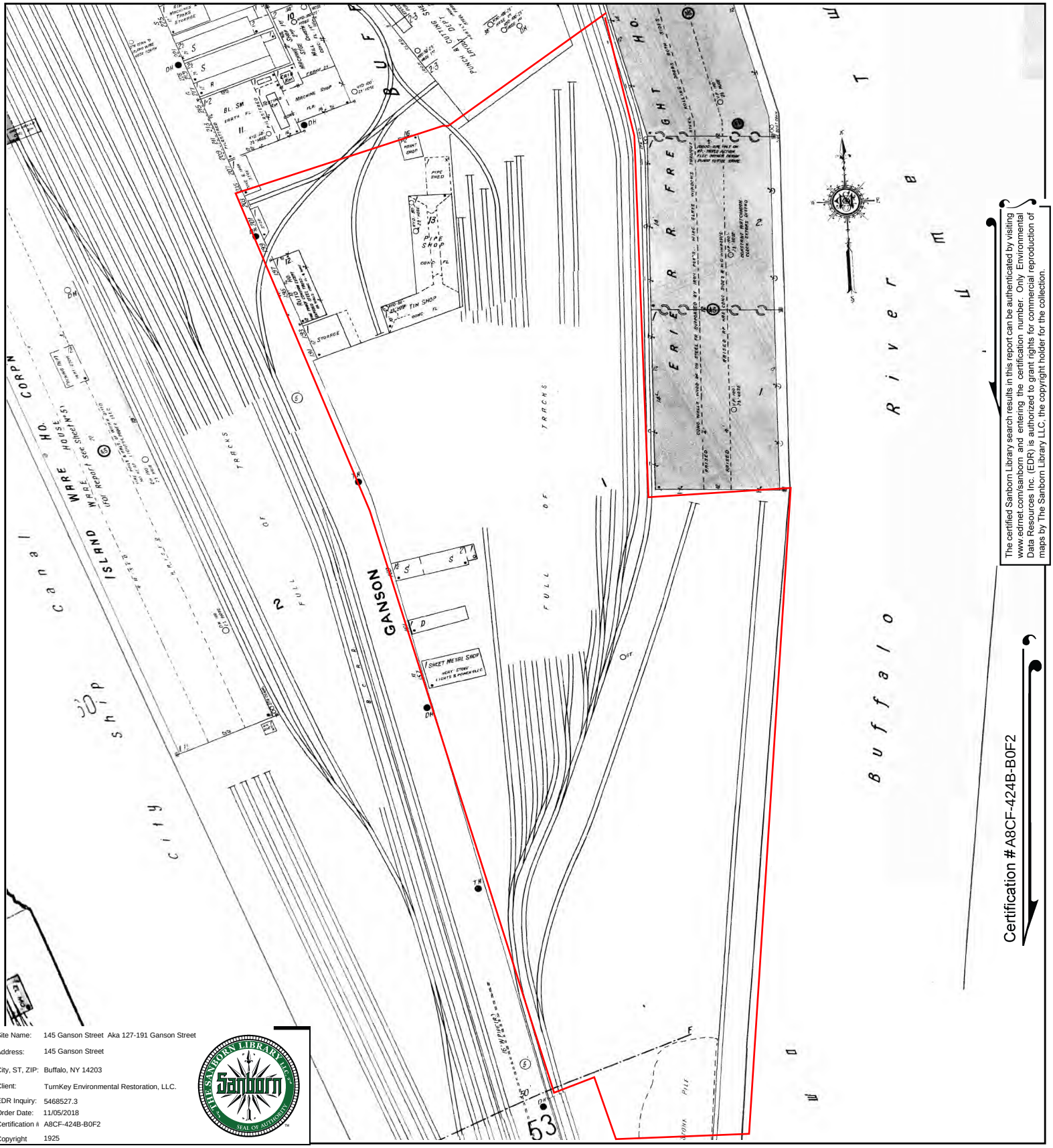




Volume 1, Sheet 61
Volume 1, Sheet 60
Volume 1, Sheet 53
Volume 1, Sheet 52
Volume 1, Sheet 51
Volume 1, Sheet xxxx

0 Feet 150 300 600

N

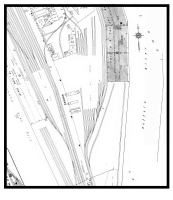


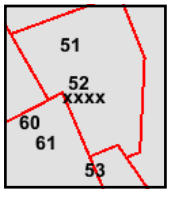
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #A8CF-424B-B0F2

Site Name:	145 Ganson Street Aka 127-191 Ganson Street
Address:	145 Ganson Street
City, ST, ZIP:	Buffalo, NY 14203
Client:	TurnKey Environmental Restoration, LLC.
EDR Inquiry:	5468527.3
Order Date:	11/05/2018
Certification #:	A8CF-424B-B0F2
Copyright	1925

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

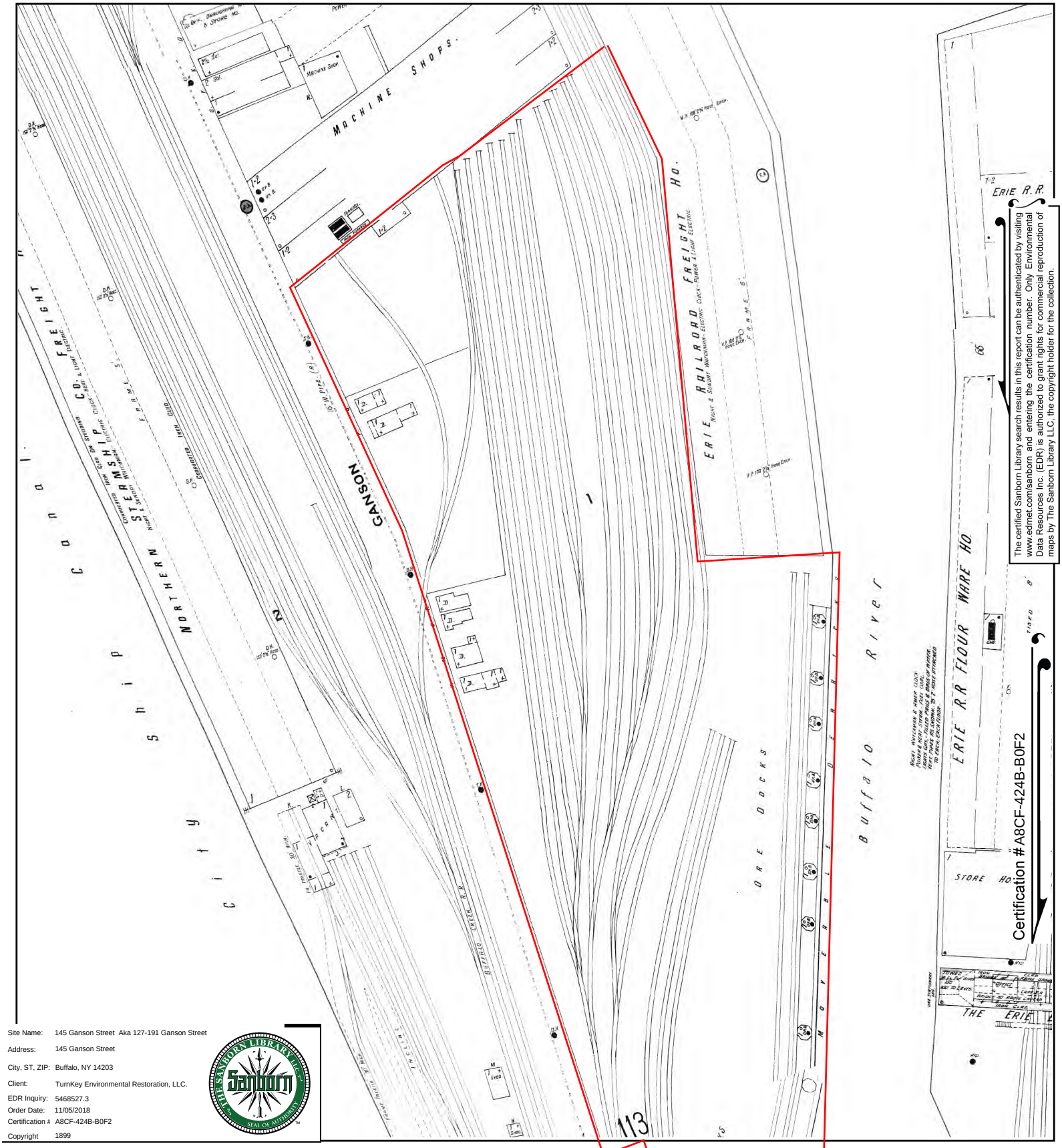




Volume 1, Sheet 61
Volume 1, Sheet 60
Volume 1, Sheet 53
Volume 1, Sheet 52
Volume 1, Sheet 51
Volume 1, Sheet xxxx

0 Feet 150 300 600

N

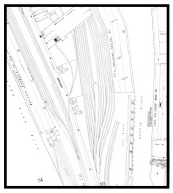


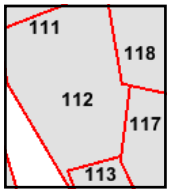
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name: 145 Ganson Street Aka 127-191 Ganson Street
Address: 145 Ganson Street
City, ST, ZIP: Buffalo, NY 14203
Client: TurnKey Environmental Restoration, LLC.
EDR Inquiry: 5468527.3
Order Date: 11/05/2018
Certification #: A8CF-424B-B0F2
Copyright 1899

THE SANBORN LIBRARY LLC Sanborn SEAL OF AUTHENTICITY

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

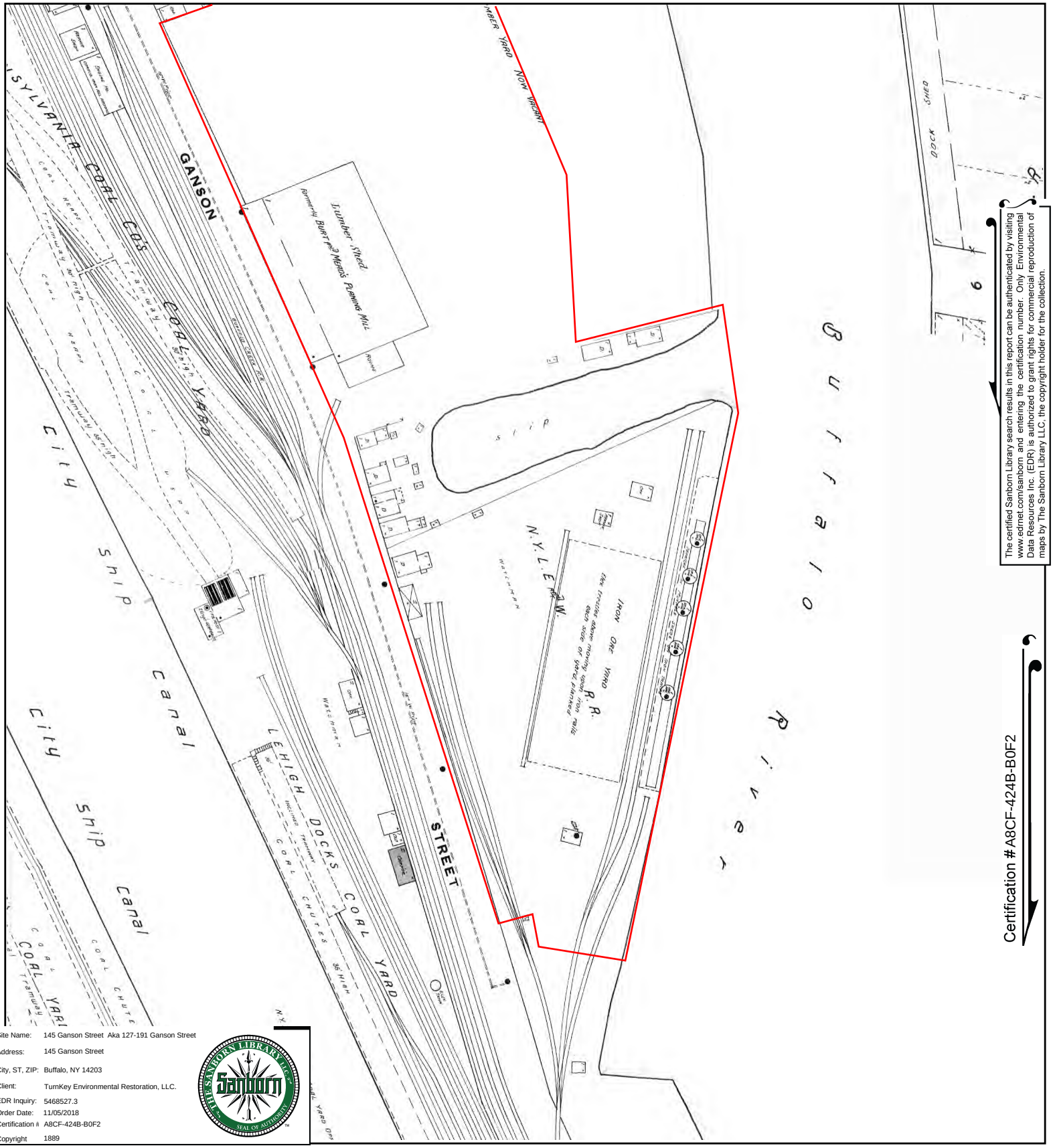




Volume 2, Sheet 118
Volume 2, Sheet 117
Volume 2, Sheet 113
Volume 2, Sheet 112

0 Feet 150 300 600

N

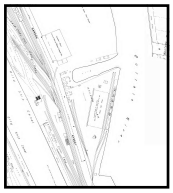


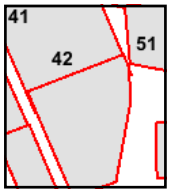
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #A8CF-424B-B0F2

Site Name:	145 Ganson Street Aka 127-191 Ganson Street
Address:	145 Ganson Street
City, ST, ZIP:	Buffalo, NY 14203
Client:	TurnKey Environmental Restoration, LLC.
EDR Inquiry:	5468527.3
Order Date:	11/05/2018
Certification #:	A8CF-424B-B0F2
Copyright	1889

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.





Volume 2, Sheet 51
Volume 2, Sheet 42
Volume 2, Sheet 42

0 Feet 150 300 600

N

Site Name: 145 Ganson Street Aka 127-191 Ganson Street
Address: 145 Ganson Street
City, ST, ZIP: Buffalo, NY 14203
Client: TurnKey Environmental Restoration, LLC.
EDR Inquiry: 5468527.3
Order Date: 11/05/2018
Certification #: A8CF-424B-B0F2
Copyright 1986

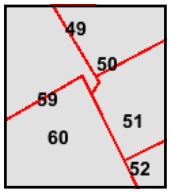
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # A8CF-424B-B0F2

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600





Volume 1, Sheet 60
Volume 1, Sheet 59
Volume 1, Sheet 51
Volume 1, Sheet 50
Volume 1, Sheet 49

Site Name: 145 Ganson Street Aka 127-191 Ganson Street
Address: 145 Ganson Street
City, ST, ZIP: Buffalo, NY 14203
Client: TurnKey Environmental Restoration, LLC.
EDR Inquiry: 5468527.3
Order Date: 11/05/2018
Certification #: A8CF-424B-B0F2
Copyright 1981

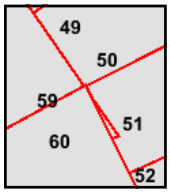
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # A8CF-424B-B0F2

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600





Volume 1, Sheet 60
Volume 1, Sheet 59
Volume 1, Sheet 51
Volume 1, Sheet 50
Volume 1, Sheet 49

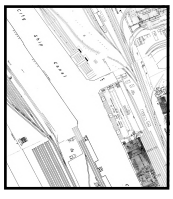
N

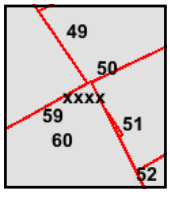
Site Name: 145 Ganson Street Aka 127-191 Ganson Street
Address: 145 Ganson Street
City, ST, ZIP: Buffalo, NY 14203
Client: TurnKey Environmental Restoration, LLC.
EDR Inquiry: 5468527.3
Order Date: 11/05/2018
Certification #: A8CF-424B-B0F2
Copyright 1951

The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # A8CF-424B-B0F2

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.





Volume 1, Sheet 60
Volume 1, Sheet 59
Volume 1, Sheet 51
Volume 1, Sheet 50
Volume 1, Sheet 49
Volume 1, Sheet xxxx

0 Feet 150 300 600

N

Certified Sanborn® Map

1925

Site Name:	145 Ganson Street Aka 127-191 Ganson Street
Address:	145 Ganson Street
City, ST, ZIP:	Buffalo, NY 14203
Client:	TurnKey Environmental Restoration, LLC.
EDR Inquiry:	5468527.3
Order Date:	11/05/2018
Certification #:	A8CF-424B-B0F2
Copyright	1925

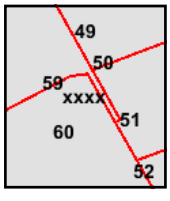
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # A8CF-424B-B0F2

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600





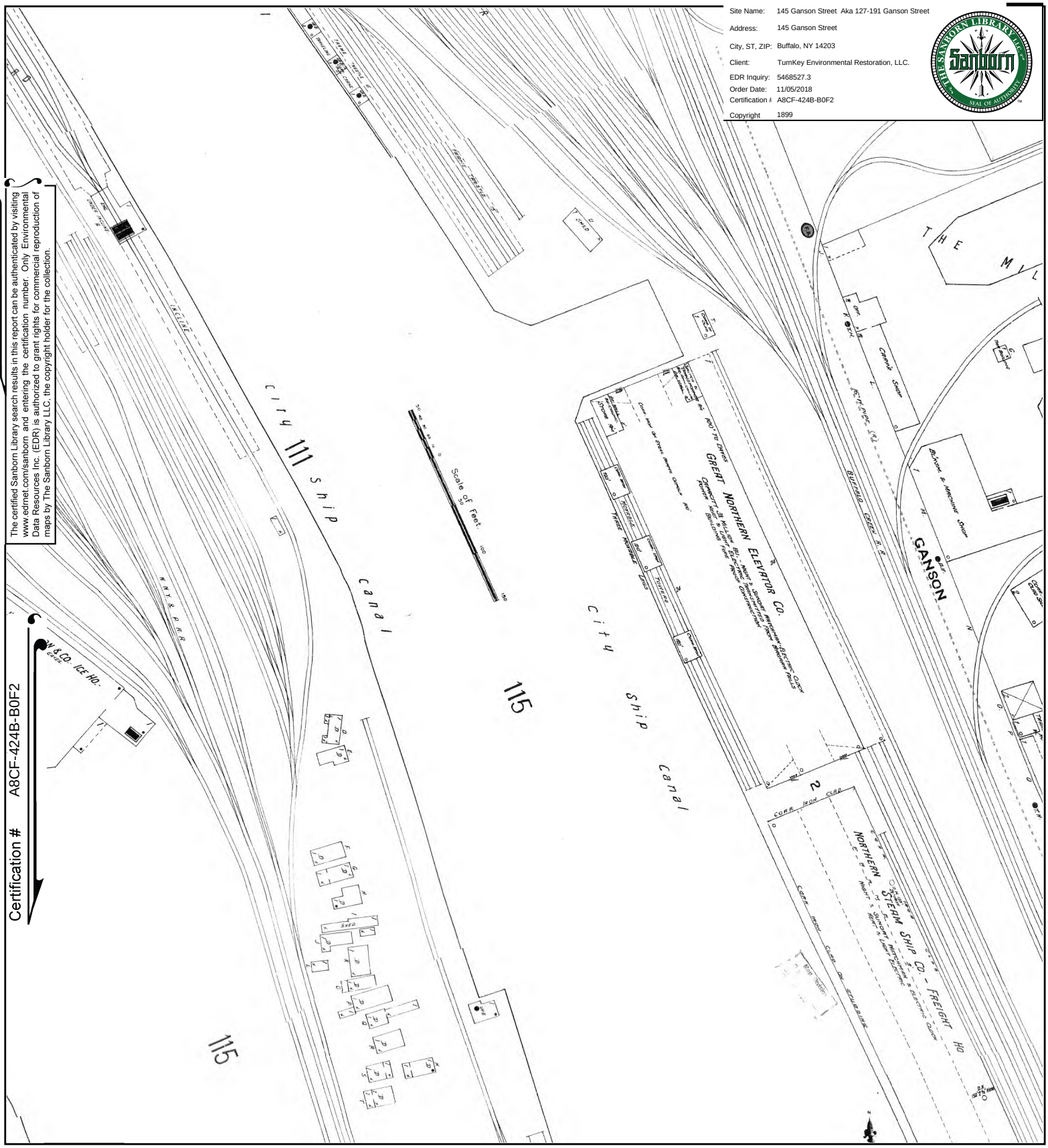
Volume 1, Sheet 60
Volume 1, Sheet 59
Volume 1, Sheet 51
Volume 1, Sheet 50
Volume 1, Sheet 49
Volume 1, Sheet xxxx

N

Site Name: 145 Ganson Street Aka 127-191 Ganson Street
Address: 145 Ganson Street
City, ST, ZIP: Buffalo, NY 14203
Client: TurnKey Environmental Restoration, LLC.
EDR Inquiry: 5468527.3
Order Date: 11/05/2018
Certification #: A8CF-424B-B0F2
Copyright 1899

The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

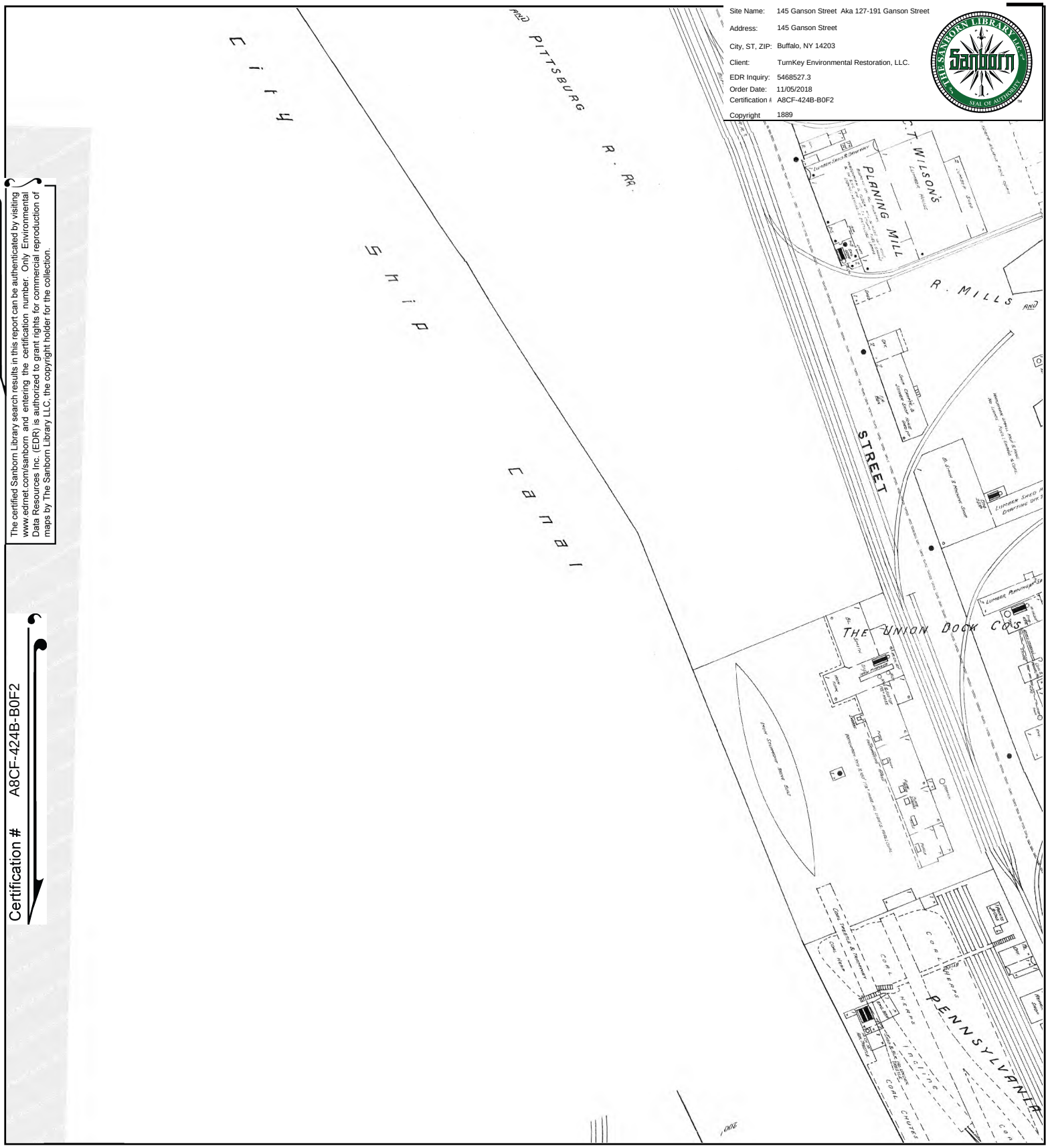
Certification # A8CF-424B-B0F2


City Ship Canal
115
GREAT NORTHERN ELEVATOR CO.
GANSON
STEAM SHIP CO. - FREIGHT HO
Scale of Feet
0
100
150
THE MILL
BUFFALO CREEK R.R.
CANAL SHOP
BLACK & MACHINE SHOP
N.Y.C. & H.R.R.R.
TRACK
SHED
COAL
IRON CLAD
STEEL
WOOD
CEMENT
TANK
TURBINES
BOILERS
ENGINES
PUMPS
DYNAMOS
ELECTRIC MOTOR
ELECTRIC CRANE
ELECTRIC LIGHT
ELECTRIC POWER

Site Name: 145 Ganson Street Aka 127-191 Ganson Street
Address: 145 Ganson Street
City, ST, ZIP: Buffalo, NY 14203
Client: TurnKey Environmental Restoration, LLC.
EDR Inquiry: 5468527.3
Order Date: 11/05/2018
Certification #: A8CF-424B-B0F2
Copyright 1889

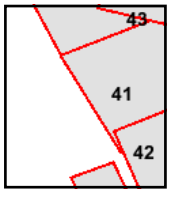
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # A8CF-424B-B0F2



This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.





Volume 2, Sheet 42
Volume 2, Sheet 41
Volume 2, Sheet 41

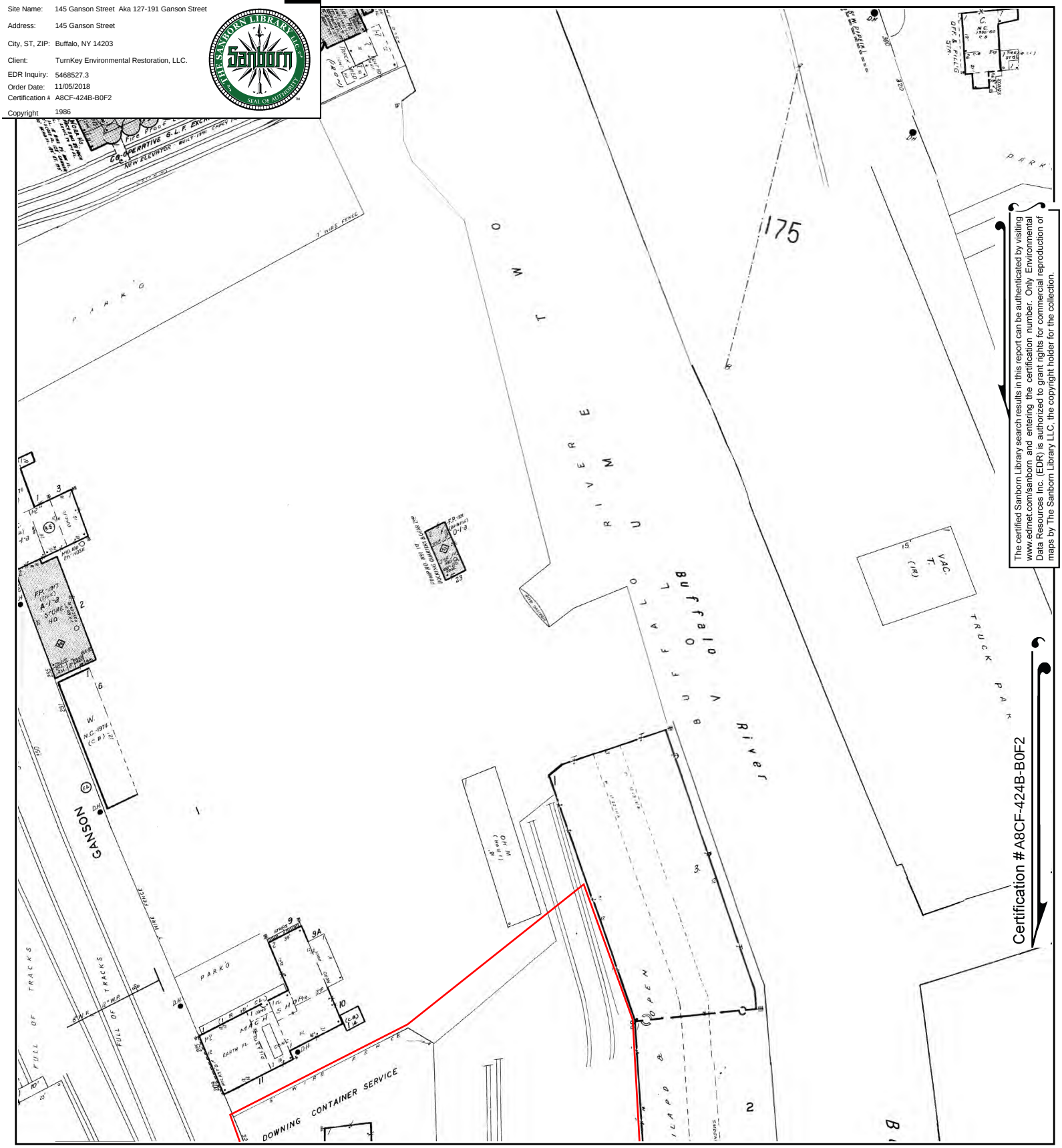
0 Feet 150 300 600

N

Certified Sanborn® Map

1986

Site Name: 145 Ganson Street Aka 127-191 Ganson Street
Address: 145 Ganson Street
City, ST, ZIP: Buffalo, NY 14203
Client: TurnKey Environmental Restoration, LLC.
EDR Inquiry: 5468527.3
Order Date: 11/05/2018
Certification #: A8CF-424B-B0F2
Copyright: 1986

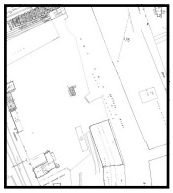


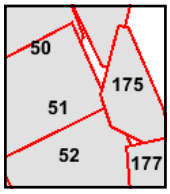
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #A8CF-424B-B0F2

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600





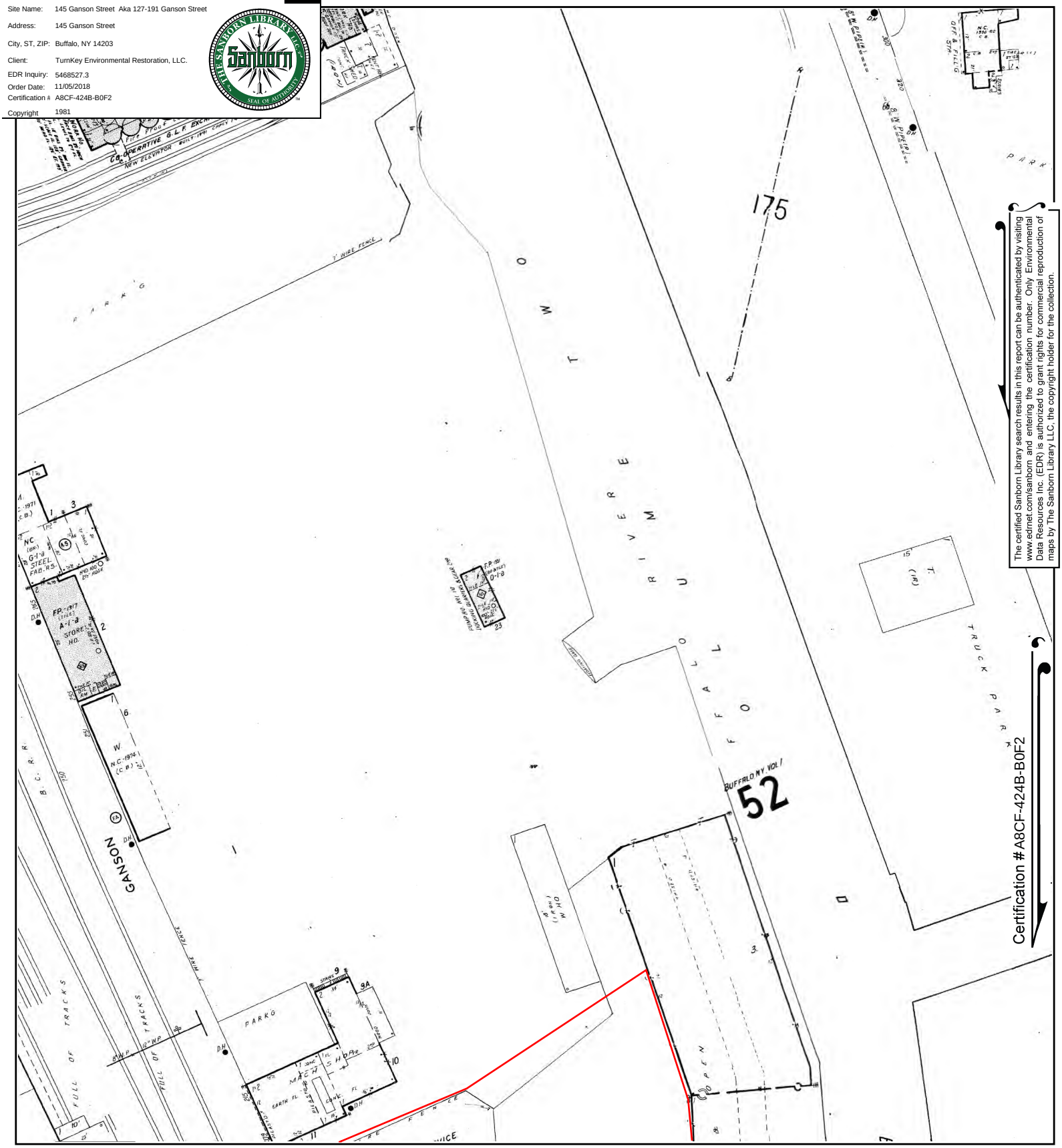
Volume 2, Sheet 175
Volume 1, Sheet 52
Volume 1, Sheet 51
Volume 1, Sheet 50

N

Certified Sanborn® Map

1981

Site Name: 145 Ganson Street Aka 127-191 Ganson Street
Address: 145 Ganson Street
City, ST, ZIP: Buffalo, NY 14203
Client: TurnKey Environmental Restoration, LLC.
EDR Inquiry: 5468527.3
Order Date: 11/05/2018
Certification #: A8CF-424B-B0F2
Copyright: 1981

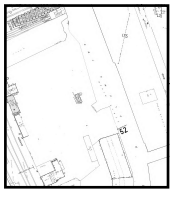


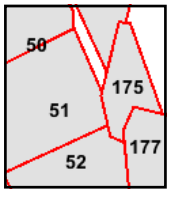
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #A8CF-424B-B0F2

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600





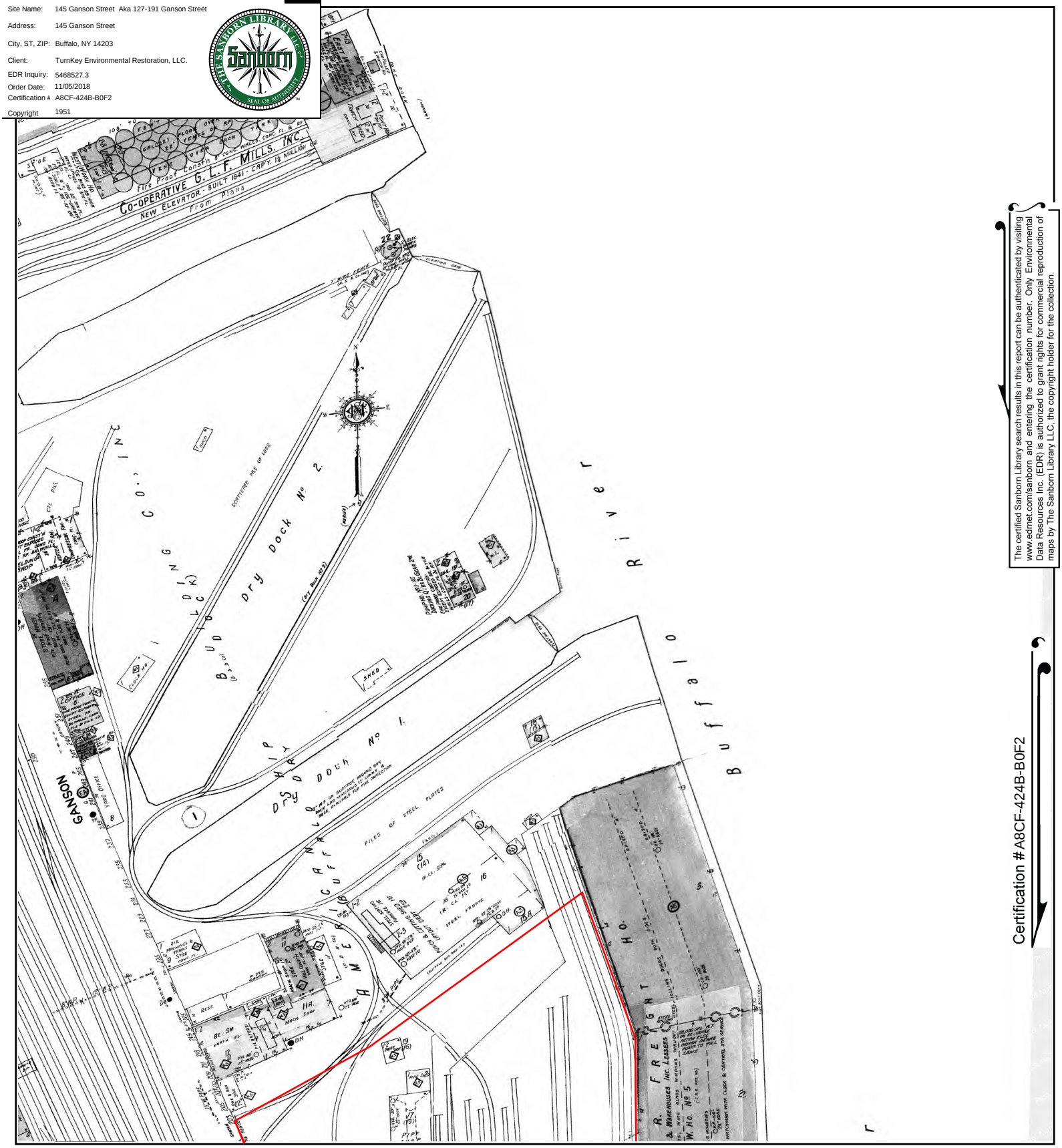
Volume 1, Sheet 52
Volume 1, Sheet 51
Volume 1, Sheet 50
Volume 2, Sheet 177
Volume 2, Sheet 175

N

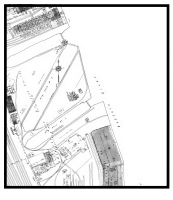
Certified Sanborn® Map

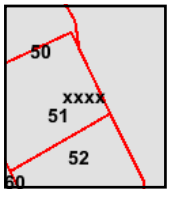
1951

Site Name: 145 Ganson Street Aka 127-191 Ganson Street
Address: 145 Ganson Street
City, ST, ZIP: Buffalo, NY 14203
Client: TurnKey Environmental Restoration, LLC.
EDR Inquiry: 5468527.3
Order Date: 11/05/2018
Certification #: A8CF-424B-B0F2
Copyright 1951



This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.





Volume 1, Sheet 52
Volume 1, Sheet 51
Volume 1, Sheet 50
Volume 1, Sheet xxxx

0 Feet 150 300 600

N

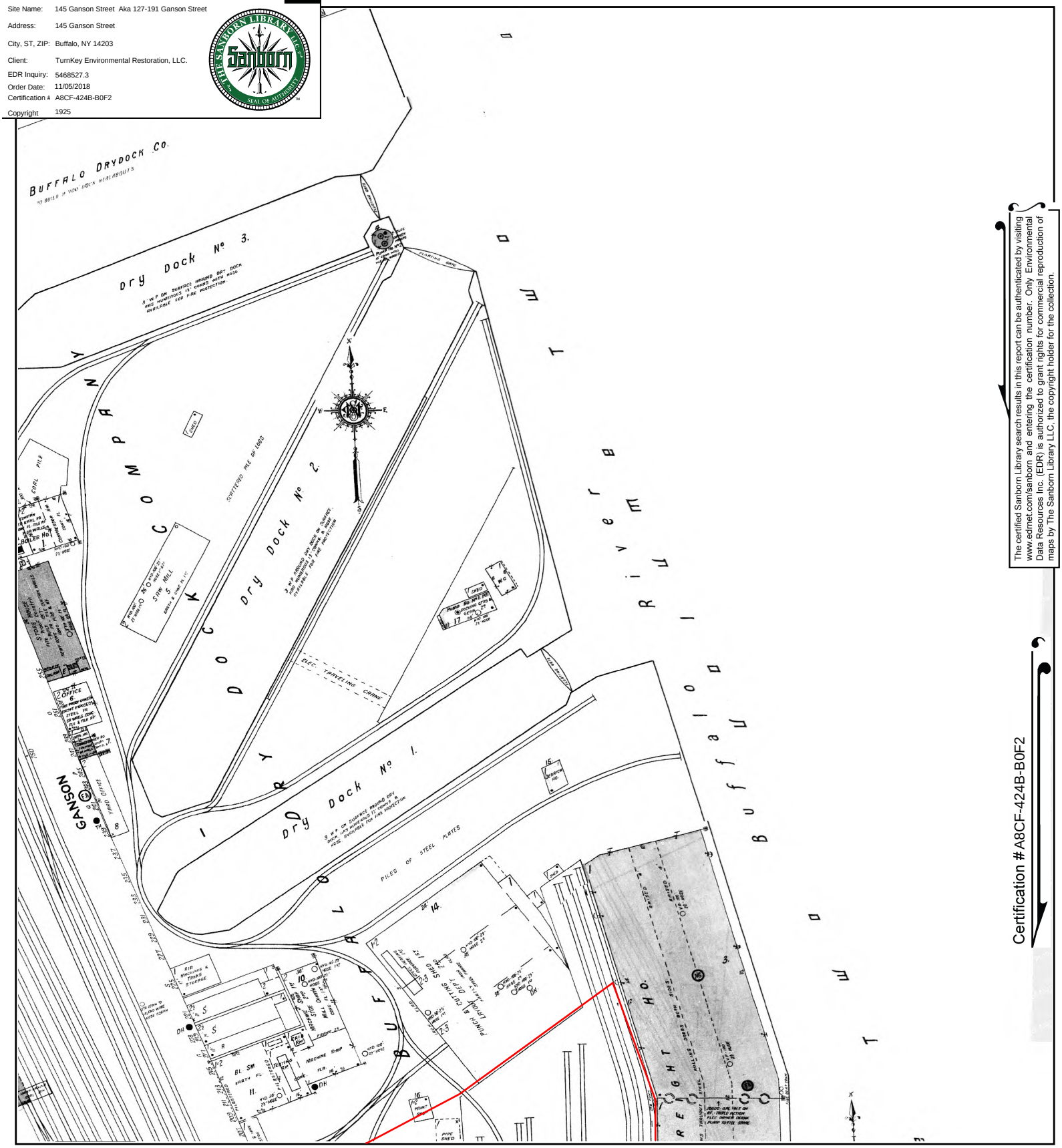
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #A8CF-424B-B0F2

Certified Sanborn® Map

1925

Site Name: 145 Ganson Street Aka 127-191 Ganson Street
Address: 145 Ganson Street
City, ST, ZIP: Buffalo, NY 14203
Client: TurnKey Environmental Restoration, LLC.
EDR Inquiry: 5468527.3
Order Date: 11/05/2018
Certification #: A8CF-424B-B0F2
Copyright: 1925

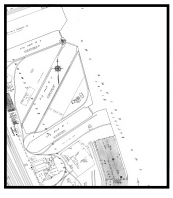


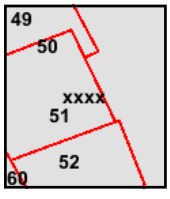
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #A8CF-424B-B0F2

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600





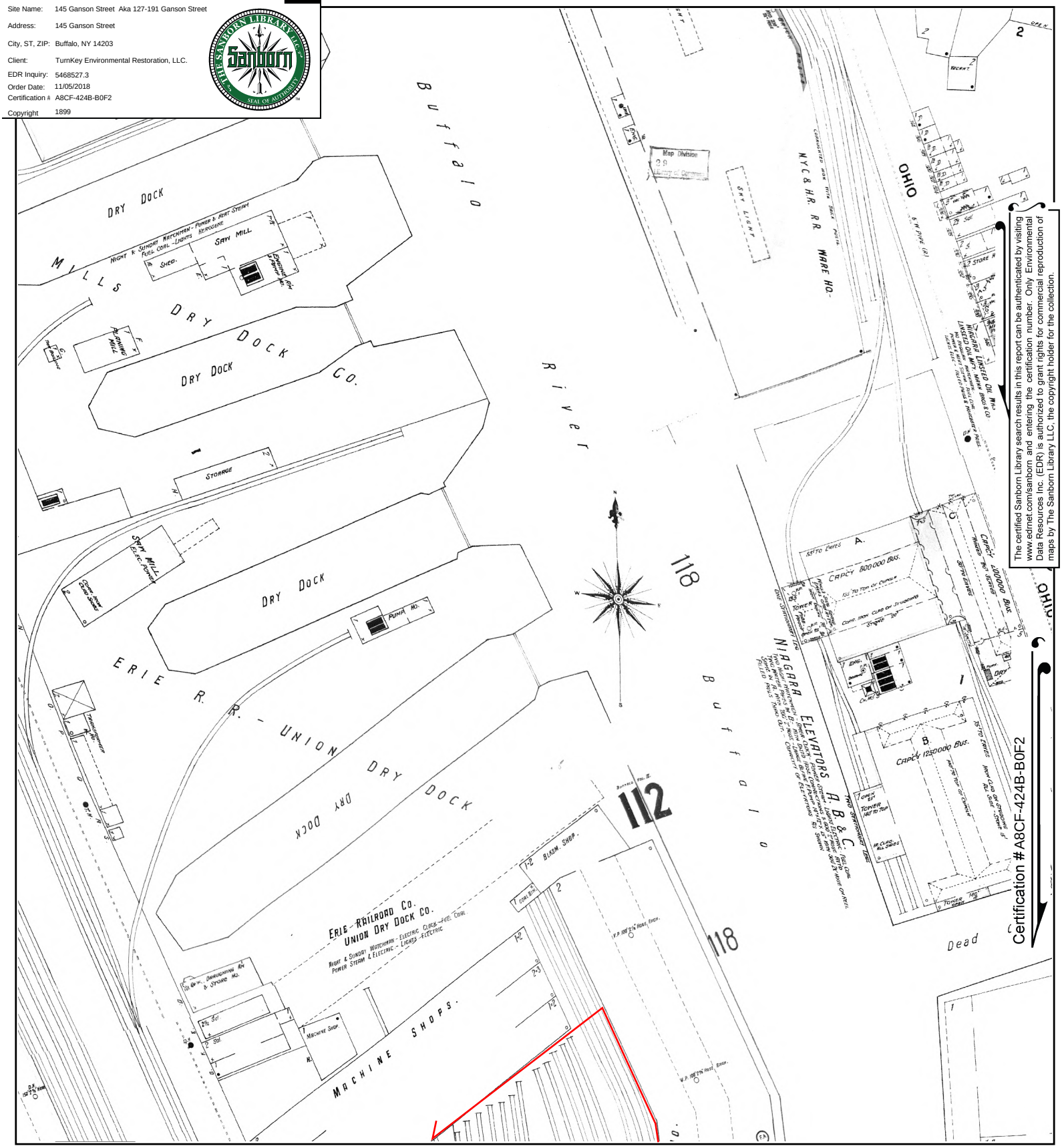
Volume 1, Sheet 52
Volume 1, Sheet 51
Volume 1, Sheet 50
Volume 1, Sheet xxxx

N

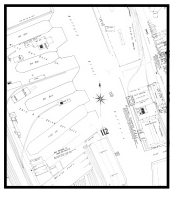
Certified Sanborn® Map

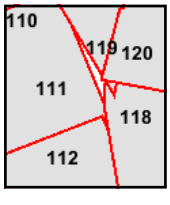
1899

Site Name: 145 Ganson Street Aka 127-191 Ganson Street
Address: 145 Ganson Street
City, ST, ZIP: Buffalo, NY 14203
Client: TurnKey Environmental Restoration, LLC.
EDR Inquiry: 5468527.3
Order Date: 11/05/2018
Certification #: A8CF-424B-B0F2
Copyright 1899



This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.





Volume 2, Sheet 120
Volume 2, Sheet 119
Volume 2, Sheet 118
Volume 2, Sheet 112
Volume 2, Sheet 111

0 Feet 150 300 600

N

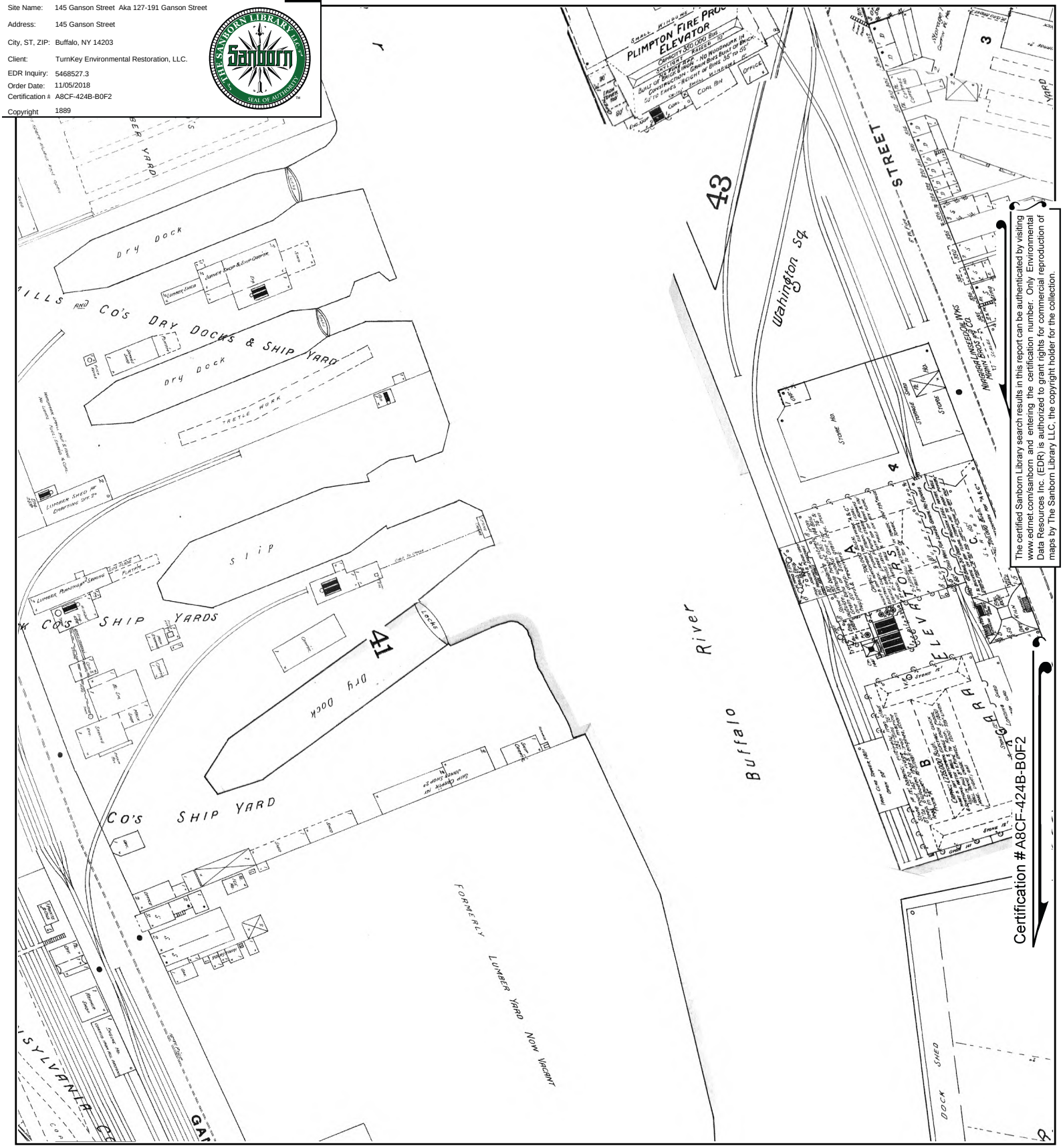
Certification #A8CF-424B-B0F2

The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn® Map

1889

Site Name: 145 Ganson Street Aka 127-191 Ganson Street
Address: 145 Ganson Street
City, ST, ZIP: Buffalo, NY 14203
Client: TurnKey Environmental Restoration, LLC.
EDR Inquiry: 5468527.3
Order Date: 11/05/2018
Certification #: A8CF-424B-B0F2
Copyright 1889

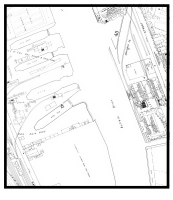


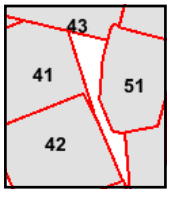
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #A8CF-424B-B0F2

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

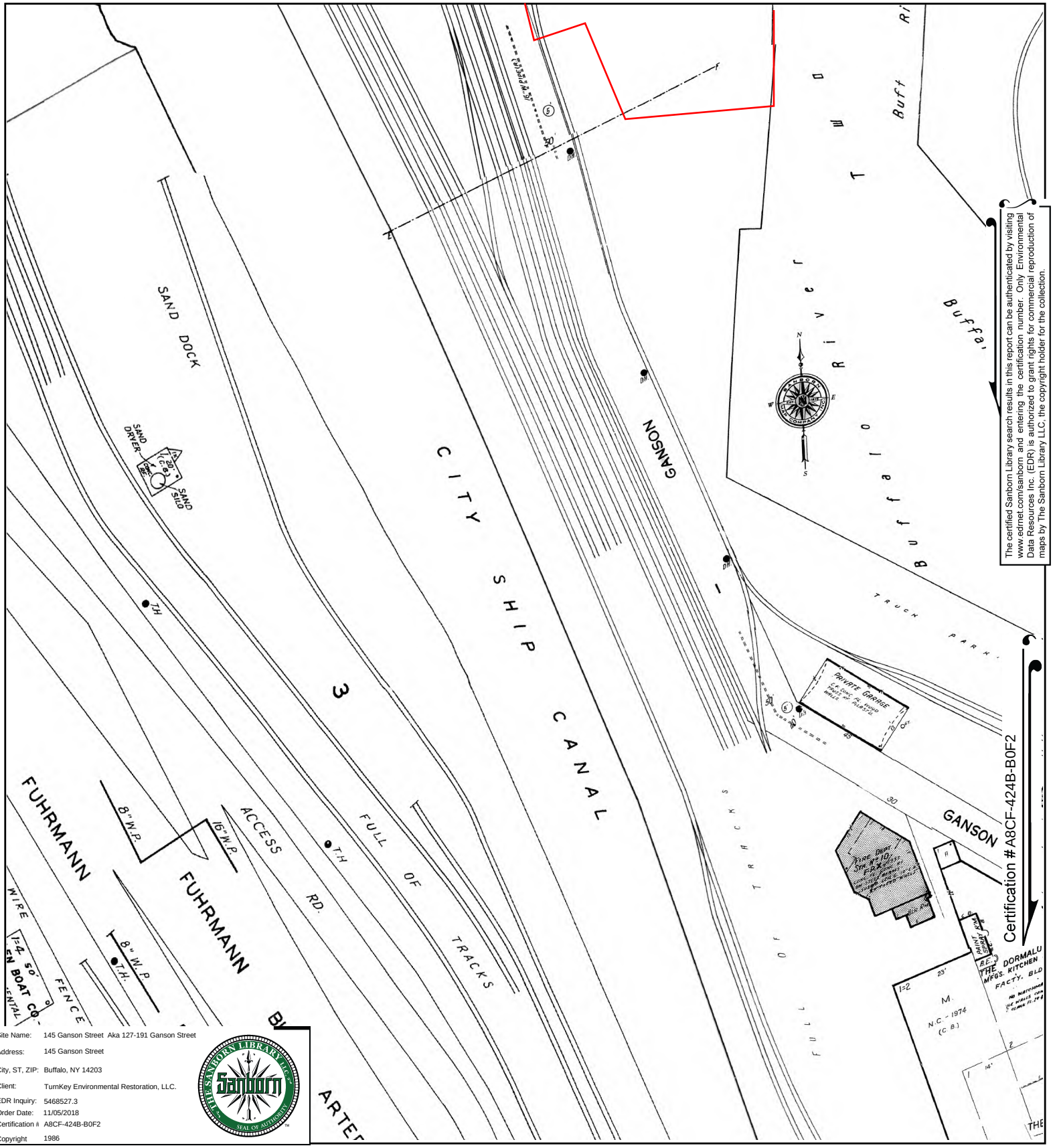
0 Feet 150 300 600





Volume 2, Sheet 51
Volume 2, Sheet 51
Volume 2, Sheet 43
Volume 2, Sheet 42
Volume 2, Sheet 41

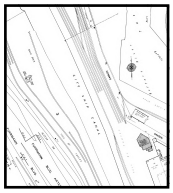
N

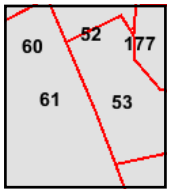


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	145 Ganson Street Aka 127-191 Ganson Street
Address:	145 Ganson Street
City, ST, ZIP:	Buffalo, NY 14203
Client:	TurnKey Environmental Restoration, LLC.
EDR Inquiry:	5468527.3
Order Date:	11/05/2018
Certification #	A8CF-424B-B0F2
Copyright	1986

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

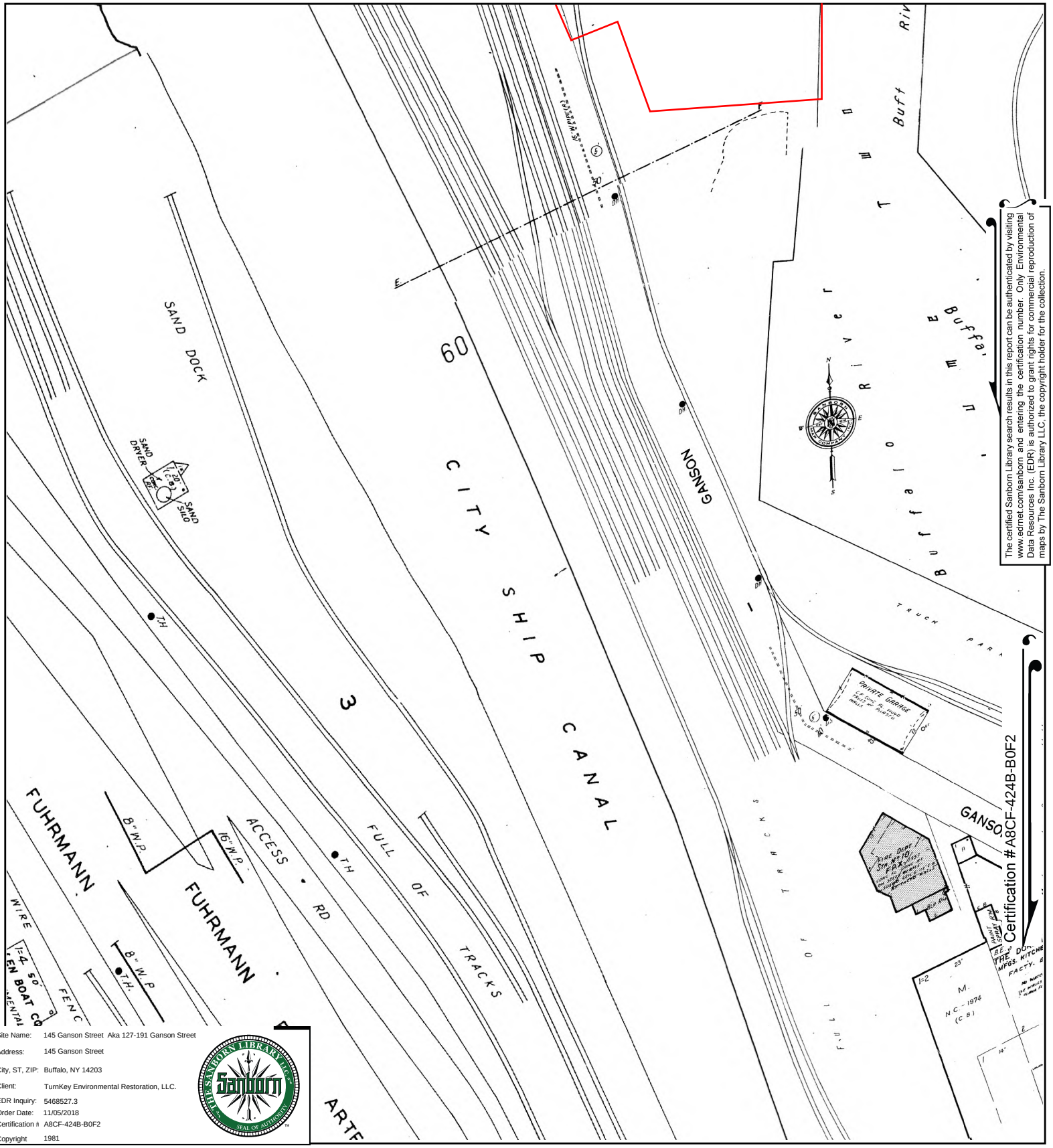




Volume 1, Sheet 61
Volume 1, Sheet 60
Volume 1, Sheet 53
Volume 1, Sheet 52

0 Feet 150 300 600

N

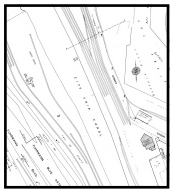


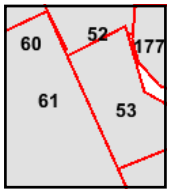
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name:	145 Ganson Street Aka 127-191 Ganson Street
Address:	145 Ganson Street
City, ST, ZIP:	Buffalo, NY 14203
Client:	TurnKey Environmental Restoration, LLC.
EDR Inquiry:	5468527.3
Order Date:	11/05/2018
Certification #:	A8CF-424B-B0F2
Copyright	1981

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

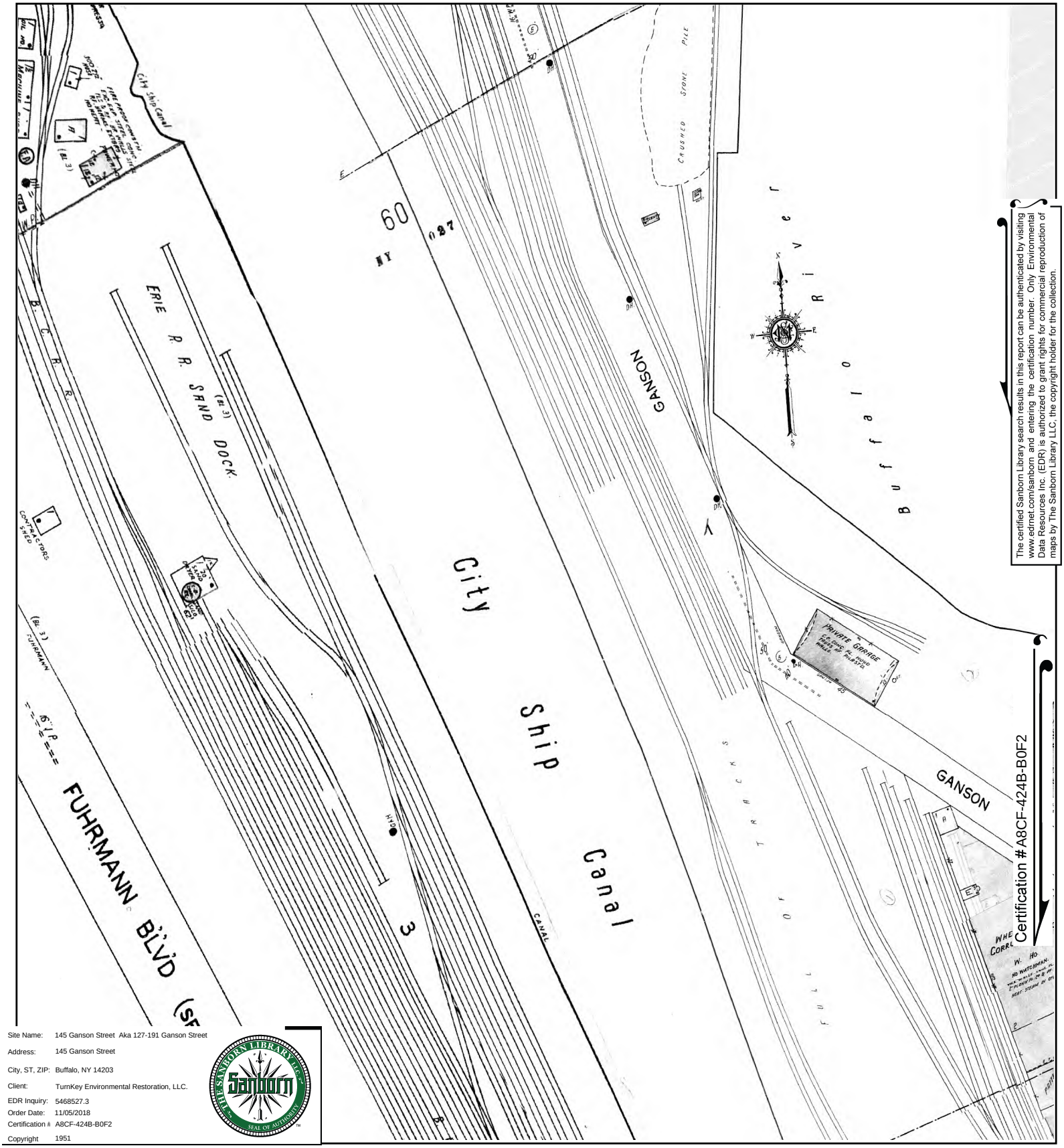
0 Feet 150 300 600





Volume 1, Sheet 61
Volume 1, Sheet 60
Volume 1, Sheet 53
Volume 1, Sheet 52

N

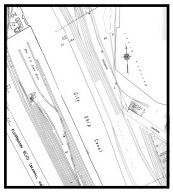


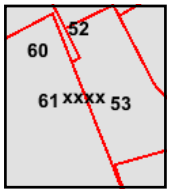
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #A8CF-424B-B0F2

Site Name:	145 Ganson Street Aka 127-191 Ganson Street
Address:	145 Ganson Street
City, ST, ZIP:	Buffalo, NY 14203
Client:	TurnKey Environmental Restoration, LLC.
EDR Inquiry:	5468527.3
Order Date:	11/05/2018
Certification #:	A8CF-424B-B0F2
Copyright	1951

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

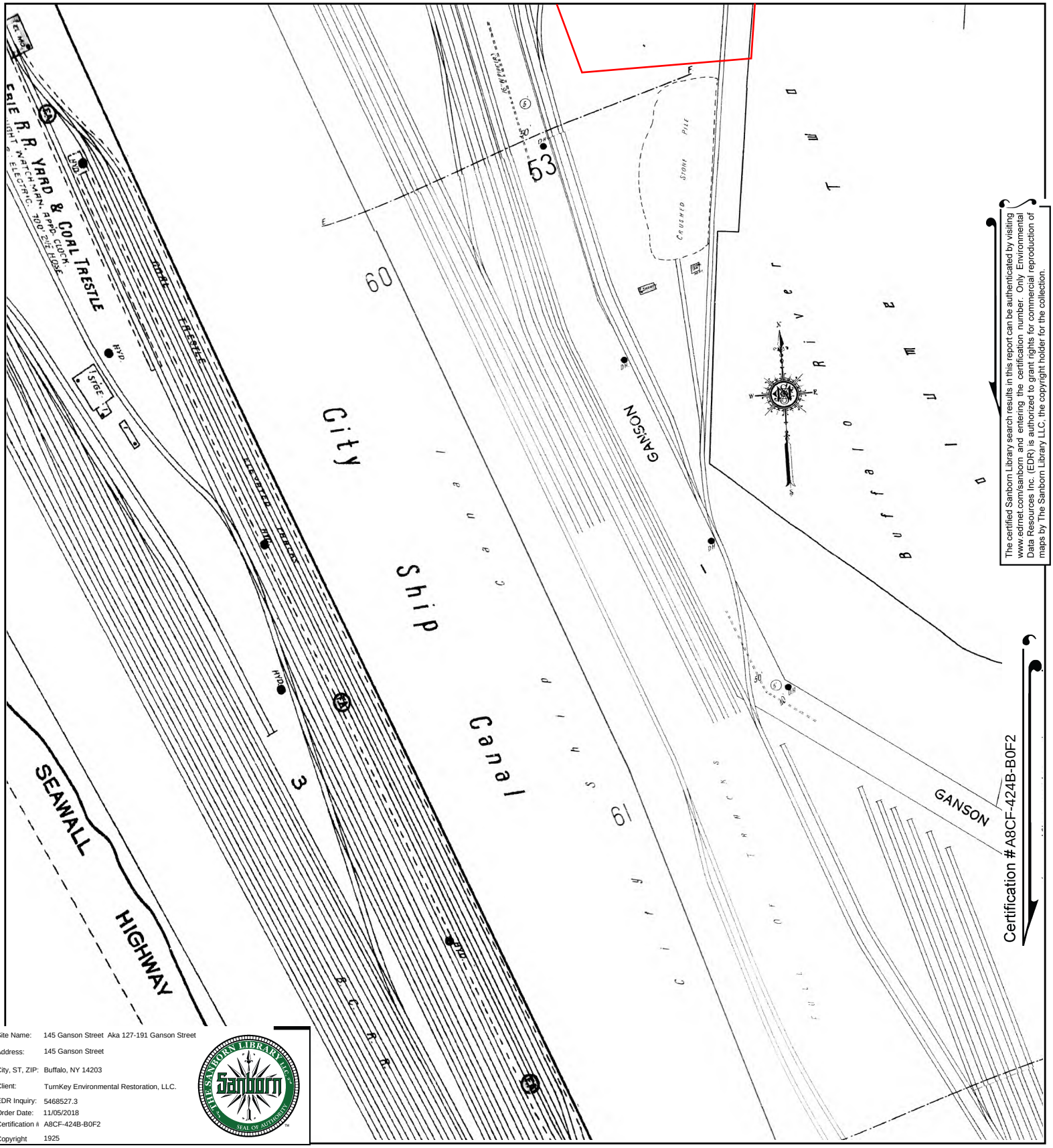




Volume 1, Sheet 61
Volume 1, Sheet 60
Volume 1, Sheet 53
Volume 1, Sheet 52
Volume 1, Sheet xxxx

0 Feet 150 300 600

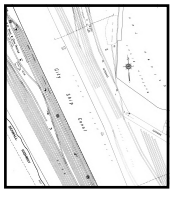
N

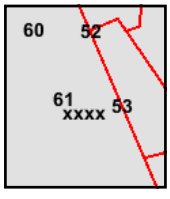


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Site Name: 145 Ganson Street Aka 127-191 Ganson Street
Address: 145 Ganson Street
City, ST, ZIP: Buffalo, NY 14203
Client: TurnKey Environmental Restoration, LLC.
EDR Inquiry: 5468527.3
Order Date: 11/05/2018
Certification #: A8CF-424B-B0F2
Copyright: 1925

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

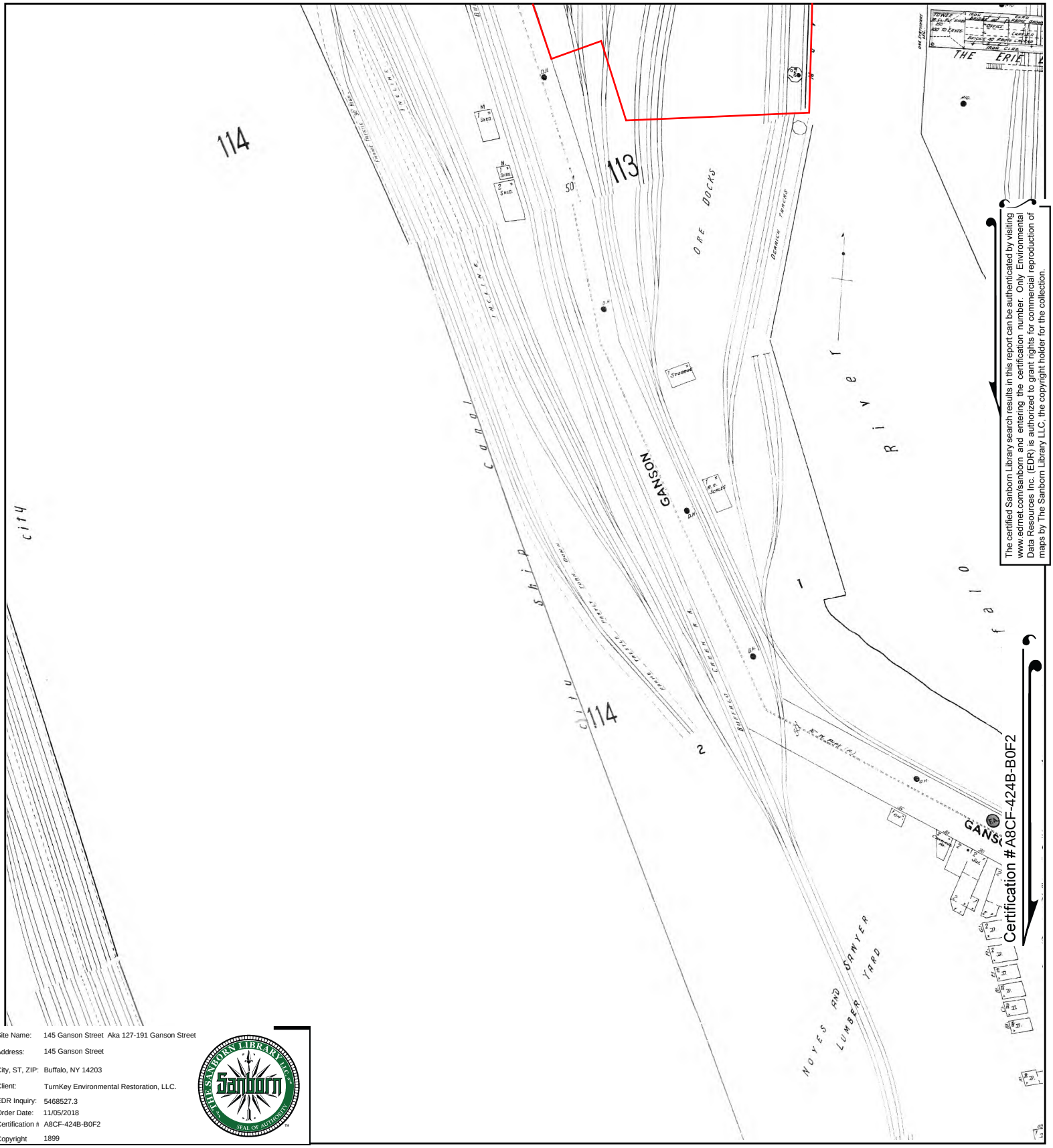




Volume 1, Sheet 61
Volume 1, Sheet 53
Volume 1, Sheet 52
Volume 1, Sheet xxxx

0 Feet 150 300 600

N



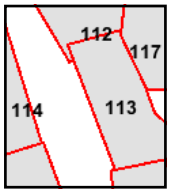
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #A8CF-424B-B0F2

Site Name: 145 Ganson Street Aka 127-191 Ganson Street
Address: 145 Ganson Street
City, ST, ZIP: Buffalo, NY 14203
Client: TurnKey Environmental Restoration, LLC.
EDR Inquiry: 5468527.3
Order Date: 11/05/2018
Certification #: A8CF-424B-B0F2
Copyright 1899

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

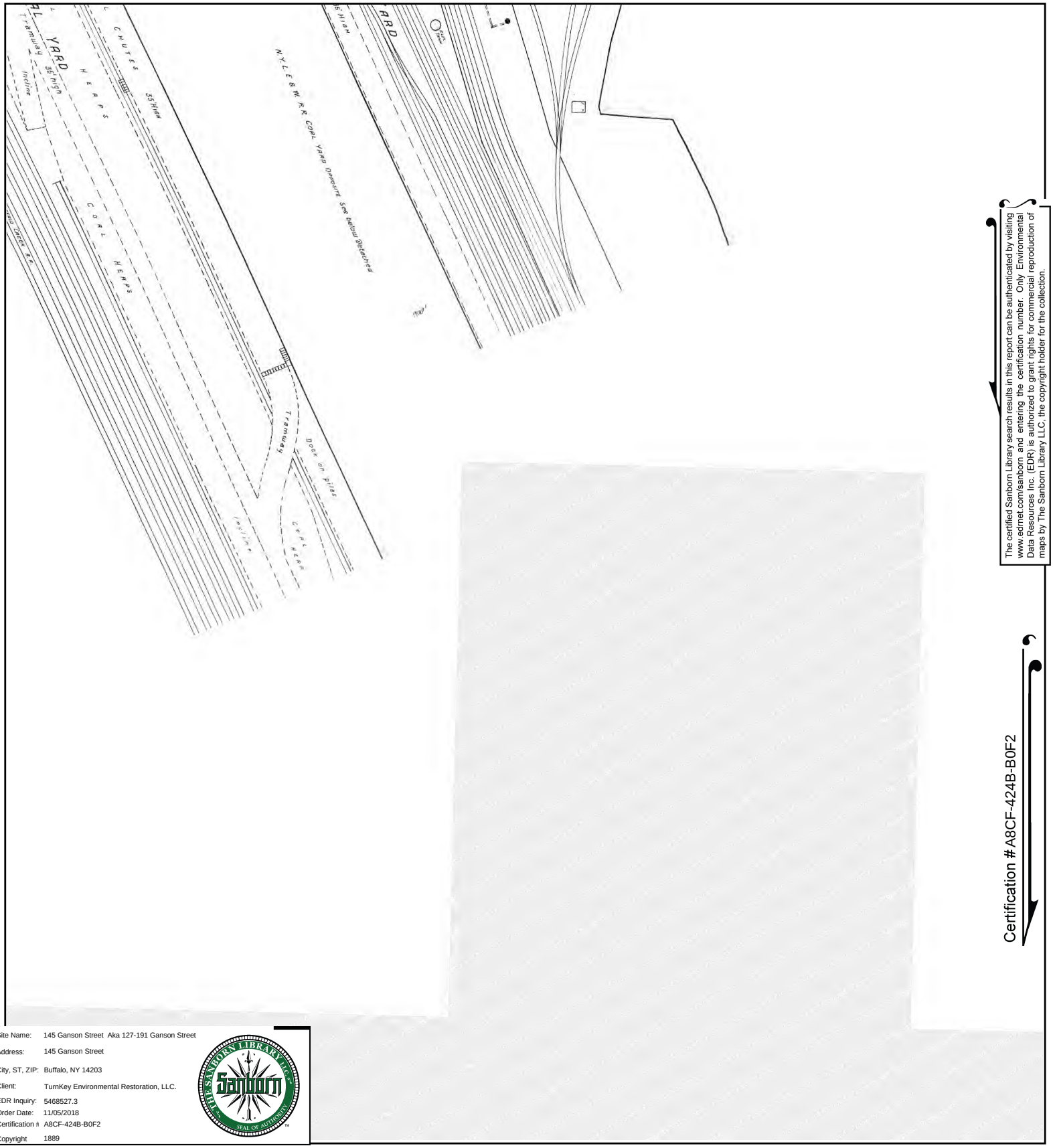




Volume 2, Sheet 117
Volume 2, Sheet 114
Volume 2, Sheet 113
Volume 2, Sheet 112

0 Feet 150 300 600

N

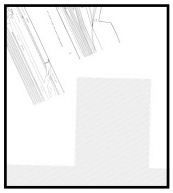


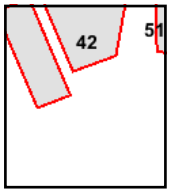
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #A8CF-424B-B0F2

Site Name: 145 Ganson Street Aka 127-191 Ganson Street
Address: 145 Ganson Street
City, ST, ZIP: Buffalo, NY 14203
Client: TurnKey Environmental Restoration, LLC.
EDR Inquiry: 5468527.3
Order Date: 11/05/2018
Certification #: A8CF-424B-B0F2
Copyright 1889

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.





Volume 2, Sheet 42

0 Feet 150 300 600

N

APPENDIX D

HISTORIC CITY DIRECTORIES

145 Ganson Street Aka 127-191 Ganson Street
145 Ganson Street
Buffalo, NY 14203

Inquiry Number: 5468527.5
October 30, 2018

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2017 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

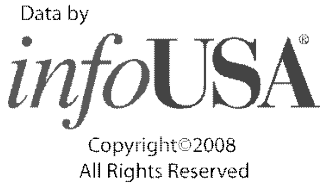
Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1925 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer. Reproduction of City Directories without permission of the publisher or licensed vendor may be a violation of copyright.



Copyright©2008
All Rights Reserved

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2014	EDR Digital Archive	X	X	X	-
2010	EDR Digital Archive	X	X	X	-
2008	Polk City Directories	-	X	X	X
	Polk City Directories	X	X	X	X
2001	EQUIFAX Polk City Directory	-	X	X	X
	EQUIFAX Polk City Directory	X	X	X	X
1998	The Polk Company,City Directory Division	-	X	X	X
	The Polk Company,City Directory Division	X	X	X	X
1996	R.L. Polk Company	-	-	-	-
1992	R. L. Polk Co., Publishers	-	X	X	X
	R. L. Polk Co., Publishers	X	X	X	X
1985	R. L. Polk Co., Publishers	-	X	X	X

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1985	R. L. Polk Co., Publishers	X	X	X	X
1980	R. L. Polk Co., Publishers	-	X	X	X
	R. L. Polk Co., Publishers	X	X	X	X
1975	R. L. Polk Co.	-	X	X	X
	R. L. Polk Co.	X	X	X	X
1970	R.L. Polk Company, Inc., Publishers	-	X	X	X
	R.L. Polk Company, Inc., Publishers	X	X	X	X
1964	R. L. Polk Co., Inc., Publishers	-	X	X	X
	R. L. Polk Co., Inc., Publishers	X	X	X	X
1960	Polk-Clement Directory Co. Inc.,	-	X	X	X
	Polk-Clement Directory Co. Inc.,	X	X	X	X
1955	Polk-Clement Directory Co. Inc.,	-	X	X	X
	Polk-Clement Directory Co. Inc.,	X	X	X	X
1950	Polk-Clement Directory Co. Inc.,	-	X	X	X
	Polk-Clement Directory Co. Inc.,	X	X	X	X
1946	Polk-Clement Directory Co. Inc.,	-	X	X	X
	Polk-Clement Directory Co. Inc.,	X	X	X	X
1940	Polk-Clement Directory Co. Inc.,	-	X	X	X
	Polk-Clement Directory Co. Inc.,	X	X	X	X
1935	Polk-Clement Directory Co. Inc.	-	-	X	-
	Polk-Clement Directory Co. Inc.	X	-	X	X
1930	Polk-Clement Directory Co. Inc.,	-	-	X	-
	Polk-Clement Directory Co. Inc.,	X	-	X	X
1925	Polk-Clement Directory Co., Publishers	-	-	X	-
	Polk-Clement Directory Co., Publishers	X	-	X	X

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer. Reproduction of City Directories without permission of the publisher or licensed vendor may be a violation of copyright.

Data by
infoUSA®

Copyright©2008
All Rights Reserved

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	***Type***	***Findings***
127 Buffalo River	Client Entered	
189 Ganson Street	Client Entered	X
191 Ganson Street	Client Entered	X
157 Ganson Street	Client Entered	X
161 Ganson Street	Client Entered	X
169 Ganson Street	Client Entered	
201 Ganson Street	Client Entered	X
155 Ganson Street	Client Entered	X
193 Ganson Street	Client Entered	X
153 Ganson Street	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

145 Ganson Street
Buffalo, NY 14203

FINDINGS DETAIL

Target Property research detail.

Buffalo River

127 Buffalo River

Year	*Uses*	*Source*

Ganson St

145 Ganson St

Year	*Uses*	*Source*
2014	B&B DISPOSAL INC	EDR Digital Archive
	GEORGE W BURNETT INC	EDR Digital Archive
2010	B&B DISPOSAL INC	EDR Digital Archive
	GEORGE W BURNETT INC	EDR Digital Archive

GANSON ST

145 GANSON ST

Year	*Uses*	*Source*	
2008	LAKE ERIE TRANSPORTATION CO	Polk City Directories	Image pg. A1
	trucking	Polk City Directories	Image pg. A1
2001	BURNETT GEORGE W local trucking	EQUIFAX Polk City Directory	Image pg. A2
1998	BURNETT GEORGE W ld trck	The Polk Company,City Directory Division	Image pg. A3
1992	Lake Erie Transportation Co Inc trucking	R. L. Polk Co., Publishers	Image pg. A4
1985	Burnett G W Trucking trucking	R. L. Polk Co., Publishers	Image pg. A5
	Lake Erie Transporation Co Inc	R. L. Polk Co., Publishers	Image pg. A5
	trucking	R. L. Polk Co., Publishers	Image pg. A5
1980	Lake Erie Transporation Co Inc	R. L. Polk Co., Publishers	Image pg. A9
1975	N & K Cartage Co Inc trucking	R. L. Polk Co.	Image pg. A10

FINDINGS

157 GANSON ST

Year	Uses	Source	
2001	ROY TRACK COMPANY heavy constn	EQUIFAX Polk City Directory	Image pg. A2
1998	constr	The Polk Company,City Directory Division	Image pg. A3
	ROY TRACK COMPANY heavy	The Polk Company,City Directory Division	Image pg. A3
1992	Roy Track Co Inc railroad constn	R. L. Polk Co., Publishers	Image pg. A4
1940	Vacant	Polk-Clement Directory Co. Inc.,	Image pg. A17
1935	Great Lakes Transit Corp tin shop	Polk-Clement Directory Co. Inc.	Image pg. A18

161 GANSON ST

Year	Uses	Source	
1970	VACANT	R.L. Polk Company, Inc., Publishers	Image pg. A11
1964	Vacant	R. L. Polk Co., Inc., Publishers	Image pg. A12
1960	No return	Polk-Clement Directory Co. Inc.,	Image pg. A13
1955	Lloyd Nellie Mrs	Polk-Clement Directory Co. Inc.,	Image pg. A14
1950	Lloyd Nellie Mrs	Polk-Clement Directory Co. Inc.,	Image pg. A15
1946	Lloyd Nellie Mrs	Polk-Clement Directory Co. Inc.,	Image pg. A16
1940	Lloyd John P	Polk-Clement Directory Co. Inc.,	Image pg. A17
1935	Lloyd John P	Polk-Clement Directory Co. Inc.	Image pg. A18
1930	Lloyd John PO	Polk-Clement Directory Co. Inc.,	Image pg. A19

189 GANSON ST

Year	Uses	Source	
1980	Vacant	R. L. Polk Co., Publishers	Image pg. A9
1975	Roberts Margt Mrs	R. L. Polk Co.	Image pg. A10
	Roberts Restaurant	R. L. Polk Co.	Image pg. A10
1970	ROBERTS HOTEL & RESTAURANT	R.L. Polk Company, Inc., Publishers	Image pg. A11
	ROBERTS MARGT MRS	R.L. Polk Company, Inc., Publishers	Image pg. A11
1964	Roberts Earl R	R. L. Polk Co., Inc., Publishers	Image pg. A12
	Roberts Hotel & Restr	R. L. Polk Co., Inc., Publishers	Image pg. A12
1960	Roberts Earl R	Polk-Clement Directory Co. Inc.,	Image pg. A13
	Roberts Hotel & Restr	Polk-Clement Directory Co. Inc.,	Image pg. A13
1955	Roberts Earle R restr	Polk-Clement Directory Co. Inc.,	Image pg. A14
1950	Roberts Earle R restr	Polk-Clement Directory Co. Inc.,	Image pg. A15
1946	Roberts Earle R	Polk-Clement Directory Co. Inc.,	Image pg. A16
1940	Roberts Earle R restr	Polk-Clement Directory Co. Inc.,	Image pg. A17
1935	Roberts Earl R restr	Polk-Clement Directory Co. Inc.	Image pg. A18
1930	Roberts Earl soft drinks	Polk-Clement Directory Co. Inc.,	Image pg. A19
1925	Roberts Earl R restr	Polk-Clement Directory Co., Publishers	Image pg. A20

FINDINGS

191 GANSON ST

Year	Uses	Source	
2001	SAFWAY STEEL PRODUCTS scaffolding	EQUIFAX Polk City Directory	Image pg. A2
1992	Downing Container Service Inc rubbish removal	R. L. Polk Co., Publishers	Image pg. A4
1985	Downing Container Service Inc	R. L. Polk Co., Publishers	Image pg. A6
	rubbish removal	R. L. Polk Co., Publishers	Image pg. A6
1980	Downing Container Service Inc	R. L. Polk Co., Publishers	Image pg. A9
	rubbish removal	R. L. Polk Co., Publishers	Image pg. A9
1975	Downing Container Service Inc	R. L. Polk Co.	Image pg. A10
	rubbish	R. L. Polk Co.	Image pg. A10
1970	DOWNING CONTAINER SERVICE INC RUBBISH	R.L. Polk Company, Inc., Publishers	Image pg. A11
1964	Vacant	R. L. Polk Co., Inc., Publishers	Image pg. A12
1960	Am Shipbldg Co Inc Bflo dry docks	Polk-Clement Directory Co. Inc.,	Image pg. A13
	American Shipbuilding Co Inc	Polk-Clement Directory Co. Inc.,	Image pg. A13
1955	American Shipbuilding Co Inc	Polk-Clement Directory Co. Inc.,	Image pg. A14
	Buffalo Dry Dock Bflo yards	Polk-Clement Directory Co. Inc.,	Image pg. A14
1950	American Shipbuilding Co Inc	Polk-Clement Directory Co. Inc.,	Image pg. A15
	Bflo Dry Dock Bflo Yds	Polk-Clement Directory Co. Inc.,	Image pg. A15
1946	American Shipbuilding Co Inc	Polk-Clement Directory Co. Inc.,	Image pg. A16
1940	American Shipbuilding Co Inc The	Polk-Clement Directory Co. Inc.,	Image pg. A17
1935	Buffalo Dry Dock Co	Polk-Clement Directory Co. Inc.	Image pg. A18
1930	191 301 Buffalo Dry Dock Co	Polk-Clement Directory Co. Inc.,	Image pg. A19

Ganson Street

157 Ganson Street

Year	Uses	Source	
2001	ROY TRACK COMPANY heavy constn	EQUIFAX Polk City Directory	Image pg. A2
1998	constr	The Polk Company,City Directory Division	Image pg. A3
	ROY TRACK COMPANY heavy	The Polk Company,City Directory Division	Image pg. A3
1992	Roy Track Co Inc railroad constn	R. L. Polk Co., Publishers	Image pg. A4
1940	Vacant	Polk-Clement Directory Co. Inc.,	Image pg. A17
1935	Great Lakes Transit Corp tin shop	Polk-Clement Directory Co. Inc.	Image pg. A18

161 Ganson Street

Year	Uses	Source	
1970	VACANT	R.L. Polk Company, Inc., Publishers	Image pg. A11
1964	Vacant	R. L. Polk Co., Inc., Publishers	Image pg. A12
1960	No return	Polk-Clement Directory Co. Inc.,	Image pg. A13

FINDINGS

Year	Uses	Source	
1955	Lloyd Nellie Mrs	Polk-Clement Directory Co. Inc.,	Image pg. A14
1950	Lloyd Nellie Mrs	Polk-Clement Directory Co. Inc.,	Image pg. A15
1946	Lloyd Nellie Mrs	Polk-Clement Directory Co. Inc.,	Image pg. A16
1940	Lloyd John P	Polk-Clement Directory Co. Inc.,	Image pg. A17
1935	Lloyd John P	Polk-Clement Directory Co. Inc.	Image pg. A18
1930	Lloyd John PO	Polk-Clement Directory Co. Inc.,	Image pg. A19

169 Ganson Street

Year	Uses	Source

189 Ganson Street

Year	Uses	Source	
1980	Vacant	R. L. Polk Co., Publishers	Image pg. A9
1975	Roberts Margt Mrs	R. L. Polk Co.	Image pg. A10
	Roberts Restaurant	R. L. Polk Co.	Image pg. A10
1970	ROBERTS HOTEL & RESTAURANT	R.L. Polk Company, Inc., Publishers	Image pg. A11
	ROBERTS MARGT MRS	R.L. Polk Company, Inc., Publishers	Image pg. A11
1964	Roberts Earl R	R. L. Polk Co., Inc., Publishers	Image pg. A12
	Roberts Hotel & Restr	R. L. Polk Co., Inc., Publishers	Image pg. A12
1960	Roberts Earl R	Polk-Clement Directory Co. Inc.,	Image pg. A13
	Roberts Hotel & Restr	Polk-Clement Directory Co. Inc.,	Image pg. A13
1955	Roberts Earle R restr	Polk-Clement Directory Co. Inc.,	Image pg. A14
1950	Roberts Earle R restr	Polk-Clement Directory Co. Inc.,	Image pg. A15
1946	Roberts Earle R	Polk-Clement Directory Co. Inc.,	Image pg. A16
1940	Roberts Earle R restr	Polk-Clement Directory Co. Inc.,	Image pg. A17
1935	Roberts Earl R restr	Polk-Clement Directory Co. Inc.	Image pg. A18
1930	Roberts Earl soft drinks	Polk-Clement Directory Co. Inc.,	Image pg. A19
1925	Roberts Earl R restr	Polk-Clement Directory Co., Publishers	Image pg. A20

191 Ganson Street

Year	Uses	Source	
2001	SAFWAY STEEL PRODUCTS scaffolding	EQUIFAX Polk City Directory	Image pg. A2
1992	Downing Container Service Inc rubbish removal	R. L. Polk Co., Publishers	Image pg. A4
1985	Downing Container Service Inc	R. L. Polk Co., Publishers	Image pg. A8
	rubbish removal	R. L. Polk Co., Publishers	Image pg. A8
1980	Downing Container Service Inc	R. L. Polk Co., Publishers	Image pg. A9
	rubbish removal	R. L. Polk Co., Publishers	Image pg. A9
1975	Downing Container Service Inc	R. L. Polk Co.	Image pg. A10

FINDINGS

Year	Uses	Source	
1975	rubbish	R. L. Polk Co.	Image pg. A10
1970	DOWNING CONTAINER SERVICE INC RUBBISH	R.L. Polk Company, Inc., Publishers	Image pg. A11
1964	Vacant	R. L. Polk Co., Inc., Publishers	Image pg. A12
1960	Am Shipbldg Co Inc Bflo dry docks	Polk-Clement Directory Co. Inc.,	Image pg. A13
	American Shipbuilding Co Inc	Polk-Clement Directory Co. Inc.,	Image pg. A13
1955	American Shipbuilding Co Inc	Polk-Clement Directory Co. Inc.,	Image pg. A14
	Buffalo Dry Dock Bflo yards	Polk-Clement Directory Co. Inc.,	Image pg. A14
1950	American Shipbuilding Co Inc	Polk-Clement Directory Co. Inc.,	Image pg. A15
	Bflo Dry Dock Bflo Yds	Polk-Clement Directory Co. Inc.,	Image pg. A15
1946	American Shipbuilding Co Inc	Polk-Clement Directory Co. Inc.,	Image pg. A16
1940	American Shipbuilding Co Inc The	Polk-Clement Directory Co. Inc.,	Image pg. A17
1935	Buffalo Dry Dock Co	Polk-Clement Directory Co. Inc.	Image pg. A18
1930	191 301 Buffalo Dry Dock Co	Polk-Clement Directory Co. Inc.,	Image pg. A19

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

GANSON ST

149 GANSON ST

Year	Uses	Source	
1964	Penn Dixie Cement Co dock	R. L. Polk Co., Inc., Publishers	Image pg. A12
1960	Penn Dixie Cement Co dock	Polk-Clement Directory Co. Inc.,	Image pg. A13
1955	Federal Portland Cement dock	Polk-Clement Directory Co. Inc.,	Image pg. A14
1950	Federal Portland Cement dock	Polk-Clement Directory Co. Inc.,	Image pg. A15
1946	Buffalo Slag Co Inc The dock	Polk-Clement Directory Co. Inc.,	Image pg. A16
1940	Buffalo Slag Co Inc The dock	Polk-Clement Directory Co. Inc.,	Image pg. A17

153 GANSON ST

Year	Uses	Source	
1964	Vacant	R. L. Polk Co., Inc., Publishers	Image pg. A12
1960	Lake Erie Dodge Truck Center Incwhse	Polk-Clement Directory Co. Inc.,	Image pg. A13
	BAW Constn Co Inc whse	Polk-Clement Directory Co. Inc.,	Image pg. A13
	Ganson Whse Inc br	Polk-Clement Directory Co. Inc.,	Image pg. A13
1955	Ganson Warehouse Inc	Polk-Clement Directory Co. Inc.,	Image pg. A14
1950	Buffalo Merchandise Warehouse Inc whse No 5	Polk-Clement Directory Co. Inc.,	Image pg. A15
1946	Buffalo Merchandise Warehouses Inc whse No 5	Polk-Clement Directory Co. Inc.,	Image pg. A16
1940	Buffalo Merchandise Warehouses Inc whse No 5	Polk-Clement Directory Co. Inc.,	Image pg. A17

155 GANSON ST

Year	Uses	Source	
1992	Vacant	R. L. Polk Co., Publishers	Image pg. A4
1985	Eastern Weighing & Insp Bur	R. L. Polk Co., Publishers	Image pg. A5
	Reclaim & Grain Bur	R. L. Polk Co., Publishers	Image pg. A5
1975	Eastern Weighing & Insp Bur	R. L. Polk Co.	Image pg. A10
	Reclaim & Grain Bur	R. L. Polk Co.	Image pg. A10
1970	EASTERN WEIGHING & INSP BUR RECLAIM & GRAIN BUR	R.L. Polk Company, Inc., Publishers	Image pg. A11
1964	Eastern Weighing & Inspection Bureau Reclamation & Grain Door Bur	R. L. Polk Co., Inc., Publishers	Image pg. A12
1960	Eastern Weighing & Inspection Bureau Reclamation & Grain Door Bur	Polk-Clement Directory Co. Inc.,	Image pg. A13

FINDINGS

Year	Uses	Source	
1955	Eastern Weighing & Inspection Bureau	Polk-Clement Directory Co. Inc.,	Image pg. A14
1950	Eastern Weighing & Inspection Bureau	Polk-Clement Directory Co. Inc.,	Image pg. A15

156 GANSON ST

Year	Uses	Source	
1992	Pillsbury Co Whse	R. L. Polk Co., Publishers	Image pg. A4
1985	Pillsbury Co Whse	R. L. Polk Co., Publishers	Image pg. A5
1980	Pillbury Co Whse	R. L. Polk Co., Publishers	Image pg. A9
1975	Pillsbury Co Whse	R. L. Polk Co.	Image pg. A10
1970	PILLSBURY CO WHSE	R.L. Polk Company, Inc., Publishers	Image pg. A11
1964	Pillsbury Co whse	R. L. Polk Co., Inc., Publishers	Image pg. A12

160 GANSON ST

Year	Uses	Source	
1964	Pillsbury Co whse	R. L. Polk Co., Inc., Publishers	Image pg. A12
1960	Pillsbury Mills Inc whse	Polk-Clement Directory Co. Inc.,	Image pg. A13
1955	Pillsbury Flour Mills Co whse	Polk-Clement Directory Co. Inc.,	Image pg. A14
1950	Pillsbury Flour Mills Co whse	Polk-Clement Directory Co. Inc.,	Image pg. A15
1946	Pillsbury Flour Mills Co whse	Polk-Clement Directory Co. Inc.,	Image pg. A16
1940	Pillsbury Flour Mills Co whse	Polk-Clement Directory Co. Inc.,	Image pg. A17

193 GANSON ST

Year	Uses	Source	
1975	Vacant	R. L. Polk Co.	Image pg. A10
1970	DIAMOND CRYSTAL SALT CO WHSE	R.L. Polk Company, Inc., Publishers	Image pg. A11
	PFOHL WM TRUCKING	R.L. Polk Company, Inc., Publishers	Image pg. A11

Ganson St

201 Ganson St

Year	Uses	Source
2014	MAN O TREES INC	EDR Digital Archive
	MAN O TREES INC	EDR Digital Archive
2010	600 RIVER ROAD LLC	EDR Digital Archive
	600 RIVER ROAD LLC	EDR Digital Archive

FINDINGS

GANSON ST

201 GANSON ST

Year	Uses	Source	
2008	SENECA CONSTRUCTION MGMT	Polk City Directories	Image pg. A1
	construction mgmt	Polk City Directories	Image pg. A1
2001	BEAR DEVELOPMENT COMPANY land subdividersdev c	EQUIFAX Polk City Directory	Image pg. A2
	GREAT LAKES TRUCK SALVAGE truck equip parts	EQUIFAX Polk City Directory	Image pg. A2
	INTEGRATED WASTE SERVICES refuse sys	EQUIFAX Polk City Directory	Image pg. A2
1998	INTEGRATED WASTE SERVICES	The Polk Company,City Directory Division	Image pg. A3
	refuse systems	The Polk Company,City Directory Division	Image pg. A3
1992	Integrated Waste Systems removal recycling dumpsters	R. L. Polk Co., Publishers	Image pg. A4
1985	Cowper John W Co Inc YD civil	R. L. Polk Co., Publishers	Image pg. A6
1980	Cowper John W Co Inc YD	R. L. Polk Co., Publishers	Image pg. A9
1975	Cowper John W Co Inc YD	R. L. Polk Co.	Image pg. A10
1970	COWPER J W CO INC YD	R.L. Polk Company, Inc., Publishers	Image pg. A11

212 GANSON ST

Year	Uses	Source	
1950	Buffalo Merchandise Warehouse Inc whse No 5	Polk-Clement Directory Co. Inc.,	Image pg. A15
1946	Buffalo Merchandise Warehouses Inc whse No 5	Polk-Clement Directory Co. Inc.,	Image pg. A16
1940	Buffalo Merchandise Warehouses Inc whse No 5	Polk-Clement Directory Co. Inc.,	Image pg. A17

Ganson Street

153 Ganson Street

Year	Uses	Source	
1964	Vacant	R. L. Polk Co., Inc., Publishers	Image pg. A12
1960	BAW Constn Co Inc whse	Polk-Clement Directory Co. Inc.,	Image pg. A13
	Lake Erie Dodge Truck Center Incwhse	Polk-Clement Directory Co. Inc.,	Image pg. A13
	Ganson Whse Inc br	Polk-Clement Directory Co. Inc.,	Image pg. A13
1955	Ganson Warehouse Inc	Polk-Clement Directory Co. Inc.,	Image pg. A14
1950	Buffalo Merchandise Warehouse Inc whse No 5	Polk-Clement Directory Co. Inc.,	Image pg. A15
1946	Buffalo Merchandise Warehouses Inc whse No 5	Polk-Clement Directory Co. Inc.,	Image pg. A16

FINDINGS

Year	Uses	Source	
1940	Buffalo Merchandise Warehouses Inc whse No 5	Polk-Clement Directory Co. Inc.,	Image pg. A17

155 Ganson Street

Year	Uses	Source	
1992	Vacant	R. L. Polk Co., Publishers	Image pg. A4
1985	Eastern Weighing & Insp Bur	R. L. Polk Co., Publishers	Image pg. A7
	Reclaim & Grain Bur	R. L. Polk Co., Publishers	Image pg. A7
1975	Eastern Weighing & Insp Bur	R. L. Polk Co.	Image pg. A10
	Reclaim & Grain Bur	R. L. Polk Co.	Image pg. A10
1970	EASTERN WEIGHING & INSP BUR RECLAIM & GRAIN BUR	R.L. Polk Company, Inc., Publishers	Image pg. A11
1964	Eastern Weighing & Inspection Bureau Reclamation & Grain Door Bur	R. L. Polk Co., Inc., Publishers	Image pg. A12
1960	Eastern Weighing & Inspection Bureau Reclamation & Grain Door Bur	Polk-Clement Directory Co. Inc.,	Image pg. A13
1955	Eastern Weighing & Inspection Bureau	Polk-Clement Directory Co. Inc.,	Image pg. A14
1950	Eastern Weighing & Inspection Bureau	Polk-Clement Directory Co. Inc.,	Image pg. A15

193 Ganson Street

Year	Uses	Source	
1975	Vacant	R. L. Polk Co.	Image pg. A10
1970	DIAMOND CRYSTAL SALT CO WHSE	R.L. Polk Company, Inc., Publishers	Image pg. A11
	PFOHL WM TRUCKING	R.L. Polk Company, Inc., Publishers	Image pg. A11

201 Ganson Street

Year	Uses	Source	
2008	SENECA CONSTRUCTION MGMT	Polk City Directories	Image pg. A1
	construction mgmt	Polk City Directories	Image pg. A1
2001	BEAR DEVELOPMENT COMPANY land subdividersdev c	EQUIFAX Polk City Directory	Image pg. A2
	GREAT LAKES TRUCK SALVAGE truck equip parts	EQUIFAX Polk City Directory	Image pg. A2
	INTEGRATED WASTE SERVICES refuse sys	EQUIFAX Polk City Directory	Image pg. A2
1998	INTEGRATED WASTE SERVICES	The Polk Company,City Directory Division	Image pg. A3
	refuse systems	The Polk Company,City Directory Division	Image pg. A3
1992	Integrated Waste Systems removal recycling dumpsters	R. L. Polk Co., Publishers	Image pg. A4
1985	Cowper John W Co Inc YD civil	R. L. Polk Co., Publishers	Image pg. A8
1980	Cowper John W Co Inc YD	R. L. Polk Co., Publishers	Image pg. A9
1975	Cowper John W Co Inc YD	R. L. Polk Co.	Image pg. A10

FINDINGS

Year	Uses	Source	
1970	COWPER J W CO INC YD	R.L. Polk Company, Inc., Publishers	Image pg. A11

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
149 GANSON ST	2014, 2010, 2008, 2001, 1998, 1996, 1992, 1985, 1980, 1975, 1970, 1935, 1930, 1925
153 GANSON ST	2014, 2010, 2008, 2001, 1998, 1996, 1992, 1985, 1980, 1975, 1970, 1935, 1930, 1925
153 Ganson Street	2014, 2010, 2008, 2001, 1998, 1996, 1992, 1985, 1980, 1975, 1970, 1935, 1930, 1925
155 GANSON ST	2014, 2010, 2008, 2001, 1998, 1996, 1980, 1946, 1940, 1935, 1930, 1925
155 Ganson Street	2014, 2010, 2008, 2001, 1998, 1996, 1980, 1946, 1940, 1935, 1930, 1925
156 GANSON ST	2014, 2010, 2008, 2001, 1998, 1996, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1925
160 GANSON ST	2014, 2010, 2008, 2001, 1998, 1996, 1992, 1985, 1980, 1975, 1970, 1935, 1930, 1925
193 GANSON ST	2014, 2010, 2008, 2001, 1998, 1996, 1992, 1985, 1980, 1964, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1925
193 Ganson Street	2014, 2010, 2008, 2001, 1998, 1996, 1992, 1985, 1980, 1964, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1925
201 GANSON ST	2014, 2010, 1996, 1964, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1925
201 Ganson St	2008, 2001, 1998, 1996, 1992, 1985, 1980, 1975, 1970, 1964, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1925
201 Ganson St	2008, 2001, 1998, 1996, 1992, 1985, 1980, 1975, 1970, 1964, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1925
201 Ganson Street	2014, 2010, 1996, 1964, 1960, 1955, 1950, 1946, 1940, 1935, 1930, 1925
212 GANSON ST	2014, 2010, 2008, 2001, 1998, 1996, 1992, 1985, 1980, 1975, 1970, 1964, 1960, 1955, 1935, 1930, 1925

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
145 Ganson Street	1996

Source Page Images Appendix

GANSON ST 2008

Polk City Directories Now on the Internet @ www.citydirectory.com

GALLATIN AVE Cont'd

50 Albert Howard C Jr & Carol A 43 716-877-4530
51 Ⓝ Evans Ashley
52 Ⓝ Wolfe-Elder Bobbie J
53 Gajski Elizabeth S 48 716-876-7645
Gajski Leo S 716-876-7645
O'Day Eliz D 47 716-876-7645
55 Ⓝ Chavez Julian
56 Kistela Richard H 5
58 Gabioud Michael J 3
Gabioud Kristy
61 - 62 No Current Listing (2 Hses)
63 Grieco Connie 21
Grieco Danielle
+ HUNT AVE ENDS
73 Walp Kimberly A 12
74 Ⓝ Brown Kathleen 716-725-0203
Rose Richard 3
76 Christopher Anthony J & Louann A 16 716-874-2945
77 Ⓝ Haslam Alissa 716-844-8672
78 Gary William 10
Ⓝ Rivera Jeanlys
79 Dell Eric 3 716-874-1113
81 Muhammad Sadiq 5 716-874-4137
82 Marlett John E & Carol L 49 716-873-7762
84 - 85 No Current Listing (2 Hses)
87 Davis Verlinda M 6
Davis Lamar
88 Sherk Robert D & Diane E 35 716-874-5346
89 Samol Robert M & Helen E 28 716-875-2925
90 Ⓝ Hiczewski Dawn
92 Ⓝ Edwards Thaddeus D
95 Vanalstine Scott H Sr & Cathleen M 15 716-873-4394
96 Culhane Gerald J 47 716-875-1344
97 Heims Amy M 6
98 Brudecki Leonard J Sr 7 716-875-7516
99 Hausle Roger J 21 716-874-9720
100 Schifano Salvatore M & Helen E 47 716-873-1930
103 Fonseca Carmen 11
104 No Current Listing
106 Ⓝ Corey Mike
107 Kisteta Richard H 2
108 Shilling Donald S
109 Ⓝ Alexander Brandi
110 No Current Listing
112 Rivera Luis A 5 716-874-1428
Ⓝ Rolon Mirta
118 Alemany Jose M Jr 19 716-871-3431
Alemany Petronila 716-871-3431

+ PROGRESSIVE AVE INTERSECTS
BUSINESSES 1 HOUSEHOLDS 69

GALLOWAY ST (BUFFALO)-FROM 82 BUFFUM ST SOUTHEAST
• ZIP CODE 14210 CAR-RT C010
11 Cuddihy Donald J 13 716-822-3748
15 Weiss Emily M 3
25 No Current Listing
27 Highway Kathleen 2 716-823-0374
Renner Kathie M 23 716-822-6121
29 Coles Dorothy R 30
+ INDIAN CHURCH RD INTERSECTS
HOUSEHOLDS 6

GANSON ST (BUFFALO)-FROM 581 OHIO ST NORTHWEST
• ZIP CODE 14203 CAR-RT C030
4 IPE CLIP CO hardware-whol 716-822-7841
145 LAKE ERIE TRANSPORTATION CO trucking 716-856-8300
201 SENECA CONSTRUCTION MGMT construction mgmt 716-842-0010
250 ADM MILLING flour mills 716-849-7333
289 BUFFALO INDUST DIVING CO nonclassified establishments 716-853-1675
323 CONTRACTORS EQUIPMENT RENTAL contractors- equip/supl 716-852-0121
327 GLF BOAT STORAGE marinas 716-856-8450
333 Ⓝ Cont Ontario S
ONTARIO SPECIALTY CONTRACTING demolition contractors 716-856-3333
WILLIAMS DEVELOPMENT OF CT nonclassified establishments 716-842-1650
WILLIAMS SPECIALTY STEEL INC welding & steel fabrication 716-852-4762
3 INTEGRATED TIRE scrap rubber 716-847-8473
389 ST MARY'S NEW YORK CEMENT CO cement-whol 716-854-1222

GANSON ST Cont'd
+ S MICHIGAN AVE INTERSECTS
BUSINESSES 12 HOUSEHOLDS 1

GARDEN ALY (BUFFALO)-FROM 290 CAROLINA ST NORTHWEST
+ VIRGINIA ST INTERSECTS

GARFIELD ST (BUFFALO)-FROM 34 HARTMAN PL NORTHEAST
+ NIAGARA ST CONTINUES
• ZIP CODE 14207 CAR-RT C002
14 Notar Michael D Sr & Jo A 26 716-877-5765
15 No Current Listing
17 Rine Suzanne M 3
Rine Justin M
19 Ⓝ Lebron Daylin
20 Cantasano Valerie M 8
Ⓝ Lama Jeremy J
21 Rung Timothy A 12
Rung Kathy L
22 Allami Falah 8 716-876-9351
Allami Sawsan S 716-876-9351
23 No Current Listing
24 Trietley Patricia A 30 716-877-8516
Trietley Arleen B 716-877-8516
25 Brennan Mary J 41 716-877-2498
Brennan Brian J 716-877-2498
27 - 28 No Current Listing (2 Hses)
29 Banyai Justina A 36 716-877-6375
Vaarwerk Leo J 11 716-877-1496
Vaarwerk Stephanie M 716-877-1496
30 Devine Jonh A 7
DEVINE'S COMPLETE HOME improvements 716-873-6558
32 No Current Listing
+ EAST ST INTERSECTS
+ HARTMAN PL ENDS
+ PEORIA ST INTERSECTS
111 Pettibone Patricia A 22 716-873-1288
Pettibone Chester 716-873-1288
116 Ⓝ Flippen Joshua E
120 Carbonell Zulemi 14 716-873-1714
122 Helmer Kevin E & Loretta R 12
126 No Current Listing
+ CALUMET PL ENDS
128 Coleman Kenneth E 19
132 Pritchard Joan L 19 716-874-2171
134 Colon Marta 4
138 Fisher Paul M 20 716-876-4750
McMahon Sheila M 8 716-873-3422
McMahon Mary 716-873-3422
+ TONAWANDA ST INTERSECTS
BUSINESSES 1 HOUSEHOLDS 27

GARLAND AVE (BUFFALO)-FROM 315 PARKER AVE
• ZIP CODE 14206 CAR-RT C001
34 McNary Lynnette P 5 716-896-3601
40 No Current Listing
43 Dustin Diane L 22 716-896-3878
46 Ⓝ Frank Erica
51 Cleary Ruth A 4 716-892-1624
56 Jozwiak Nancy L 13 716-894-8299
Jozwiak Glenden 716-894-8299
59 No Current Listing
62 Bichert John G & Jessica A 48 716-892-3962
65 Wroblewski Janice A 30 716-892-0026
68 Bretherton Edward K & Beverly L 7 716-893-8862
71 Sabadasz Eric J 11 716-891-8293
72 No Current Listing
75 Barillari Victoria 11 716-894-6994
79 Olejniczak Mark J & Mary A 17 716-894-6994
80 - 117 No Current Listing (2 Hses)
120 Lamy John A 25 716-893-0740
125 Graue Mary M 46 716-893-9580
130 Osalkowski Edward C & Agnes E 43 716-893-0504
131 Sullivan Michael J 13
Sullivan Maureen K
134 Stranz Raymond B 47
Stranz Gerard A
137 Altemoos Mary M 36 716-893-9324
138 Moran Richard J 11
Moran Jennifer L
141 Thauer Robert J 12 716-894-9168
144 Ⓝ Mallinson Randy R 716-894-1759
Mallinson Melissa 716-894-1759
145 Kitzman Kevin D 49 716-895-6516
151 Pinski Jean & Stanley 33 716-895-3152
152 Shaw Jo A 21

GARLAND AVE Cont'd
155 Nowak Stacey A 4 716-895-4179
158 Moczydlowski Anthony J Jr & Frances S 16 716-895-7753
161 Valentine Craig A 5 716-896-4962
Valentine Michele K 716-896-4962
166 Tauriello Richard W & Caroline E 15 716-893-6682
167 Macauley John R 10 716-894-1681
Macauley Stephanie 716-894-1681
168 Kmiotek Deanna M & Ronald E 15 716-891-8724
169 Kazmierczak Darren A 37 716-896-4522
Kazmierczak Bryan M 716-896-4522
174 Bores Kevin D & Diane M 15
179 Richter Susan M 15
180 - 181 No Current Listing (2 Hses)
182 Murawski Michael D Sr & Marcia A 11 716-893-5484
187 Hayday Louise E 24 716-893-4047
Hayday Lynn M 716-893-4047
188 Rohauer David W & Alice N 47 716-896-5571
193 Martin Harry J Jr & Marguerite D 24 716-892-2212
194 No Current Listing
199 Lubrano Antonio V 27 716-896-0936
Lubrano Joseph A 716-896-0936
200 Dale Michael E & Patricia A 20
205 Theal Steven J 11
206 Bielecki Alice A 37 716-893-3964
209 - 212 No Current Listing (2 Hses)
216 Godron Mary R 6 716-892-6619
217 Lang Laverne 34 716-891-1192
Lang James L 716-891-1192
221 Rustowicz David L & Therese M 25 716-894-0659
222 Bulinski Gary W Sr & Dawn M 22 716-893-3189
228 Dabek James D 20 716-895-6265
229 Kusz Ashley A & Christopher E 33 716-895-4886
Netzel Alfreda 16 716-897-7247
233 Lewandowski Henry A 47 716-892-3936
Lewandowski Raymond P 716-892-3936
234 Urbanski Irene G 21 716-894-7264
Urbanski Mark S 716-894-7264
239 Smith Donald G Jr & Joy L 19 716-895-8853
245 Rusch Rosemarie A 43 716-894-8978
246 Abbata Jeremy N & Sandra A 9 716-893-1547
248 No Current Listing
+ WILLIAM ST INTERSECTS
HOUSEHOLDS 63

GARNER AVE (BUFFALO)-FROM 295 DEWITT ST EAST
• ZIP CODE 14213 CAR-RT C009
4 Ⓝ Ortego Randolph R
8 John Tera L 8
Ⓝ Pagan Santa 716-883-0325
9 Ⓝ Olivera Hector L
10 Barling Charles 2
1 Ⓝ Pagan M I 716-885-1387
12 - 15 No Current Listing (2 Hses)
16 Bellaus Venus M 9
Bellaus Teresa
17 Frazon Mary P 11
Frazon Kristy M
18 Ⓝ Fowler Stephen
Reeves Maurice 2
20 Castro Jasmin I 4
Ⓝ Chavez Dhalma D
Gincherman Alex V 2
26 No Current Listing
27 Kelly C 7 716-881-3334
29 No Current Listing
32 Augustine Wilbur E & Jean M 14
33 Rossney David W & Lynn M 19
34 Ⓝ Johnson Ebony
Ⓝ Ramirez Sean M
35 No Current Listing
38 Silverwej Leslie H 3
39 No Current Listing
40 Dorazio Louisa F 30 716-882-5852
Dorazio Frank P 716-882-5852
42 Sero Ann F 4 716-883-8726
2 Labiosa Rose A 11
43 Brown Edith G 18 716-882-0844
45 Stevenson Diane L 23
46 Haight Eugene E 14 716-882-0528
47 Salansky William V & Mary J 44 716-885-8607

GARNER AVE Cont'd
48 Stockinger David C 3
Stockinger Jennifer M
49 No Current Listing
51 Tursunov Farokhidin 3 716-881-5493
53 Ⓝ Robinson Chai T 716-381-9440
55 No Current Listing
+ HERKIMER ST INTERSECTS
75 No Current Listing
76 Ⓝ Reeves Joseph 716-886-0863
77 Turton Donna D 13
Turton Paula M
79 Kuolarop Achai 2 716-883-0451
80 Saletta Marie R 44 716-885-3724
83 Ⓝ Burgos Mitchell
84 No Current Listing
85 Wigdor Peter 6 716-882-4570
86 No Current Listing
89 Ⓝ Nichols Raymond A
Wujek Nancy L 21 716-882-7419
90 Ⓝ Tate Chasidy G
2 Allen Latoya 10
91 Walker Jeanette S 36
92 Denning Thelma L 48
93 - 96 No Current Listing (2 Hses)
101 Hock Jerrold S & Emmy L 23
102 Oddo Mary E & Joseph P 32 716-884-4140
103 Wiesmore Molly G 49 716-883-4042
104 - 106 No Current Listing (2 Hses)
108 Ⓝ Hernandez Roberto
109 Johnson Dwight 2
Spica Deborah L 18 716-884-3190
112 Dube Gary D 33
115 No Current Listing
117 Ⓝ Lopez R 716-881-1597
118 Smith Raymond J & Angeline J 45 716-884-1615
120 Smith April R 18
Smith Raymond A
+ GRANT ST INTERSECTS
140 - 149 No Current Listing (5 Hses)
151 Hughes Robert G II & Doris 11
153 Berg Susan E 18 716-886-6383
154 No Current Listing
155 Hitchman Mary E 35 716-886-3093
158 Stout Bruce M 30
159 Meissner Kim A 17 716-886-5424
160 No Current Listing
161 Gasper Ernest S & Nancy J 32 716-883-0673
162 Ⓝ Moon Kathleen 716-881-6699
164 Crane William B 24
Crane Ednajean C
165 Ⓝ Grunthaner C 716-881-2091
Storm Kathleen 4
168 No Current Listing
169 Harding Karen P 24 716-881-3095
Harding Steven L 716-881-3095
170 - 171 No Current Listing (2 Hses)
172 Gromada Dennis T 19 716-886-6770
175 Hairston Fredrick J Jr 8
Hairston Theresa
Ⓝ Male Marc
176 Cruz Manaces 9 716-884-5358
177 Baker Thomas J 4
179 Clark K E 19 716-882-0989
Kabalan Abdulla 31 716-883-2154
180 Ⓝ Edwardson Agnes 716-883-4673
182 No Current Listing
184 Townsel Lonnie R 13 716-885-8748
+ PARKDALE AVE ENDS
HOUSEHOLDS 98

GARVEY AVE (BUFFALO)-FROM 403 HOPKINS ST EAST
• ZIP CODE 14220 CAR-RT C011
15 No Current Listing
18 Ⓝ Gorzynski Marianne
22 A RELIABLE JANITORIAL janitor serv 716-825-0645
Blaszkowiak David P & Lisa M 21 716-825-0645
27 McNerney Mark A Sr & Rosemary M 23
29 Pyjas Thomas J & Lesley A 18 716-824-4495
31 Mendez Louis C 15
Mendez Librado M
32 Bennett Mary 2
33 - 36 No Current Listing (2 Hses)
37 McMullen Kevin T & Maria C 20 716-823-2191
41 Blake John A Jr & Robin L 23 716-825-0835
42 Osborne John A 2
46 Autrino Frank F 33 716-823-0044
52 Jordan John M Jr 16 716-825-2412
55 Pierakos George M & Margaret M 24 716-824-7349

GARVEY AVE Cont'd
59 No Current Listing
62 Diaz Richard 6 716-822-5394
65 Hill Kevin L 13 716-823-7229
66 Ⓝ Brozyna Sarah
Hejmanowski Jenny 2
72 Finnegan Nancy & Thomas M 11 716-828-9978
73 Gordon Patrick A & Nancy A 32 716-823-7924
76 Ⓝ Arcara Mary A
Makowski Dolores D 45 716-824-8385
Makowski Martin A 716-824-8385
77 Hennigan Thomas J Jr & Pamela K 7 716-823-2997
80 - 83 No Current Listing (2 Hses)
84 Ⓝ Benedict Julie
Wagner William J & Mary M 23
86 Westphal Cheryl L 8 716-824-5996
87 Cian Marian J 22 716-826-2742
90 Renzi Albert J & Janet J 50 716-823-9712
91 Perkins Charles E 9
92 No Current Listing
96 Rodriguez George A Jr & Otilia M 16 716-823-2378
97 No Current Listing
+ FOLGER ST ENDS
BUSINESSES 1 HOUSEHOLDS 36

GATCHELL ST (BUFFALO)-FROM 82 PULLMAN PL NORTH
+ BROADWAY ST CONTINUES
• ZIP CODE 14212 CAR-RT C008
16 Kralisz Robert J 25
17 No Current Listing
18 Heary Catherine M 16
20 Henry Natalie L 11 716-895-0908
21 Poltowicz Frederick M 11 716-893-4596
Poltowicz Donna A 716-893-4596
22 No Current Listing
23 Colby Raymond Jr & Cynthia 21
24 Ⓝ Leatherwood Anthony
26 Ⓝ Easterday Samantha 716-893-2725
27 - 32 No Current Listing (3 Hses)
33 Ⓝ Williams Paul 716-892-0958
34 - 37 No Current Listing (2 Hses)
38 Livingston April 4
Ⓝ Mason Dale 716-896-0186
39 Ⓝ Wozniak Jason
Wozniak Shannon
40 Boczar Sandy A 27 716-893-5400
42 - 43 No Current Listing (2 Hses)
45 Wiley Deya L 5 716-892-1505
48 Sanders Gerald L 13
Sanders Rachel
49 - 50 No Current Listing (2 Hses)
52 Ⓝ Johnson Stephon 716-894-1835
53 - 54 No Current Listing (2 Hses)
55 Ⓝ Segrave Crysal
56 Ⓝ Lermineau Elizabeth Y
Lermineau Francis
59 Price William E Jr & Faith M 10 716-319-4763
61 Miller Horace L 13 716-892-3901
65 Ⓝ Tyler S 716-895-0408
68 No Current Listing
+ PULLMAN PL INTERSECTS
74 Dubois Sandra A 2 716-895-8876
76 Frazier Carol A 10
82 Tate Inez 12
Tate Cherea
83 No Current Listing
84 Niemczal Geraldine V 15
85 Glowny Richard E 38 716-895-4879
88 No Current Listing
89 Jasen Richard A & Debra A 12 716-894-3540
90 Crane Joanne C 14 716-893-6943
91 - 93 No Current Listing (2 Hses)
96 Kerruish Nancy M 13 716-897-5189
Kerruish Kevin C 716-897-5189
97 - 101 No Current Listing (2 Hses)
102 Feirabend Darlene M 14
103 - 107 No Current Listing (3 Hses)
108 Wanat Eugene J & Alice T 47 716-894-9127
110 Dragotta Anthony J 23 716-895-5812
Dragotta Nina 716-895-5812
114 Ⓝ Briggs Kimberly D
Ⓝ Rose Dino
115 Maund Ronald M Sr 11
Maund Ronald M Jr
119 Gaczewski Eleonore 37 716-892-2011
120 No Current Listing
121 Cholewka Frank S & Cynthia L 36
122 Minor Shirley 5 716-783-9604
125 Ⓝ Johnson M 716-381-9956
Johnson Angel R 716-381-9956
126 Nickerson Madeline K 12
Nickerson Kathleen M
128 Ⓝ Rine Patrick

STREET GUIDE

Get Mailing Lists, Sales Leads, and Business Credit Reports on-line and other Polk City Directories @ www.citydirectory.com

GANSON ST 2001

FRONTENAC AVE (B)

Markowitz Bryan..... 834-4604
74-75 Not Verified (2 Hses)
78 Lonzi Ralph..... 839-6411
79 Larsen Thomas E & Roberta [D]+ ♠ 836-4142
80 Bahn Beatrice [D] ♠
81 Heavey Bernard J & Donna [D]+ ♠ 836-3615
83 Opera John M [D]+ ♠..... 836-8037
Opera Phyllis S..... 836-8037
84 (M) Moncher Jeffrey..... 833-7895
87 Fox Jonathan L & Jean [D]+ ♠ 833-4775
88 Campanella Peter [D]+ ♠... 833-2431
Campanella Anna..... 833-2431
92 Kilian Susan [D]+ ♠..... 838-2351
Kilian Veronica L..... 838-2351
+TACOMA AVE INTERSECTS
101 Biggie Catie [2]..... 833-9271
Delehanty David [2]..... 833-9271
(M) Dickinson Jennifer L. 833-9271
Schoenfeld Tom [2]..... 833-9271
108 Jones Rev Thomas H & Wendy [6] 838-9135
109 Csapo Tibor L & Maria [D]+ ♠ 837-7496
113 Herrera Marisville [D]+ ♠..
115 Sciabarrasi Frank A [D]+ ♠ 836-2057
116 (N) Nowak Jason A..... 837-9692
119 Not Verified
120 Deely Michael K [4] ♠..... 832-9314
123 Sammarco Joseph P & Marie [D]+ ♠ 835-9438
124 (M) Pomerantz David J..... 833-1554
127 Not Verified
128 Olson Mary E [D]+ ♠..... 837-5918
129 Lazzaro Vincent A [D]+ ♠ 838-2154
Lazzaro Pamela A..... 838-2154
130 McNamara Aileen M [D]+ ♠
133 Nemeth Jane [D]+ ♠
134 Cohen Daniel L [D]+ ♠
137 (M) Parisi Joseph J..... 838-2877
138 Acosta Miguel [3] ♠
141 (N) Rutstein Alvin..... 838-2978
142 Not Verified
143 (M) De Rade George A..... 838-1347
146 Leone Rosita M [D]+ ♠... 832-6730
147 Pizzuto Joseph S [D]+ ♠ 835-6112
Pizzuto Andrea..... 835-6112
150 Abeles Daniel S [D]+ ♠..
151 (N) Kirisits B..... 834-8852
152 Tronolone John M & Jennifer [D]+ ♠ 838-2053
155 (M) Lacorte Anthony S Jr.... 838-4181
1 Lacorte Catherine A [6] ♠
156 ASSOCIATES FOR EDUCATION OF YOUNG CHILDREN computer software sys..... 833-6710
Nicholson Carol M [D]+ ♠ 833-6710
Nicholson Walter..... 833-6710
157 Capizzi Irene [D]+ ♠..... 837-7326
160 (M) Bevilacqua Samuel..... 837-4849
161 Capitano Angela [D]+ ♠.. 836-4916
164 Logal Jacqueline A [D]+ ♠ 832-6312
Logal Kathleen M..... 832-6312
168 (M) Romano Peter J..... 835-9159
+NORTH DR INTERSECTS
BUSINESSES 1 HOUSEHOLDS 89

FUHRMANN BLVD (BUFFALO)-
· ZIP CODE 14203 CAR-RT C003

1 COAST GUARD EXCHANGE 856-8134
U S COAST GUARD UNIT COMMAND COAST GRD GR-BUFFALO 843-9528
U S COAST GUARD UNITS COMMANDS-STATION 745-3327
7 (M) Hendrickson David P
32 GANCO marinas..... 849-0740
G B A CONSTRUCTION new home constn 842-0606
233 AMERICAN ROCK SALT COMPANY salt edible..... 855-2435
284 R C R YACHTS marine sup 856-6314
325 PIER INCORPORATED THE eating places..... 842-0320
PIER THE eating places 853-4000
400 Not Verified
608 FOUNDERS SUPPLIES mach tools'mtlwking ma..... 856-7930
625 ALLEN SAIL COMPANY canvas'related prodts... 842-0113
655 ALLEN BOAT COMPANY sailboats bldg'repr 842-0800
901 BUFFALO COMMUNITY BOATING CENTER..... 849-1174
EURO UNITED furn stores 853-6636
GREAT LAKES ASSOCIATES stevedoring 852-3850
NATIONAL MINERALS NIAGARA FRONTIER TRANSPORTATION AUTHORITY 852-1921
NIAGARA SHIFTING.... 852-8871
PORT OF BUFFALO NFTA 855-7411
975 FREEZER QUEEN FOODS dinners frozen..... 826-2500
1016 BUFFALO RIVER IMPROVEMENT water sup..... 826-1112
1111 C J D & ASSOCIATE... 823-6341
NIAGARA FRONTIER TRANSPORTATION AUTHORITY trucking 828-0027
OLSON BROTHERS MARINE boat repr 821-0001
POINT BREEZE DIVE SHOP 822-4599
SLIP AWEIGH contract food serv 825-4882

FUHRMANN BLVD (B)

SUNDANCE MARINE SERVICES 824-8776
WINDWARD MARINE YACHT SALES 823-7769
WORMS N THINGS sporting gds & bicycle 824-8239
1200 BUFFALO SOCIETY OF NATURAL SCIENCES museum 825-6397
TIFFT NATURE PRESERVE botanical gdns ... 825-6397
1515 SOUTH END MARINA.. 825-0333
1581 BOUQUARD'S BOAT LIVERY 826-6189
1751 CIMENT ST-LAURENT cement 825-4110
+RAILROAD CROSSES
BUSINESSES 34 HOUSEHOLDS 2

FULTON ST (BUFFALO)-FROM 94 MICHIGAN AVE EAST
+W MARKET ST INTERSECTS
· ZIP CODE 14204 CAR-RT C018

32 Perrine William S [2]..... 822-1394
37 BUFFALO CROWN VENDING food vending machs 854-2911
+RAILROAD CROSSES
+MARVIN ST INTERSECTS
78 Sierant Albert J & Roberta [D]+ ♠
79 Wright Nathan Jr [3]
2 Not Verified
+CHICAGO ST INTERSECTS
119 Dejesus Dominga [2]..... 842-6553
Malone R [2]..... 855-3049
119 c Malone Rosemary [3]
124 Allison Mildred [2]..... 856-3795
Alston Bernice [2]..... 847-1897
124 Not Verified
Byrd P [2]..... 855-3121
Cruz E [2]..... 854-5022
Dietz Shane C [6]..... 845-6705
Fields Willie [2]..... 855-1974
Foster S [2]..... 842-6905
Guzman Alfredo [2]..... 854-1339
Jarvis Robert [2]..... 856-0408
Lowery Ola M [2]..... 855-2110
Marsh Leslie L [2]..... 856-0871
Mayes Elizabeth [2]..... 854-8275
Mc Carley Rosa L [2].. 856-1187
Mc Nair Lee [2]..... 856-3915
McDowell Jimmie [2]..... 856-4547
Mendez R [2]..... 856-0226
Montanez Bonifacio [2]. 854-6112
Morales J [2]..... 856-5215
Oliver Mary L [2]..... 856-9483
Perry James [2]..... 855-1271
Ramos M [2]..... 854-8271
Rice E E [2]..... 852-6505
Robertson Rosielee [2]. 842-1452
Root Eva M [2]..... 854-7710
Stevens Lucy [2]..... 855-2782
Turner Will [2]..... 856-8897
2B-2E Not Verified (3 Apts)
3C Roberts Rosielee [D]+ 842-1452
3C Roberts Delmous... 842-1452
3H-4B Not Verified (2 Apts)
4C Smith Willie E [5]
4H Plummer Loretha [D] 852-8240
5B Whitsett Josephine C [5]
5E-6B Not Verified (2 Apts)
6G Cruz Monica [3]..... 875-0830
6H Gonzalez Aleja [3].. 853-6278
6H Gonzalez Tomas R 853-6278
9B-8D Not Verified (3 Apts)
125 Buster Morrell [2]..... 856-5833
Dixon S [2]..... 842-6684
Hernandez E [2]..... 852-8892
Jackson Vena [2]..... 854-0670
Metts S [2]..... 852-4862
125 c Not Verified
129 A Hough Shirley A [D]+... 855-3670
A Hough Leroy D..... 855-3670
129 d Not Verified
145 Hayward John K [7]
Kidd Cynthia [2]..... 854-5489
Rivera Ana [2]..... 845-0132
150-175 Not Verified (2 Hses)
+LOUISIANA ST INTERSECTS
220 Not Verified
220 FULTON ALTERNATIVE HIGH SCHOOL pub sr high sch 851-3646
SCHOOLS BUFFALO PUBLIC SCNDRY & SPL SCHS BUFFALO 851-3737
+HAYWARD ST INTERSECTS
232 Rosado Jose M [7]..... 856-5429
234-238 Not Verified (2 Hses)
242 246 3-4 Not Verified (3 Apts)
248 Not Verified
252 (N) Alway Chante..... 853-6099
260-266 Not Verified (2 Hses)
268 6 Not Verified
280 Not Verified
+ALABAMA ST INTERSECTS
295 2 Not Verified
300 Not Verified
303 Cancel Carmen [2]..... 854-4685
(N) Fadel Riydah A
Lopez L [2]..... 855-0002
304 1 Not Verified
306 Corlijo Juan [2]..... 853-1577
308 Prichett D [2]..... 853-9133
310 Carter Yalikka [2]..... 847-0616
312 1-2 Not Verified (2 Apts)
314 Bergstrom Cynthia [2]..... 853-0105
Grant Roberta [2]..... 852-2103
1 Not Verified
315 1 Moore Jerry [8] ♠
317 Not Verified
321 Hernandez Raphael A [7] ♠ 854-8923
Marrero Jenny [2]..... 854-1227
A2 Not Verified
322 Not Verified

FULTON ST (B)

323 Sims Tobias [D]+ ♠
326 1 Not Verified
327 Perez Juan M [3]..... 853-1947
1 (M) Torres Maria A
329 Morales Wilfredo [D]+ ♠
2 Not Verified
330-332 Not Verified (2 Hses)
336 BETHEL HEAD START PROGRAM PERRY CENTER child day care serv 878-0229
340 4 Not Verified
342 McLaurin Vincent [2]..... 852-2072
345 Dingeldey Rosemary [D]+ ♠ 853-2332
347 (N) Lopez Ana..... 856-4725
+HAMBURG ST INTERSECTS
· ZIP CODE 14210 CAR-RT C018
359 Negroni Santiago A [7] ♠
Negroni Nilda A
368 Not Verified
372 (N) Covell John W..... 854-7613
373 Padilla Angela [3]
374 Caldarelli Dorothy [6] ♠
Caldarelli Ronald R
1 Not Verified
380 Thornton Tina M [4]..... 847-1075
387 Sadler Thomas R [5] ♠..
Sadler Susan E..... 847-6495
390 Odierno Anthony J [D]+... 854-2574
392 Colon Santos A [3]
+RED JACKET ST INTERSECTS
402 Gress Donna L [7]..... 842-1383
Gress Eric P..... 842-1383
403 Cook Mary L [D]+ ♠..... 852-3308
406 Block Madonna M [6] ♠
Block Kelly A
407 Emblidge Daniel R II [5].. 856-2036
Emblidge Robin E..... 856-2036
408 (N) Kozodw R M..... 847-6098
409 Haskell Velma [D]+ ♠..... 854-4085
410 Not Verified
412 (N) Black Susan..... 842-0494
414 Black Gerald E [7] ♠
Black Susan M
415 Bryant Shirley [3]..... 856-6277
417 Froeschl Christine T [6] ♠
419 Frost Cathy M [D]+ ♠..... 847-2496
420 Frost Robert V [5]..... 849-7254
Frost Gordon R..... 849-7254
426 Ellement Carl J [D]+ ♠... 852-6371
Ellement Mildred M..... 852-6371
+VAN RENSSELAER ST INTERSECTS
· ZIP CODE 14210 CAR-RT C017
528 Kurek Annette [D]+
530 Sabadasz Robert S [D]+ ♠ 824-8538
Sabadasz Helen..... 824-8538
532 Feidt John M & Nancy [D]+ ♠ 822-7826
534 Not Verified
536 Smyntek Michael R [8] ♠ 822-1062
544 Burke Annette D [D]+
Burke Rae A
Pietraszewski J [2]..... 823-6638
548-550 Not Verified (2 Hses)
560 BERGMANN AND ASSOCIATE civil engrg..... 823-6891
+RAILROAD CROSSES
571 Frankowski Robert J & Robin [D]+ ♠
573 Martinez Fernando [D]+ ♠
Martinez Anna M
575 Wozniak Jim [4]..... 827-0624
Wozniak Lottie M..... 827-0624
577 Halady Walter J [D]+ ♠.. 823-0446
581 Ernest Tracey L [D]+..... 824-1470
Ernest Michael J..... 824-1470
584 Deschamps Sharon M [D]+ ♠ 824-2490
Deschamps Kelly S..... 824-2490
589 Courtney June M [D]+ ♠ 822-7256
Courtney Rhonda L..... 822-7256
591 Wertz Rebecca R [3]..... 825-5045
595 Jasin Dennis W [8] ♠..... 826-8520
597 Olivieri Clelia S [D]+ ♠... 824-8482
1 Not Verified
599 (N) Toy Michelle..... 825-2884
601 Kowalski Henry M [2]..... 825-5840
Kurzanski Kiersten A [D]+ ♠ 824-7011
KURZANSKI BISHOP FOOD KING gro store 824-7011
KURZANSKI EDW A GROCRS & MTS grocery stores 826-1496
602 Deschamps Sharon [2].... 824-1935
604 Deschamps Randy J [D]+ ♠ 826-1119
Deschamps Joshua A... 826-1119
605 Apotosky Wayne R [6] ♠ 822-1911
Apotosky Henry..... 822-1911
Lytle Brenda [2]..... 822-1911
W A ELECTRIC..... 828-9077
W A ENTERPRISES new home constn 828-9971
A3 Not Verified
606 Benzo Harold A [D]+
Benzo Michelle L
Deschamps M [2]..... 822-4053
2 Not Verified
7 Deschamps-Benzo Michelle L [D]+ ♠ 824-1935
7 Deschamps-Benzo Sharon M 824-1935
607 Manuella James C [2]..... 823-7484
(N) Ross James J..... 823-4498
608 Cyman Melissa M [5]..... 826-1539
Locke Raymond W [2].. 824-5995
610 Becker Mark J & Sharon [D]+ ♠ (N) Zimmerman K
611 Papaj Eugene D [D]+ ♠.. 822-2047
612 Kasprzak Gail A [D]+ ♠.. 825-2562
Kasprzak Albert A..... 825-2562
613 Root David L [D]+ ♠..... 823-3179
614 (M) Smardz Stanley A..... 824-0397
617 Smardz Nancy A [D]+ ♠
Smardz Amy L
619 Kotowski Bryon P [3] ♠.. 821-1209
Kotowski Jacquelyn..... 821-1209
621 Bialy Genevieve B [D]+ ♠ 823-6508

FULTON ST

623 Snyder Jason J [8] ♠
624 Duntley Charles S [8] ♠
Duntley Kathleen
Martinek Tina [2]..... 827-7621
A1 Not Verified
625 Brill Ronald F & Marcia [D]+ ♠ 824-8963
Wasielewski T M [2]..... 822-5839
627 Kross Nicole [2]..... 824-6126
Orlowski Eric J [3]
628 Frost Thomas C [6]..... 826-5944
632 (M) Locke Raymond W..... 825-3829
635 Blowers Edward [2]..... 828-0803
640 (M) Stoll T C..... 823-1419
641 Zwawa Barbara R [D]+ ♠
642 Papaj Colleen M [3] ♠.... 826-5345
645 Kuminski Gregory M [2] ♠ 824-0460
Kuminski Rosemarie M 824-0460
649 Vollor P [3]..... 826-0422
650 Locke Scott M [3]..... 827-1954
Locke Nicole 827-1954
651 Richards Patrick J Sr & Donna [D]+ ♠ 825-2423
652 Bobro Valerie M [D]+ ♠.. 825-2423
653 Kotowski Sandra L [D]+ ♠ 826-1652
Kotowski Chester P 826-1652
654 Dressler Wayne A [4]
Dressler Thomas M Jr
655 (M) Dotegowski Marylou
658 Dolan Thomas L [D]+ ♠.. 825-1038
Dolan Cheri A..... 825-1038
660 Choma Petro [D]+ ♠..... 825-4753
Choma Gregory B..... 825-4753
664 Borsa Arthur A [D]+ ♠.... 825-2811
Borsa Helen P..... 825-2811
665 (M) Flis Mary T
Furl R [2]..... 827-8927
Veith Tom [2]..... 828-0935
667 (M) Pasniak Joseph E..... 825-5010
669 Sibley Kevin [3]..... 828-1316
Sibley Carolyn A..... 828-1316
670 Keller Christina A [3]
671 Wrest Patricia N [D]+ ♠.. 826-1676
Wrest Eugene F..... 826-1676
673 Martinez Sherri J..... 826-0798
Oliver Patricia A [D]+ ♠ 823-3648
Oliver Daryl V..... 823-3648
674 Glica Martin [D]+ ♠..... 822-6240
Glica Arlene L..... 822-6240
675 Slattery Joan M [D]+ ♠... 824-2467
Slattery James F..... 824-2467
676 Skinner Dennis R [3]..... 824-8850
677 (M) Clark Dawn M..... 827-1027
(N) Sullivan Harold C
A1 Not Verified
678 Sweat P A [3]..... 825-6230
680 Scott Vivian M [D]+ ♠..... 825-0549
682 Krzos Lee E [D]+ ♠..... 822-2531
Pawlak Edmund A [2].. 824-3273
684 Molczan John J [D]+ ♠... 825-0517
Zeller M [2]..... 825-3564
688 Renkas Helen A [D]+ ♠.. 825-4238
692 Not Verified
+SMITH ST INTERSECTS
BUSINESSES 9 HOUSEHOLDS 225

FURLONG RD (BUFFALO)-FROM 155 SOUTHGATE RD NORTH
· ZIP CODE 14215 CAR-RT C034

11 Brown Roger N [D]+ ♠
Brown Erika N
14 Boyd Rochelle D [D]+ ♠
Boyd Curtis M
17 Gramza John T [3]..... 833-4202
18 Runfola Richard A & Lisa [D]+ ♠ 835-6584
23 Gulisano Philip M [D]+ ♠
24 (M) Vandetta Anthony N..... 838-2485
27 (M) Groden Linus J..... 836-0897
28 Kreppel Joseph P & Natalie [D]+ ♠ 836-1263
33 Schwab Geraldine K [D]+ ♠ 835-0139
34 (M) Albenasi Darleen M..... 834-5697
37 Homenda Metro [D]+ ♠..... 835-3308
38 Not Verified
+MEAFORD RD INTERSECTS
HOUSEHOLDS 12

GAIL AVE (BUFFALO)-FROM 6 KAY ST EAST
· ZIP CODE 14215 CAR-RT C015

3 Evans Betty J [D]+ ♠
4 Ventresca Diane [D]+ ♠..... 834-9287
Ventresca Joseph T..... 834-9287
7 Cooper John A [D]+ ♠
8 McKinley Gerald Jr [D]+ ♠
11 Not Verified
12 Wisniewski Marilyn C [D]+ ♠ 833-0813
Wisniewski Paul..... 833-0813
15 White Clara M [3]..... 832-0024
16 Pugh Ronald W [D]+ ♠
19 Robinson-Battel Joseph A [D]+ ♠
20 (M) Kucharski Agnes..... 835-3077
23 (M) Beckwith Jethel..... 832-7453
24 Delphard Sally J [D]+ ♠.... 832-4010
Delphard Karen A..... 832-4010
28 Engler Albert J [D]+ ♠..... 833-6149
29 Boykin Margaret [3] ♠.. 832-8521
32 Koeppel John J [D]+ ♠..... 834-4069
Koeppel Faith A..... 834-4069
33 Smith Doris [6] ♠
Smith Priscilla A
36 Johnson Sam N Jr & Barbara [D]+ ♠ 833-5875
37 Callahan Sarah F [D]+ ♠.. 836-5715
Callahan Charles W..... 836-6715
42 Ramsey Annie [6] ♠
Ramsey Samuel M Jr
43-46 Not Verified (2 Hses)
47 (M) Mc Gee Louis..... 835-7507
50 Wideman Cheryl R [D]+ ♠
Wideman William L
56 COALITION OF 100 BLACK WOMEN social assns..... 832-1834

GAIL AVE (B)

Shaw Barbara A [D]+ ♠ 832-1834
57-60 Not Verified (2 Hses)
61 Wilbon Artee & Mary [D]+ ♠ 833-4569
64 Not Verified
67 Hill Frederick D [D]+ ♠..... 834-5425
Hill Johnnie M..... 834-5425
70 Norman Cleola R [2]..... 803-1396
74 Medlin Volitia C [D]+ ♠.... 838-9082
+EGGERT RD INTERSECTS
BUSINESSES 1 HOUSEHOLDS 31

GALLOWAY ST (BUFFALO)-FROM 154 BUFFUM ST SOUTHEAST
· ZIP CODE 14210 CAR-RT C014

110 (M) Cuddihy L..... 822-3748
15 Sherry John M [D]+ ♠..... 824-3349
Sherry Helen H..... 824-3349
25 Furmanek Marian [D]+
27 Battaglia John A [D]+..... 822-6121
Czekaj Stephen R [D]+
Renner Kathie M [D]+
Renner Ted
29 Coles Dorothy R [D]+ ♠
Johnson G [2]..... 823-6069
+INDIAN CHURCH RD INTERSECTS
HOUSEHOLDS 8

GALVESTON PL (BUFFALO)-FROM 789 JEFFERSON AVE NORTHEAST

GANSON ST (BUFFALO)-FROM 599 OHIO ST NORTHWEST
+W GENESEE ST BEGINS
· ZIP CODE 14203 CAR-RT C003

20 Not Verified
+E HURON ST INTERSECTS
+WASHINGTON ST INTERSECTS
+ELLICOTT ST INTERSECTS
+E CHIPPEWA ST ENDS
145 BURNETT GEORGE W local trucking 856-8300
157 ROY TRACK COMPANY heavy constn..... 856-4150
+N OAK ST BEGINS
+OAK ST ENDS
191 SAFWAY STEEL PRODUCTS scaffolding..... 856-5959
+ELM ST INTERSECTS
201 BEAR DEVELOPMENT COMPANY land subdividers'dev c.. 852-2345
GREAT LAKES TRUCK SALVAGE truck equip parts 684-9922
INTEGRATED WASTE SERVICES refuse sys 852-2345
+GENESEE ST BEGINS
+MICHIGAN AVE INTERSECTS
250 A D M MILLING COMPANY flour mills 849-7333
ARCHER DANIELS MIDLAND COMPANY flour mills 849-7333
323 A PLUS PRESSURE WASH carwashes..... 847-6300
ROSE INDUSTRIAL SERVICES 774-8692
TRUCK SERVICES OF HAMBURG truck wash 775-0111
327 G L F BOAT STORAGE genl warehousing..... 856-8450
333 HIGH TREAD TIRE tiresTubes 847-0422
INTEGRATED TIRE auto tires 847-8473
ONTARIO SPECIALTY CONTRACTING bldg demolition 856-3333
RUBBER DERIVED PRODUCTS recycling waste mat 771-0434
WILLIAMS DEVELOPMENT OF CONNECTICUT . 842-1650
WILLIAMS GROUP prefab hse erection 852-4762
WILLIAMS SPECIALITY STEEL busn consit 852-4762
389 BLUE CIRCLE CEMENT cement 854-1222
+S MICHIGAN AVE INTERSECTS
BUSINESSES 20 HOUSEHOLDS 1

GARDEN ALY (BUFFALO)-FROM 361 CAROLINA ST NORTHWEST
· ZIP CODE 14201 CAR-RT C023

60 Feliciano Lisa I
+VIRGINIA ST INTERSECTS
HOUSEHOLDS 1

GARLAND AVE (BUFFALO)-FROM 315 PARKER AVE
· ZIP CODE 14206 CAR-RT C001

34 Krans Timothy J [6] ♠
40 (N) Pajak John S..... 894-7537
43 (M) Dustin D L..... 896-3878
46 Bawor Chester & Laura [D]+ ♠ 896-6489
51 McNary Felicia C [D]+..... 892-9273
McNary Lynnette P..... 892-9273
56 Jozwiak Mark & Nancy [8] ♠
59 Not Verified
62 Bicherl Jessica F & John [D]+ ♠ 892-3962
65 (M) Wroblewski Felix..... 892-0026
68 Kasprowicz Joseph [D]+ ♠ 895-6730
71 Not Verified
72 Darmstedter Zygmunt J & Zygie [D]+ ♠..... 893-7981
75 Schwartz Virginia G [D]+ ♠ 897-2401
79 (M) Olejniczak Mark..... 894-6994
80 Ziolkowski Jennifer L [D]+ ♠ 893-0735
117 (M) Rutkowski L M..... 894-4343

GANSON ST 1998

GABRIELLE DR
1 Gabryszak Teresa A [3] ⌂ 674-9196
82 Potter Edward C & Dolores [2]+ ⌂ 674-8890
83 Schwab James A [2]+ ⌂ 674-8986
87 Leuer Charles R [2]+ ⌂ 674-5130
90 Gambino Dominic P [2]+ ⌂ 675-6728
91 Bailey John A Jr & Laura [2] 675-1431
94 Fahey Michael R & Renee [2]+ ⌂ 675-4714
99 Wolfers Lauretta V [2]+ ⌂ 675-1864
+SAINT JOAN LN INTERSECTS
BUSINESSES 1 HOUSEHOLDS 31

GABY LN (BUFFALO)-FROM 48 YVETTE DR EAST
· ZIP CODE 14227 CAR-RT C011
6 Burlow Charles F [2]+ ⌂ 675-0760
10 Malinowski Mary A [2]+ ⌂ 675-1003
14 Bernhard Kurt R [7] ⌂ 675-2423
15 Unger Mark D [2]+ ⌂ 675-3256
16Ⓓ Chudoba Daniel 674-8748
16Ⓓ Canhart R 675-8561
Paradowski Alan R [2] 674-7263
+FRANCINE LN BEGINS
21 NELSON MASONRY msnry other
stnwrk 675-7488
Ⓢ Smierciak William 674-2776
22 Greiner Hartwell W [3] ⌂ 675-8446
Simone Karen J [2]+ 674-6105
25 Dus Alan A [2]+ 675-5819
26 Dukat Dorothy M [2]+ ⌂ 674-2535
2 Wilcox Diane M [2]+ 677-4506
30 Newman D [2]+ ⌂ 674-6195
+GABRIELLE DR INTERSECTS
BUSINESSES 1 HOUSEHOLDS 14

GAIL AVE (BUFFALO)-FROM 32 KAY ST EAST
· ZIP CODE 14215 CAR-RT C015
4 Ventresca Joseph T Sr [2]+ ⌂ 834-9267
11Ⓓ Davis R A 837-1312
12 Wisniewski Paul [2]+ ⌂ 833-0813
20Ⓓ Kucharski Henry 835-3077
24 Delphard Sally J [2]+ ⌂ 832-4010
28 Engler Albert J [2]+ ⌂ 833-6149
32 Koeppel Alan J & Faith [2]+ ⌂ 834-4069
36 Johnson Sam N Jr & Barbara [2]+ ⌂ 833-5875
37 Callahan Grant R & Sarah [2]+ ⌂ 836-6715
42 Ramsey Samuel M III [2]+ ⌂ 834-0347
43 Ivy Richard D Jr & Barbara [2]+ ⌂ 837-7494
47 McGee Louis E [2]+ ⌂ 835-7507
56 COALITION OF 100 BLACK WOMEN civic social assns 832-1834
Shaw Barbara A [2]+ ⌂ .. 832-1834
57 Bable Milton F Sr & Edythe [2]+ ⌂ 837-7268
61 Wilbon Artee & Mary [2]+ ⌂ 833-4569
64 Schadel Olga C [2]+ ⌂ 837-1421
67 Hill Frederick D [2]+ ⌂ 834-5425
74 Medlin Velitia C [2] ⌂ 838-9082
+EGGERT RD INTERSECTS
BUSINESSES 1 HOUSEHOLDS 18

GALLATIN AVE (BUFFALO)-FROM 244 ONTARIO ST SOUTHEAST
· ZIP CODE 14207 CAR-RT C004
12Ⓓ Oddo Barbara 874-4665
Ⓢ Szewczyk Edward J 873-0249
13Ⓓ Michael Patrick 871-9407
14 Maracle Russell H [2]+ ⌂ 874-0637
15 Steinhauser Dennis J [3] ⌂ 876-7893
19Ⓓ Surman June 877-7844
21 Bykowicz Jay C [2] ⌂ 874-9851
22 Perrelick Vincent A [2]+ ⌂ 877-4298
25 Cerny Marybeth M [2]+ ⌂ 877-1611
26Ⓓ Black Thomas A 877-0243
31 Purucker Richard R & Linda [2]+ ⌂ 876-8235
33 Keating Michael T & Barbara [2] ⌂ 876-6739
34 Farner Jeanine M [2] 871-3447
37Ⓓ Hulsing Mark 874-5958
38 Kijanka Kenneth [2]+ ⌂ 876-3868
39Ⓓ Britt L R 876-0039
Ⓟ Palmateer A G 873-9538
40 Oehler Sharon A [3] ⌂ 876-4909
43 Grieco Thomas A Sr [2]+ ⌂ 873-5521
44 Kozel Michael J [7] ⌂ 873-4066
47 Rohrback Roberta J Sr [2]+ ⌂ 877-6892
48 Smith William G [2]+ ⌂ 876-5833
49 Keifman William V & Lynda [2]+ ⌂ 877-8963
50 Albert Howard C Jr [3] ⌂ 877-4530
51Ⓓ Andrzejewski Sandra 876-6090
52 Ressman Arthur C [2]+ ⌂ 876-9911
53 Gajski Leo S [2]+ ⌂ 876-7645
Ⓓ Oday Eliz D 876-7645
55 Fudella William S [2]+ ⌂ 876-2355
56 Yager John [2]+ ⌂ 877-3671
58Ⓓ Dietrich John 877-4471
61 Easton Margaret L [2]+ 876-3898
Ⓓ Gajski M 873-4830
73Ⓓ Banks Bryant 875-1767
75 Christopher Anthony J [3] ⌂ 874-2945
77Ⓓ Beard Mary 876-0804
78 Cosme Juan C [4] ⌂ 447-1040
79 Tumidolsky Stanley W [2]+ ⌂ 873-5190
81Ⓓ Frohnheiser E 875-7467
82 Marlett John E & Carol [2]+ ⌂ 873-7762
85 Tripi Samuel Jr [2]+ ⌂ 873-9280
88 Shenk Robert D [2]+ ⌂ 874-5346
92 Metlak Lisa [2] 877-7380
95 Vanalstine Cathleen M [7] ⌂ 873-4394
96 Culhane Gerald J [2]+ ⌂ 875-1344
97Ⓓ Luxenburg S 876-4365
98 Gore Dennis C [2]+ ⌂ 877-0883
100 Schifano Angela B [2]+ ⌂ 873-1930
103Ⓓ Star Jessone 876-0357
104 Freier Robin S [2]+ 874-1905
107Ⓓ Bruce William 875-5616
112 Kulda Michael F [2]+ ⌂ 875-6471
+HUNT AVE INTERSECTS
+PROGRESSIVE AVE INTERSECTS

GALLATIN AVE
HOUSEHOLDS 52

GALLERIA DR (BUFFALO)-FROM 1767 WALDEN AVE NORTHEAST
· ZIP CODE 14225 CAR-RT C041
1 PIERCING PAGODA jewelry stores 684-0420
+ANDERSON RD ENDS
3 PENNEY J C COMPANY department stores 681-5100
120 WESCO elec apparatus equip 684-7300
125 U S P S CHEEKTOWAGA BRANCH govt ofc 668-3425
211 21 OVERLAND TRADING COMPANY shoe stores 684-9160
+UNION RD INTERSECTS
BUSINESSES 5

GALLOWAY ST (BUFFALO)-FROM 79 BUFFUM ST SOUTHEAST
· ZIP CODE 14210 CAR-RT C014
11 Cuddihy Lisa A [4] 822-3748
15 Sherry John M [2]+ ⌂ 824-3349
27 Battaglia John A [3] 822-6121
Ⓓ Lang C J 823-8260
29 Rutkowski John F [2]+ ⌂ 823-6757
+INDIAN CHURCH RD INTERSECTS
HOUSEHOLDS 5

GANSON ST (BUFFALO)-FROM 2 CHILDS ST NORTHWEST
+OHIO ST INTERSECTS
· ZIP CODE 14203 CAR-RT C003
145 BURNETT GEORGE W lcl trckg 856-8300
157 ROY TRACK COMPANY heavy constr 856-4150
201 INTEGRATED WASTE SERVICES refuse systems 852-2345
250 ADM MILLINGCO flr grn mill prdct 849-7333
323 ROSES PRESSURE WASH carwashes 847-6300
327 GLF BOAT STORAGE marinas 856-8450
333 CROWN WHOLESALE LUMBER lumbr plywd millw 842-0135
HIGH TREAD TIRE tires & tubes 847-0422
ONTARIO SPECIALTY CONTRACTING wrecking demoltn 856-3333
389 ST MARYS CEMENT COMPANY INC NEW YORK brck stn rltd mtr 854-1222
+S MICHIGAN AVE INTERSECTS
BUSINESSES 10

GARDEN ALY (BUFFALO)-FROM 357 CAROLINA ST NORTHWEST
· ZIP CODE 14201 CAR-RT C023
6Ⓢ Soto Evelyn 847-8670
+VIRGINIA ST INTERSECTS
HOUSEHOLDS 1

GARDEN RD (BUFFALO)-FROM 935 BEACH RD EAST
· ZIP CODE 14225 CAR-RT C045
1Ⓓ Maldonadoa C 632-9246
Roetzer Linda R [4]+ ⌂ 633-8696
+BINNER RD ENDS
2 Cichon Frances V [2]+ ⌂ 633-1938
9Ⓓ Chirico Anthony 626-5253
Ⓚ Kaska J T 634-0451
10 Lichner David J & Clara [2]+ ⌂ 634-0241
Ⓦ Wagner M L 633-8934
13 B K PROFESSIONAL SERVICES tax svcs 626-0492
Ⓓ Niegsch Elizabeth A 626-0492
Quigley Kenneth J & Elizabeth [2]+ ⌂ 626-0492
17 Nicholson Mildred E [3] 632-7351
20 Williams Lucinda J [5] 631-0268
21 McElroy Ralph E & Bertha [2]+ ⌂ 834-0536
McDonough Wilma D [2] .. 632-0048
24 Brown Dorothy J [2]+ ⌂ 626-5199
Matecki Timothy R [4] 631-0911
25 McElroy James K [2]+ ⌂ 634-0864
Ⓦ Walker P 633-8466
29 Drews Brandon M [2]+ ⌂ 633-9692
DREWS ELECTRIC elec work 633-9692
30Ⓓ Breidenstein Paul C ⌂ 634-5709
Ⓓ Danni Todd P 634-2954
33 Pawinski Thomas M [7] 634-7266
Slawinski Tracey M [2] 633-5009
34 Larusso Salvatore J [2]+ ⌂ .. 634-3466
39 Hudson Martin [2]+ ⌂ 634-1385
McDonough Wilma D [2] .. 632-0048
40Ⓓ Marchese Michael A 633-7342
Ⓓ Snyder Herbert F 632-2553
2 Reinhardt Albert J [3] 626-9988
41 Gibb Evelyn M [3]+ 634-6405
Munger Milton G Jr [2]+ ⌂ 626-0751
44 Ball Robert W & Mary [2]+ ⌂ 633-9730
Harnigh Kathleen A [7] 626-1067
50 Lockhart John W Jr & Cheryl [2]+ ⌂ 626-0621
54 Parks Scott W & Elizabeth [3] ⌂ 633-9378
60 Field Arthur [3] 565-1300
+MATTHEW LN ENDS
63Ⓓ Ryan D 631-8852
1 Young Anna M [3] ⌂ .. 632-2785
2 Mitchell Victoria A [3] .. 633-6208
64 Malczewski Henry F & Donna [2]+ ⌂ 631-9458
67Ⓓ Doolittle Shelly R 565-0104
Ⓚ Krakowiak Amy J 633-9835
Ⓜ Mitchell Scott 632-2636
2 Wesp Gertrude M [3] .. 634-0679
70 DAISY FRESH SERVICES crpt upholstry clng 632-5040
71Ⓓ Randerese Rashida 633-9155
Ⓢ Silva Phaelon K 632-0397

GARDEN RD
3 Malczewski Gertrude A [2]+ 632-4294
74 Touralchuk Leo E [2]+ ⌂ 633-6815
75Ⓓ Apfel Lisa S 626-9309
Bliven Stephen P [5] 631-7539
Ⓢ Sperle P 634-6072
BUSINESSES 3 HOUSEHOLDS 49

GARDEN VILLAGE DR (BUFFALO)-FROM 164 FRENCH RD SOUTH
· ZIP CODE 14227 CAR-RT C025
15Ⓓ Kramer G 668-8365
Ⓦ Webber E J 656-8684
3 Kotwicki Chester F & Lorraine [5] 656-8620
8Ⓓ Dota Edward J 668-9593
Ⓐ Dipirro A 668-9048
15 A 1A Brignone Samuel L [2]+ 668-9137
16 AVCO FINANCIAL SERVICES prsnl crdt instutns 668-2811
20Ⓓ Keller Richard 668-2632
Reichard William E [2]+ .. 668-6475
3 Phillips Maryann A [2]+ .. 656-1583
4 Wojcik Debra A [3] 656-9147
Ⓐ Cizdziel B 668-7050
Ⓑ Gajewski Joan 668-8808
20 B 1 Barning Anna M [2] 668-7613
25 Herchmer Janice L [5] 656-9751
Ⓚ Kotaras Robert L 656-0911
Ⓚ Kozowduj John 668-8263
3A Graczyk Henry [2]+ 668-6979
4 Ammirati Vincent C [7] .. 668-8377
Ⓐ Wieliczko Jozefa 656-9016
30Ⓓ Prusak C M 668-8433
Spencer Margaret E [3] .. 668-0880
Ⓥ Vitello L 668-3628
A4 Wierzbic Ziegmond T [2]+ 668-8394
Ⓐ Elser D 668-9676
30 A 1 Buerster Mary D [3] 656-0485
4 Piotrowski Daniel D & Linda [3] ⌂ 668-9291
30 C 3A Pachulski Jeanette M [2] 656-0677
35 Donovan Adeline A [2]+ 668-7991
Ⓜ Martone M 656-1853
Ⓟ Petracca Carlo 668-8157
2 Pokorski Edwin C [2]+ ⌂ 656-0410
4 Kozak Stanley J [3] ⌂ .. 668-4654
Ⓐ Burns Karl T 668-8304
A Dubiel John J [2]+ 668-5692
35 A Mohammed Abdul A [2]+ .. 668-6341
40Ⓓ Akin C 656-0473
Ⓟ Perrotti Vincent F 668-8798
Ⓦ Wachowski Stanley L ⌂ 656-0207
Ⓦ Wagner M J 656-9169
1 Perrott Vincent F [2]+ ⌂ 668-8798
3B Wozniak Eugene J [3] .. 656-8779
Ⓑ Wagner Gary S 656-8559
Ⓒ Glowacki Edwin C 668-0158
C Lohouse Lisa [2] 668-1837
40 C 1 Tarnowski Darlene M [2]+ ⌂ 668-9301
4 Lohouse Mark T [2] 656-9363
45Ⓓ Afzal A 668-2718
Ⓛ Laskowski S 668-5265
Ⓛ Lauser C 656-1393
Michaels Loretta [2]+ 668-1487
Solarski Pauline [2]+ ⌂ .. 656-1197
Ⓐ Ansari N 656-8836
45 A 2 Christy Anne N [2] 668-5919
46 POLISH & GERMAN OUTLET gift shop 656-5788
50Ⓓ Flynn Megan 656-1151
Moore Richard L Sr [2]+ .. 656-9742
Ⓜ Murphy J P 656-0478
Ⓢ Schuler D 668-3262
3A Pettis Anthony W Sr [2]+ 668-7888
50 Siekierski Marie E [3] ⌂ 668-3080
Ⓐ Okolowicz S 668-2768
Ⓐ Thompson Heather 656-1151
Ⓑ Baumeister G 656-0963
Ⓑ Pelc A W 668-6545
Ⓑ Schwartz L M 668-3094
Ⓒ Bello M 668-5458
50 A 2 Matuszewski Irene [3] ⌂ 668-3139
50 C 3 Bridges Gerianna [2] .. 668-5728
52 DYNASTY RESTAURANT eating places 656-9053
55Ⓓ Benson Rose 668-7673
Cromp Robert W [4] 668-8776
Flanagan Mary K [2]+ 668-0230
1A Wojnowski Arthur [2]+ .. 668-0575
3A McConkey Norman E [2]+ 668-5472
3 Szalanski Walter [5] 668-3695
A4 Olear Kathleen A [4].. 668-8936
60Ⓓ Brown Tammy 668-2795
Sobczyk E M [2]+ 668-5525
1C Wisniewski Susan M [2]+ ⌂ 656-9506
4A Wood Robert G & Susan [2]+ ⌂ 656-8619
Ⓑ Cianflone Lucia 656-9691
Ⓑ Ferguson Edgar 668-9374
Ⓒ Stefaniak D 668-7047
Ⓒ Williams Joseph 668-8547
60 B Newman Michael F [2]+ .. 668-0186
60 C 2A Abbatoy Rose [3] 668-7561
65 Bonita John J [2]+ 668-6486
Giel John F [3] 656-0021
4 Tonello Louis [5] 668-9792
65 Graziano John J [2] 656-8668
70 GARDEN VILLAGE APARTMENTS apmnt bldg oprtrs 668-1636
75 Koziol Alfreda E [3] 668-0860
Sysak Stanley P & Anne [2]+ ⌂ 668-9440

GARDEN VILLAGE DR
Ⓣ Thauer D 656-5792
1 Field Dolores M [3] 668-3105
2A Zalikowski Anna [2] 656-8672
Ⓐ Seymour Lisa 656-8076
Ⓐ Seymour Peter 656-8076
85 Wurl Aaron R [3] ⌂ 668-0839
1A Derion Raymond J [4] .. 668-6229
A4 Sieczkarek Arthur L & Jeanette [2]+ ⌂ 668-5204
Ⓐ Sieczkarek Arthur 668-6636
85 A Frajdofer Edward J [2] 668-0406
90Ⓓ Asquith William 668-6319
Carpenter Marcia C [4] 656-1140
Delano Frederick E [2] 668-6986
Hughes Ethel T [2]+ 668-5894
2 Bakowski Charlotte H [3] 656-9467
Ⓐ Jarczyk Edward 668-1522
Ⓑ Otwile Bart 668-1219
Ⓑ Wloch A 656-0061
Ⓒ Helmicki G A 656-9556
95 Harvey Loretta P [3] 668-5562
Zabawa Jean L [3] 668-5360
1A Surowiec Edward J [7] 656-0278
4A James Lester B [3] 668-7159
Ⓐ Lewis Rosanne 668-0448
100Ⓓ Newton J A 668-2097
Ⓠ Quinn U 656-1061
Syrek John F & Marjorie [3] 668-1220
2 Dill James P [2]+ 668-5802
A Clark Franklin R [2] 656-2086
Ⓐ Smith Pam 668-8746
Ⓐ Smith Steven 668-8746
B-3 Laforest Timothy C [2] 668-7103
Ⓑ Timpanaro Michael W .. 668-9616
Ⓒ Daniels R 656-0547
100 B 2 Sager Ruth E [5] 668-2735
105Ⓓ Kendziarski Edwin 656-0685
Ⓥ Vajkowski James J 668-2667
1 Cifelli Harry E [3] 668-9631
2 Nuwer Frank X [2]+ 668-5839
105 A Monte Elizabeth L [7] 656-9366
Strozyk Jeffrey E [2]+ ⌂ .. 656-8920
4 Kreutter Kim M [4] 668-8166
110 Janusz Rosemarie M [7] 656-9413
Meller Chester J [2]+ 656-9796
2A Szymanski Stanley S & Clara [2]+ 668-2358
Ⓐ Frost Thomas R 668-8749
Ⓑ Knochenhauer Richard 668-2260
Ⓒ Lanphere Beth A 656-9279
C Michalski Susan J [2]+ ⌂ 668-5148
Ⓒ Strobel B M 656-8879
115Ⓓ Ahmed Ali 668-6471
Karasiewicz Irene J [2]+ .. 668-9646
Ⓦ Wintringer Michael 656-9194
1 Stronka John E [2]+ ⌂ .. 668-2817
Ⓐ Mangat A S 668-4532
D Richards Lucille A [5] ⌂ 668-5404
120Ⓓ Kinney Raymond 668-9664
Ⓢ Shaughnessy A 668-0873
Ⓢ Shaughnessy Bill 668-0873
Yakowenko Robert F [2].. 656-9228
3A Daniels Donald J [2]+ .. 668-8701
Ⓐ Gonzalez M 656-0373
Ⓐ Russell Jeffrey 656-1738
Ⓒ Durrance Ann 668-8516
Ⓒ Lussier A 656-9526
120 C A5 Pilkey Scott T [2] 668-7591
125 1 Searsay Edwin F [2]+ 668-6275
Ⓐ Lazarus Alton 656-8609
130Ⓓ Burdic George 668-7950
Szczutkowski Leo J Sr & Marie [5] 656-5031
Ⓦ Wang Ching 656-9965
3 Karlinski Sharon [5] 668-2721
Ⓐ Hendricks Carolyn 668-0969
Ⓐ Macro M T 656-1000
Ⓐ Peters Edward 656-5320
Ⓐ Willis L 656-1705
B5 Brown Francis H [7] ⌂ 668-7783
Ⓑ Hodges Tamara 656-0755
Ⓒ Ingram M 668-5312
Ⓒ Kumar Ajay 668-7769
Ⓒ Petronio Juan 656-2133
Ⓒ Pula K 656-7952
Ⓒ Sieracki F 668-4792
135Ⓓ Majkowski L A 668-1394
Moskal Joseph F [3] 668-0078
135 Malladi Srilakshmi [2] 668-0884
Ⓐ Dillon S 668-2989
Ⓐ Philleo Charles E 656-0225
Ⓐ Zygaj Raymond 656-1402
I Meinhofer Anna H [3]+ ⌂ 668-6774
140Ⓓ Derrenbacher Craig 668-9707
Ⓜ Monot S 656-1096
Risley Dawn L [3] 656-8066
4C Baczynski Regina N [2] 668-8472
Ⓐ Falker Douglas R 656-9816
Ⓑ Drury Athena M 668-8985
Ⓑ Hanes Nicholas R 668-3101
Ⓑ Hanes Shirley 668-3101
Ⓑ Jordan Patrick 668-4109
Ⓑ Winkowski Leon M 656-9375
Ⓒ Rybak Joan 668-2973
140 A Theroff Henry G [2]+ ⌂ .. 668-6857
145 2A Przepyszny Casey J [2]+ 668-4636
5 Baumgartner Gregory E [6] 656-1969
145 Neale Robert J [3] 668-8674
Ⓐ Catoe Martha L 656-8039
Ⓐ Delprince Lea 656-0339

GARDEN VILLAGE DR
Ⓐ Hilbit Cynthia A 656-8770
155Ⓓ Hendricks J 668-0392
Ⓝ Lewis Raymond A 668-3620
MAMNOON fdrlly sponsrd crdt 668-0194
Mamnoon Sameer [2] 668-0194
Ⓐ Ellis John 656-1715
155 A 1 Deck Gregory J Jr [6] .. 668-4098
BUSINESSES 5 HOUSEHOLDS 203

GARDENVALE DR (BUFFALO)-FROM 40 HEATHER RD WEST
· ZIP CODE 14225 CAR-RT C016
12 King William L [2]+ ⌂ 836-4323
16 Minney Earl K & Sally [2]+ ⌂ 837-1728
19 Woodruff Donald J [2]+ ⌂ .. 834-7439
23 Maul Gary R [2]+ ⌂ 832-7207
+PEACHROW LN BEGINS
38 Krauss Charles F Sr & Kathryn [2] ⌂ 833-8378
39 Dobiesz Norbert F [2]+ ⌂ .. 834-3794
42 Mauerman Roy A [2]+ ⌂ 832-5712
43 Ferland Richard J & Paula [2]+ ⌂ 832-7869
45 MULTI VIDEO PRODUCTIONS mtn pctre vdeo pro 656-1990
49 Sheehan Nicholas W & Florence [2]+ ⌂ 832-2083
52 Dolan John E [2]+ ⌂ 835-5232
55 Eusanio Gerald J [2]+ ⌂ 835-8087
60 Eagen Thomas J [2]+ ⌂ 835-5730
+CHERRY LN INTERSECTS
65Ⓓ Lupinetti Timothy R ⌂ 200-0000
70 Moran Timothy F [2]+ ⌂ 837-5242
71 Kozlowski Felix [2]+ ⌂ 832-1475
77 ELLICOTT CATERING eating places 832-3729
Santowski Rebecca L [2]+ ⌂ 832-3729
80 Kishbaugh Laurence A & Carol [2]+ ⌂ 836-2327
83 Wolowiec John J Jr & Lorraine [2]+ ⌂ 836-1633
86 Wydysh Richard G & Pamela [2]+ ⌂ 832-6254
93 Hark Sherry A [2]+ ⌂ 832-8762
99 Ruhland William A [2]+ ⌂ 834-3582
100 Kapron Robert J Jr & Anita [2]+ ⌂ 837-8088
105 Rohe Scott M [2] ⌂ 836-1661
106 Honsberger James A & Kelly [7] ⌂ 834-0048
120 Jacobs Michael J [2] ⌂ 834-0311
125 Czubinski Chester E & Julie [2]+ ⌂ 836-9211
126 Stafflinger Karl [2]+ ⌂ 633-7877
131 Perry Rosalind M & Douglas [2]+ ⌂ 832-9793
141 Nowak Andrew C [7] ⌂ 862-0311
147 Jones Irene I [2]+ ⌂ 835-6679
148 Eckel Daniel & Karen [2]+ ⌂ 832-0733
157 Cox James P [2] ⌂ 838-4984
161 Breslin Dean D [2] ⌂ 838-6983
162 Kroll Dennis L & Susan [2]+ ⌂ 837-4077
170Ⓓ Krathaus P 836-6584
+CLOVERDALE RD BEGINS
183Ⓓ Petrushesky Eric 834-4541
187 Sparro Ruth [2]+ ⌂ 833-0819
+HUTH RD INTERSECTS
BUSINESSES 2 HOUSEHOLDS 37

GARDENWOOD LN (BUFFALO)-FROM 1464 COLVIN BLVD EAST
· ZIP CODE 14223 CAR-RT C072
10 Bishop Thomas M [2]+ ⌂ 877-5288
16 Smith Susan K [2]+ ⌂ 873-1190
17 Smith Mona F & Levant [2] ⌂ 876-0209
18 Hokanson F J [2]+ ⌂ 873-7786
31 Brach John J [2]+ ⌂ 874-5864
32 Tittle Colleen K [3] ⌂ 873-6557
+SPRINGWOOD CT BEGINS
38 COLEMAN MARKETING busn svcs 874-4909
Seerey Katherine [2]+ ⌂ .. 874-4909
42 Vreeland Jack R [2]+ ⌂ 877-4168
47 Couchman Kathleen A [2]+ ⌂ 876-0526
48 Oliver George A [2]+ ⌂ 874-0189
51 Boutet Aline M [2]+ ⌂ 875-2474
52 Reid Richard M [2]+ ⌂ 877-5510
55 Collins Jeannette G [2]+ ⌂ .. 873-2731
61 Freeman Rith E [2]+ ⌂ 876-5239
62 Lesniowski Ted & Linda [2]+ ⌂ 875-4978
68 Crane Bradley J [2]+ ⌂ 876-1712
71 Oddo Ignatius J & Margaret [2]+ ⌂ 874-2260
72 Winegarden Jack N Jr & Sharon [2]+ ⌂ 876-2808
77 Black Kathleen L [4] ⌂ 877-3929
78Ⓓ Vizzi Anthony J 875-4825
+SUMMERWOOD CT BEGINS
81 McKee Gerald T [2]+ ⌂ 876-0633
82 Rummel Shirley J [2]+ ⌂ 873-4022
87 Grabau Marie C & Arthur [2]+ ⌂ 876-5497
91 Piduch Paul R & Jane [2]+ ⌂ 876-0041
94 Weber Clyde R & Sally [2]+ ⌂ 876-8738
97 Endl Michael J & Jean [2]+ ⌂ 874-2329
101 Krumm Kevin D & Antoinette [2]+ ⌂ 874-6387
102 Giangrisostomi Carmella M [3]+ ⌂ 875-9471
105 Fest Esther J [2]+ ⌂ 875-8277
108 Gersitz Paul A & Suzanne [2]+ ⌂ 874-2009
111Ⓓ Downing Brian M 873-1273
114Ⓓ Gourlay Matthew C ⌂ 873-6146
115 Moak William L [2]+ ⌂ 877-6180
121 Bona Serena A [2] ⌂ 873-1445
+FALLWOOD CT BEGINS
124 Howell Shane W [5] ⌂ 877-0076
125 Zdybowicz Kathleen D [2]+ ⌂ 877-7997
130 Kephart Roy J & Patricia [2]+ ⌂ 877-8173
131 Kim Joon T [2]+ ⌂ 874-6996
135 Dellas Poppy [2]+ ⌂ 876-9786

THE BUFFALO NEWS

CLASSIFIED ADS 856-5555 | HOME DELIVERY 849-4545 | NEWS DEPARTMENT 849-4444

◎ HOMEOWNER

138

FULTON ST–Contd
De Valle Regita M Mrs
Rear Vasques Rosa T Mrs
325 Vacant
Gonzales Maria T Mrs
326★Rivera Juanita
327 Santiago Maryann A M
Rivera Margarita Mrs 842-0731
328 Vacant
329 Morales Maria C Mrs
★Del Valley Linda M 855-3645
330-332 Vacant (2 Hses)
334 Apartments
1-6 Vacant (6 Apts)
335★Kaszubowaki Judith 852-4988
Del Valle Belinda A 842-6413
336 Apartments
★Soto Joanne
2★Febres Maribell
3 Vacant
4★Whyte Lucille
5★Jones Rebecca
6 Vacant
338 Apartments
1 Vacant
2★Parks Karisma 856-8038
3★Campos Edna J
4 Vacant
5★Harris Susan J 842-6832
6 Vacant
339 Vacant
340 Apartments
1★Rice Jeannette L
2 Vacant
3★Hartung Donna L
4 Vacant
5 Harris Samantha Mrs
6★Ennis Dolores
341 Gress Donna Mrs 842-1383
Padilla Angela Mrs 854-2058
342 Grant Delano Mrs
344 Archie Robt J
345 Dingledey Rosemary Mrs ◎ 853-2332
346 Vacant
348 Jones Willie Mae Mrs
HAMBURG ST INTERSECTS

2-A

ZIP CODE 14210
355 Under Constn
359 Under Constn
368 Pozdyn Joseph E ◎
372 Cowell John W ◎ 854-7613
373 Rogers Robt J
★Kepler Francis
Rogers Eliz
374 Hevner Henry E 856-6657
Brown Walter H 845-6506
375 Kozakiewicz Chester ◎ 854-0517
377 Clancy James B ◎ 855-2794
378 Zgoda Eliz A Mrs ◎ 852-0781
380 Santoro Jos
Rear Nayers Ronald
384 Mongraw Sally Mrs ◎
Rear Vacant
386 Lilley Regis E ◎ 864-2563
387★Herky Michele
Vacant
389 Caldarelli Joseph
Caldarelli Michl A
390 Vacant
392 Dingleday Louis B ◎
393 Vacant
394 Meredith Norman A ◎
Sley Danl
RED JACKET ST INTERSECTS
402 Block Danl C ◎
Vacant
403 Vacant
Sumbrum Joseph ◎ 856-2914
406 Dziedzic Joseph A ◎
407 Grobelny Florence Mrs ◎ 856-0065
Emblidge Robin E
408 Kozoduj Frances Mrs ◎ 847-6098
410★Gross
411 Sadler Thos R ◎ 842-0578
412 Faltisco Susan E Mrs
Vacant
Rear Wentworth Anita
414 Roman Judith Mrs 852-2182
Rear Vacant
415★Bryant Shirley Mrs ◎
Rear Vacant
416 Vacant
417 Szejnar Anna M Mrs ◎ 847-1602
Sadler Susan Mrs 847-6495
419 Horrigan Walter V ◎
Frost Kath M Mrs 847-2496
420★Lee Danl ◎
Rear Vacant
426★Garland Kathy
429 No Return
CONRAIL CROSSES
VAN RENSSELAER ST INTERSECTS
528 Duderewicz Mary Mrs ◎
530 Sabadasz Jas ◎ 824-8538
532 Feidt John M ◎ 822-7826
Feidt John M 823-5139
534 Binkowski Frank ◎
536 Choczynski Peter A ◎ 822-0409
544 Pietraszewski Dorothy A Mrs ◎
Burke
546 Reardon Gerald F ◎
547 Hytest Seed Parking Lot
550 Laettner Cath A ◎ 825-3201
560 Hytest Seed Co whol 825-3300
CONRAIL CROSSES
571 Frankowski Robt J ◎ 826-8295
573 Kenfeck
Martinez
575 Joseph Anna P Mrs ◎ 824-6758
577 Halady Mary Mrs 823-0446
581 Mueler Robt
Gallagher Michl A ◎
584 Zimmerman Martin D ◎ 825-1641
589 Courtney June M Mrs ◎ 822-7256
Vacant
591 Vacant
No Return
595 Jasin Dennis J ◎ 826-8520
Jasin Theresa Mrs 828-0529
597 Giezycki Mary Mrs ◎ 824-8482
Scott Susan M
Reynolds Dorothy J Mrs
599 Maxwell Richd ◎
Rear Vacant
601 Kurzanski's Bishop Food Store
824-7011
Kurzanski Edw A ◎ 826-1496
Rear Kowalski
Rear Vacant
602 Gallagher Patrick J ◎ 824-3991
Rear Vacant
604 Dcizski Michl ◎ 824-5390
605 Apotosky Richd
Vacant
Apotosky Brenda
606 Deschamps Rhonda Mrs 824-2490
Manning Chester
607 Dzielski Michl ◎ 824-5390
Rear Brown Kenneth J 823-2718
608 Locke Raymond W ◎ 824-5995
Locke Martha Mrs
610 Storm Timothy S ◎ 821-9779
Becker Mark 827-0142
611 Papaj Eug D ◎ 822-2047
612 Kasprzak Albert A ◎
613 Root David L ◎ 823-3179
614 Smardz Helen S Mrs ◎ 824-0397
616 Vacant
617 Smardz Theo ◎
619 Kasprzak Gail
Papaj Colleen 825-5345
620 Pirog Thos ◎ 825-3563
621 Bialy Genevieve B Mrs ◎ 823-6508
622 Walker David J ◎
623 Snyder Thos J ◎
624 Bruce Fred R ◎
625 Brill Ronald F ◎ 824-8963
626 No Return
Rear No Return
627 Rybczynski Julian J ◎ 824-8726
Rybczynski Michl 822-4334
628★Ackley Peter ◎
632★Gebhart Nancy
635 Zwawa John J ◎
640 Stoll Thelma C Mrs ◎ 823-1419
641 Zwawa John S ◎
642 Kurzanski Fredk A ◎ 822-9937
643 Mann Maureen Mrs ◎ 826-4687
644 Smardz Michl J ◎
645 Kuminski Rosemarie Mrs ◎ 826-0396
Vacant
647 Grandy Gary J ◎ 825-1852
649★Montanez Mary J Mrs
650 Brunner John J
651 Richards Donna M Mrs ◎
652 Bobro Florence Mrs ◎ 825-2423
653 Kotowski Chester P ◎ 826-1652
654 Nowak Irene M Mrs ◎ 825-3042
655 Choczynski Lottie Mrs ◎ 825-1883
658 Burek Theo ◎
660 Choma Petro ◎ 825-4753
664 Borsa Arthur A ◎ 826-2811
665 Curry
667 Pasniak Joseph E ◎ 825-5010
669 Cich Joseph J ◎
670 Keller David E ◎ 826-8383
671 Wrest Eug F ◎ 826-1676
Wrest Deborah M ◎ 824-2045
672★Buchanan J
Mendez
673 Ryan Karen Mrs
Oliver Robt V ◎ 823-3648
674 Glica Chester M ◎
675★Mc Laughlin Karen A 825-6802
Slattery Wm T ◎ 824-2467
676 Gras Natalie T Mrs ◎ 826-0545
677 Eisenhouer Craig
Eisenhauer Arth F III ◎ 823-0927
678 Sweat Patricia A ◎ 825-6230
Rear Scott Vivian M Mrs 826-0549
682 Pawlak Edmund A 824-3273
Dobucki Helen Mrs ◎
684 Zeller Mary S Mrs 825-3564
★Moldan John ◎
688 Renkas Edw ◎ 825-4238
Vacant
692 Vacant
Vacant
SMITH ST INTERSECTS

178

GAIL AV –FROM 404 EDISON ST EAST TO EGGERT RD

ZIP CODE 14215
3 Vacant
4 Ventresca Joseph T ◎ 834-9287
7 Cooper John ◎
8 Gerald John
11 Ballard Louise V ◎ 837-0983
12 Wisniewski Marcella Mrs ◎ 833-0613
15 Cochran Pauline Mrs ◎
16 Pugh Ronald W ◎
19 Robinson Ronald C ◎
20 Kucharski Henry J ◎ 835-3077
23 No Return
24 Delphard K S 832-4010
28 Engler Albert J ◎ 833-6149
29 Griffin Timothy M ◎
32 Koeppel Alan J ◎ 834-4069
33★Smith Doris
36 Johnson Sam Jr ◎ 833-5875
37 Callahan Grant R ◎ 836-6715
42 Ramsey Annie Mrs ◎
43 Woods Lester ◎ 838-4185
46 Humphrey Charles ◎
47 Mc Gee Louis E ◎ 835-7507
50 Du Bois Cheryl Mrs
56 Shaw Dorothy Mrs ◎ 832-1834
57 Bable Milton F ◎ 837-7268
60 Butcher Willie J Mrs ◎
61 Wilbon Artee ◎ 833-4569
64 Schadel Olga Mrs ◎ 837-1421
67 Hill Fredk ◎ 834-5425
70 Velardo Frank ◎
74 Bibby Debora L ◎ 832-2819
EGGERT RD INTERSECTS

79

GALLATIN AV –FROM 219 ONTARIO SOUTHEAST TO 101 PROGRESSIVE AV

ZIP CODE 14207
12★Hausler Miriam J
13 Koszela Edw F ◎ 874-2033
14 Maracle Ruth G Mrs ◎ 874-0637
15 Webb Jas C ◎ 876-9696
18 Masse Charlene P Mrs ◎
19★Surman John M ◎ 875-9603
21 Cuthbertson Phyllis A ◎
22 Perrello Vincent A ◎ 877-4298
25 Cerny Frank ◎ 877-0301
26 Black Timothy ◎ 877-6839
27 Kreller Elmer ◎ 876-5941
28 Misnik Linda
★Garnier Robt Jr 874-9519
31 Purucker Richd R ◎ 876-8235
Lloyd Jeffrey E
32★Logallo Jaimie L
33 Reynolds Barbara C ◎ 877-6545
34 Boyce Thos M ◎
37 Thomas Florence E 874-6513
No Return
38 Kijanka Richd J ◎ 876-3868
39 Britt Louise R Mrs ◎
★Pierce Nancy
40 Oehler Elsie K Mrs ◎ 876-4909
43 Grieco Thos A ◎
44 Pilon Raymond L ◎
46 Farrell Esther L Mrs ◎ 873-5337
47 Rohrback Robt B ◎ 877-6892
48 Smith Wm G ◎ 876-5833
49 Keifman Wm V ◎ 877-8963
50 Albert Howard C Jr ◎ 877-4530
51 Gregory
Olszanski
52 Ressman Arth C ◎ 876-9911
53 Gajski Eliz S Mrs ◎ 876-7645
55 Fudella Wm S ◎ 876-2355
56 Yager Vita M Mrs ◎ 877-3671
58 Dietrich John J ◎ 877-4471
61 Easton Laverne H 876-3898
Gajski Margt A 873-4830
62 Vacant
Vacant
63 Grieco Consulla 877-2037
Biondolillo Vincent 877-2173
HUNT AV INTERSECTS
73★Dee Denise E 874-0857
74 Mls Julia ◎
76 Franklin Herbert A ◎
Spinelli Donald
77★Ruchinger Frank J
★Anthony Lisa L 877-0951
78 Williams Kenneth F ◎ 874-1804
79 Tumidolsky Stanley W ◎ 873-5190
81 Scheuer David G ◎
Terry Vicki
82 Marlett John E ◎ 873-7762
84 Golden Mary Jo
85 Metzger Wm P 873-7185
Tripi Saml Jr ◎
87★Panaro Patk ◎ 875-0325
88 Sherk Robt D ◎ 874-5346
89 Samol Robt M ◎ 875-8138
90 Link Dale L ◎ 874-1631
92 Finnigan Mae A ◎
Scherman Jean 875-8785
95★Hursek David ◎
96 Culhane Gerald J ◎ 875-1344
97 Brunner Paul ◎ 876-4365
98 Gore Dennis ◎ 877-0883
99 Hausle Roger J ◎ 874-9720
100 Schifano Salvatore M ◎ 873-1930
103★Moore Jack ◎
104 Freier Robin S 874-1905
106 No Return
107 Bruce Gladys M Mrs ◎ 876-0079
108 Fantauzzo Carl A ◎
109 Vacant
110★Taylor Douglas J ◎
112 Kukla Henry K ◎ 875-6471
118 Horgan Helen V Mrs ◎ 873-9194
PROGRESSIVE AV INTERSECTS

76-B

GALLOWAY ST –FROM 81 BUFFUM SOUTHEAST TO 82 INDIAN CHURCH RD

ZIP CODE 14210
11 No Return
15 Sherry John M ◎ 824-3349
25★Corrick June
Furmanek Max R
27 Long Carol A Mrs
★Renner Kathy M 822-6121
29 Rutkowski Barbara Mrs ◎ 823-6757
★Rutkowski Dorothy
INDIAN CHURCH RD INTERSECTS

128

GALVESTON PL –FROM 798 JEFFERSON AV EAST

ZIP CODE 14211

44

GANSON ST –FROM 587 OHIO NORTHWEST TO 54 S MICHIGAN AV

ZIP CODE 14203
40 Buffalo City Fire Dept (Eng Co No 10) 855-8862
145 Lake Erie Transportation Co Inc trucking 856-8300
155 Vacant
156 Pillsbury Co (Whse)
157 Roy Track Co Inc railroad constn 856-4150
191 Downing Container Service Inc rubbish removal 853-6116
201 Integrated Waste Systems removal recycling dumpsters 852-2345
CONRAIL CROSSES
250 Pillsbury Co grain stge 849-7333
271 Vacant
323 Integrated Waste Systems (Rolloff Div) 821-9003
327 Great Lakes Fishing Club (boat stge area) 627-3210
333 Intergrated Tires auto tire recycling 847-8473
Crown Wholesale Lumber 842-0135
391 St Mary's Cement (Stge Facility)
S MICHIGAN AV INTERSECTS

15

GARDEN ST –FROM 286 CAROLINA NORTHWEST TO VIRGINIA

ZIP CODE 14201
6★Rollon R
★Torres L
11★Montari Rosa
Lippen
33 Johnson
45 Vacant
VIRGINIA ST INTERSECTS

74-A

GARDON ST –FROM 749 S OGDEN EAST TO DEAD END

ZIP CODE 14206
CAMBRIA ST INTERSECTS
DEAD END

75-A

GARFIELD ST –FROM 2143 NIAGARA EAST TO TONAWANDA ST

ZIP CODE 14207
14 Notar Michl D ◎ 877-5765
15★Camizzi H ◎
Hertig Kathy H Mrs 873-5143
17 Pawlik Martha A Mrs ◎ 874-1334
19 Wean Linda L Mrs ◎ 877-3545
Vacant
20 Traenkle Mary E Mrs ◎ 873-8173
Felmet Reta L Mrs 877-6191
21 Hall Mildred E Mrs ◎ 873-3026
22 Dixon Tina
★Lombard T L 874-2595
23 Brennan Edw ◎ 876-0296
Brennan Joan M ◎ 873-1153
24 Trietley Ross H ◎ 877-8516
Trietley Donald R 873-6673
25 O'Connor Bridget Mrs 873-2555
Brennan Mary Mrs ◎ 877-2498
27 Pew Ann M Mrs ◎ 874-6527
28 Carpentieri Louis F ◎ 874-4964
Carpentieri Richd J
29 Banyai Justina A ◎ 877-6375
Rudolph Dorothy A Mrs 875-0297
Rear★Mott Brian
30 Dolan Patk D ◎ 873-0771
32 Koch Bruce 875-3459
Anderson Steve 874-3122
EAST INTERSECTS
HARTMAN PL INTERSECTS
PEORIA INTERSECTS
111 Pettibone Helen M Mrs ◎ 873-1288
116 Schweitzer Raymond J ◎ 875-5546
120 Niemiec Frank J ◎ 874-0240

GANSON ST 1985

E a person or firm. TEL. 856-2833 75 W. Huron St. Near Delaware Ave. Buffalo, N.Y. 14202

FULTON ST—Contd
D Azevedo Ada
E Williams Ethel M
F Johnson John P
150 City Dept Of Parks (Lanigan Field Hse) 855-9893
Apartments
1 Vacant (Apts 1-6)
176 Apartments
1 Vacant
LOUISIANA INTERSECTS

12-A

220 Saint Brigid Community School 854-2082
HAYWARD INTERSECTS
232 Robinson Margt
234 Carpenter Marcella
236 Bradley Audrey A
238 Hardy Florence E
240 Apartments
3 Vacant
4★Lowery Pamela
5 Jones Duane
6 Weatherspoon Debra
242 Apartments
1 Vacant
2 Milton Kimberly
3 Cody Bobbie J
4 Vacant
5 Vacant (Apts 5-6)
244 Apartments
1★Harris Edw
3 Vacant
4★Ross Faye
5 Vacant
6★Malone Rosemary
246 Apartments
1 Vacant
2 Vacant
3 Vacant (Apts 3-4)
5 Vacant
6 Vacant
248 Sommerville Barbara
250 Wright Dorothy M
252 Reed Bessie
254 Moses Brandon
260 Coleman Darlene
262 Huff Deborah
264 La Valley Johnnie Mae
266 Mc Cutcheon Annette
268 Apartments
1 Vacant (Apts 1-2)
3 Luper Alice
4 Davis Louella
5 Hardy Louise Mrs 856-7959
6 Thomas Florence E Mrs
270 Apartments
1 Vacant
2 Vacant
3 Howard Denise D
5 Hamblet Wanda J 854-3323
6 Vacant
272 Apartments
1 Lamb Dorothy M
2 Vacant (Apts 2-6)
274 Apartments
3 Cook Wm
5 Morrow Mona
276 Davis Denise R
278 Johnson Margt E Mrs
280 Buchanan Era D Mrs 856-4863
282 Barlow Sandra L
295 Benis Delicatessen 845-6346
Vacant
300 Vacant
302 Glenn Selena E
303 Cancel Carmen
Melendez Benigno 842-1863
304 Harris Wilma J
306 Figueroa Ragueo
308 Apartments
1 Vacant
3 Vacant
5 Vacant
309 Del Valle Lucy
Candelaria Carmen
310 Apartments
1 Vacant
3 Brinson Harriet A 855-2094
5★Foy John
311 Miazza June A Mrs
312 Apartments
1 Vacant
3 Vacant
6 Martin Geraldine
314 Apartments
1★Wise Lorelli
3 Vacant
4 Bishop Roosevelt 842-6926
5 Hall Jacquelyn
6 Vacant
315 Moore Jerry
316 Woods Louise
317 Dellawalle Regita
318★Williams Gloria
320 Vacant
321 Vacant
Vacant
322★Fredericks David
323 Gonzales Edwin
Mercado Gregorio
REAR Vacant
325 Cottrell Yvonne C
Vacant
326 Sanders Addie 847-1899
327 Gonzales Mariano
Rivera Margarita 842-0731
328 Dorssett Vernon 842-0427
329 Aman Margt F ◎ 854-0070
Vacant
330 Figueroa Juan 854-5522
332 Vacant
334 Apartments
1 Vacant (Apts 1-2)
3 Jones Teresa A 855-1292
4 Vacant
5 Pennick Deborah B
335 Vacant
336 Apartments
1 Vacant (Apts 1-2)
3 Sommerville Walter
4 Vacant (Apts 4-5)
6 Merritt Ernest
338 Apartments
3 Arroyo Maria D
5 Vacant
339 Vacant
Vacant
340 Apartments
3 Martin Mildred B 856-8384
5 Rainey Janet
6 Vacant
341 Gress Donna Mrs 842-1383
Padilla Angela
342 Tucker Phyllis A Mrs
344★Rennick Tyrone S
346 Vacant
348★Russell Leonard
HAMBURG ST INTERSECTS

2

ZIP CODE 14210
368 Pozdyn Joseph E ◎
372 Covell John W ◎ 854-7613
373 Rodgers Robt J ◎ 852-2591
★Martin James
374 Hevner Henry E 856-6657
375 Kozakiewicz Chester ◎ 854-0517
377 Clancy James B ◎ 855-2794
378 Zgoda Eliz A Mrs ◎ 852-0781
380 Lawson Eleanor B Mrs ◎ 854-5179
REAR Pfohl Nancy M Mrs 854-4132
384 Mac Neil Marie G 853-6494
Mongraw Wm ◎
REAR Vacant
386 Lilley Regis E
387 Hahache Wm ◎
Vacant
389 Caldarelli Joseph
Caldarelli Michl A ◎
390 O'Dierno Carlo ◎
392★Bryant Shirley Mrs ◎
393 Vacant
394 Meredith Norm A ◎
Gilmore Mabel V Mrs
RED JACKET INTERSECTS
402 Block Danl C
Vacant
403 Sumbrum Joseph 856-2914
406 Dziedzic Joseph A ◎
407 Grobelny Florence Mrs ◎ 856-0065
★Emblidge Robin E
408 Kozoduj Frances M Mrs ◎
410 Ersing Mary C Mrs ◎ 842-6991
411 Sadler Thos R ◎ 842-0578
REAR Vacant
412 Vacant
Vacant
REAR★Stuchal Christine
414 Faltisco James A
REAR Brunner Russell
415 Semrau Wm R ◎
REAR★Semrau Richd
416 Vacant
REAR Vacant
417 Szejnar Anna M Mrs ◎ 847-1802
★Sadler Susan Mrs ◎
419 Horrigan Walter V ◎
Frost Cathy A Mrs 847-2496
420 Mulawka Michl G 854-8852
REAR Vacant
Luvender Albert 856-0182
REAR Vacant
426★Stitts Patrick ◎
No Return
429 Wyant James ◎ 856-6004
CONRAIL CROSSES
VAN RENSSALEAR ST INTERSECTS
528 Duderewicz Mary Mrs ◎
530 Sabadasz James ◎
532 Feidt John M ◎ 822-7826
Feidt John M 823-5139
534 Binkowske Frank ◎
536★Choczynski Peter ◎
544 Pietraszewski Dorothy A Mrs
Pietraszewski Florence Mrs ◎
546 Reardon Gerald F ◎ 826-8664
547 Stanford Seed Parking Lot
550 Laettner Cath A Mrs ◎ 825-3201
560 Stanford Seed Co 825-3300
CONRAIL CROSSES
571 Vacant
573 Joseph Ann M Mrs ◎ 822-7109
Joseph Robt F 826-7635
575 Joseph Anna P ◎ 824-6758
577 Haladay Mary Mrs ◎ 823-0446
581 Walinski Sophie ◎
Vacant
584 Maciejewski Dennis A ◎
589 Courtney June Mrs
★Degman Caroline
591 Pierrot Jacqueline S Mrs 822-3503
Glover James F ◎ 824-3753
595 Jasin Dennis W ◎ 826-8520
Jasin Theresa 828-0529
597 Giezycki Walter ◎ 824-8482
Root Lawrence
599 Maxwell Richd ◎
REAR Vacant
601 Kurzanski's Bishop Food Store 824-7011
Kurzanski Edw A ◎ 826-1496
REAR Kowalski Mildred Mrs ◎ 825-5840
REAR★Kurzanski Shannon
602 Gallagher Patrick J ◎
REAR Myers Richd
604 Deschamps Desmond R ◎ 826-1119
605 Apotosky Richd
REAR★Zimmerman Martin
606★Mc Nerny Mary Ellen M
Orrick Terry D
607 Dzielski Michl ◎ 824-5390
Henry Wilma C Mrs 826-6791
REAR★Brown Kenneth
608 Locke Raymond W ◎ 824-5995
Locke Martha Mrs
610 Holobicky Thos ◎ 825-2247
Vacant
611 Papaj Eug D ◎ 822-2047
612 Kasprzak Albert A ◎
613 Vacant
614 Smardz Stanley A ◎ 824-0397
616 Vacant
617 Smardz Theo ◎
619 Wallace Wesley J ◎ 826-5345
Radka Donald
620 Pirog Thos J ◎ 825-3563
621 Bialy Genevieve B Mrs ◎ 823-6508
622 Walker David
623 Snyder Thos J ◎
624 Brant Robt W
Bruce Fred R ◎
625 Brill Ronald F ◎ 824-8963
Vacant
626 Frost Gordon R ◎
REAR Frankowski Robt
627 Rybczynski Julian J ◎ 824-8726
628★Zurawa John J ◎
Vacant
632 Vacant
635 Vacant
640 Stoll Thelma C Mrs ◎ 823-1419
641 Zwawa John S ◎
642 Kurzanski Fredk A ◎ 822-9937
643 Mann David ◎ 826-4687
644 Vacant
645 Kuminski Rosemarie Mrs 826-0396
Vacant
647 Grandy Gary J ◎ 825-1852
649 Burris Wesley
650★Brunner Diane
651 Richards Patrick J ◎ 824-5033
652 Bobro Florence ◎ 825-2423
653 Kotowski Chester P ◎ 826-1652
654 Nowak Irene M Mrs ◎ 825-3042
655 Choczynski Lottie J ◎ 825-1883
658 Burek Teddy A ◎
660 Choma Peter ◎ 825-4753
★Godziki Marie
664★Borsa Arthur A ◎
Vacant
665 Vacant
667 Pasniak Joseph E ◎ 825-5010
669 Cich Joseph J ◎
670 Toczynski Robt A ◎ 828-0379
671 Wrest Eug F ◎ 826-1676
Wrest Stella Mrs ◎ 824-2045
672 Dunn Craig M
673 Stanek Mary 826-2349
Oliver Robt ◎ 823-3648
674 Glica Chester M ◎
675 Kline Harry 824-8413
Slattery Wm T ◎ 824-2467
676 Waligur Peter W ◎ 825-3389
677 Vacant
Eisenhauer Arth F III ◎ 823-0927
678 Sweat Leon ◎ 825-8257
REAR Scott Vivian M ◎ 825-0549
682★Pawlik Edmund A 824-3273
Dobucke Helen C ◎ 823-8990
684 Gravius Thea S Mrs
Molezan John J 825-4489
688 Renkas Edw ◎ 825-4238
Vacant
692 Tunies Tavern
★Szaras James ◎
SMITH ST INTERSECTS

178

GAIL AV —FROM 404 EDISON ST EAST

ZIP CODE 14215
3 Strasser Edw R ◎ 834-9246
4 Ventresca Joseph T ◎ 834-9287
7 Cooper John ◎
8 Gerald Mc Kinley Jr ◎
11 Rushing Louise V Mrs ◎ 837-0983
12 Wisniewski Marcella Mrs ◎ 833-0813
15 Cochran Pauline Mrs ◎ 836-2708
16 Pugh Ronald W
19 Robinson Ronald C ◎
20 Kucharski Henry J ◎ 835-3077
23 Matthews Valerie ◎ 835-1563
24 Para Alice S Mrs ◎ 835-3786
28 Engler Albert J ◎ 833-6149
29 Griffin Timothy M ◎
32 Koeppel Alan J ◎ 834-4069
33★Smith Doris ◎
36 Frisa Petrina Mrs ◎ 832-1427
37 Kopeppel Loretta Mrs ◎ 836-6639
42 Ramsey Saml J Jr ◎
43 Woods Lester ◎ 838-4185
46 Humphrey Charles ◎
47 Mc Gee Louis E ◎ 835-7507
50 Baxter Calvin J ◎ 833-4485
56 Shaw Dorothy Mrs ◎ 832-1834
57★Bable Milton ◎
60 Butcher Leon ◎
61 Wilbon Artee ◎
64 Schadel Olga Mrs ◎ 837-1421
67 Hill Fredk ◎ 837-8196
70 Velardo Frank ◎ 832-0159
74 Bibby Debora ◎
EGGERT RD INTERSECTS

79

GALLATIN AV —FROM 219 ONTARIO SOUTHEAST TO 101 PROGRESSIVE AV

ZIP CODE 14207
12★Carpenter Timothy E ◎
13 Koszela Edw F ◎ 874-2033
14 Maracle Ruth G Mrs ◎ 874-0637
15★Webb Jas C 876-9696
18 Masse Charlene Mrs ◎
19 Demrow Betty M Mrs ◎ 874-1979
21 Cuthbertson Phyllis Mrs ◎ 874-0365
22 Perrello Vincent A ◎ 877-4298
25 Cerny Frank ◎ 877-0301
26 Vacant
27 Kreller Elmer ◎ 876-5941
28 Street Jeannie 877-7661
Kyse Terry 877-1292
31 Hagerty Timothy
Purucker Richd R ◎
32 Kyser John H ◎ 877-2233
33 Asarese Barbara C Mrs
34 D & P Service elec mech equip repr serv 874-1594
Robinson David J ◎ 874-1594
37 Britt James E ◎
38 Kijanka Richd J ◎ 876-3868
39 Britt Louise R Mrs ◎
★Ramos Loretta
40 Oehler Elsie K Mrs ◎ 876-4909
43 Grieco Thos A ◎
44 Pilon Raymond L ◎
46 Farrell Earl J ◎ 873-5337
47 Rohrback Robt B 877-6892
48 Smith Wm G ◎
49 Keifman Wm V ◎ 877-8963
50 Albert Howard C Jr ◎ 877-4530
51 Morey Jas E
Morey Danl B ◎ 876-6497
52 Kessman Arth C ◎ 876-9911
53 Gajski Eliz S Mrs ◎ 876-7645
55 Fudella Wm S ◎ 876-2355
56 Yager Vita M Mrs ◎ 877-3671
58 Dietrich John J ◎ 877-4471
61★Dries Lisa C 874-1274
Boncore Marvin 876-2279
62 Vacant
63 Leach Geraldine 876-6181
Leach Christine
Evans Vernon M
HUNT AV INTERSECTS
73 Montemage David R 875-8558
74 Crossley Jeanne G Mrs 873-7698
Mis Julia ◎ 875-1226
76 Franklin Herbert A ◎
77★Roth Lawr J
★Sutton Robt ◎
78 Williams Kenneth F ◎ 874-1804
79 Tumidolsky Stanley W ◎ 873-5190
81 Gausebeck Herbert
82 Marlett John E ◎ 873-7762
84 Vacant
85 Metzger Wm P ◎
Tripi Saml Jr 873-9288
87 Chenault Wyvan E ◎ 876-4459
Solsbak Eleanor 876-1963
88 Sherk Robt D ◎ 874-5346
89 Samol Robt M ◎ 875-8138
90 Smeal Marie Mrs ◎
92 Finnigan Mae A ◎
★Scherman Jean
95 Gardner Robt G ◎ 875-8199
96★Culhane Gerald J ◎ 875-1344
97 Botticello Joseph 877-7765
98 Gushue Geo C ◎ 876-5635
99 Merritt Robt N ◎ 876-9797
100 Schifano Salvatore M ◎ 873-1930
103 Plant Robt J ◎ 875-0675
104 Price Richd W ◎ 874-4297
106★Kein Robt J Jr 876-0928
107 Bruce Gladys M Mrs ◎ 876-0079
108 Fantauzzo Carl A ◎
109 Mangus Geo J ◎
110 Van Denbergh Alf P ◎ 876-9297
112 Kukla Henry K ◎ 875-6471
118 Horgan Francis J ◎ 873-9194
PROGRESSIVE AV INTERSECTS

76-B

GALLOWAY ST —FROM 81 BUFFUM SOUTHEAST TO 82 INDIAN CHURCH RD

ZIP CODE 14210
11 Vacant
15 Sherry John M ◎ 824-3349
25 Brown Sylvia B ◎
Furmanek Max
27★Long Carrol
29 Rutkowski Barbara Mrs ◎ 823-6757
INDIAN CHURCH RD INTERSECTS

128

GALVESTON PL —FROM 798 JEFFERSON AV EAST

ZIP CODE 14211

44

GANSON ST —FROM 587 OHIO NORTHWEST TO 54 S MICHIGAN AV

ZIP CODE 14203
40 City Fire Dept Engine Co No 10 855-8862
145 Lake Erie Transporation Co Inc trucking 856-8300
Burnett G W Trucking trucking 856-8300
155 Eastern Weighing & Insp Bur (Reclaim & Grain Bur) 854-6190
156 Pillsbury Co (Whse)

GANSON ST—Contd
191 Downing Container Service Inc rubbish removal 853-6116
201 Cowper John W Co Inc (YD) civil eng 845-6767
CONRAIL CROSSES
250 Pillsbury Co grain stge 849-7333
271 J W Cowper stge
281 Vacant
301 Vacant
323 Vacant
333 Frontier Leasing Corp truck rental 842-6292
391 Vacant
S MICHIGAN AV INTERSECTS

15

GARDEN ST —FROM 286 CAROLINA NORTHWEST

ZIP CODE 14201
6 Maldonado
8 Juan Rivera
10 Martinez Carmen Mrs
11 Arroyo Delia
33 Vacant
47 Vacant
VIRGINIA ST INTERSECTS

74-A

GARDON ST —FROM 749 S OGDEN EAST

ZIP CODE 14206
CAMBRIA INTERSECTS

75-A

GARFIELD ST —FROM 2143 NIAGARA EAST TO TONAWANDA ST

ZIP CODE 14207
14 Notar Michl D ◎ 877-5765
★Camizzi Steven
15★Chrissey Gregory
17 Pawlik Edw J ◎ 874-1334
19 Wean Linda L Mrs 877-3545
Quinn Marshall F 875-0514
20 Traenkle Wm R ◎
Felmet Reta L Mrs 877-6191
21 Hall Mildred E Mrs ◎ 873-3026
22 Vacant
★Gormley Eileen ◎
23 Brennan Marie Mrs ◎ 876-0296
Oddo Mary L 873-5311
24 Trietley Ross H ◎ 877-8516
25 O'Connor Bridget Mrs 873-2555
Brennan Mary Mrs ◎ 877-2498
27 No Return
28 Carpentieri Louis F ◎ 874-4964
Carpentieri Richd
29 Banyai Tina ◎ 875-7272
Rudolph Paul L 875-0297
Wozniak Anthony
30 Dolan Patk D ◎ 873-0771
32★Vossler Donna P Mrs 875-3459
EAST INTERSECTS
HARTMAN PL INTERSECTS
PEORIA INTERSECTS
111 Rose James A ◎ 876-2647
116 Schweitzer Raymond J ◎ 875-5546
120 Niemiec Frank J ◎ 874-0240
122 Sankey Robt C ◎ 875-0601
CALUMET PL ENDS
126 Rebesher John G 875-4767
Rennick K M 873-5859
128★Peal Michl
★Anrd Kyle
132 Schaffer John F ◎ 873-0105
★Schaffer Cath
134 Vacant
138★Dumas Wm
★Fisher Raymond P ◎ 873-2071
REAR Calladine
TONAWANDA ST INTERSECTS

69-A

GARNER AV —FROM 294 DEWITT EAST

ZIP CODE 14213
4 Wenrich Gerald M ◎ 886-0896
8 Ferrentino Anthony ◎
Carrow Claudia 884-2425
REAR★Perry Roberta
9 Fuzer Rita M Mrs 882-9246
10 Cochrane Wm J 882-7822
Wagner Nellie C Mrs 883-6266
12 Jamieson Clara W Mrs ◎ 883-0597
Jamieson Marty D 881-0780
15★Rodriquez Rose M 881-4113
Gembois Eggie 882-1951
15½★Zimmerman Mary B
★Palisano Margaret
16 Wenrich Marshall ◎ 885-8880
17★Lytle Esther M
★Wiggin Michael 885-0830
18 Kitson Leslie B 882-0931
Day Ruth M Mrs ◎ 883-8524
REAR★Plevniak Norma 883-3373
19 Battles Dorothy
Anderson Irene H Mrs
20 Valente Michael A ◎ 884-3954
Cina Kath A 884-3954
REAR Bak Fred M
21★Burz Diana ◎
24 Castiglia Nettie Mrs gro ◎ 883-7399
26 Lackey Herbert D ◎ 881-1150
27★Rogers Anna
★Brough Vincent A 882-6976
REAR★Thompson Sharon
29 Wildenkorn Henry ◎ 881-5371
REAR Hockenbery Wilbert
30 Hartke Margt E Mrs ◎ 883-9275
31★Myers Della
Robinson Valerie 884-2765
★Bromstead Doris Mrs 886-4529
32 Landsman Michl ◎ 883-9322
33 Hartsock Patricia 882-0369
Walter Robt G ◎ 882-7129
34 Volkots John L 882-4832
Moline Wm E
35 Cole Janet M ◎ 882-8319
38 Stein Leslie J Mrs 886-3154
Kovach Wm J ◎ 883-0570
39 Bald Kenneth E 885-5135
40 D'Orazio Patk ◎ 882-5852
★Comfort Christopher 882-4987
42★Rossney Kevin M 884-8715
Mc Swain Charles E 885-1306
43 Miller John E 881-5823
45 Vacant
46 Benzel Robert E ◎ 882-7834
47 Salansky Wm V ◎ 885-8607
Metals Rossney Geo E ◎ 882-9188
49 Dickey Donald E ◎ 883-1005
51★Melucci Maria Mrs
53 Anderson Harry ◎ 883-4174
★Collins Phyllis
55 Lombardo Mario R ◎ 885-6629
HERKIMER ST INTERSECTS

67-A

75 No Return
76 Apartments
1 Vacant
2 Misuraca Kenneth 882-0642
3 Vacant
4 Vacant
77★Abdullah Khalil
Cotolo Anthony 882-6715
79★Sailor Kimmarie 884-6245
Studt Res
80 Saletta Marie R ◎
83 Mellan Michl 883-3189
Smiraglia Vincent W ◎ 883-6156
84 Gardner Woodrow ◎ 886-7272
★Perry Chas 883-4265
85 Brucato Rosaria Mrs ◎ 885-1181
Kuhn Florence Mrs 833-8537
86 Donohue Alan
Esposito Jeanette 881-5049
89 Ellis Paul F acct ◎ 882-4060
Cottrell Arth J 885-8275
90 Harding Karen P Mrs
Szumansk Jos
91 Melluso Onofrio ◎ 886-3848
Seaith Rose Ann Mrs
92 Denning Clarence A ◎ 886-6224
Doty Betty A Mrs
93 Vacant
94 Sharkey Ruth M Mrs ◎ 883-6696
95 Donoghue Nora M Mrs ◎ 884-5530
96 Capage Chas J ◎ 885-6867
101 Smith Alicia A 885-0529
101½★Oddo Deborah
102 Oddo Joseph P ◎ 882-8577
Oddo Edw
103 Wiesmore Victor H ◎ 883-4042
104 Learn Dennis G ◎
105 Philip Mark
REAR Vacant
105½ Vacant
106 Grant Albert ◎ 886-4648
108 Charczuk Henry ◎ 886-2952
109★Brant Dolorine
★Stearn Donald
112 Nelles Mary W Mrs ◎ 882-4587
Powell Michl 886-6869
115 Vacant
117★Nelles Lorne J ◎ 886-4062
REAR Dilapo Keith M 882-8424
118 Smith Raymond J ◎ 884-1615
Ace Painting Co 884-2776
120 Brant Roxanne L Mrs
122★Belka P
GRANT ST INTERSECTS
140 Kaiser Glenn
142 Cammilleri
Boyer
144 Masterman Melvin W Jr ◎
145★Logan Virginia M
149★Lawson Wm A 881-6760
151 Braymiller Ray D ◎
153 Berg Frances M Mrs ◎ 886-6383
154★Masterman Michl W ◎ 882-4936
155 Hitchman Mary E Mrs 886-3093
Miller Mary Mrs ◎ 885-2744
158 Stout Gerard W ◎
159 Duerr Willis H ◎ 886-4134
160 Walther Dennis
Cotton Grace E ◎ 884-6554
161 Gasper John E ◎ 886-8363
Gasper Ernest S 883-0673
REAR★Thies Marlene
162 Lewis Danl S ◎ 882-1924
164 Crane Wm
165★Kress Eugene
★Vallese Mark T
168 Stancanpono Frank A ◎ 886-5514
169 Bryan Harold E ◎ 884-3143
170 Rounds Arnold G ◎ 886-1691
171 Grunthaner Xavier G ◎ 883-1458
Grunthaner Carol Mrs 881-6765
172 Howard Michelle E ◎ 886-0855
175 Duewiger Paul D ◎ 883-8981
REAR Brown Velma 886-2935
176 Filippone Randall ◎ 881-4483
Dalessandro Karen
177 Adamczyk Beatrice Mrs 885-9017
Uhle Rose 881-0233
REAR Pieri Frank M 883-1999
179★Cutoco Jennie 886-3216
Kabalan Abdulla 883-2154
REAR Clark
180 Miller Nora J Mrs ◎ 883-1658
182 Burdick Priscilla E Mrs ◎ 884-2984
184 Gullo Ann R 885-4537
★Wroblewski Kim M 882-4100
PARKDALE INTERSECTS

48

GARVEY AV —FROM 399 HOPKINS EAST TO 51 FOLGER AV

ZIP CODE 14220
15 Bifaro Frank P ◎ 825-0797
18 Merkl Donald F 826-2557
Merkl Anna M Mrs ◎ 825-5792
22 Guzzo Mark A ◎ 822-5517
27 Mc Nerney Mark ◎
29 Anderson Michl G ◎ 822-3096
31 Mendez Librado ◎ 824-1204
32 Mc Andrews Jos M ◎ 825-8192
33 Allen Rose J Mrs ◎ 822-4571
★Rogerson Wesley
36 Gerrity Thos E ◎ 825-5391
37 Victor Robt J ◎ 823-5144
41 Galluzzi Dominic A ◎
42 Zuppinger Edmund J ◎ 822-0397
46 Autrino Frank F ◎ 823-0044
52 Sierant Thos C ◎ 826-6908
55 Pierakos James G ◎ 824-7349
59★Hatton Albert
62★Velasquez Juan A ◎ 824-5151
65 Losel Woodrow A ◎ 822-4480
★Limpert Sherlyn
66 Acquisto Anthony C ◎ 822-6062
Kelher James
72 Fazio James A ◎ 825-4533
Wasilewski Michl
73 Gordon Patk A ◎ 823-7924
76 Makowski Joseph M ◎ 824-8385
77 De Lallo Paul J ◎ 822-8416
80 Hartman Richd W ◎ 822-1058
83 Giannoni Genevieve M Mrs ◎ 826-2799
84 Hoth Leonard W ◎ 823-1850
86 Alexander Dorothy A Mrs ◎
87 Getz Michl A ◎ 826-8582
90 Renzi Albert ◎ 823-9712
91 Pirowski Stanley J ◎ 825-0724
92 Collado Dolores A ◎
96 Williams Edna M Mrs ◎ 823-1453
97 Bielinski Stephen H ◎
Tomaka Jane Mrs 826-2291
FOLGER INTERSECTS

98-A

GATCHELL ST —FROM 1620 BROADWAY NORTH TO DEAD END

ZIP CODE 14212
16 Kralisz Robt ◎ 896-1184
17 Steszewski Harry A ◎ 894-6880
Steszewski Robt E 894-1965
18 Vacant
19 Kramer Edw
Lewandowski Clara Mrs 894-5963
20 Wojciechowski Felix ◎ 896-7816
21 Mc Carthy Kathryn E Mrs ◎ 895-3178
22 Kosmala Edw ◎ 894-8156
23 Blaskiewicz Hattie T Mrs ◎ 894-1656
24 Goszczynski Frank ◎ 894-4078
Hughes Marie 896-7005
26 Later Richd L ◎ 897-1454
Szczerbiak Lynn
27 Torbicki Gregory J
31 Bogdan Sophie B 894-2336
Ziembiec Frank T ◎ 894-4572
32 Pasternak Henry J ◎ 894-1277
33 Boncol Valentine M ◎ 896-5287
Borczynski Richd J
34★Mohl Timothy
37★Gistek Michl
★Bundick Susan
38 Landi Phyllis M Mrs
Gaca Jane J 895-1390
39 Kawucha Alice ◎ 893-0386
Becker Sandra 893-5400
40★Noworyta Debbie A
42★Lis Estelle Mrs
Jankowski Eva Mrs
43★Prieur A
★Bouce Mark ◎
45 Becht Paul D ◎
48 Raczka Edw E ◎ 892-9743
49★Weber Bruce 895-1399
Do Bosz Stefan
50 Kwiatkowski Lillian Mrs
52 Godzisz Charlotte ◎ 892-9292
Hall Eileen J 896-7043
53 Wujek Russel J ◎ 892-7971
54 Snolen Peter ◎ 897-1572
55 Siejak Sigmund J ◎
Siejak Mary Mrs 892-9208
56 Noga Edw A ◎ 896-5369
59 Barczykowski Alois J ◎
60 Machelski Dan ◎
61 Meka Lillian B Mrs ◎ 894-0539
Kuzma Barbara J Mrs
64 Fachko Steph D ◎ 893-0749
65 Harzewski Charlotte V Mrs ◎ 893-0490
68 Church Of Christ Jesus Our Lord The rev gerald graham pastor
Karyczak Stephan 894-6156
PULLMAN PL INTERSECTS
74★Brzezowski Eug
76 Antowski Richd J 893-5022
Krayna Helen Mrs ◎ 895-1968
79 Sobkowiak Frances
Jacob Linda 894-0056
82 Szymanski James A ◎ 894-9597
83 Cyzewski Edw 894-4074
Ginter Cecilia Mrs 895-1821
84 Siejak Randall
Carrick Lee
85 Glowny Leo F ◎ 892-1918
88 Plewinski Eugenia ◎ 894-7291
89 Zielinski Adam R ◎ 894-4863
Bulatek Mary Mrs
90 Winterberg Edwin C ◎ 893-6943
91 Kloda Stanley
Werner Linda
93 Stocum Herbert ◎
Wierzynski Angeline Mrs 895-9859
94★Maciejewski B 897-2544
96★Kerruish Nancy
Hauser Jas 894-3434
97 Sum Valeria Mrs 897-1260
101 Basinski Ida Mrs 895-7284
Mankowski Rose T ◎ 895-4822
102 Barnas Conrad J ◎ 896-7353
103 Krajna Gerald ◎
Mondello Dorothy Mrs 897-1633
106 Bronowski Natalie P Mrs 895-9025
Gnacinski Irene T Mrs ◎ 894-7289
107 Skibicki Alice G
Lorenz Alice D
108 Wanat Eug J ◎ 894-9127
Seiser Theresa H
109 Vacant
110 Dragotta Anthony J
113 Andrzejewski Edwin W 893-3802
114 Kaylor Rita Mrs 895-5010
115 Turchiarelli Joseph
Szczublewski Irene
116 Goehrig Eug G ◎
119 Gaczewski Raymond ◎ 895-0534
Gaczewski Sharon
120 Koteras Eug N ◎
121 Cholewka Frank S ◎ 896-0258
122★Mc Sorley Anna 896-3703
125 Sadek Eug ◎
126 Grzybowski Lorraine C 897-1784
Walsh Noreen E 896-1991
128 Kubiak Agnes F Mrs ◎ 892-9494
130★Taylor Robt Jr
Palys Francis A ◎ 896-5472
131★Cross Mark R 896-0179
Saj Linda 896-0179
133 Szczepankiewicz Ronald J 895-7027
137 Bryk Richd J ◎ 895-3062
CONRAIL CROSSES

197

GATES AV (LACKAWANNA)—FROM 86 RIDGE RD SOUTH

ZIP CODE 14218
9 Vacant
15 Vacant
17 Vacant
26 Santiago Francisco
CHURCH BEGINS
SIMON ST ENDS
40 Green Elsie N Mrs 822-2751
42 Jiles O B 824-4531
44 Parker Adrian 823-9618
46 Vacant
47 Brown Mack 822-8042
48★Johnson Carol
49 Stevens Louise 826-8901
50 Ford Relda
51★Barber Jerome
52 Lackawanna Municipal Housing Authority 823-2551
53 Blakely Frank 825-2865
54 Apartments
1 Clark Jas
2 Johnson Veronica 826-9405
3 Simmons Willie
4 Barber Benj 824-3509
5 West Stanley 823-9340
6 Powell Lewis 826-1118
7 Terrse Venita
8 Herring Valerie P
9 Matthews Delcine
10 Mc Neil Becky
11 Vacant
12 Harris Erania Mrs
13 Odoms Voncell 823-2843
14 Washington Wilson 823-0397
15 Coles Stephen
16 Guttierrez Juan
55 Medler Alfredia Mrs 823-0533
56 Apartments
1★Perez Juan
2 Brown Walter L 824-3262
3 Anderson Earline Mrs
4 Matthis John
5 Mc Cracken Walter 826-3268
6 Glover Cynthia E
7 Smalls Ada 826-4236
8 Washington Olivia 823-8438
9 Tarpley Margt 823-0937
10 Coleman Vivian 825-5204
11★Santos Julio 822-4741
12★Evans Wanda
13 Owens Willie
14 Green Sharon L
15★Jackson Yvonne
16 Rose Theresa A
57 Dalton Jonnie Mrs 826-9429
58★Donaldson Jack
59 Thomas Barena Mrs 825-3741
60★Thompson Mildred Mrs
61 Taylor Theresa Mrs 825-7468
62★Thomas Rosalind
64 Woods Leroy J 823-3425
66 Thomas Wm 822-5232
68 Booze Judy
70 Apartments
1 Hendrix Jessie 822-8749
2 Vacant
3 Braction Carla 822-7603
4 West Harvey
5★Reese Linda Mrs
6 Mc Quiller Anastacia
7★Richardson Carl
8 Vacant
9 Mc Neil Sandra 822-0911
10 Davis Kassandra
11 Bobbitt Renee
12 Green Louise S 823-8115

WHERE TO BUY
IS AS IMPORTANT AS WHERE TO SELL GOODS



USE ZIP CODE
FOR YOU... ADDRESS

TEL. 856-2833 75 W. Huron St. Near Delaware Ave. Buffalo, N.Y. 14202

E a person or firm.

FULTON ST—Contd
D Azevedo Ada
E Williams Ethel M
F Johnson John P
150 City Dept Of Parks (Lanigan Field Hse) 855-9893
Apartments
1 Vacant (Apts 1-6)
176 Apartments
1 Vacant
LOUISIANA INTERSECTS

12-A

220 Saint Brigid Community School 854-2082
HAYWARD INTERSECTS
232 Robinson Margt
234 Carpenter Marcella
236 Bradley Audrey A
238 Hardy Florence E
240 Apartments
3 Vacant
4★Lowery Pamela
5 Jones Duane
6 Weatherspoon Debra
242 Apartments
1 Vacant
2 Milton Kimberly
3 Cody Bobbie J
4 Vacant
5 Vacant (Apts 5-6)
244 Apartments
1★Harris Edw
3 Vacant
4★Ross Faye
5 Vacant
6★Malone Rosemary
246 Apartments
1 Vacant
2 Vacant
3 Vacant (Apts 3-4)
5 Vacant
6 Vacant
248 Sommerville Barbara
250 Wright Dorothy M
252 Reed Bessie
254 Moses Brandon
260 Coleman Darlene
262 Huff Deborah
264 La Valley Johnnie Mae
266 Mc Cutcheon Annette
268 Apartments
1 Vacant (Apts 1-2)
3 Luper Alice
4 Davis Louella
5 Hardy Louise Mrs 856-7959
6 Thomas Florence E Mrs
270 Apartments
1 Vacant
2 Vacant
3 Howard Denise D
5 Hamblet Wanda J 854-3323
6 Vacant
272 Apartments
1 Lamb Dorothy M
2 Vacant (Apts 2-6)
274 Apartments
3 Cook Wm
5 Morrow Mona
276 Davis Denise R
278 Johnson Margt E Mrs
280 Buchanan Era D Mrs 856-4863
282 Barlow Sandra L
295 Benis Delicatessen 845-6346
Vacant
300 Vacant
302 Glenn Selena E
303 Cancel Carmen
Melendez Benigno 842-1863
304 Harris Wilma J
306 Figueroa Ragueo
308 Apartments
1 Vacant
3 Vacant
5 Vacant
309 Del Valle Lucy
Candelaria Carmen
310 Apartments
1 Vacant
3 Brinson Harriet A 855-2094
5★Foy John
311 Miazza June A Mrs
312 Apartments
1 Vacant
3 Vacant
6 Martin Geraldine
314 Apartments
1★Wise Lorelli
3 Vacant
4 Bishop Roosevelt 842-6926
5 Hall Jacquelyn
6 Vacant
315 Moore Jerry
316 Woods Louise
317 Dellawalle Regita
318★Williams Gloria
320 Vacant
321 Vacant
Vacant
322★Fredericks David
323 Gonzales Edwin
Mercado Gregorio
REAR Vacant
325 Cottrell Yvonne C
Vacant
326 Sanders Addie 847-1899
327 Gonzales Mariano
Rivera Margarita 842-0731
328 Dorssett Vernon 842-0427
329 Aman Margt F ◎ 854-0070
Vacant
330 Figueroa Juan 854-5522
332 Vacant
334 Apartments
1 Vacant (Apts 1-2)
3 Jones Teresa A 855-1292
4 Vacant
5 Pennick Deborah B
335 Vacant
336 Apartments
1 Vacant (Apts 1-2)
3 Sommerville Walter
4 Vacant (Apts 4-5)
6 Merritt Ernest
338 Apartments
3 Arroyo Maria D
5 Vacant
339 Vacant
Vacant
340 Apartments
3 Martin Mildred B 856-8384
5 Rainey Janet
6 Vacant
341 Gress Donna Mrs 842-1383
Padilla Angela
342 Tucker Phyllis A Mrs
344★Rennick Tyrone S
346 Vacant
348★Russell Leonard
HAMBURG ST INTERSECTS

2

ZIP CODE 14210
368 Pozdyn Joseph E ◎
372 Covell John W ◎ 854-7613
373 Rodgers Robt J ◎ 852-2591
★Martin James
374 Hevner Henry E 856-6657
375 Kozakiewicz Chester ◎ 854-0517
377 Clancy James B ◎ 855-2794
378 Zgoda Eliz A Mrs ◎ 852-0781
380 Lawson Eleanor B Mrs ◎ 854-5179
REAR Pfohl Nancy M Mrs 854-4132
384 Mac Neil Marie G 853-6494
Mongraw Wm ◎
REAR Vacant
386 Lilley Regis E
387 Hahache Wm ◎
Vacant
389 Caldarelli Joseph
Caldarelli Michl A ◎
390 O'Dierno Carlo ◎
392★Bryant Shirley Mrs ◎
393 Vacant
394 Meredith Norm A ◎
Gilmore Mabel V Mrs
RED JACKET INTERSECTS
402 Block Danl C
Vacant
403 Sumbrum Joseph 856-2914
406 Dziedzic Joseph A ◎
407 Grobelny Florence Mrs ◎ 856-0065
★Emblidge Robin E
408 Kozoduj Frances M Mrs ◎
410 Ersing Mary C Mrs ◎ 842-6991
411 Sadler Thos R ◎ 842-0578
REAR Vacant
412 Vacant
Vacant
REAR★Stuchal Christine
414 Faltisco James A
REAR Brunner Russell
415 Semrau Wm R ◎
REAR★Semrau Richd
416 Vacant
REAR Vacant
417 Szejnar Anna M Mrs ◎ 847-1802
★Sadler Susan Mrs ◎
419 Horrigan Walter V ◎
Frost Cathy A Mrs 847-2496
420 Mulawka Michl G 854-8852
REAR Vacant
Luvender Albert 856-0182
REAR Vacant
426★Stitts Patrick ◎
No Return
429 Wyant James ◎ 856-6004
CONRAIL CROSSES
VAN RENSSALEAR ST INTERSECTS
528 Duderewicz Mary Mrs ◎
530 Sabadasz James ◎
532 Feidt John M ◎ 822-7826
Feidt John M 823-5139
534 Binkowske Frank ◎
536★Choczynski Peter ◎
544 Pietraszewski Dorothy A Mrs
Pietraszewski Florence Mrs ◎
546 Reardon Gerald F ◎ 826-8664
547 Stanford Seed Parking Lot
550 Laettner Cath A Mrs ◎ 825-3201
560 Stanford Seed Co 825-3300
CONRAIL CROSSES
571 Vacant
573 Joseph Ann M Mrs ◎ 822-7109
Joseph Robt F 826-7635
575 Joseph Anna P ◎ 824-6758
577 Haladj Mary Mrs ◎ 823-0446
581 Walinski Sophie ◎
Vacant
584 Maciejewski Dennis A ◎
589 Courtney June Mrs
★Degman Caroline
591 Pierrot Jacqueline S Mrs 822-3503
Glover James F ◎ 824-3753
595 Jasin Dennis W ◎ 826-8520
Jasin Theresa 828-0529
597 Giezycki Walter ◎ 824-8482
Root Lawrence
599 Maxwell Richd ◎
REAR Vacant
601 Kurzanski's Bishop Food Store 824-7011
Kurzanski Edw A ◎ 826-1496
REAR Kowalski Mildred Mrs ◎ 825-5840
REAR★Kurzanski Shannon
602 Gallagher Patrick J ◎
REAR Myers Richd
604 Deschamps Desmond R ◎ 826-1119
605 Apotosky Richd
REAR★Zimmerman Martin
606★Mc Nerny Mary Ellen M
Orrick Terry D
607 Dzielski Michl ◎ 824-5390
Henry Wilma C Mrs 826-6791
REAR★Brown Kenneth
608 Locke Raymond W ◎ 824-5995
Locke Martha Mrs
610 Holobicky Thos ◎ 825-2247
Vacant
611 Papaj Eug D ◎ 822-2047
612 Kasprzak Albert A ◎
613 Vacant
614 Smardz Stanley A ◎ 824-0397
616 Vacant
617 Smardz Theo ◎
619 Wallace Wesley J ◎ 826-5345
Radka Donald
620 Pirog Thos J ◎ 825-3563
621 Bialy Genevieve B Mrs ◎ 823-6508
622 Walker David
623 Snyder Thos J ◎
624 Brant Robt W
Bruce Fred R ◎
625 Brill Ronald F ◎ 824-8963
Vacant
626 Frost Gordon R ◎
REAR Frankowski Robt
627 Rybczynski Julian J ◎ 824-8726
628★Zurawa John J ◎
Vacant
632 Vacant
635 Vacant
640 Stoll Thelma C Mrs ◎ 823-1419
641 Zwawa John S ◎
642 Kurzanski Fredk A ◎ 822-9937
643 Mann David ◎ 826-4687
644 Vacant
645 Kuminski Rosemarie Mrs 826-0396
Vacant
647 Grandy Gary J ◎ 825-1852
649 Burris Wesley
650★Brunner Diane
651 Richards Patrick J ◎ 824-5033
652 Bobro Florence ◎ 825-2423
653 Kotowski Chester P ◎ 826-1652
654 Nowak Irene M Mrs ◎ 825-3042
655 Choczynski Lottie J ◎ 825-1883
658 Burek Teddy A ◎
660 Choma Peter ◎ 825-4753
★Godziki Marie
664★Borsa Arthur A ◎
Vacant
665 Vacant
667 Pasniak Joseph E ◎ 825-5010
669 Cich Joseph J ◎
670 Toczynski Robt A ◎ 828-0379
671 Wrest Eug F ◎ 826-1676
Wrest Stella Mrs ◎ 824-2045
672 Dunn Craig M
673 Stanek Mary 826-2349
Oliver Robt ◎ 823-3648
674 Glica Chester M ◎
675 Kline Harry 824-8413
Slattery Wm T ◎ 824-2467
676 Waligur Peter W ◎ 825-3389
677 Vacant
Eisenhauer Arth F III ◎ 823-0927
678 Sweat Leon ◎ 825-8257
REAR Scott Vivian M ◎ 825-0549
682★Pawlik Edmund A 824-3273
Dobucke Helen C ◎ 823-8990
684 Gravius Thea S Mrs
Molezan John J 825-4489
688 Renkas Edw ◎ 825-4238
Vacant
692 Tunies Tavern
★Szaras James ◎
SMITH ST INTERSECTS

178

GAIL AV —FROM 404 EDISON ST EAST

ZIP CODE 14215
3 Strasser Edw R ◎ 834-9246
4 Ventresca Joseph T ◎ 834-9287
7 Cooper John ◎
8 Gerald Mc Kinley Jr ◎
11 Rushing Louise V Mrs ◎ 837-0983
12 Wisniewski Marcella Mrs ◎ 833-0813
15 Cochran Pauline Mrs ◎ 836-2708
16 Pugh Ronald W
19 Robinson Ronald C ◎
20 Kucharski Henry J ◎ 835-3077
23 Matthews Valerie ◎ 835-1563
24 Para Alice S Mrs ◎ 835-3786
28 Engler Albert J ◎ 833-6149
29 Griffin Timothy M ◎
32 Koeppel Alan J ◎ 834-4069
33★Smith Doris ◎
36 Frisa Petrina Mrs ◎ 832-1427
37 Kopeppel Loretta Mrs ◎ 836-6639
42 Ramsey Saml J Jr ◎
43 Woods Lester ◎ 838-4185
46 Humphrey Charles ◎
47 Mc Gee Louis E ◎ 835-7507
50 Baxter Calvin J ◎ 833-4485
56 Shaw Dorothy Mrs ◎ 832-1834
57★Bable Milton ◎
60 Butcher Leon ◎
61 Wilbon Artee ◎
64 Schadel Olga Mrs ◎ 837-1421
67 Hill Fredk ◎ 837-8196
70 Velardo Frank ◎ 832-0159
74 Bibby Debora ◎
EGGERT RD INTERSECTS

79

GALLATIN AV —FROM 219 ONTARIO SOUTHEAST TO 101 PROGRESSIVE AV

ZIP CODE 14207
12★Carpenter Timothy E ◎
13 Koszela Edw F ◎ 874-2033
14 Maracle Ruth G Mrs ◎ 874-0637
15★Webb Jas C 876-9696
18 Masse Charlene Mrs ◎
19 Demrow Betty M Mrs ◎ 874-1979
21 Cuthbertson Phyllis Mrs ◎ 874-0365
22 Perrello Vincent A ◎ 877-4298
25 Cerny Frank ◎ 877-0301
26 Vacant
27 Kreller Elmer ◎ 876-5941
28 Street Jeannie 877-7661
Kyse Terry 877-1292
31 Hagerty Timothy
Purucker Richd R ◎
32 Kyser John H ◎ 877-2233
33 Asarese Barbara C Mrs
34 D & P Service elec mech equip repr serv 874-1594
Robinson David J ◎ 874-1594
37 Britt James E ◎
38 Kijanka Richd J ◎ 876-3868
39 Britt Louise R Mrs ◎
★Ramos Loretta
40 Oehler Elsie K Mrs ◎ 876-4909
43 Grieco Thos A ◎
44 Pilon Raymond L ◎
46 Farrell Earl J ◎ 873-5337
47 Rohrback Robt B 877-6892
48 Smith Wm G ◎
49 Keifman Wm V ◎ 877-8963
50 Albert Howard C Jr ◎ 877-4530
51 Morey Jas E
Morey Danl B ◎ 876-6497
52 Kessman Arth C ◎ 876-9911
53 Gajski Eliz S Mrs ◎ 876-7645
55 Fudella Wm S ◎ 876-2355
56 Yager Vita M Mrs ◎ 877-3671
58 Dietrich John J ◎ 877-4471
61★Dries Lisa C 874-1274
Boncore Marvin 876-2279
62 Vacant
63 Leach Geraldine 876-6181
Leach Christine
Evans Vernon M
HUNT AV INTERSECTS
73 Montemage David R 875-8558
74 Crossley Jeanne G Mrs 873-7698
Mis Julia ◎ 875-1226
76 Franklin Herbert A ◎
77★Roth Lawr J
★Sutton Robt ◎
78 Williams Kenneth F ◎ 874-1804
79 Tumidolsky Stanley W ◎ 873-5190
81 Gausebeck Herbert
82 Marlett John E ◎ 873-7762
84 Vacant
85 Metzger Wm P ◎
Tripi Saml Jr 873-9288
87 Chenault Wyvan E ◎ 876-4459
Solsbak Eleanor 876-1963
88 Sherk Robt D ◎ 874-5346
89 Samol Robt M ◎ 875-8138
90 Smeal Marie Mrs ◎
92 Finnigan Mae A ◎
★Scherman Jean
95 Gardner Robt G ◎ 875-8199
96★Culhane Gerald J ◎ 875-1344
97 Botticello Joseph 877-7765
98 Gushue Geo C ◎ 876-5635
99 Merritt Robt N ◎ 876-9797
100 Schifano Salvatore M ◎ 873-1930
103 Plant Robt J ◎ 875-0675
104 Price Richd W ◎ 874-4297
106★Rein Robt J Jr 876-0928
107 Bruce Gladys M Mrs ◎ 876-0079
108 Fantauzzo Carl A ◎
109 Mangus Geo J ◎
110 Van Denbergh Alf P ◎ 876-9297
112 Kukla Henry K ◎ 875-6471
118 Horgan Francis J ◎ 873-9194
PROGRESSIVE AV INTERSECTS

76-B

GALLOWAY ST —FROM 81 BUFFUM SOUTHEAST TO 82 INDIAN CHURCH RD

ZIP CODE 14210
11 Vacant
15 Sherry John M ◎ 824-3349
25 Brown Sylvia B ◎
Furmanek Max
27★Long Carrol
29 Rutkowski Barbara Mrs ◎ 823-6757
INDIAN CHURCH RD INTERSECTS

128

GALVESTON PL —FROM 798 JEFFERSON AV EAST

ZIP CODE 14211

44

GANSON ST —FROM 587 OHIO NORTHWEST TO 54 S MICHIGAN AV

ZIP CODE 14203
40 City Fire Dept Engine Co No 10 855-8862
145 Lake Erie Transporation Co Inc trucking 856-8300
Burnett G W Trucking trucking 856-8300
155 Eastern Weighing & Insp Bur (Reclaim & Grain Bur) 854-6190
156 Pillsbury Co (Whse)

GANSON ST—Contd
191 Downing Container Service Inc rubbish removal 853-6116
201 Cowper John W Co Inc (YD) civil eng 845-6767
CONRAIL CROSSES
250 Pillsbury Co grain stge 849-7333
271 J W Cowper stge
281 Vacant
301 Vacant
323 Vacant
333 Frontier Leasing Corp truck rental 842-6292
391 Vacant
S MICHIGAN AV INTERSECTS

15

GARDEN ST —FROM 286 CAROLINA NORTHWEST

ZIP CODE 14201
6 Maldonado
8 Juan Rivera
10 Martinez Carmen Mrs
11 Arroyo Delia
33 Vacant
47 Vacant
VIRGINIA ST INTERSECTS

74-A

GARDON ST —FROM 749 S OGDEN EAST

ZIP CODE 14206
CAMBRIA INTERSECTS

75-A

GARFIELD ST —FROM 2143 NIAGARA EAST TO TONAWANDA ST

ZIP CODE 14207
14 Notar Michl D ◎ 877-5765
★Camizzi Steven
15★Chrissey Gregory
17 Pawlik Edw J ◎ 874-1334
19 Wean Linda L Mrs 877-3545
Quinn Marshall F 875-0514
20 Traenkle Wm R ◎
Felmet Reta L Mrs 877-6191
21 Hall Mildred E Mrs ◎ 873-3026
22 Vacant
★Gormley Eileen ◎
23 Brennan Marie Mrs ◎ 876-0296
Oddo Mary L 873-5311
24 Trietley Ross H ◎ 877-8516
25 O'Connor Bridget Mrs 873-2555
Brennan Mary Mrs ◎ 877-2498
27 No Return
28 Carpentieri Louis F ◎ 874-4964
Carpentieri Richd
29 Banyai Tina ◎ 875-7272
Rudolph Paul L 875-0297
Wozniak Anthony
30 Dolan Patk D ◎ 873-0771
32★Vossler Donna P Mrs 875-3459
EAST INTERSECTS
HARTMAN PL INTERSECTS
PEORIA INTERSECTS
111 Rose James A ◎ 876-2647
116 Schweitzer Raymond J ◎ 875-5546
120 Niemiec Frank J ◎ 874-0240
122 Sankey Robt C ◎ 875-0601
CALUMET PL ENDS
126 Rebesher John G 875-4767
Rennick K M 873-5859
128★Peal Michl
★Anrd Kyle
132 Schaffer John F ◎ 873-0105
★Schaffer Cath
134 Vacant
138★Dumas Wm
★Fisher Raymond P ◎ 873-2071
REAR Calladine
TONAWANDA ST INTERSECTS

69-A

GARNER AV —FROM 294 DEWITT EAST

ZIP CODE 14213
4 Wenrich Gerald M ◎ 886-0896
8 Ferrentino Anthony ◎
Carrow Claudia 884-2425
REAR★Perry Roberta
9 Fuzer Rita M Mrs 882-9246
10 Cochrane Wm J 882-7822
Wagner Nellie C Mrs 883-6266
12 Jamieson Clara W Mrs ◎ 883-0597
Jamieson Marty D 881-0780
15★Rodriquez Rose M 881-4113
Gembois Eggie 882-1951
15½★Zimmerman Mary B
★Palisano Margaret
16 Wenrich Marshall ◎ 885-8880
17★Lytle Esther M
★Wiggin Michael 885-0830
18 Kitson Leslie B 882-0931
Day Ruth M Mrs ◎ 883-8524
REAR★Plevniak Norma 883-3373
19 Battles Dorothy
Anderson Irene H Mrs
20 Valente Michael A ◎ 884-3954
Cina Kath A 884-3954
REAR Bak Fred M
21★Burz Diana ◎
24 Castiglia Nettie Mrs gro ◎ 883-7399
26 Lackey Herbert D ◎ 881-1150
27★Rogers Anna
★Brough Vincent A 882-6976
REAR★Thompson Sharon
29 Wildenkorn Henry ◎ 881-5371
REAR Hockenbery Wilbert
30 Hartke Margt E Mrs ◎ 883-9275
31★Myers Della
Robinson Valerie 884-2765
★Bromstead Doris Mrs 886-4529
32 Landsman Michl ◎ 883-9322
33 Hartsock Patricia 882-0369
Walter Robt G ◎ 882-7129
34 Volkots John L 882-4832
Moline Wm E
35 Cole Janet M ◎ 882-8319
38 Stein Leslie J Mrs 886-3154
Kovach Wm J ◎ 883-0570
39 Bald Kenneth E 885-5135
40 D'Orazio Patk ◎ 882-5852
★Comfort Christopher 882-4987
42★Rossney Kevin M 884-8715
Mc Swain Charles E 885-1306
43 Miller John E 881-5823
45 Vacant
46 Benzel Robert E ◎ 882-7834
47 Salansky Wm V ◎ 885-8607
Metals Rossney Geo E ◎ 882-9188
49 Dickey Donald E ◎ 883-1005
51★Melucci Maria Mrs
53 Anderson Harry ◎ 883-4174
★Collins Phyllis
55 Lombardo Mario R ◎ 885-6629
HERKIMER ST INTERSECTS

67-A

75 No Return
76 Apartments
1 Vacant
2 Misuraca Kenneth 882-0642
3 Vacant
4 Vacant
77★Abdullah Khalil
Cotolo Anthony 882-6715
79★Sailor Kimmarie 884-6245
Studt Res
80 Saletta Marie R ◎
83 Mellan Michl 883-3189
Smiraglia Vincent W ◎ 883-6156
84 Gardner Woodrow ◎ 886-7272
★Perry Chas 883-4265
85 Brucato Rosaria Mrs ◎ 885-1181
Kuhn Florence Mrs 833-8537
86 Donohue Alan
Esposito Jeanette 881-5049
89 Ellis Paul F acct ◎ 882-4060
Cottrell Arth J 885-8275
90 Harding Karen P Mrs
Szumansk Jos
91 Melluso Onofrio ◎ 886-3848
Smith Rose Ann Mrs
92 Denning Clarence A ◎ 886-6224
Doty Betty A Mrs
93 Vacant
94 Sharkey Ruth M Mrs ◎ 883-6696
95 Donoghue Nora M Mrs ◎ 884-5530
96 Capage Chas J ◎ 885-6867
101 Smith Alicia A 885-0529
101½★Oddo Deborah
102 Oddo Joseph P ◎ 882-8577
Oddo Edw
103 Wiesmore Victor H ◎ 883-4042
104 Learn Dennis G ◎
105 Philip Mark
REAR Vacant
105½ Vacant
106 Grant Albert ◎ 886-4648
108 Charczuk Henry ◎ 886-2952
109★Brant Dolorine
★Stearn Donald
112 Nelles Mary W Mrs ◎ 882-4587
Powell Michl 886-6869
115 Vacant
117★Nelles Lorne J ◎ 886-4062
REAR Dilapo Keith M 882-8424
118 Smith Raymond J ◎ 884-1615
Ace Painting Co 884-2776
120 Brant Roxanne L Mrs
122★Belka P
GRANT ST INTERSECTS
140 Kaiser Glenn
142 Cammilleri
Boyer
144 Masterman Melvin W Jr ◎
145★Logan Virginia M
149★Lawson Wm A 881-6760
151 Braymiller Ray D ◎
153 Berg Frances M Mrs ◎ 886-6383
154★Masterman Michl W ◎ 882-4936
155 Hitchman Mary E Mrs 886-3093
Miller Mary Mrs ◎ 885-2744
158 Stout Gerard W ◎
159 Duerr Willis H ◎ 886-4134
160 Walther Dennis
Cotton Grace E ◎ 884-6554
161 Gasper John E ◎ 886-8363
Gasper Ernest S 883-0673
REAR★Thies Marlene
162 Lewis Danl S ◎ 882-1924
164 Crane Wm
165★Kress Eugene
★Vallese Mark T
168 Stancanpono Frank A ◎ 886-5514
169 Bryan Harold E ◎ 884-3143
170 Rounds Arnold G ◎ 886-1691
171 Grunthaner Xavier G ◎ 883-1458
Grunthaner Carol Mrs 881-6765
172 Howard Michelle E ◎ 886-0855
175 Duewiger Paul D ◎ 883-8981
REAR Brown Velma 886-2935
176 Filippone Randall ◎ 881-4483
Dalessandro Karen
177 Adamczyk Beatrice Mrs 885-9017
Uhle Rose 881-0233
REAR Pieri Frank M 883-1999
179★Cutoco Jennie 886-3216
Kabalan Abdulla 883-2154
REAR Clark
180 Miller Nora J Mrs ◎ 883-1658
182 Burdick Priscilla E Mrs ◎ 884-2984
184 Gullo Ann R 885-4537
★Wroblewski Kim M 882-4100
PARKDALE INTERSECTS

48

GARVEY AV —FROM 399 HOPKINS EAST TO 51 FOLGER AV

ZIP CODE 14220
15 Bifaro Frank P ◎ 825-0797
18 Merkl Donald F 826-2557
Merkl Anna M Mrs ◎ 825-5792
22 Guzzo Mark A ◎ 822-5517
27 Mc Nerney Mark ◎
29 Anderson Michl G ◎ 822-3096
31 Mendez Librado ◎ 824-1204
32 Mc Andrews Jos M ◎ 825-8192
33 Allen Rose J Mrs ◎ 822-4571
★Rogerson Wesley
36 Gerrity Thos E ◎ 825-5391
37 Victor Robt J ◎ 823-5144
41 Galluzzi Dominic A ◎
42 Zuppinger Edmund J ◎ 822-0397
46 Autrino Frank F ◎ 823-0044
52 Sierant Thos C ◎ 826-6908
55 Pierakos James G ◎ 824-7349
59★Hatton Albert
62★Velasquez Juan A ◎ 824-5151
65 Losel Woodrow A ◎ 822-4480
★Limpert Sherlyn
66 Acquisto Anthony C ◎ 822-6062
Kelher James
72 Fazio James A ◎ 825-4533
Wasilewski Michl
73 Gordon Patk A ◎ 823-7924
76 Makowski Joseph M ◎ 824-8385
77 De Lallo Paul J ◎ 822-8416
80 Hartman Richd W ◎ 822-1058
83 Giannoni Genevieve M Mrs ◎ 826-2799
84 Hoth Leonard W ◎ 823-1850
86 Alexander Dorothy A Mrs ◎
87 Getz Michl A ◎ 826-8582
90 Renzi Albert ◎ 823-9712
91 Pirowski Stanley J ◎ 825-0724
92 Collado Dolores A ◎
96 Williams Edna M Mrs ◎ 823-1453
97 Bielinski Stephen H ◎
Tomaka Jane Mrs 826-2291
FOLGER INTERSECTS

98-A

GATCHELL ST —FROM 1620 BROADWAY NORTH TO DEAD END

ZIP CODE 14212
16 Kralisz Robt ◎ 896-1184
17 Steszewski Harry A ◎ 894-6880
Steszewski Robt E 894-1965
18 Vacant
19 Kramer Edw
Lewandowski Clara Mrs 894-5963
20 Wojciechowski Felix ◎ 896-7816
21 Mc Carthy Kathryn E Mrs ◎ 895-3178
22 Kosmala Edw ◎ 894-8156
23 Blaskiewicz Hattie T Mrs ◎ 894-1656
24 Goszczynski Frank ◎ 894-4078
Hughes Marie 896-7005
26 Later Richd L ◎ 897-1454
Szczerbiak Lynn
27 Torbicki Gregory J
31 Bogdan Sophie B 894-2336
Ziembiec Frank T ◎ 894-4572
32 Pasternak Henry J ◎ 894-1277
33 Boncol Valentine M ◎ 896-5287
Borczynski Richd J
34★Mohl Timothy
37★Gistek Michl
★Bundick Susan
38 Landi Phyllis M Mrs
Gaca Jane J 895-1390
39 Kawucha Alice ◎ 893-0386
Becker Sandra 893-5400
40★Noworyta Debbie A
42★Lis Estelle Mrs
Jankowski Eva Mrs
43★Prieur A
★Bouce Mark ◎
45 Becht Paul D ◎
48 Raczka Edw E ◎ 892-9743
49★Weber Bruce 895-1399
Do Bosz Stefan
50 Kwiatkowski Lillian Mrs
52 Godzisz Charlotte ◎ 892-9292
Hall Eileen J 896-7043
53 Wujek Russel J ◎ 892-7971
54 Snolen Peter ◎ 897-1572
55 Siejak Sigmund J ◎
Siejak Mary Mrs 892-9208
56 Noga Edw A ◎ 896-5369
59 Barczykowski Alois J ◎
60 Machelski Dan ◎
61 Meka Lillian B Mrs ◎ 894-0539
Kuzma Barbara J Mrs
64 Fachko Steph D ◎ 893-0749
65 Harzewski Charlotte V Mrs ◎ 893-0490
68 Church Of Christ Jesus Our Lord The rev gerald graham pastor
Karyczak Stephan 894-6156
PULLMAN PL INTERSECTS
74★Brzezowski Eug
76 Antowski Richd J 893-5022
Krayna Helen Mrs ◎ 895-1968
79 Sobkowiak Frances
Jacob Linda 894-0056
82 Szymanski James A ◎ 894-9597
83 Cyzewski Edw 894-4074
Ginter Cecilia Mrs 895-1821
84 Siejak Randall
Carrick Lee
85 Glowny Leo F ◎ 892-1918
88 Plewinski Eugenia ◎ 894-7291
89 Zielinski Adam R ◎ 894-4863
Bulatek Mary Mrs
90 Winterberg Edwin C ◎ 893-6943
91 Kloda Stanley
Werner Linda
93 Stocum Herbert ◎
Wierzynski Angeline Mrs 895-9859
94★Maciejewski B 897-2544
96★Kerruish Nancy
Hauser Jas 894-3434
97 Sum Valeria Mrs 897-1260
101 Basinski Ida Mrs 895-7284
Mankowski Rose T ◎ 895-4822
102 Barnas Conrad J ◎ 896-7353
103 Krajna Gerald ◎
Mondello Dorothy Mrs 897-1633
106 Bronowski Natalie P Mrs 895-9025
Gnacinski Irene T Mrs ◎ 894-7289
107 Skibicki Alice G
Lorenz Alice D
108 Wanat Eug J ◎ 894-9127
Seiser Theresa H
109 Vacant
110 Dragotta Anthony J
113 Andrzejewski Edwin W 893-3802
114 Kaylor Rita Mrs 895-5010
115 Turchiarelli Joseph
Szczublewski Irene
116 Goehrig Eug G ◎
119 Gaczewski Raymond ◎ 895-0534
Gaczewski Sharon
120 Koteras Eug N ◎
121 Cholewka Frank S ◎ 896-0258
122★Mc Sorley Anna 896-3703
125 Sadek Eug ◎
126 Grzybowski Lorraine C 897-1784
Walsh Noreen E 896-1991
128 Kubiak Agnes F Mrs ◎ 892-9494
130★Taylor Robt Jr
Palys Francis A ◎ 896-5472
131★Cross Mark R 896-0179
Saj Linda 896-0179
133 Szczepankiewicz Ronald J 895-7027
137 Bryk Richd J ◎ 895-3062
CONRAIL CROSSES

197

GATES AV (LACKAWANNA)—FROM 86 RIDGE RD SOUTH

ZIP CODE 14218
9 Vacant
15 Vacant
17 Vacant
26 Santiago Francisco
CHURCH BEGINS
SIMON ST ENDS
40 Green Elsie N Mrs 822-2751
42 Jiles O B 824-4531
44 Parker Adrian 823-9618
46 Vacant
47 Brown Mack 822-8042
48★Johnson Carol
49 Stevens Louise 826-8901
50 Ford Relda
51★Barber Jerome
52 Lackawanna Municipal Housing Authority 823-2551
53 Blakely Frank 825-2865
54 Apartments
1 Clark Jas
2 Johnson Veronica 826-9405
3 Simmons Willie
4 Barber Benj 824-3509
5 West Stanley 823-9340
6 Powell Lewis 826-1118
7 Terrse Venita
8 Herring Valerie P
9 Matthews Delcine
10 Mc Neil Becky
11 Vacant
12 Harris Erania Mrs
13 Odoms Voncell 823-2843
14 Washington Wilson 823-0397
15 Coles Stephen
16 Guttierrez Juan
55 Medler Alfredia Mrs 823-0533
56 Apartments
1★Perez Juan
2 Brown Walter L 824-3262
3 Anderson Earline Mrs
4 Matthis John
5 Mc Cracken Walter 826-3268
6 Glover Cynthia E
7 Smalls Ada 826-4236
8 Washington Olivia 823-8438
9 Tarpley Margt 823-0937
10 Coleman Vivian 825-5204
11★Santos Julio 822-4741
12★Evans Wanda
13 Owens Willie
14 Green Sharon L
15★Jackson Yvonne
16 Rose Theresa A
57 Dalton Jonnie Mrs 826-9429
58★Donaldson Jack
59 Thomas Barena Mrs 825-3741
60★Thompson Mildred Mrs
61 Taylor Theresa Mrs 825-7468
62★Thomas Rosalind
64 Woods Leroy J 823-3425
66 Thomas Wm 822-5232
68 Booze Judy
70 Apartments
1 Hendrix Jessie 822-8749
2 Vacant
3 Braction Carla 822-7603
4 West Harvey
5★Reese Linda Mrs
6 Mc Quiller Anastacia
7★Richardson Carl
8 Vacant
9 Mc Neil Sandra 822-0911
10 Davis Kassandra
11 Bobbitt Renee
12 Green Louise S 823-8115

WHERE TO BUY
IS AS IMPORTANT AS WHERE TO SELL GOODS



FOR YOUR ADDRESS
USE ZIP CODE

Buffalo, New York 14206
Wheelchair Van Service
(716) 824-9050
909 Bailey Avenue
School Bus Services - 6 to 60 Passengers
(716) 824-9106

YOUR DIRECT LINE TO NEWS WANT ADS 856-5555

FULTON ST—Contd
1 Vacant
272 Apartments
1 Vacant
274 Apartments
3 Vacant
276★Davis Denise
278 Johnson Martin B
280 Buchanan Era D Mrs 856-4863
282 Vacant
295 Vacant
Vacant
300 Mc Carter Marion L Mrs 853-3131
302 No Return
303★Torres Cancel
★Melendez Muldonado
304 Harris Wilma
306 Jones Rebecca
308 Apartments
1 Vacant
309 Laettner Geo F ◎ 854-0712
Vacant
310 Apartments
1 Vacant
311★Artlip June
312 Apartments
1 Vacant
2 Vacant
3 Vacant
4 Nelson Frank 856-0380
5 Vacant
6 Webb Charles
314 Apartments
1 Tise Mary M Mrs
3 Gilbert Daisey
4 Vacant
5 Williams Karen
6★Woods Louise
315 Kurek Theresa R ◎
No Return
316 Williams Gwendolyn A 849-0917
317 Vacant
318 Porter Lloyd 847-2694
320 Mc Bride Maxine
321 Dziedzic Chester J landscaper 853-5175
Herb Arth
322★Garrison Lawson
323 Blake Edw V 854-1490
Vacant
Rear Vacant
325 Blidy Gertrude R Mrs ◎ 856-9348
326 Harris Pamela
327 Vacant
Vacant
328 Dorsett Vernon 854-0509
329 Aman Margt F ◎ 854-0070
Vacant
330 Smith Ennis
332 Vacant
334 Apartments
2 Vacant
335 Figueroz Petra Mrs 847-2697
Christopher Susan
336 Apartments
1 Erie County Extension Assn City 4-H Club 853-5513
2 Vacant
3 Vacant
4 Vacant
5 Mc Clary James
6 Vacant
338 Vacant
Apartments
3 Vacant
6 Vacant
339★Panfil Barbara Mrs
Lynch
340 Apartments
3 Walden Debra
4 Vacant
5 Rainey Janet
6 Vacant
341★Gress Donna Mrs
★Shields Melvin 847-8958
342 Daubenspeck Sue
344★Brown Jane
346 Sands Lowella
348 White Jacqueline
HAMBURG ST INTERSECTS

2

ZIP CODE 14210
368 Pozdyn Joseph ◎
Vacant
372 Covell John W ◎ 854-7613
373★Rodgers Robt
★Rodgers Edw ◎
374★Craver Ruth
375 Kozakiewicz Chester ◎ 854-0554
377 Clancy James B ◎ 855-2794
378 Zgoda Arth ◎ 852-0781
380 Lawson Eleanor B Mrs ◎ 854-5179
Rear Pfohl Larry 854-4132
381 Vacant
Rear Vacant
384 Mac Neil Marie G 853-6494
★Mongraw Wm ◎
Rear Vacant
385 Lawson Lillian Mrs ◎
386 Vacant
387★Hahache Wm ◎
Vacant
389 Caldarelli Joseph
Caldarelli Michl A
390 Odierno Carlo ◎ 854-2574
392 Delaney Elna ◎ 854-2738
393 First Ward Tavern 855-9521
Joseph Carlton 854-6191
394 Meredith Norm
Gilmore Mabel V Mrs
RED JACKET INTERSECTS
402 Grek Stanley T ◎ 856-9493
Vacant
403 Sumbrum Joeph
406 Dziedzic Joseph A ◎
407 Grobelny Florence 856-0065
408 Kozoduj Frances M ◎ 853-0742
410 Ersing Mary C Mrs ◎ 853-6621
411 Golownik Vincent ◎
Rear★Luvender Kevin T
412 Kowalski Frank J ◎
Rear Sadler Thos W 853-2120
414★Faltisco Edw
Rear★Faltisco James
415 Semrau Wm R ◎
Rear Vacant
416★Brenner Russell
Rear Vacant
417 Szejnar Frank J ◎ 847-1802
Kozakiewicz Danl
419 Horrigan Walter ◎
★Frost Gordan
420★Mulawka Michl G 854-8852
Rear Vacant
Luvender Albert 856-0182
Rear Rotterman Geo S 854-8257
426 Stuchal Joseph ◎ 856-0677
Block Danl C
429 Wyant James ◎ 856-6004
CONRAIL CROSSES
VAN RENSSALEAR ST INTERSECTS
521 Vacant
528 Duderewicz Walter ◎
530★Sabadasz James ◎ 824-8538
531 Binkowski Frank R ◎
532 Feidt John M ◎ 822-7826
Perrine Gladys M Mrs 824-4758
534 Kurek John S ◎
Vacant
535 Chapman James W ◎
536 Kmiec Joseph G ◎ 825-3299
537 Wech Robt ◎
Rear Vacant
539★Kaiser Fred ◎ 826-0274
543 Faltisco Ralph P 824-8878
544 Burke Edgar M 826-7480
Pietraszewski Florence Mrs ◎
546 Reardon Gerald F ◎
547 Stanford Seed Parking Lot
550 Laettner Cath A Mrs ◎ 825-3201
560 Stanford Seed Co 825-3300
CONRAIL CROSSES
571 Swiateck Charles E ◎
573 Joseph Francis P ◎ 822-7109
Joseph Robt F 826-7635
575 Joseph Anna P ◎ 824-6758
577 Halady Mary Mrs ◎ 823-0446
581★Fiebelkorn Joseph
★Cieslack Paul
584 Picun Ihor J ◎ 825-4155
589 Courtney Ronald
★Schmidt Diane
591★Sabadasz Gregory
★Glover James
595★Jasin Dennis ◎ 826-8520
★Banks Herbert K Jr
597 Giezycki Walter ◎
Giezycki Henry 822-9573
Rear Rodziewicz Jenny Mrs
599★Maxwell Richd ◎
Rear Vacant
601 Kurzanski's Bishop Food Store 824-7011
Kurzanski Edw A ◎ 826-1496
Rear Kowalski Henry M ◎ 825-5840
602 Gallagher Patrick J ◎
Rear★Kollaga David
604 Deschamps Desmond R ◎ 826-1119
605 Apotosky Richd
Rear★Harrigan Frank
606★Orr Wm
Flatters Joseph
Nowak Mark
607 Dzielski Michl ◎ 824-5390
Henry Wilma C Mrs 826-6791
Rear Nowak Leroy
608★Locke Raymond ◎
★Locke Martha Mrs
610 Holobicky Thos ◎ 825-2247
Vacant
611 Papaj Eug D ◎ 822-2047
612 Glica Steph S ◎
Kasprzak Albert A
613 Rzadkiewicz Genevieve Mrs 822-6383
614 Smardz Stanley A 824-0397
616 Sieg Mabel A Mrs ◎ 825-2495
617★Smardz Theo
619 Waz Walter J ◎ 826-5345
Soloman R D 823-4527
620 Pirog Thos J ◎ 825-3563
621 Bialy Genevieve B Mrs ◎ 823-6508
622 Kerrvish Charles
623 Snyder Thos J ◎
624 Jasin Kevin S
625 Brill Ronald F ◎ 824-8963
Vacant
Rear Frost Thos
627 Rybczynski Julian J ◎ 824-8726
628★Grange Joseph
★Nickerson Roger
632 Chodukiewicz Dominic ◎ 825-3169
Vacant
635 Fultz Mildred ◎ 825-2183
640 Stoll Thelma C Mrs ◎ 823-1419
641 Zwawa John S ◎
642 Kurzanski Fredk A ◎ 825-7084
643★Mann David ◎ 826-4687
644 Smardz Michl J
645 Kuminski Donald J 826-0396
★Snyder Carol Mrs
647 Grandy Gary J ◎ 825-1852
649★Zwolinski Louis 825-2862
650 Vacant
651 Richards Patrick ◎ 828-1435
652 Bobro Stephanie Mrs ◎ 825-2423
653 Kotowski Chester P ◎ 826-1652
654 Nowak Irene M Mrs ◎ 825-3042
655 Choczynski Felix R ◎ 825-1883
658 Burek Teddy A ◎
660 Choma Peter ◎ 825-4753
★Bruzska Joel
664 Boras Arthur A ◎
★Karpinski Peter
665★Harrington Kelly Mrs
667 Pasniak Joseph E ◎ 825-5010
668 Bald Harvey A ◎ 822-4765
Jordan Wm R Jr
669 Cich Joseph J ◎
670 Toczynski Robt A ◎ 828-0379
671 Wrest Eug F 826-1676
Wrest Stella Mrs ◎ 824-2045
672 Dechamps Douglas
673 Stanek Rose
Oliver Robt
674 Glica Chester M ◎
675★Kline Harry
Slattery Wm T ◎ 824-2467
676 Waligur Peter W ◎ 825-3389
677 Vacant
Ostman Geraldine R Mrs 822-5016
678★Landwehr Paul ◎ 822-9431
Rear No Return
682 Leicht Robt J 826-8242
Dobicki Helen C ◎ 823-8090
684 Kemp Sandra
Gawel Stanley S 826-4828
688 Vacant (2 Fam Hse)
692 Wal-Roys Tavern 825-9524
Majtyka Walter W ◎
Vacant
SMITH ST INTERSECTS

178

GAIL AV —FROM 404 EDISON ST EAST

ZIP CODE 14215
3 Strasser Edw R ◎ 834-9246
4 Ventresca Joseph T ◎ 834-9287
7 Cooper John ◎
8 Gerald Mc Kinley Jr ◎
11 Rushing Theo Jr ◎ 837-9586
12 Wisniewski Marcella Mrs ◎ 833-0813
15 Cochran Angell M ◎ 836-2708
16 Pugh Ronald W
19 Robinson Ronald C ◎ 836-3638
20 Kucharski Henry J ◎ 835-3077
23★Matthews Valerie
24 Para Alice S Mrs ◎ 835-3786
28 Engler Albert J ◎ 833-6149
29 Griffin Timothy M ◎
32 Koeppel Alan J ◎ 834-4069
33 Dahl Henry E ◎ 836-3195
36 Frisa Petrina Mrs ◎ 832-1427
37 Kopeppel Aloysius ◎ 836-6639
42★Ramsey Saml J Jr
43 Woods Lester ◎ 838-4185
46 Humphrey Charles ◎
47 Mc Gee Louis E ◎ 835-7507
50 Baxter Calvin J ◎ 833-4485
56 Shaw Dorothy Mrs ◎ 836-6489
57 Vacant
60 Butcher Jean Mrs ◎
61 Wilbon Artee ◎ 837-2586
64 Schadel Adelbert L ◎ 837-1421
67 Hill Fredk ◎ 837-8196
70 Velardo Frank ◎ 832-0159
74 Sansone Dominick G ◎
EGGERT RD INTERSECTS

79

GALLATIN AV —FROM 219 ONTARIO SOUTHEAST

ZIP CODE 14207
12 Huber Donald A ◎ 877-2122
13 Koszela Edw F ◎ 874-2033
14 Marcle Ruth G Mrs ◎ 874-0637
15 Smith Jay F ◎ 873-3138
18★Masse David ◎
19 Demrow Betty M Mrs ◎ 874-1979
21 Cuthbertson David ◎ 874-0365
22 Umlauf Donald E ◎ 874-5034
25 Brozinski Wm 877-3720
26★Aguilor Henry ◎ 873-7918
27 Kreller Elmer ◎
28★Rodgers Sandra Mrs
★Woodley Kay Mrs
31 Pilon Raymond L 875-4108
Purucker Richd R ◎
32 No Return
33 Asarese Dominic
34 Scibetta Alphonse C ◎ 874-3553
37★Moser Dawna Mrs
Orton Adelaide F Mrs 875-9106
38 Kijanka Richd J ◎ 876-3868
39 Britt Clarence J ◎ 876-1184
Britt James E 875-5925
40 Oehler Elsie K Mrs ◎ 876-4909
43 Grieco Thos A ◎
44 Pequeen Jane A ◎ 876-5612
46 Maedl Raymond T ◎ 875-6748
47 Rohrback Robt B 877-6872
48 Smith Wm G ◎ 873-0426
49 Keifman Wm ◎
50 Albert Howard C ◎ 877-4530
51 No Return
No Return
52 Ressman Arth C ◎ 877-1675
53 Gajski Eliz S Mrs ◎ 876-7645
55 Fudella Wm S ◎ 876-2837
56 Yager Vita M Mrs ◎ 877-3671
58 Dietrich John J ◎ 877-4471
60 Palonai Susan Mrs ◎ 873-1015
★Rickard Mildred Mrs
61 Batcho Mike 874-1129
Grodek Mary Anne .
62 Muff Lawrence M ◎ 877-3250
63 Vacant
Schweitzer Patricia Mrs 876-6191
Vacant
HUNT AV INTERSECTS
73★Dolan John R ◎ 874-3308
Vacant
74 Crossley Jeanne G Mrs 873-7698
Mis Julia ◎ 875-1226
76 Franklin Herbert A ◎
Sloan Wyman E 875-2712
77★Montgomery Mary Mrs
★Puskas Cecelia Mrs ◎ 876-2165
78 Williams Kenneth F ◎ 874-1804
79 Tumidolsky Stanley W ◎ 873-5190
81 Gausebeck Constance T Mrs
★Fermo Mabel Mrs ◎ 875-9773
82 Marlett John E ◎ 873-7762
84 Gaudy Lawrence J ◎
85 Trippi Janice Mrs ◎ 873-9280
Trippi Saml Jr
87 Chenault Wyvan E ◎ 876-4459
Solsbak Eleanor 876-1963
88 Sherk Robt D ◎ 874-5346
89 Russell Helen G Mrs ◎
90 Mills Kenneth M ◎ 876-4509
92 Finnigan Mae A ◎
Slayton Minnie Mrs 877-4659
95 Gardner Rob ◎ 875-8199
96 Brown Agnes V Mrs ◎ 875-1344
97 Souter James P 874-3480
98 Gushue Geo C ◎ 876-5635
99 Merritt Robt N ◎ 876-9797
100 Schifano Salvatore ◎ 873-1930
103 Plant Robt J ◎ 875-0675
104 Price Richd W ◎ 874-4297
106 Dudley David J ◎ 876-7591
107 Bruce Howard H ◎ 876-0079
108 Fantauzzo Carl A ◎ 875-1420
109 Vacant
110 Van Denbergh Alf P ◎ 876-9297
112 Kukla Henry K ◎ 875-6471
118 Horgan Francis J ◎ 873-9194
PROGRESSIVE AV INTERSECTS

76

GALLOWAY ST —FROM 81 BUFFUM SOUTHEAST

ZIP CODE 14210
11 Schwartz Harold P ◎ 822-7002
15 Sherry John M ◎ 824-3349
25 Brown Sylvia B
★Furmanek Max
27 Lobuglro Grace
29 Rutkowski Barbara Mrs ◎ 823-6757
INDIAN CHURCH RD INTERSECTS

128

GALVESTON PL —FROM 798 JEFFERSON AV EAST

ZIP CODE 14211

44

GANSON ST —FROM 587 OHIO NORTHWEST

ZIP CODE 14203
40 City Fire Dept Engine Co No 10 855-8862
145 Lake Erie Transporation Co Inc 856-8300
CONRAIL CROSSES
155 Eastern Weighing & Insp Bur (Reclaim & Grain Bur) 854-6190
156 Pillsbury Co (Whse)
189 Vacant
191 Downing Container Service Inc rubbish removal 853-6117
201 Cowper John W Co Inc (YD) 853-4550
CONRAIL CROSSES
250 Pillsbury Co 849-7333
Pillsbury Co (Grain Elev) 852-7682
271 Vacant
281 Buffalo River Tool Co Inc sls ind tools 856-2880
Gordon Provision Inc marine provision 856-4473
283 Roy Track Co Inc industrial railroad sidings 856-4150

USE ZIP CODE
MR. ZIP

TP	Adjoining	Source
✓	✓	R. L. Polk Co.

GANSON ST 1975

Citibank
PHONE 849-2400
409 MAIN AT CLINTON
BUFFALO, N.Y. 14203
MEMBER F.D.I.C.

149

FULTON ST—Contd
645 Kuminski Donald J 826-0396
No Return
647 Grandy Gary J ◎ 825-1852
649 Zwolinski Louis ◎ 825-2862
650 Westfall Gerald E
651 Amplement Eleanor M Mrs ◎ 822-2258
652 Bobro Stephanie Mrs ◎ 825-2423
653 Vacant
654 Nowak Irene M Mrs ◎ 825-3042
655 Choczynski Felix R ◎ 825-1883
658 Burek Teddy A ◎ 825-4522
660 Chona Peter ◎ 825-4753
Trubick Richd 824-1565
664 Boras Arthur A ◎
Karpinski Peter 825-2811
665 Hayden Ronald P ◎ 824-2090
667 Hayes Charles W ◎ 824-3087
668 Bald Harvey A 823-0797
Jordan Wm R Jr 823-7014
Rear★Cole Marian Mrs
669 Krywcun John ◎ 822-2213
670 Thompson Howard K ◎ 823-6760
671 Wrest Eug F 826-1676
Wrest Stella Mrs ◎ 824-2045
672 Thompson Edw J ◎ 825-6591
Schimpf Dennis 826-6013
673 Grabowski Anthony L 822-6308
Kurek Mary Mrs ◎
674 Glica Chester M ◎
675★Grabowski David A 826-7540
Slattery Wm T ◎ 824-2467
676 Waligur Peter W ◎ 825-3389
677 Dolce John A 825-4434
Ostman Geraldine R Mrs
678 Snyder Thomas J 823-6236
Rear Chapman James W
Rear Sadowski Peggy J
682★Leicht Robt J 826-8242
★Mrozek Danl J
684 Davis Caroline Mrs 825-3392
Vacant
688 Renkas Edw J 825-4238
Renkas John ◎
692 Wal-Roys Tavern 825-9524
Majtyka Walter W ◎ 826-4368
Vacant
SMITH ST INTERSECTS

178
GAIL AV —FROM 404 EDISON ST EAST

ZIP CODE 14215
3 Strasser Edw R ◎ 834-9246
4 Ventresca Joseph T ◎ 834-9287
7 Cooper John ◎
8 Gerald Mc Kinley Jr ◎
11 Rushing Theo Jr ◎ 837-9586
12 Wisniewski Danl E ◎ 833-0813
15 Cochran Angell M ◎ 836-2708
16 Metzger Richd E ◎ 832-3476
19 Robinson Ronald C ◎ 836-3638
20 Kucharski Henry J ◎ 835-3077
23 Reiner Antoinette Mrs ◎ 837-0314
24 Para Alice S Mrs ◎ 835-3786
28 Engler Albert J ◎ 833-6149
29 Deegan Wm J ◎ 834-9028
32 Koeppel Alan J ◎ 834-4069
33 Kotkiewicz Frank C ◎ 833-2423
36 Frisa John F ◎ 832-1427
37 Simpson Gilbert F ◎ 835-3886
42 Smith Joseph F ◎ 833-3137
43 Wilkinson Edw A ◎ 832-2946
46★Humphrey Charles ◎
47 Mc Gee Louis E ◎ 835-7507
50★Baxter Calvin J ◎ 833-4485
56★Maska Danl ◎
57 Dentico Carl P ◎ 837-5102
60 Butcher Leon ◎
61 No Return
64 Schadel Adelbert L ◎ 837-1421
67 Swartz Howard C ◎ 833-3730
70 Velardo Frank O ◎ 832-0159
74 Sansone Dominick G ◎
EGGERT RD INTERSECTS

79
GALLATIN AV —FROM 219 ONTARIO SOUTHEAST

ZIP CODE 14207
12 Huber Donald A ◎ 877-2122
13 Koszela Edw F ◎ 874-2033
14 Maracle Russell H ◎ 874-0637
15 Smith Jay F ◎ 873-0679
18 Simpson Dorothy Mrs ◎ 873-8434
19 Demrow Betty M Mrs ◎ 874-1979
21 Schwartz Robt C ◎ 874-2549
22 Kunz Albert C Rev 873-6545
25 Zuchlewski Dennis F ◎
26 Mc Morrow Mona Mrs ◎ 875-1932
27 Kreller Elmer ◎ 876-5941
28 Carson Viola H Mrs ◎ 877-8696
Michels Clarence
31 Purucker Natalie A Mrs 874-4044
Purucker Richd R ◎ 876-9587
32 Mc Mann Robt B ◎ 873-6687
33★Asarese Dominic
34 Scibetta Alphonse C ◎ 874-3553
37 Herbison Nessie Mrs 875-5499
Orton Arth R ◎ 875-9106
38 Kijanka Richd J ◎ 876-3868
39 Britt Clarence J ◎ 876-1184
40 Oehler Elsie K Mrs ◎
43 Grieco Thos A ◎ 873-9119
44 Pequeen Jane A ◎ 876-1929
46 Maedl Raymond T ◎ 875-6748
47 Rohrback Robt B
48 Smith Wm G ◎
49 Keifman Wm V ◎ 877-4755
50 Albert Howard C ◎ 877-4530
51★Lewis Earl
Ladanyi Edna L ◎ 876-6839
52 Ressman Arth C ◎ 877-1675
53 Gajski Leo S ◎ 876-7645
55 Fudella Wm S ◎ 876-2837
56 Yager Vita M Mrs ◎ 877-3671
58 Dietrich John J ◎ 877-4471
60 Palonai Susan Mrs ◎ 873-1015
Palonai Janet E 874-2482
61 Batcho Mike 874-1129
★Grode K Mary Anne
62 Muff Lawrence M ◎ 877-3250
63 Edith's Delicatessen 877-1316
Shea Edith Mrs ◎ 877-1316
Schweitzer Mary P Mrs 873-9605
★Peasland Charles
HUNT AV INTERSECTS
73 Jones Thos E ◎ 875-2190
Ralston Kenneth 874-2988
74 Crossley Jeanne G Mrs 873-7698
Mis Julia ◎ 875-1226
76 Franklin Herbert A ◎
Sloan Wyman E 875-2712
77 Sullivan Kathleen 877-1291
Myers Geo W ◎ 876-2019
78 Williams Kenneth F ◎ 874-1804
79 Tumidolsky Stanley W ◎ 873-5190
81★Swineford Douglas ◎ 877-8586
Gausebeck Constnace T Mrs
82 Marlett John E ◎ 873-7762
84 Gaudy Lawrence J ◎ 875-7672
85 Tripi Janice Mrs ◎ 875-6078
Tripi Sam Jr 874-3886
87 Chenault Wyvan E ◎ 876-4459
Vacant
88 Sherk Robt ◎ 874-5346
89 Russell Helen G Mrs ◎
90 Mills Kenneth M ◎ 876-4509
92 Finnigan Mae A ◎
Slayton Minnie Mrs 877-4659
95 Borkowski John E ◎ 875-8674
96 Brown Agnes V Mrs ◎ 875-1344
97 Riexinger Ethel P Mrs ◎ 875-3971
98 Gushue Geo C ◎ 876-5635
99 Merritt Robt N ◎ 876-9797
100 Schifano Salvatore ◎ 873-1930
103 Youngman Mary F Mrs ◎ 875-9194
104 Price Richd W ◎ 874-4297
106★Dudley David ◎
107 Bruce Howard H ◎ 876-0079
108 Fantauzzo Carl A ◎
109 Fox Sara Mrs ◎ 877-7683
110 Van Denbergh Alf P ◎ 876-9297
112 Kukla Henry ◎ 875-6471
118 Horgan Francis J ◎ 873-9194
PROGRESSIVE AV INTERSECTS

76
GALLOWAY ST —FROM 81 BUFFUM SOUTHEAST

ZIP CODE 14210
11 Schwartz Harold P ◎
15 Sherry John M ◎ 824-3349
25 Brown Sylvia
Cliff Geo H 826-6678
27 Konwicki Felix J ◎ 825-5372
★Cummings Paul F 828-1162
29 Rutkowski Barbara Mrs ◎ 823-6757
Vacant
INDIAN CHURCH RD INTERSECTS

128
GALVESTON PL —FROM 800 JEFFERSON AV EAST

ZIP CODE 14211
40 Vacant
44 Vacant
46 Vacant
50 Gerard Joseph W 853-2880
56 Pitts Elmer J ◎ 853-3859
60 Williams Ernestine Mrs
64 Vacant

107
GALVIN PL —NORTH TO 1730 KENMORE AV

ZIP CODE 14216
KENMORE AV INTERSECTS

44
GANSON ST —FROM 757 OHIO NORTHWEST

ZIP CODE 14203
40 City Fire Dept Engine Co No 10 853-9809
City Fire Dept Hook & Ladder Co No 8 853-9809
145 N & K Cartage Co Inc trucking 852-8773
BFLO CREEK R R CROSSES
155 Eastern Weighing & Insp Bur (Reclaim & Grain Bur) 852-3022
156 Pillsbury Co (Whse)
189 Roberts Restaurant 852-9300
Roberts Margt Mrs ◎ 852-5716
191 Downing Container Service Inc rubbish 853-6117
193 Vacant
201 Cowper John W Co Inc (YD) 853-4550
BFLO CREEK RR CROSSES
250 Pillsbury Co (Grain Elev) 852-7682
271 Gordon Provision Inc 856-4473
281 Ramac Welders Fabricators Blacksmith Inc 853-6036
283 Roy Track Co Inc industrial railroad sidings 856-4150
301 Great Lakes Towing Co Of Cleveland Inc (Br Ofc) 852-0451
333 Vacant
Steph Pidgeon guard 882-3847
389 Schaefer F & M Inc grain elev 885-6316
S MICHIGAN AV INTERSECTS

15
GARDEN ST —FROM 286 CAROLINA NORTHWEST

ZIP CODE 14201
6★Pirila Angelo
★Galloway Myrna Mrs 856-1517
8★Gozdziak Robt
Santiago Gabriel 856-3511
10 Santiago Carlos 854-0607
Madera Eddie
11 Puglisi Gaetano ◎ 853-1166
16 Vacant
Buscaglia Guiseppe ◎ 852-5839
VIRGINIA INTERSECTS
19 Vacant
22 Vacant
25 Vacant
46 O'Shea Patricia E
47 Vacant
56 Vacant

74
GARDON ST —FROM 749 S OGDEN EAST

ZIP CODE 14206
CAMBRIA INTERSECTS

75
GARFIELD ST —FROM 2143 NIAGARA EAST

ZIP CODE 14207
14 Kayes Robt E ◎ 873-2614
Rollo Pearl R Mrs 876-3291
15 Notar Michl 877-5765
Cerankoski Phillip
17 Pawlik Edw J ◎ 874-1334
19 Wean Linda L Mrs 877-3545
Quinn Marshall F plasterer 875-0514
20 Traenkle Wm R ◎ 873-5453
Trietley Gerald G 875-7804
21 Fowler Geo R 873-1692
22 Hall Charles D ◎ 873-3026
Thomas Katherine J 877-8156
23 Brennan Harry O ◎ 876-0296
Rear★Brennan Joan
24 Clabeaux Frank A ◎ 876-9156
Clabeaux Dorothy E Mrs 877-3167
25★O'Connor John 873-2555
Brennan Richd J ◎ 877-2498
27 Watts Douglas L ◎ 877-4444
28 Clabeaux Richd J ◎ 877-3998
Clabeaux Pierre J ◎ 877-3586
29★Keller Andrew ◎
Banyai Vilmos 875-7272
30 Lundy Clarence R ◎ 877-2438
32★Hawkins Joseph 874-2994
Snell
EAST INTERSECTS
HARTMAN PL INTERSECTS
PEORIA INTERSECTS
111 Duffy Victoria P Mrs ◎ 877-7478
116 Schweitzer Raymond J ◎ 875-5546
120 Niemiec Frank J ◎ 874-0240
122 Ferris Wm A ◎ 876-4759
CALUMET PL ENDS
126 Smith Wm H 874-1038
Villa Edgar T 873-8245
128★Piel Michl
Beck John T ◎ 874-8251
132 Schaffer John F ◎ 873-0105
Schaffer Wm J 875-4252
134 Jones Beverly M ◎ 875-2029
138 Hendrzak John J
Johnson Helen I Mrs ◎
Rear Rishkofski Leonard B 875-1252
TONAWANDA INTERSECTS

69
GARNER AV —FROM 289 DEWITT EAST

ZIP CODE 14213
4 Wenrich Gerald M ◎ 886-3543
8 Ferrentino Anthony
Frigioni Albert J 885-4952
Rear Rivera Jacobo R 885-5971
9 Needham Barry A 885-7015
10★Cochrane Barbara L
Wagner Edw J 883-6266
10½ Vacant
12 Jamieson Robt D ◎
Jamieson Gloria R 885-8157
15 Fuzer Rita M 882-9246
Showalter Frances Mrs
15½ Ghatti
Wilhelm Irene Mrs 884-5534
16 Calhoun Geo E ◎ 882-5258
17 No Return
Vacant
18★Kitson Leslie B 882-0931
Day Ruth M Mrs ◎ 883-8524
Rear★Crothers Ellen H Mrs
19 Calhoun Richd B ◎ 885-6113
Golowka Joseph A
20 Cina Grace P Mrs ◎
Berg Fred
Rear★Berg Janice M 881-1521
21 Picogna Charles 883-7065
24 Castiglia Nettie Mrs gro ◎ 883-7399
★Lukasierwicz Thos
26 Lackey Herbert D ◎ 881-1150
27★Groll Helen C Mrs
Kabalan Edmund ◎ 882-4804
★Clark Nancy L 881-2684
29★Hockenbury Cheri
Wildenkron Henry ◎
Rear★Mitchel Geo
30 Hartke Margt E Mrs ◎ 883-9275
31★Giancarlo S J TT6-5969
Hoffman
32 Chadderdon Howard I ◎ 882-2830
33 Cole Helen J Mrs 882-3711
Walter Robt G 882-7129
34★Volkots John L
★Greco Thos J
35 Bowen Irene A Mrs ◎ 882-7029
38 Blint Eva Mrs 884-9245
Kovach Wm J ◎ 883-0570
39 Martenson Dorothy L Mrs ◎ 884-1501
40 Ganci Salvatore ◎ 884-6595
La Greca
42 Greco Domenica Mrs ◎ 883-1835
Mc Swain Charles E 885-1306
43 Williams Robt D ◎ 884-3085
45 Giglia Rose Mrs ◎ 885-8069
Rugh James C 883-7862
46 Leyland Thos A ◎ 886-3856
47 Salansky Wm
48 Rossney Geo E ◎ 882-9188
49 Dickey Donald E ◎ 883-1005
51 Jones Christopher C ◎ 883-6745
53 Anderson Harry ◎ 883-4174
★Musser Nevin M
55 Lombardo Mario R ◎ 885-6629
HERKIMER ST INTERSECTS

67
75 Barba Saverio P 886-5824
★Rutagalino Mary Mrs ◎ 885-4680
76 Apartments
1 Vacant
2 Elkins Theo A
3 Wright Wm L 885-2814
4★Mishook Veronica G
77 Grant Donna M Mrs 886-1582
Vacant
79★Nice Mary E Mrs
No Return
80 Saletta Marie R ◎
83 Luke Frank 881-3653
Foley Margt A Mrs 883-0079
84 Gardner Woodrow ◎
Myers Henry G
85 Brucato Rosaria Mrs ◎ 885-1181
Pretoroti Mildred Mrs
86 Jewell Suzanne 883-0181

YOUR DIRECT LINE TO NEWS WANT ADS
856-5555

64 Peabody St., Box 101, Buffalo, New York 14240 Telephone 716 824-6400
INDUSTRIAL SUPPLIES AND EQUIPMENT
320 Porter Avenue, Buffalo, N.Y. 14201 (716) 886-8100

TP	Adjoining	Source
✓	✓	R.L. Polk Company, Inc.,

GANSON ST 1970

YOUR DIRECT LINE TO NEWS WANT ADS 856-5555

GALLATIN AV—Contd
89 RUSSELL JAMES E ●
90 MILLS KENNETH M ● 876-4509
92 FINNIGAN MAE A ●
SLAYTON MINNIE MRS 877-4659
95 BERNOSKI CHARLES L ●
875-2991
96 CULHANE GERALD P ● 875-1344
97 RIEXINGER ETHEL P MRS ●
875-3971
98 GUSHUE GEO C ● 876-5635
99 BOSKAT GEO C ● 876-3462
100 SCHIFANO SALVATORE ●
873-1930
103 YOUNGMAN MARY F MRS ●
875-9194
104 PRICE RICHD W ● 874-4297
106 SEIFLEIN ELEANOR J ●
873-1618
107 BRUCE HOWARD H ● 876-0079
108 YOUNG RICHD F ● 877-7524
109 MYRICK CLAIR E ● 876-4815
110 VAN DENBERGH ALF P ●
876-9297
112 KUKLA HENRY ● 875-6471
118 HORGAN FRANCIS J ● 873-9194
—PROGRESSIVE AV INTERSECTS

66
GALLOWAY ST -FROM 81 BUFFUM ST SOUTHEAST

—ZIP CODE 14210
11 SCHWARTZ HAROLD P ● 822-7002
15 SHERRY JOHN M ● 824-3349
25 CARRICK JUNE
CLIFF GEO H
27 KONWICKI FELIX J ● 825-5372
MUNIZ THEO
29 RUTKOWSKI JOHN F ● 823-6757
—INDIAN CHURCH RD INTERSECTS

128
GALVESTON PL -FROM 800 JEFFERSON AV EAST

—ZIP CODE 14211
35 WILSON WILLIE B MRS 856-5726
40 VACANT
44 VACANT
46 CARLTON EBAN
50 MAUER MINNIE M MRS ●
853-2880
56 PITTS ELMER ● 853-3859
60 STROLBEL ANTHONY A ●
853-5893
64 ROSBY HELEN MRS ●

101
GALVIN PL -NORTH ½ BLK 2 EAST OF ELMWOOD AV (NOT OPEN)

—ZIP CODE 14216
—KENMORE AV INTERSECTS

44
GANSON ST -FROM 757 OHIO NORTHWEST

—ZIP CODE 14203
40 CITY FIRE DEPT ENGINE CO NO 10 853-9809
CITY FIRE DEPT HOOK & LADDER CO NO 8 853-9809
45 N & K CARTAGE CO INC
TRUCKING 852-8773
—BFLO CREEK RR CROSSES
155 EASTERN WEIGHING & INSP BUR (RECLAIM & GRAIN BUR)
852-3022
156 PILLSBURY CO (WHSE)
161 VACANT
189 ROBERTS HOTEL & RESTAURANT
852-9300
ROBERTS MARGT MRS ●
852-5716
191 DOWNING CONTAINER SERVICE INC RUBBISH 853-6117
193 DIAMOND CRYSTAL SALT CO (WHSE) 854-8530
PFOHL WM TRUCKING 854-8530
201 COWPER J W CO INC (YD)
853-9133
225 GANSON GRILL RESTR 854-9217
—BFLO CREEK RR CROSSES
250 PILLSBURY CO (GRAIN ELEV)
852-7682
271 GORDON PROVISION INC
856-4473
281 RAMAC WELDERS FABRICATORS
853-6036
283 ROY TRACK CO INC INDUSTRIAL RAILROAD SIDINGS 856-4150
301 GREAT LAKES TOWING CO OF CLEVELAND INC 852-0451
333 AGWAY INC FEED MILL
885-9600
AGWAY (GUARD OFC)
389 SCHAEFER F & M INC GRAIN ELEV 885-6316
—S MICHIGAN AV INTERSECTS

13
GARDEN ST -FROM 286 CAROLINA NORTHWEST

—ZIP CODE 14201
6 GALLOWAY MYRNA MRS ● 859-1517
STARRS ELIZ MRS 854-8740
8 SANTIAGO LUIS 856-2928
HOLLEY ANN 856-3511
10 SANTIAGO CARLOS 854-0341
11 PUGLISI GAETANO ● 853-1166
TRUCHLINSKI VICTORIA M
853-1913
PETITTO LUCIANO 856-7170
16 GERGOFF MIRO 852-0713
BUSCAGLIA JOSEPH
19 VACANT
45 VACANT
46 VACANT
47 GONZALEZ JOSE
56 VACANT
—VIRGINIA INTERSECTS

74
GARDON ST -FROM 749 S OGDEN EAST

—CAMBRIA INTERSECTS

75
GARFIELD ST -FROM 2143 NIAGARA EAST

—ZIP CODE 14207
14 KAYES R EMMETT ● 873-2614
ROLLO PEARL R MRS 876-3291
15 FELLE RICHD A 877-5999
COLBY MARY MRS 875-5258
17 PAWLIK EDW J REV ● 874-1334
19 WEAN LINDA L MRS 877-3545
QUINN MARSHALL F 875-0514
20 TRAENKLE WM R ● 873-5453
TRIETLEY GERALD G 875-7804
21 YOCKEY MABEL L MRS ●
876-7521
22 HALL CHARLES D ● 873-3026
THOMAS KATHERINE J 877-8156
23 BRENNAN HARRY O ● 876-0296
REAR MAC FARLANE LOUISE A MRS 876-0174
24 CLABEAUX FRANK A ● 876-9156
CLABEAUX FRANCIS 877-3167
25 BELLER BARBARA MRS
BRENNAN RICHD J 877-2498
27 WATTS DOUGLAS L ● 877-4444
28 CLABEAUX RICHD J ● 877-3998
CLABEAUX PIERRE J ● 877-3586
29 WARGULA JOHN
FALK GILBERT R ● 877-3395
DOBSON DAVID G 877-2249
30 LUNDY CLARENCE R ● 877-2438
32 THEIL LEONARD C
SNELL GEO H
—EAST INTERSECTS
—HARTMAN PL INTERSECTS
—PEDRIA INTERSECTS
111 DUFFY VICTORIA P MRS ●
877-0113
116 SCHWEITZER RAYMOND J ●
875-5546
120 NIEMIEC FRANK J ● 874-0240
122 BENK WM H ● 877-6998
—CALUMET PL ENDS
126 BECK JOHN V ● 877-6061
128 BECK JOHN ● 876-1638
DEAN HARRY 875-3670
132 SCHAFFER JOHN F ● 873-0105
SCHAFFER WM J 875-4252
134 JONES BEVERLY M ● 875-2029
138 HENDRZAK JOHN J
JOHNSON CHARLES R ●
875-4387
REAR RISHKOFSKI LEONARD B 877-7546
—TONAWANDA INTERSECTS

69
GARNER AV -FROM 289 DEWITT EAST

—ZIP CODE 14213
4 WENRICH GERALD M ● 886-3543
8 FERRENTINO ANTHONY
FRIGIONI ALBERT
REAR RIVERA JACOB R 882-7835
9 NEEDHAM BARRY A 885-7015
10 PRUITT GENE ● 885-3008
WAGNER EDW J 883-6266
10½ CALHOUN GEO E 882-5258
12 VACANT
JAMIESON ROBT D ● 883-9603
15 FUZER ISTVAN 882-9246
MONTANTE LOUIS C 884-2196
15½ STOWELL WM R 884-6702
16 BERG IDA M MRS ● 886-4989
17 MC BRIEN JAMES L 882-3994
BRIGHAM PHILIP ● 884-3979
18 STAUB LILLIAN MRS ●
DAY RUTH M MRS 883-8524
REAR KITSON LESLIE B 882-0931
19 SEAMAN WM P ● 886-3699
20 CINA ANTHONY F JR ● 885-0898
REAR WRZOS NORMA MRS 893-4197
21 NO RETURN
24 CASTIGLIA NETTIE MRS GRO ● 883-7399
MC LARNEY OWEN S
26 LACKEY HERBERT D ● 885-9634
27 HEYER BEATRICE W 885-2295
CALHOUN RICHD B 885-6113
REAR SUPPLES GEO
29 WEBB LILLIAN E MRS 882-2085
WILDENRODE HENRY A
REAR DEMLEN JOSEPHINE MRS
30 HARTKE MARGT E MRS ●
883-9275
31 INCORVAIA JACK P ●
REAR CADONOWICZ THOS W
32 CHADDERDON HOWARD I ●
882-2830
33 COLE HELEN J MRS 882-3711
WALTER ROBT G 882-7129
34 GRECO THOS J 884-5473
GIGLIA ANTHONY J 883-6136
35 BOWEN IRENE A MRS ● 882-7029
38 BLUNT ERNEST 884-9245
KOVACH WM J ● 883-0570
39 MARTENSON DOROTHY L MRS ● 884-1501
40 GANCI SALVATORE ● 884-6595
TIRONE ANTHONY J 886-0988
42 GRECO DOMENICA MRS ●
883-1835
MC SWAIN CHARLES E 885-1306
43 SWICK LLOYD B ● 886-7272
45 GIGLIA ROSE MRS ● 885-8069
RUGH JAMES C 883-7862
46 LEYLAND THOS A ● 886-3856
47 SALANSKY WM 885-0194
48 MAIORANA FRANK ● 885-4566
49 DICKEY DONALD E ● 883-1005
51 JONES CHRISTOPHER C ●
883-6745
53 ANDERSON HARRY ● 883-4515
DEXTER AGNES MRS
55 LOMBARDO MARIO R ● 885-6629

67
—HERKIMER INTERSECTS
75 BARBA SAVERIO P 886-5824
76 APARTMENTS
1 MITTEN IRA 885-3969
2 SANTASIARO ANTHONY 886-1929
3 ELKINS THEO
4 CONSTABLE ELLEN MRS 886-0276
77 GRANT JAMES T 886-4783
SIECZKARSKI EDW F 885-5761
79 DE GEORGE FRANK J ● 885-8481
SCHALEK EVELYN K
80 SALETTA MARY ●
83 GETTLEMAN BERNICE ●
SCHOSTICK FRANK H 885-1633
84 GARDNER WOODROW B ● 886-2769
85 BRUCATO ROSARIA S MRS ● 885-1181
GALBO DOLORES 883-9193
86 COTTRELL CLARA MRS 884-5913
89 ELLIS FLORENCE B ● 882-4060
ELLIS PAULL F ACCT ● 882-4060
COTTRELL ARTH J 885-8275
90 SHANAHAN DANL M ● 884-8106
CZUBINSKI THEO 883-5927
91 KALWAY JOHN ● 883-1042
RAYMOND J LOUISE 884-9304
92 DENNING CLARENCE A ● 886-6224
DOTY DAVID D 883-4306
93 NERI CHARLES A ● 886-2839
94 SHARKEY JOHN G ● 884-1584
95 DONOGHUE JOHN ● 884-5530
96 BARLETTE THOS 884-2462
101 PEACOCK EARL C ● 885-6875
101½ LUKE FRANK 886-2606
102 VACANT
103 WIESMORE VICTOR H ● 883-4042
104 JENKINS STEPH J ● 883-1840
105 LINDERMAN ANTHONY C
RUBINO SAML JR 881-1603
REAR COMI ROSE MRS
106 MC EVOY HELEN M ● 886-4648
GRANT ALBERT ● 886-4648
107 WHITE CLYDE
108 CHARCZUK HENRY E ● 886-2952
109 MANNO CARRIE P MRS ● 885-7016
REINACHER MARTHA W MRS 883-3594
112 NELLES MARY W MRS ● 882-4587
SWAN JAMES C
114 ROGERS BARBARA MRS
115 VUNGARO ANTHONY ● 884-0778
POWELL MICHL 885-6869
116 DOCKSTADER JOHN A
117 ZIMMERMAN HARRY ● 886-4062
REAR CARROLL HARRY H
118 SMITH RAYMOND J ● 884-1615
120 BOOK ROBT H 882-6373
121 VACANT
122 GAY BEARNICE MRS
—GRANT ST INTERSECTS
140 HILL WESLEY F 885-7368
142 FARRELL LOUISE MRS 883-0762
144 MASTERMAN MELVIN JR ● 882-3578
145 SEE WM ●
149 BROWN EMILY ●
151 BRAYMILLER RAY D ●
153 BERG CECIL J ● 886-6383
154 FAIR ARCHIBALD P JR ● 883-9594
155 MILLER FRANK M 882-1558
MILLER CHARLES B ● 885-2744
158 DI PASQUALE LEBERT R ● 885-5113
159 DUERR WILLIS H ● 886-4134
160 MAGRO JOHN P ● 882-1774
GOTTLER NORMAN L 885-8845
161 BENZEL ROBT L 884-4847
GASPER JOHN E ● 886-8363
REAR DANIEL PAUL A
162 LEWIS DANL S ● 882-1924
164 MULLINS MILDRED L MRS ● 886-5975
165 GABIOUD JOHN D 883-1881
REAR MOON HAROLD 881-0985
168 STANCANPONC FRANK A ● 886-5514
ANSON LILLIAN MRS 886-2213
169 BRYAN HAROLD E ● 884-3143
170 ROUNDS ARNOLD G ● 886-1691
171 GRUNTHANER XAVIER G ● 883-1458
WOOD LINDA M MRS 882-1339
172 JOHNSON LUCILLE C MRS ● 884-7984
175 VACANT
REAR GRUNEISEN CHARLES A JR ● 882-7863
176 PREBIS ROBT T 886-3448
177 LEWANDOWSKI JOSEPH
SALTALAMACCHIA JOSEPH 883-2631
REAR MILLER LEE 884-5566
179 INHOF RAYMOND P ● 882-9477
D'ANNA GEO B ● 884-1219
REAR DORGAN EDW J 883-8886
180 MILLER RAYMOND
182 BURDICK PRISCILLA E MRS ● 884-2984
PIERCE CHARLES 884-4623
183 VAUGHAN ELIZ M MRS ● 883-8946
REAR KUHN DONALD H 883-8165
184 CAVARETTA JOSEPH 882-0580
MANCUSO CHARLES C ● 885-7660
—PARKDALE INTERSECTS

48
GARVEY AV -FROM 400 HOPKINS EAST

—ZIP CODE 14220
15 BIFARO FRANK P ● 825-0797
18 MERKL DONALD F 826-2557
MERKL FREDK G 825-5792
WIEDER AMELIA MRS ●
22 PINTO JOHN R JR ● 826-3198
27 PRUZINSKY STEPH P ● 823-0797
29 WITTROCK JOHN H ● 825-4184
31 MANGINE ANTHONY J ●
32 MORAN PATK ● 824-7210
33 MOOTZ CARL M ●
WORTHINGTON JOHN L ● 822-4571
36 GERRITY THOS E ● 825-7175
37 VICTOR ROBT J ● 823-5144
41 BAINBECK KENNETH ●
42 ZUPPINGER EDMUND J ●
46 MORRISS THOS P ● 823-8773
WILLARD GEO J 824-1303
52 MONTGOMERY WILMA P MRS ● 823-8635
55 PIERAKOS JAMES G ● 824-7349
59 HATTON ALEXANDER ● 823-9790
62 COLARUSSO PETER ● 823-6513
65 FLEISS CAROL M 826-5677
LOSEL WOODROW ●
SCHMAGEL MARY 8224329
66 ACQUISTO ANTHONY ● 822-6062
OSLER JACK
72 FAZIO JAMES A ● 825-4533
DERR DAVID A 826-3569
73 WILKINS JOHN T ●
76 MAKOWSKI JOSEPH M ● 825-5762
77 DE LALLO PAUL J ● 822-8416
80 HARTMAN RICHD W ● 822-1058
83 GIANNONI EUG M ● 826-2799
84 HOTH LEONARD ● 823-4071
86 ALEXANDER DOROTHY A MRS ● 825-4327
87 HUSAREK HELENA A MRS ● 822-1662
90 RENZI ALBEPT ● 823-9712
91 PIROWSKI STANLEY J ● 825-0724
92 POHLMAN HENRY C ● 822-3339
96 WILLIAMS EDNA M MRS ● 823-1453
97 DI SCIPIO RALPH ● 824-9054
DI SCIPIO ARNOLD J 822-6896
WALTERS STANLEY 823-7461
—FOLGER INTERSECTS

98
GATCHELL ST -FROM 1620 BROADWAY NORTH

—ZIP CODE 14212
16 KRALISZ AGNES MRS ● 895-6679

CALL 837-7000
MOHAWK PEOPLE

PLAVIA GRINDING CO. Inc.
88 HOPKINS (14220)
PRECISION GRINDINGS
CENTERLESS — INTERNAL — BLANCHARD — CYLINDRICAL
TELEPHONE TA 4-6522

RYAN & WILLIAMS, INC.
Stationers
COMPLETE OFFICE OUTFITTERS
82 PEARL STREET BUFFALO, NEW YORK 14202 PHONE 854-0177

JOHN H. BLACK CO.
Established 1896
FACE BRICK — STRUCTURAL GLAZED TILE — LENROC NATURAL STONE
Office: 505 DELAWARE AV. (2) TEL. TT 4-2306 Warehourse: 97 GILLETTE AV. (14) TEL. TT 3-8945

FULTON—Contd
537—Contd
rear Wheeler David
539 Skolnik Charles ◎ TA5-3554
542 Brazeau Leo J ◎ TA4-7401
Leo's Contract ◎ steam cleaning TA4-7401
543 Gawlik Stephen ◎ TA5-2321
544 Ziolkowski Michael F TA5-2669
Swientko Joseph J ◎ TA3-6638
546 Brown Mary A Mrs ◎ TA4-2710
rear Wicenciuk Stanley
550 Laettner Katherine A Mrs ◎ TA5-3201
E-LRR crosses
560 Stanford Seed Co TA5-3300
571 Swiateck Charles E ◎ TA5-7564
573 Joseph Francis P TA2-7109
Huber Jacob E TA2-5524
575 Joseph Joseph E ◎ TA4-6758
577 Halady Walter J ◎ TA3-0446
581 Owens William F TA3-4937
584 Panek Stanley E ◎ TA5-2915
589 Chutko Michael ◎ TA5-4049
Skulski Vincent
591 Holobecki Tymko ◎
Sperling David F 823-5548
595 Letina Martha A Mrs TA2-8276
Anderson Clifford D
597 Geizycki Walter ◎
Kellar Aloysius F
rear Vacant
599 Buchina William A TA2-4258
Buchina Joseph ◎
rear Jacob Harold J TA5-3044
601 Kurzanski's Bishop Food Store TA4-7011
Kurzanski Edward A TA6-1496
rear Kurzanski Anthony S
Kowalski Henry M TA5-5840
602 Gallagher Patrick J ◎ 824-3991
604 No Return
605 Dygulski Joseph E TA5-2840
Kolodziej Edward S ◎ TA4-5496
rear Vacant
606 Budzinski Joseph
607 Dzielski Michael ◎ TA4-0476
Kline Harry A TA2-2332
rear Thompson Britton T TA4-2842
608 Cichon John S ◎ TA4-7727
610 Mack LaVerne K
Elliott William H
611 Papaj Eugene D ◎ 822-2047
612 Glica Martin J ◎ TA5-2562
613 Rockwitz Stephen R TA2-6383
614 Smardz Stanley A TA4-0397
616 Sieg James P ◎ TA5-2495
617 Cichon Edward V ◎ TA2-9820
619 Waz Joseph TA3-7845
Waz Walter J ◎ TA2-7414
620 Pirog Thomas ◎ TA5-3563
621 Bialy Mary A Mrs ◎ TA3-6108
622 Bak Martin ◎ TA5-3019
623 Joseph Emanuel L ◎ TA4-3706
624 Malkiewicz Leo J ◎ TA6-2866
Joyce Pearl M Mrs TA5-2892
625 Joyce James L TA3-3745
Jarzyna Joseph A ◎ TA5-8638
626 Lopez Mildred Mrs TA6-1673
rear Brunner Maurice N TA2-6791
627 Burek Frances Mrs
Rybczynski Julian J ◎ TA4-8226
628 Cichon Anthony ◎
632 Chodukiewicz Dominic ◎ TA5-6258
635 Fultz F Russell ◎ TA5-2183
640 Kelly Nora A Mrs ◎ TA5-3529
641 Kusmierz Peter J ◎ TA4-1616
642 Szczur Joseph J ◎ TA4-7008
643 Grandy Leo A ◎ TA4-2246
644 Vacant
645 Harackiewicz Vincent ◎ TA2-3444
rear Vacant
647 Enfield Leonard G ◎ TA4-3629
649 Frank George J ◎
650 Rose Donald TA6-0578
651 Amplement Arthur E ◎ TA2-2258
652 Bobro Bronislaus ◎ TA5-2423
653 Fiegel Joseph F TA5-2993
Fredericks Florence Mrs TA4-1505
654 Eschberger William P ◎ TA5-3042
655 Vacant
658 Nowak Peter ◎ TA5-3340
660 Chona Peter ◎ TA5-4753
Dolce John A TA5-4434
664 Karpinski Peter ◎ TA5-2811
665 Smith Ronald C ◎ TA5-2602
Bream Lloyd C TA5-2326
667 Smith Mae F Mrs ◎ TA4-3087
668 Szymczyk Anthony J ◎ TA5-2303
rear Vacant
669 Krywcun John TA2-2213
670 Thompson Howard K jr ◎ TA3-6760
671 Wrest Stella Mrs TA4-2045
Wrest Eugene F TA3-8173
672 Thompson Donald J TA6-1760
673 Kurek Frank ◎
Grabowski Anthony TA2-6308
674 Vacant
675 Skrzynski Stanley A ◎ TA4-2410
Stathey William
676 Waligur Peter W ◎ TA5-3389
677 Grandy Gary J TA5-1852
Dolce James A
678 Vacant
rear Hastie Mary Mrs
Joseph Donald L 825-8622
Dvorak George J ◎
684 Davis Caroline Mrs ◎ TA5-3392
Zientek Edward F TA5-4173
688 Renkas Edward J TA5-4238
Renkas John ◎
692 Tutak Josephine Mrs ◎ TA5-2525

176

GAIL AV—From 254 Suffolk av east
Zone 15
3 Strasser Edward R ◎ TF4-9246
4 Ventresca Joseph T ◎ TF4-9287
7 Ciemny Charles J ◎ TF5-9884
8 Reisweber Harry C ◎ TF4-9623
11 Curtis John J ◎ TF3-5709
12 Wisniewski Daniel E ◎ TF3-0813
15 No Return
16 Metzger Richard E ◎ TF2-3476
19 Johnston Robert J ◎ TF2-8314
20 Kucharski Henry J ◎ TF5-3077
24 Para Raymond ◎ TF5-3786
28 Engler Albert J ◎ TF3-6149
29 Albano Richard J ◎ TF5-7919
32 Koeppel Alan J ◎ TF4-4069
33 Kotkiewicz Frank C ◎ TF3-2423
36 Frisa John F ◎ TF2-1427
37 Simpson Gilbert F ◎ TF5-3886
42 Michael George E ◎ TF5-3662
43 Knopf William C ◎ TF5-1222
46 Manderscheid Charlotte Mrs ◎ TF6-5726
47 McGee Louis E ◎ TF5-7507
50 Hoffman Charles A ◎ TF6-7209
56 Sorgule Earl H ◎ TF4-7698
57 McCarthy Paul V ◎ TF2-9822
60 Moser Alfred J ◎ TF3-0189
61 Dobmeier Donald N ◎ TF6-6110
64 Berghorn Carl H ◎ TF2-9783
67 Swartz Howard C ◎ TF3-8408
70 Velardo Frank O ◎ TF2-0159
73 Giczkowski Stephen C ◎ TF2-5677
74 Sansone Dominick J ◎

75

GALLANTIN AV—From 219 Ontario south-east
Zone 7
12 Bonnar Mary E Mrs ◎ TR5-4879
13 McCray Milton E ◎ TR5-7503
14 Boyd John G ◎ TR5-6668
Wilson Robert L TR5-6668
15 Savage John F ◎ TR5-6512
18 Simpson Dorothy ◎ TR3-8434
19 Smith John G ◎ TR3-7630
21 Fitzgerald Maynard W ◎ TR3-4730
22 Kunz Albert Rev TR3-6545
25 Hayes Mary K Mrs ◎ TR5-5221
26 McMorrow Earl ◎ TR5-1932
27 Skoney Edward D ◎ TR5-9813
28 Gaglia Donald TR5-8901
Carson Charles H ◎ TR7-8696
31 Noble John 877-5871
Graf Chester W ◎ TR3-9391
32 McMann Arthur R ◎ TR3-6683
33 Schaus Martin C ◎ TR5-1594
34 Kiddle Robert C ◎ TR7-5265
37 Orton Arthur R TR5-9106
Jenkins Martha L Mrs TR5-1292
38 Trimper Clifford ◎ TR3-1338
39 Britt Clarence J ◎ TR6-1638
Dolan William L TR7-8483
40 Oehler Joseph D ◎ TR4-0176
43 Gushue George C jr ◎ TR6-1944
44 Champis Theresa M ◎ TR7-4621
46 Maedl Raymond T ◎ TR5-6748
47 Coghlan Edward P ◎ TR6-3016
48 Cameron Norman F ◎ TR3-2904
49 Luggar Herbert H ◎ TR7-4234
50 Finnigan Gerald R ◎ TR5-0839
51 Miller Dorothy H TR6-7639
Ladanyi Edna L Mrs ◎ TR6-6839
52 Hardy George A ◎ TR6-6678
53 Gajski Leo S ◎ TR6-7645
55 Fudella William S ◎ TR3-0381
56 Williams Robert ◎ TR5-3504
58 Dietrich John J ◎ TR7-4471
60 Palonai Susan Mrs ◎ TR3-1015
61 Batcho Paul TR3-3950
Maitland George TR7-3237
62 Erion Marvin A ◎ 875-6809
Allan James R TR7-1509
63 Edith's Delicatessen TR7-9234
Shea Edith Mrs ◎ TR7-9234
Dziomba Stanley J TR7-2296
Penman Walter
64 Vacant
66 Vacant
Hunt av intersects
73 Tauriello Victor J ◎
Runfola Charles A ◎
77 Calandra Steve ◎ 874-0478
Kiscunas Louis C 873-3280
78 Wilson Robert F ◎ TR6-5132
79 Tumidolsky Stanley W ◎ TR3-5190
81 Hughes Robert C 873-4620
Kishbaugh John H TR6-7574
82 Everest Paul H ◎ TR5-1517
84 Gaudy Lawrence J ◎ TR4-1233
85 Steinhauser Rose Mrs ◎ TR7-6567
Knost Leonard
87 Chenault Wyvan E ◎ TR6-4459
McWilliams Phyllis Mrs TR3-4496
88 Sherk Richard E TR3-9089
89 Russell James E ◎
90 Mills Kenneth ◎ TR3-6914
92 Finnigan Mae A ◎ TR5-2389
95 Bernoski Charles L ◎ TR5-2991
96 Culhane Gerald P ◎ TR5-1344
97 Riexinger George A ◎ TR5-3971
98 Gushue George C ◎ TR6-5635
99 Boskot George C ◎ 876-3462
100 Schifano Salvatore ◎ TR3-1930
103 Youngman Mary F Mrs ◎ TR5-9194
104 Venator Magdalene ◎ TR6-1961
106 Seiflein Amelia H Mrs ◎ TR3-1618
107 Bruce Howard H ◎ TR6-0079
108 Garalny Theodore A ◎ TR6-5011
109 Myrick Clair E ◎ TR6-4815
110 VanDenbergh Alfred P ◎ TR3-1390
112 Kasper George J ◎ TR3-0158
118 Horgan Francis J ◎ TR3-9194
Progressive av intersects

66

GALLOWAY—From 81 Buffum southeast
Zone 10
11 Schwartz Harold P ◎ TA4-4195
15 Sherry John M ◎ TA4-3349
25 Ford Donald J ◎ TA4-4970
27 Konwicki Felix J ◎ TA5-5372
Roberts Richard
29 Rutkowski John ◎ TA3-6757
Indian Church rd intersects

128

GALVESTON PL—From 800 Jefferson av east
Zone 11
35 Luense Robert R TL6-0011
White Edna M
40 Moton Richard ◎ 852-4796
44 Joyce Cora Z Mrs ◎ TL6-2854
46 Croad Alice H Mrs TL2-1872
50 Mauer Minnie M Mrs ◎ TL3-2880
56 Pitts Elmer ◎ TL6-7957
60 Stroebel Anthony A ◎ TL3-8848
64 Rosby Helen Mrs ◎ TL4-7180

101

GALVIN PL—North ½ blk, 2 east of Elmwood av (not open)
Kenmore av intersects

44

GANSON—From 575 Ohio northwest
Zone 3
40 City Fire Dept Eng Co No 10 TL3-9809
City Fire Dept Hook & Ladder Co No 8
45 Carlson Truck Service Inc trucking TL2-3773
149 Penn Dixie Cement Co (dock)
153 Vacant
155 Eastern Weighing & Inspection Bureau (Reclamation & Grain Door Bur) TL2-3022
156-160 Pillsbury Co (whse)
161 Vacant
189 Roberts Hotel & Restr TL2-9300
Roberts Earl R ◎ TL2-5716
191 Vacant

GANSON ST 1960

66
GALLOWAY — From 81 Buffum southeast to Indian Church rd
11 △Schwartz Harold P ⓞ
15 △Sherry John M ⓞ
25 △Wolf Allen ⓞ
Ford Donald J
27 △Konowicki Felix J
△Schoenle Albert H
29 △Ruthkowski John
△Kindred Edw C
Indian Church rd intersects

128
GALVESTON PLACE — From 800 Jefferson av east 1 block
7 △Lenzner Sol Corp beverage mfgs rear ent
35 △Clayconb Emma
△Leining Wm F
40 △Bell Robt B
△Moton Richd ⓞ
44 △Joyce Cora ⓞ
46 Vacant
50 △Mauer Minnie Mrs ⓞ
56 △Pitts Elmer ⓞ
60 △Strobel Anthony A ⓞ
64 △Pellnat Charlotte Mrs

101
GALVIN PLACE — North ½ block to Kenmore av 2 east of Elmwood av (not open) Kenmore av intersects

44
GANSON — From 575 Ohio northwest beyond S Michigan av
2 Keystone Warehouse Co
33 GLF Exchange Inc feed mill
40 △Fire Dept Eng Co No 10 Fire Dept Hook & Ladder No 8
45 △Carlson Truck Service
149 Penn Dixie Cement Co (dock)
153 BAW Constn Co Inc (whse)
Lake Erie Dodge Truck Center Inc (whse)
Ganson Whse Inc (br)
155 △Eastern Weighing & Inspection Bureau (Reclamation & Grain Door Bur)
160 △Pillsbury Mills Inc (whse)
161 No return
189 △Roberts Hotel & Restr ⓞ
△Roberts Earl R
191 △American Shipbuilding Co Inc
△Am Shipbldg Co Inc (Bflo dry docks)
225 △Ganson Grill
250 △Pillsbury Mills Inc (grain elev)
315 △Co-operative GLF Exchange Inc (br) (elev ofc)
333 △Co-operative GLF Exchange Inc (br) feed mill
389-91 Frauenheim Elev Corp (stge)
S Michigan av intersects
460 △General Mills Inc (whse)
△B&O RR (Frt sta)
△Frontier Mill Co
△Jones-Hettelsater Constn Co
△NYC Sys yd ofc
△Rochester & Pittsburgh Coal Co tresile

13
GARDEN — From 286 Carolina northwest to Virginia
6 △D'Angelo Saml A
△Starrs Eliz Mrs
8 △Pinelli Mathew
△Passafiume Phillip
10 △Bordonaro Thos
△Clarke Howard W
11 △Barone Phyllis
△Puglisi Jos D
16 Gugino Harry J
Georgie Steph E
18 △Armstrong Garage auto repr
33 Custer Wm
47 Main Carl
54 Martin John D
56 Bergum Angeline Mrs
Virginia intersects

74
GARDON—From 749 S Ogden east to Cambria Cambria intersects

75
GARFIELD — From 2143 Niagara east to Tonawanda
14 △Kayes Emmett R ⓞ
Suthoff Alice Mrs
15 △Fuller Orlando L
△Derner Milton
17 △Goulding Robt P
19 △Quinn Marshall F
△Wean Linda Mrs
20 Sommer Mary Mrs
△Dean John
21 △Yockey Geo A ⓞ
22 △Hall Chas D ⓞ
△Thomas Kath
23 △Brennan Harry O ⓞ
rear △Macfarlane Louise A Mrs
24 △Clabeaux Frank ⓞ
△Fuller Harold F
25 △McCarthy Allen E
Beller Barbara Mrs
27 Rabner Steph ⓞ
Mack Margt Mrs
28 △Clabeaux Richd J ⓞ
△Clabeaux Pierre J ⓞ
29 Ogleby Norman
△Falk Gilbert R ⓞ
△Sheedy Jas J
30 △Benk Emma A
32 △Clark Elmer J
△Alexander John G
East intersects
Hartman pl intersects
Peoria intersects
111 △Duffy Richd G
116 △Schweitzer Ray J ⓞ
120 △Daley Norman ⓞ
122 Hickey Mary D Mrs
Calumet pl intersects
126 △Beck John V ⓞ
128 Rindfleisch Ronald C
132 △Bidwell Genevieve Mrs ⓞ
△Davis Wm R
134 △Jones Beverly M ⓞ
138 △Brackna Geo
△Johnson Chas R ⓞ
rear Vacant
Tonawanda intersects

69
GARNER AV — From 289 Dewitt east to Parkdale av
4 △Dubbino Jos F ⓞ
8 △Simari Carl B
△Higgins Jas H ⓞ
△Wernlewski Eug
9 △Miller Raymond S
10 △Mansfield Frank R ⓞ
△McLean Andrew
10½ △Calhoun Geo E
12 △Jamieson Lorne O ⓞ
△Carlucci Jas W
15 △Demler Josephine Mrs
△Haentges Ray A
rear △Demler John
△Roeder Esther Mrs
16 Berg Edw H ⓞ
△Webb Lillian Mrs
17 Parsons Frank C
△Brigham Philip G
18 △Day Ruth M Mrs
Staub Michl W ⓞ
△Kitson Leslie B
19 Walworth Grace Mrs
△Goodridge Alf H ⓞ
20 △Hickey Edw J
△Caruana Chas
21 △Hoover Melvin E ⓞ
24 △Castiglia Nettie Mrs ⓞ
gro
26 △Wagner Frank J ⓞ
27 △Uhle Chas M
rear △Bernhardt Emma Mrs
29 Wilenkron Henry ⓞ
△Hall Agnes Mrs
rear △Cassidy Irma S
30 △Hartke Margt E Mrs ⓞ
31 △Ball Edw ⓞ
Mohr Jos
32 △Chadderdon Howard I ⓞ
33 △Cole Helen J Mrs
Shanahan Courtney D
34 △Fusco Jos M
△Nastro Carlo J
35 △Bowen Irene A Mrs ⓞ
38 △Biondo Josephine Mrs ⓞ
△Kovach Wm J
39 △Martenson Edw J ⓞ
40 △Licata Angelo ⓞ
△Cascino Frank L
42 △Greco Theo ⓞ
△McSwain Chas E
43 Swick Lloyd B ⓞ
45 Giglia Rose Mrs ⓞ
△Rugh Jas C
46 △Leyland Thos A ⓞ
47 Salansky Robt J
48 △Maiorana Frank ⓞ
49 △Sherman Phillip ⓞ
51 △Jones Christopher C ⓞ
53 △Wolff Bertha D Mrs
55 △Lombardo Mario R ⓞ
67
Herkimer intersects
75 △Villa Andrew C
△Norwig Mildred J
76 △Craig Wm R
△Simmons Elsie E Mrs
77 △Panaro Carmen A
△Bellissimo Carl F
79 △DeGeorge Frank J ⓞ
Dobrovits Andrew
80 △Mulcahy John M ⓞ
83 △Gettleman Clair L ⓞ
△Gettleman Martha Widger Betty L
84 △Gardner Woodrow B ⓞ
85 △Bruccato Rosario Mrs ⓞ
Cornell Frances Mrs
86 △Smaldino John S
△Varisco Saml
89 △Cottrell Arth J
Ellis Florence B ⓞ
△Ellis Paul F acct ⓞ
90 Shanahan Danl M ⓞ
△Smith Edw
91 △Kalway John ⓞ
△Raymond Louise J
92 △Hagan Danl L
93 △Neri Saml P ⓞ
94 △Sharkey John G ⓞ
Englehardt Arnold R
95 △Donoghue John G ⓞ
96 △Wyszkowski Edw J ⓞ
101 △Peacock Margt A ⓞ
△Peacock Earl C contr
101½ △Garrison John H
102 △Paoletti Jas A ⓞ
103 △Wagner Gerald L ⓞ
Raven Margt M
104 △Jenkins Steph J ⓞ
105 Linderman Anthony
△Stella Wm
△Meehan Anna F Mrs
△Haley Alice G Mrs
△Fleischhauer Irene M Mrs
106 △Grant Albert ⓞ
△McEvoy Helen
107 △Rank Genevieve Mrs
△Marshall Harry H
△Burkowski Henry
108 △Charczuk Henry ⓞ
109 △Manno Jos ⓞ
△McMahon May Mrs
△Nelles Harold J ⓞ
114 △Dockstader Viola A
115 △Vangaro Anthony ⓞ
Powell Michl
117 △Heaps Elmer
△Zimmerman Harry ⓞ
118 Vacant
120 △Mack Jas J
121 △DeFabio Eug J
△Paladino Domenic J
Wolff Eug
122 △Zimmerman Bernice Mrs
140 △Mergenhagen Fredk J ⓞ
△LePrell Edw M
△Farrell Raymond R
144 △LePrell Lawrence E
145 △See Wm R ⓞ
149 △Brown Emily ⓞ
151 △Cummings Eug H ⓞ
153 △Berg Cecil J ⓞ
154 △Fair Archibald P ⓞ
155 △Radka Mary E Mrs
Miller Chas B ⓞ
158 △Westenfelder Ruby Mrs ⓞ
159 Duerr Wilis H ⓞ
160 △Margro John P ⓞ
△Gottler Norman L
161 Bennett Donald J
△Gasper John ⓞ
△Wiesel John F
162 Vacant
164 △Mullins John W
165 △Sullivan Jas H
Harding Ronald
rear △Gross Paul E
168 △Fries Harry W ⓞ
△Damian Harry P
169 △Bryan Harold E ⓞ
170 △Bieber Milton S ⓞ
171 △Brunthaner Xavier G ⓞ
△LaPorte Michl R
172 △Crawford Bessie Mrs ⓞ
173 △Palanker Ray C
175 Fohl Bernadine Mrs
rear △Gruneisen Chas A jr ⓞ
176 Dorgan Edw J
177 △Corey Clara
Lewandowski Jos
rear △Saltalamacchia Jos
179 △Washburne Alice C Mrs ⓞ
△Imhoff Raymond P
△D'Anna Geo B
rear Melchi Wallace
180 △Deighan Denis J ⓞ
182 △Burdick Stuart W ⓞ
△Williams Eliz C Mrs
183 △Vaughan Maurice ⓞ
△Miller Jas
184 △Mancuso Chas C ⓞ
△Maida Edw A
Parkdale intersects

48
GARVEY AV — From 400 Hopkins east to Folger
18 Wieder Amelia Mrs ⓞ
△Merkle Fredk
22 △Acquaviva Peter ⓞ
27 △Puzinsky Steve P ⓞ
29 Szarowski Nicholas ⓞ
31 Wieczorak Frances T Mrs
Lemiesz Henry ⓞ
32 Aoslt Arth A ⓞ
33 Mootz Mary Mrs ⓞ
△Worthington John L
△Allen Eug R
36 △Barber Harvey H ⓞ
37 △Victor Robt G ⓞ
41 △Harley John ⓞ
42 △Zuppinger Edmond J ⓞ
46 △Morris Thos ⓞ
52 △Montgomery Donald E ⓞ
55 △Pierakos Jas ⓞ
59 △Dahn Alvin F ⓞ
62 △Colarusso Peter ⓞ
65 △Berner John C ⓞ
△Berner Carrie Mrs
66 △Acquisto Anthony ⓞ
△Evans Jas
72 △Fazio Jas A ⓞ
△Miller Donald M
73 △Leach Francis W ⓞ
77 △DeLallo Paul J ⓞ
83 △Giannoni Eug M ⓞ
84 △Shehan Harry A ⓞ
86 △Alexander Dorothy Mrs ⓞ
87 △Husarek Adolph ⓞ
90 △Renzi Albert ⓞ
91 △Pirowski Stanley ⓞ
92 △Pohlman Henry C ⓞ
Folger intersects
96 △Williams Edna Mrs
97 △DiScipio Ralph ⓞ
Geyer Jos

98
GATCHELL — From 1620 Broadway north to NYC RR
16 △Kralisz Agnes Mrs ⓞ
17 △Steszewski Harry A
△Popielski Eug
18 △Semski John D ⓞ
19 Helmin Walter
△Helminski Walter J ⓞ
20 △Wojciechowski Felix ⓞ
21 △McCarthy Wm J ⓞ
22 △Braitkrus Victoria Mrs ⓞ
△Braitkrus Edw S
23 Blaskiewcz Herman T ⓞ
24 △Dziecaitkowski Tekla ⓞ
△Zielinski John
26 △Harowski Edw W
△Sierocinski Walter ⓞ
27 Larsen Florence D ⓞ
31 △Ziembiec Frank T ⓞ
Hartman Raymond
32 △Sikorski Peter P ⓞ
△Pasternak Henry J
33 △Schmitt Chas W ⓞ
Allen Geo F
34 △Strumpf Edw E jr
rear △Strumpf Edw E
△Niespodziany Ignatius T
Dudziak Frank J
38 △Pluciński Frances Mrs
Szubarga Mary Mrs ⓞ
39 △Kawucha Stanley ⓞ
Mazurek Edw W
40 Dorobiala Frank ⓞ
△Nowacki Frank H
42 △Jones Dorothy Mrs
△Kisluk Stanley ⓞ
43 Wojtaszek Leona Mrs
rear △Walkowiak Stanley A ⓞ
45 △Ring Wm P ⓞ
48 △Raczka Edw ⓞ
49 △Peck Felix
△Hartshorn Ivor
rear △Raczka Lottie Mrs ⓞ
50 △Wilczynski Jean
△Kwiatkowski Lillian Mrs
52 △Mach Alf H
△Godzisz Charlotte ⓞ
53 △Suwinski Edmund S ⓞ
54 △Mazur Louis M ⓞ
55 △Siejak Leo J
Siejak Sigmund ⓞ
59 Hoelcle Mildred ⓞ
60 Pawlak Clara J Mrs ⓞ
61 △Meka Anthony E ⓞ
△Szymaszek Steph
64 △Fachko Steph D
rear △Skiendzielwski Walter ⓞ
65 △Harzewski Charlotte V Mrs ⓞ
△Lewandowski Bronislaus
66 Osalkowski Ray
68 △Pazderski Edw J
Pullman pl intersects
74 Jasinski John
△Jasinski Chester L ⓞ
76 △Krayna Helen Mrs ⓞ
△Antowski Richd J
79 △Bochorski Richd
rear Wandowski John
82 △Karpick Martin F ⓞ
△Manon John
83 △Ginter Cecile Mrs ⓞ
△Ginter Jas S
△Fronsczak Walter
84 Kosek John
85 Stankowski John
△Glowny Leo
88 △Plewinski Edw ⓞ
89 △Zielinski Adam R
rear Bulatek Jos ⓞ
90 △Winterberg Edwin C ⓞ
91 Olejniczak Jos
Kloda Andrew ⓞ
93 △Ginter Stanley ⓞ
△Kopec Stanley P
94 Frankowski Stanley ⓞ
△Sweeney Jas
96 △Waryeh Eliz Mrs ⓞ
△Waryeh Walter J
97 △Roland Leo J
△Cegielski Jerome S
101 △Godzich Florian F
Mankowski Margt Mrs ⓞ
102 △Barnas Conrad J ⓞ
103 △Krayna Anthony J
rear △Krajna John H
106 △Gnacinski Edw W ⓞ
△Bronowski Bernard A
107 △Siejak Boleslaus ⓞ
108 △Wyzykiewicz Theo
△Wanat Eug J ⓞ
109 △Ziarniak Bertha Mrs ⓞ
110 △Stoeckel Anna M Mrs
113 △Franger Arth H ⓞ
△Martinez Clark Story Arline Mrs
114 △Weaver Geo A ⓞ
115 △Kurczaba Stephanla Mrs ⓞ
△Anderson Geo
116 △Repetowski Steph J ⓞ
119 △Gaczewski Faymond ⓞ
Clark Jas L
120 △Koteras Kath Mrs ⓞ
121 △Rollek Brownie J ⓞ
Brandt Otto
122 △Chrobak Josephine Mrs ⓞ
△Kwiatkowski Henry ⓞ
rear Vacant
125 △Sadek Eug
△Sadek Wm ⓞ
126 △Gloz Thos
△Seczipanek Henry ⓞ
128 △Kubiak Louis F ⓞ
130 △Palys Frank A ⓞ
△Wojtaszek Valentine
131 Wojnar Raymond M
rear Wojnar Helen Mrs ⓞ
133 Stefaniak Martin ⓞ
Kuras Henry J
NYCRR crosses
1 Mikos Romie
rear △Makowski Leo F ⓞ

61
GATES CIRCLE — At junction of Delaware av, Lafayette av and Chapin pkwy Lafayette av intersects
3 △Fillmore Millard Hosp
33 △Park Lane Restaurant
△Park Lane Bar Restr
△Bass of the Park Lane beauty shop
△Clement Harold T

GATES CIR—Contd
33—Contd
△Howard Bros Chemical Co property med
Park Lane Apts
△Aaron Arline S Mrs
△Anderson Ann Mrs
△Appleton Benj Mrs
△Beck Edgar C
△Bennett Geo R
△Block Jos B
△Booth Gertrude Mrs
△Carr Frank J
△Cohn Walter W
△Conover Carolyn T Mrs
△Cowan Harold D
△Cropley S Blair
△DeLong Addie B Mrs
△Economou Peter G
△Ein Moe R
△Falk Stanley G
△Freischlag Elmer J
△Germain Bernadette Mrs
△Given Jane T Mrs
△Guggenheimer Milton C Hancock Louise Mrs
△Harriman Lewis G
△Higgins Mary E Mrs
△Holmes Maude G Mrs
△Holzworth Lauriene D Mrs
△Houck Isabel Mrs
△Hyde Edw K
△Hyman Alvin M
△Jaeckle Edwin F
△Jones Helen
△Joyce Lillian A Mrs
△Kahn Harry
△Katz Max
△Kleinman Arth dentist
△Larson Nellie Mrs
△Levi Julia Mrs
△Levi Minnie K Mrs
△Lippman Leo
△Lurie Rae Mrs
Macfarlane Kilgore jr
△Marcy Wm L
△Marcus Rose
△Morrison Jennie Mrs
△Morrison Raymond L
△Murphy T Emerson
△Newman Estates The (ofc)
Newhall E S Mrs
△O'Neill Geo E
△Rabow Aaron
△Rebadow Cedric A
△Reich Melvin
△Rosenberg Max
△Ryan Kath Mrs
△Schierer Julia A Mrs
△Sharpe Alf H
△Singer Jos M
△Stoddard John G
△Todd Geo E
△Towns Wm H Mrs
△Victor Emma A Mrs
△Warner Nellie B Mrs
△Weber Anna J Mrs
△Wende Flavilla F
△Wiedrich Omer
△Wilson Louise Mrs
△Wood Richd L
△Wright Chas R
34 No return
40 △Schenk Worthington G ⓞ dentist
△Decker Jas E jr dentist
50 **Woodstock Apartments**
1 Hill Floyd B
2 △Greene Evelyn W Mrs
3 △Smith Jos P
4 Freudenblum Dora M Mrs
5 △Workman Betty Mrs
6 Vacant
54 **Apartments**
1 △Douglass Marshall W
2 △Underwood Helen E Mrs
3 △Wallace Lucy E
4 No return
Delaware av intersects
Chapin pkwy begins
77 △Smith Jas R ⓞ
Lafayette av intersects

70
GEARY—From North Legion dr northeast to Frank av, intersecting 2037 Seneca (not open between North Legion dr and 13)
10 △Cutway Louis H ⓞ
12 △Brundage Robt O ⓞ
13 △Houston Dolores R Mrs ⓞ
14 △Migas Casper M ⓞ
15 △Cammarano Philomena
16 △Ramsdell Irene V Mrs ⓞ
17 △Barrett John J ⓞ
△Barrett Francis L ⓞ
18 △Osler Donald L
△Esmond Albert W
△Hilgarth Rudolph
20 △Wisler Carl
△Kneiss John E ⓞ
21 △Hoffman Stuart A
△Okoniewski Edw ⓞ
24 △Brothers Andrew L
△Vidal Lucien
25 △Bennett Edw
△Dietrich Mary Mrs ⓞ
Mecher Margt
27 △Hastings Wm J ⓞ
△Miller Georgianna M Mrs
28 △Lahiff Vincent J
△Kelsey Chas F
29 △Murray Jas J ⓞ
△Thomas Carl E
30 △Harrigan Frances M ⓞ
△Murphy Cath Mrs
31 △Kavany Thos ⓞ
34 △Kruwel Nora Mrs ⓞ
△Rosenswie Robt V
△Donohue Thos D
35 △Linehan Jas C ⓞ
△Provenzo Russell J

GANSON ST 1955

FULTON—Contd
Apartments—Contd
3 Jennings Lydia Mrs
4 Bernstein Morris
5 Vacant
6 Catarella Henry
314 Apartments
1 Ross Jos
3 Fulater Florence Mrs
4 Chappell Anna Mrs
5 McBride Robt W
6 Thomas Jas C
315 Kurek Aug J
Kozlowski Stanley J
316 Brown Edw L
317 Feeney Johanna M Mrs
318 Carpenter Richd E
320 Moriarity Ann F Mrs
321 Dziedzic Chester J
Mucha Edw G
322 Newman Kenneth L
323 Sullivan John L
Keefe Donald J
Szelewicki Stanley
325 Roskowicz Stanley A
326 Sarullo Jos
327 Ohrt Helen M Mrs
328 Bigouette Thos H
329 Aman Mary Mrs
330 Gallery Anna
332 Vacant
334 Apartments
2 Vacant
3 Banks Beatrice M
4 Keller Concetta F Mrs
5 Damico Beatrice C Mrs
6 Bonezkowski Richd
335 Kelly Agnes E
336 Apartments
2 Schneider Julius
3 Johnson Robt
4 Whitehead Cath
5 Biber Wanda Mrs
6 Brundage Garry E
338 Apartments
1 Vacant
3 Golasik Ludwik
4 Pietrzak Julia Mrs
5 Vacant
6 Fonville Stewart
339 Barkowski Stanley
Brown Wm L
340 Apartments
3 Chazen Paul T
4 Martinez Mattie
5 Favata Jos J
341 Dutkiewicz Matthew
Michalski Edmund H
rear Zabawa Alf A
342 Stachera Jos R
344 Kline Clarence D
345 Hynes Thos P
Cronin Jas
346 Bullaro Alphonse
347 Powers Edw D
O'Connor Julia Mrs
348 White Lee A
349 Vacant
Hamburg intersects
359 Borden Nelson V
361 Bruyere Jos F
365 Gadziala Jennie Mrs
368 Stojktewicz Steph
Stojkiewicz Helen Mrs
369 Martin Margt
372 Toczek Frank
373 Edwards Rose Mrs
Otto Stanley
374 Mills Ruth A Mrs
375 Kozakiewicz Chester
377 Wilson Chester J
378 Zgoda Arth
380 Lawson John F
Lawson Wm M
381 Golonka Margt Mrs
Bublyk Nicholas
384 Szata Anthony
rear Buliga Nicklos
385 Lawson Geo P
Lawson Fred coal
386 Bogdzia Peter
387 O'Connell Frank
Fields Arth L
389 Dinger Harold W
Crawford Walter J
rear Rudick Edw
390 Redmond Cath Mrs
392 Strobele Wm
393 Dziedzic Chester J
restr
Dziedzic Cath Mrs
394 Byledbal John S gro
Red Jacket intersects
402 Grek Stanley T
Edwards Roy W
403 Kuwik Anna Mrs
Stoehr Eug L
406 Kwiecien John
Dziedzic Jos A
407 Panek Jos J
Burek Theo A
408 Kozodiej Felix
409 Donohue Edw J
410 Ersing Henry E
411 Golownik Walter
412 Mutka Edw
Kowalski Frank J
Kilichowski Arth F
414 Nowicki Frank
rear Setlock Geo W
415 Kulczyk Anthony W
rear Kulczyk Anthony W jr
DuBois Geo C
416 Swientko Adam J
rear Szuder Agnes Mrs
Grudzien Richd
417 Szejnar Jacob
Gerevics Anthony J jr
419 Gerevics Anthony J
Dudek Stanley J
420 Ponikowski Stanley
Donnelly John
Mulawka Michl G
rear May Marcel
426 Hlovate Frank
Watson Stanley
429 Dejac Margt Mrs

4
NYCRR (no crossing)
VanRensselaer intersects
521 Anderson John E
Parker Mildred Mrs
rear Gallant Leo E
523 Anderson Eva C Mrs
527 Collins Sarah A
528 Nieściereiwcz Adam
529 Felisiak Jos S
Fuszara Peter
rear Newman Cath Mrs
530 Olechnicki Frank A
rear Doskocz Mary Mrs
531 Binkowski Frank R
532 Tysowsky Steven
Osadca Julian
534 Duderewicz Walter
Metil Ignatius
535 Gasiewicz Anthony
536 Krathaus Wm
537 Lubecki Bernice Mrs
rear Celani Jos
539 Skolnik Chas
542 McCooey Jas
543 Gawlik Steph
rear Vacant
544 Swientko Jos J
Ziolkowski Michl F
546 Brown Mary A Mrs
rear McHugh Edw J
550 Laettner John P

Erie RR crosses

571 Setlock Andrew
573 Joseph Emanuel L
Joseph Francis
Williams Ira
575 Joseph Jos E
577 Halady Walter J
581 Mazur Chester S
Wartanowicz Thos
584 Panek Stanley E
589 Sabadasz Helen R Mrs
591 Janiak Wm V
Kazmierczak John
595 Wilczak Mary Mrs
597 Hogan Mary Mrs
Sobczyk Jos
rear Czemerys Edw J
599 Buchina Jos
Jacob Harold A
rear Jacob Harold J
601 Kurzanski Edw A gro
Kurzanski Anthony S
rear Kurzanski Anthony S jr
Kowalski Henry
602 Klinko Kenneth J
Klinko Jas J
rear Glinski Albert
604 Gallagher Albert
605 Hunter Roy
Kolodziej Edw S
rear Rusin Phyllis
Bartels Adolf
606 Klinko Anna E
Tarasowski John
607 Dzielski Michl
Jarocinski Jos
rear Halady Jacob
608 Cichon John S
Cichon John S jr
610 Bannister Chester B
Labedz Chester
611 Krupski Michl
612 Glica Martin J
613 Rockwitz Steph R
614 Smardz Stanley A
616 Sieg Jas P
619 Waz Walter
Waz Jos
620 Pirog Thos
621 Bialy Stanley
622 Bak Martin
623 Malkiewicz Mary Mrs
624 Malkiewicz Leo J
Joyce Pearl Mrs
625 Monaco Gino R
Jarzyna Frank A
Rollek Stanley A
626 Faltisco Kath Mrs
rear Kinsella Thos D
627 Rybczynski Julian J
Florek Eva
628 Zlotek Jos
Pierscinski Karolina Mrs
632 Kurek John S
Chodukiewicz Dominick
635 Fultz F Russell
640 Kelly Garrett P
641 Kusmierz Peter J
642 Few Alf J
Shimskey Cath Mrs
643 Grandy Leo A
644 Silvey Timothy
645 Harackiewicz Vincent
Podraza Henry T
647 Enfield Leonard G
649 Frank Geo J
650 Zientek Thos
651 Amplement Arth E
652 Bobro Bronislaus S
653 Zielinski Andrew
Sekki Edw
654 Eschberger Wm P
655 Allein Franklin
658 Nowak Peter
660 McNamara Vincent J
Hunt Edw J
664 Karpinski Peter
Karpinski Alf R
665 Mozdzier Wm E
Love Fred
667 Smith Marion Mrs gro
668 Szymczyk Anthony J
Gasiuk Edw
rear Grimmer Ann Mrs
669 Krywcun John
670 Konter Frank G
671 Wrest Francis
Wrest Eug F
672 Thompson Howard C
Thompson Howard C jr
673 Kurek Frank
Kubiszyn Walter N
674 Rindos John
675 Skrzynski Stanley A
Murawski Steph
676 Waligur Peter W
677 Novak Peter P
Janichi Clara Mrs
678 Malesa Peter
rear Shimskey John
Golden John V
682 Dvorozniak Geo
Dvorozniak Steven
684 Davis Caroline Mrs
Davis Clark J
688 Renkas John
Renkas Edw J
692 Tutak Mary restr
Smith intersects

75
GALLATIN AV — From 219 Ontario southeast to Progressive av
12 Bonnar Herbert L
13 McCray Milton E
14 Haslip Jas A
15 Medakovich Geo
18 Simpson Dorothy
19 Limburg Richd W
21 Zwing John
22 McClellan Fred W Rev
25 Hayes Mary K Mrs
26 McMorrow Earl
27 Hulbert Myron J jr
28 Lytle Chas W
DeGlopper Mary C Mrs
31 Gras Chester W
McPherson Thos A
32 Towkach Paul
33 Schaus Martin C
34 Kiddle Robt C
37 Orton Arth R
Jenkins Thos R Mrs
38 Huenniger Raymond
39 Dolan Wm L
Yozsa Rose B Mrs
40 Dworak Wilhelmina Mrs
43 Sivertsen Geo O
44 McCreadie Thos T
46 Fagyas Steph
47 Smith Edith
48 Cameron Norman F
49 Luggar Herbert H
50 Finnigan Gerald R
51 Collins Hattie Mrs
Doan Jack
52 Hardy Geo A
53 Booker Harvey W
55 Burfield Wm F
Schlecht Bernard
56 Williams Robt
58 Speth Arth F
60 Champsis Theresa Mrs
61 Schmidt Martin G
Maitland Geo
62 Erion Marvin A
West Fred
63 Fullerton Melvin D gro
Penman Walter
Billy Donald
Hunt av intersects
73 Runfola Chas A
Tauriello Victor J
77 Saunders Harold
Cox John M
78 Wilson Robt F
79 Tumidolsky Stanley W
81 Costello Lawrence E
Hoentges Matthew
Brace Maude E Mrs
82 Everest Paul H
84 Gaudy Lawrence J
85 Shaffer Melvin A
Berlinghoff Robt C
87 Simonick Steph J
Ekes Matthew
88 Madill Ada
89 Peters Arth E
90 Mills Kenneth
92 Finnegan Mae A
Decker Jesse
95 Troy Edith S Mrs
Hawkins John T
96 Culhane Gerald P
97 Riexinger Geo A
98 Gushue Geo C
99 Huffcut Henry J
100 Reifel Minnie Mrs
Silvanage Frank
103 Youngman Jos E
104 Venator Magdalen Mrs
106 Seiflein Amelia H Mrs
107 Bruce Howard H
108 Hontz Willard
109 Myrick Guy C
110 VanDenbergh Alf P
112 Kasper Geo J
118 Horgan Francis J
Progressive av intersects

66
GALLOWAY — From 81 Buffum southeast to Indian Church rd
11 Schwartz Harold P
15 Sherry John M
25 Klas Norman W pntr
Wolf Allen H
27 Crawley Earl C
Crawley Melvin E
29 Barker Harry J
MacDonald
Indian Church rd intersects

128
GALVESTON PLACE — From 800 Jefferson av east 1 block
6 Boswell Richd
Coronado Saml
35 Daluisio Thos J
Oger Martin H
36 Hubert Jos A
Williams Jos
40 Bell Robt
Moten Richd
44 Joyce Cora
46 Gabarino Eliz
50 Mauer Minnie Mrs
56 Pitts Elmer
60 Strobel Anthony A
64 Pellnat Paul

101
GALVIN PLACE — North ½ block to Kenmore av, 2 east of Elmwood av (not open)
Kenmore av intersects

44
GANSON — From 575 Ohio northwest beyond S Michigan av
2 Wheeling Corrugating Co (br) steel products
45 Carlson Truck Service Inc
149 Federal Portland Cement (dock)
153 Ganson Warehouse Inc
155 Eastern Weighing & Inspection Bureau
160 Pillsbury Flour Mills Co (whse)
161 Lloyd Nellie Mrs
189 Roberts Earle R
restr
191 American Shipbuilding Co Inc
Buffalo Dry Dock (Bflo yards)
225 Trometer Wm U restr
250 Pillsbury Flour Mills Co (mills)
Mutual Elevator grain
315 Engine Co No 10
333 Co-operative G L F Exchange Inc (br)
351 New Marine Diner
375 NYC System (yd ofc)
389 Kellogg Spencer & Sons Inc (refinery)
Kellogg Spencer & Sons Inc (control laby)
391 Kellogg Spencer & Sons Inc (grain elev)
S Michigan av intersects
460 General Mills Inc (whse)

13
GARDEN — From 286 Carolina northwest to Virginia
6 Notaro Peter J
Caffarelli John
8 Rizzo Anthony
Rizzo Dominic
10 Barone Edw G C
11 Petitto Peter
Puglisi Carmen
Puglisi Jos
16 Gallo Carmen
Ristau Harold
28 Cappello Jos
33 No return
47 Kravitz Metro
54 Flores Louis
56 Vacant
Virginia intersects

74
GARDON—From 749 S Ogden east to Cambria
(No houses)
Cambria intersects

75
GARFIELD — From 2143 Niagara east to Tonawanda
14 Kayes Emmett
Lanphear Thos
15 Fuller Orville L
Falk John R
17 Lanphear Raymond A
19 Quinn Marshall F
Wean Linda Mrs
20 Sommer Mary Mrs
Dean John
21 Yockey Geo A
22 Hall Chas D
Yockey Wm R
23 Brennan Harry O
rear Brennan Martin
24 Pakenham Jas C
Pakenham Wm F
25 Yockey Philip G
27 Rabner Steve
28 Gafner Calvin D
Fiutko Steph C
29 Falk Gilbert R
Sheedy Jas J
30 Benk Augusta M Mrs
32 Andrew Edwin
Rendes Susan Mrs
East intersects
Hartman pl intersects
Peoria intersects
111 Kinghorn Raymond J

GARFIELD—Contd
116 Schweitzer Raymond J
120 Walter Rose Mrs
122 Hickey Mary Mrs
Calumet pl intersects
126 Beck John V
Pitts Lela
128 Young Sophia B
Groot Geo
Furman Marion M
132 Bidwell Harry
Stinson John
134 Jones Wm H
138 Schmidt Amelia Mrs
Johnson Chas R
rear Klein Robt F
Tonawanda intersects

69
GARNER AV — From 289 Dewitt east to Parkdale av
4 Dublino Jos F
8 Higgins Jas H
Higgins Robt W
Callahan Edw J
9 DeLone John J
10 Mansfield Frank R
Palmer Margt Mrs
10½ Eikenburg Louis H
12 Laudisio Matthew
Carlucci Jos
15 Demler Fred J
Haentges Raymond A
rear Dembr John
16 Berg Edw H
Snell Geo
17 McAlvinn Fredk F
Brigham Philip G
18 Day Ruth M Mrs
Staub Michl W
rear Kitson Leslie B
19 Ables Edw
Goodrich Alf
20 Powers Jane Mrs
21 Moreland Melvin
24 Castiglia Nettie Mrs
gro
26 Wagner Francis J
27 Castiglia Jos J
Coleman Anna Mrs
rear Bernhardt Emma Mrs
29 Wilenkron Henry
rear Law Robt J
30 Hartke Margt E Mrs
31 Butch Henry J
32 Chadderdon Howard I
33 Notaro Vincent jr
Cudmore Donald B
34 Nagge Teresa M Mrs
Wynkoop Gerald
35 Bowen Irene L Mrs
38 Blondo Salvatore
Kovach Wm J
39 Martenson Edw J
40 Licata Angelo
Cascino Frank
42 Greco Thos T
McSwain Chas E
43 Winger Ray N
45 Giglia Rose Mrs
Rugh Jas
46 Roach Wm R
47 Salansky Frank T
48 Rich Jos M uphol
49 Sherman Philip
51 Jones Christopher C
53 No return
55 Lombardo Mario

67
Herkimer intersects
75 McCormick Evelyn M
Lima Josephine
76 Apartments
1 Syracuse Arth
2 Sweigert Cora L Mrs
3 Dorgan Edw J
4 Back Ernest W
77 Panaro Carmen
Bellissimo Carl F
79 Gorman Henry M
Brady Edw
80 Mulcahy John M
83 McDonald Edmund
Lustek Saml
84 Longobucco Chas
Tyrell Marvin
Longobucco Alf J
85 Lyons John D
Brucato Anthony
86 Smaldino Saml
Varisco Saml
89 Cottrell Arth J
Ellis Florence B
Ellis Paull F pub acct
90 Shanahan Danl
King Ethel Mrs
91 Kalway John
Raymond Louise
92 Dalton Peter J
Piskadlo Edw
93 Neri Saml P
Higgins Geo J
94 Sharkey John G
Rote Frank F
95 Donoghue John
96 Coleman Michl junk dlr
101 Peacock Margt A
Peacock Edith M Mrs
Peacock Earl C jr
101½ Braley Edwin J
102 Smith Cora M Mrs
103 Wagner Gerald
Raven Margt M
104 Jenkins Steph J
105 Linderman Anthony
Wightman Nellie
Zalka Nicholas
rear Meehan Thos
Haley Alice G Mrs

GANSON ST 1950

FULTON—Contd
Apartments—Contd
5 Miller John
6 Esene Andrew E
Street continued
341 Dutkiewicz Alex
Dutkiewicz Mecislaus
rear Witkowski Wm
342 No return
344 Kline Clarence D
345 Hynes Thos P
Cronin Jas
346 Swan Edwin J
347 Powers Edw E
O'Conners Julia
348 Flower Thos C
349 Regan Timothy F
Mungovan Thos J
Hamburg intersects
359 Borden Nelson V
361 Bruyere Jos F
363 Kaylor Mary Mrs
365 Gadziala Jennie Mrs
367 Wilds Edw
368 Machulsky Myron
369 Kolodziej Helen M Mrs
372 Toczek Frank
Wisnewski Alf
373 Wright Richd L
Edwards Chas
374 Mills Harry A
375 Kozukiewicz Casimer
377 Wilson Chester J
378 Zgoda Arth
380 Leininger Cath Mrs
rear Elliott Margt Mrs
381 Golonka Margt Mrs
rear Stelmach Anna Mrs
384 Szata Anthony
rear Otto Stanley
385 Lawson Geo P
Lawson Fred coal
386 Bogdzia Peter
387 O'Connell Martin J
Fields Arth
rear Lown Pearl Mrs
389 Lazarz Edw S
Crawford Walter J
rear Rudick Edw
390 Redmond Cath Mrs
392 Strobele Wm
393 Dziedzic Thos restr
394 Byledbal John S
Mamon John J gro
Red Jacket intersects
402 Grek Stanley T
Edwards Roy W
403 Kuwik Frank
Staer Eug L
406 Kwiecien John
Dziedzic Jos A
407 Panek Jos
Burk Frances Mrs
408 Kozoduj Felix
409 Donohue Edw J
rear Vacant
410 Andrzejewski Casimer S
411 Wilkins Archie F
Golownik Walter
412 Mutka Edw
Kowalski Frank J
rear Zielinski Mary Mrs
414 Nowicki Frank
rear Szolock Geo W
415 Kulczyk Anthony
rear Nowak Henry
416 Swientko Adam
rear Szuder Anthony P
Laskowski Genevieve Mrs
417 Szejnar Jacob
Gerevics Anthony jr
419 Gerevics Anthony
Dudek Stanley
420 Ponikowski Stanley
Mulawka Michl G
rear May Marcel
Ponikowski Stanley jr
426 Hlovote Frank
Watson Stanley
429 Dijac Margt Mrs

4
NYCRR (no crossing)
VanRensselaer intersects
521 Anderson John E H
Woromiecki John
Jagosh Larry
523 Anderson Eva E Mrs
527 Collins Sarah A
528 Niescierewicz Adam
529 Felisiak Jos S
530 Olechnicki Frank A
rear Doskocz Mary Mrs
531 Jeziorowski Fulton
532 Kapelka Peter J
Benedict John
534 Vacant
535 Gasiewicz Anthony
536 Noack Chas J
537 Lubecki Bernice
rear Celani Jos
539 Oleniczak Casimer
542 Faltisco Jos P
543 Courtwright Wesley
Gramli Helen
rear Vacant
544 Swientko Jos J
546 Brown Wm J
rear McHugh Edw
550 Laettner John G
Erie RR crosses
571 Setlock Andrew
573 Joseph Emanuel L
Joseph Francis
575 Joseph Jos E
577 Birch Chas
581 Barush Frank J
584 Panek Stanley E
589 Faltisco John J
Faltisco Andrew
591 Kazmierczak John
Shinsky John
595 Wilczak Mary Mrs
Jarosz Stanley J
597 Hogan Mary
Daley Timothy
599 Buchina Jos
Jacob Harold A
rear Buchina Andrew
601 Kurzanski Edw A gro
Kurzanski Anthony S
rear Kurzanski Anthony S jr
Kowalski Henry
602 Faltisco John J
rear Glinski Albert
604 Steinert Mary Mrs
605 Kempf Harold
rear Kolodziej Angeline
Bartels Anna
606 Klinko Ann
607 Halady Walter J
rear Halady Jacob
608 Cichon Mary nurse
Cichon John
610 Bannister Chester B
Tama Stanley
611 Krupski Michl
612 Glica Martin J
613 Rzadkiewicz Steph
614 Smardz Stanley A
616 Sieg Jas P
617 Malkiewicz Mary M Mrs
619 Wallace Wesley
Waz Jos
620 Pirog Thos
621 Bialy Stanley
622 Bak Martin
623 Kowal Wasyl
624 Malkiewicz Leo J
625 Jarzyna Frank A
Rollek Stanley A
626 Faltisco John J
rear Newman Kath E Mrs
627 Blaszkiewicz Edw J bldg contr
628 Pazlinski John
Kurek John
632 Kurek John S
Rusin Philip
Chodukiewicz Dominick
635 Fultz F Russell
640 Kelly Garrett P
641 Kusmierz Peter J
642 Few Alf J
Shinsky Andrew J
643 Grandy Leo
644 Silvey Emanuel T
645 Harackiewicz Vincent
647 Wrona Leonard M
649 Frank Geo J
650 Zientek Thos
651 Amplement Arth E
652 Bobro Bonislaus S
653 Augustine Theo
Sekki Edw
654 Eschberger Wm P
655 Coughlin Mary A Mrs
658 Nowak Peter
660 Rost John A
Wahlenmayer Herman
664 Karpinski Peter
665 Wilczak Geo J
Augustine Frank
Wohnhaas Geo J
667 Kowal Myron gro
668 Szymczyk Anthony J
Winnert Nelson
rear Kolaga John J
669 Ozga Kath Mrs
670 Konter Frank G
671 O'Connor Jas J
672 Thompson Howard C
673 Kurek Frank
674 Rindis John
675 Skrzynski Stanley A
Skrzynski Walter
676 Waligur Peter W
677 Novak Peter P
678 Jankowski Ignatius
Malesa Peter
rear Buczek Stanley J
Shimskey Edw J
682 Permoda Bronislaus
Dvorozniak Geo
684 Austick Wm
Davis Caroline Mrs
Davis Clark
688 Renkas John
Renkas Edw J
692 Tutak John
Tom and Eddie's restr
Smith intersects

75
GALLATIN AV — From 219 Ontario southeast to Progressive av
12 Bonnar Herbert L
Morris Albert E
13 McCray Milton E
14 Haslip Jas A
15 Max Steph J
18 Simpson Dorothy
19 Limburg Richd W
21 Zwing John
22 Russell Fred D
25 Hayes Thos E
26 Eschborn John C
27 Hulbert Myron J jr
28 Wesley Chas W
DeGlopper Mary C Mrs
31 Graf Chester W
McPherson Thos A
32 Towkach Paul
33 Schaus Martin C
34 King Herman W Rev
37 Orton Arth R
Kincaid Jos R
38 No return
39 Hembert Francis E
Yozsa Alex
40 Dworak Wilhelmina Mrs
43 Mary Philip J
44 McCreadie Thos T
46 Britt Clarence J
47 Tucker Stella M
48 Cameron Norman F
49 Kenyon Basil M
50 No return
51 Cairns John P
52 Hardy Geo
53 Booker Harvey
55 Burfield Wm F
56 Dominick Mary L
58 Speth Arth F
60 Gregson R Clarence
61 Schmidt Martin
Nolan Walter
62 Erion Martin
Erion Marvin A
63 Fullerton Melvin D gro
Hunt av intersects
73 Runfola Chas A
Tauriello Victor
77 Saunders Harold
Cox John M
78 Wilson Robt F
79 Tumidolsky Stanley W
81 Haentges Matthew
Brace Mitchell G
82 Everest Paul H
84 Gaudy Lawrence J
McCarron Edw J
85 Hertel Leo H
Shaffer Melvin A
87 Ekes Matthew
88 Smith Susanna Mrs
89 Robinson Carrie D Mrs
90 Mills Kenneth
Kleotzer Floyd A
92 Finnegan Mae
95 Troy Edith S Mrs
Smith Richd
96 Culhane Gerald P
97 Riexinger Geo A
98 Gushue Geo C
99 Huffeut H Jas
100 Reifel Minnie Mrs
103 Youngman Jos E
104 Venator Edmond
106 Seiflein Amelia H Mrs
107 Bruce Howard H
108 Camwell Jas A
109 Myrick Guy C
110 VanDenbergh Helen Mrs
112 Chifichase Howard H Rev
118 Horgan Francis J
Progressive av intersects

66
GALLOWAY — From 81 Buffum southeast to Indian Church rd
11 Schwartz Harold P
15 Barry Leo E
25 Shanahan Jos
Klas Norman W pntr
Pfister Edw J
Crawley Melvin E
29 Barker Harry J
Kane Harry G
Indian Church rd intersects

128
GALVESTON PLACE — From 800 Jefferson av east 1 block
6 Vanderpool Jas M
Coronado Saml
32 Taylor Geo E
35 Nash Raymond T
Manning Thos
36 Hubert Jos A
40 Hubert Wm H
44 Simon Edw P
46 Gabarino Eliz
50 Mauer Minnie Mrs
56 Maierhofer Jacob
60 Strobel Eliz A Mrs
64 Pellnat Paul

101
GALVIN PLACE — North ½ block to Kenmore av, 2 east of Elmwood av (not open)
Kenmore av intersects

44
GANSON — From 575 Ohio northwest beyond S Michigan av
2 Wheeling Corrugating Co (br) steel products
149 Federal Portland Cement (dock)
153-212 Buffalo Merchandise Warehouse Inc (whse No 5)
155 Eastern Weighing & Inspection Bureau
160 Pillsbury Flour Mills Co (whse)
161 Lloyd Nellie Mrs
189 Roberts Earle R restr
191 American Shipbuilding Co Inc
Bflo Dry Dock (Bflo Yds)
225 Trometer Wm U restr
250 Pillsbury Mills Inc Co (mills)
Mutual Elevator grain
315 Engine Co No 10
333 Co-operative G L F Exchange Inc (br)
351 Marine Lunch
375 NYC System (yd ofc)
389 Kellogg Spencer & Sons Inc (refinery)
Kellogg Spencer & Sons Inc (control laby)
391 Kellogg Spencer & Sons Inc (grain elev)
S Michigan av intersects
460 General Mills Inc whse
500 Great Eastern Elevator grain

13
GARDEN — From 286 Carolina northwest to Virginia
6 Notaro Peter J
Caffarelli John
8 Dolce Frank
10 Mistretta Frank
Bordonaro Michl L
11 Martin Geo nurse
16 Ristau Harold
Wesley Phyllis Mrs
28 Relosky Frank
33 Vacant
47 Vacant
54 Harding Jas
56 Gallo Salvatore
Virginia intersects

74
GARDON — From 749 S Ogden east to Cambria
(No houses)
Cambria intersects

75
GARFIELD — From 2143 Niagara east to Tonawanda
14 Kayes Emmett
Seaner Alma
15 Falk Gilbert R
Falk John R
17 Lanphear Raymond A
19 Quinn Marshall F
20 Hill Jas G jr
Sommer Matilda C Mrs
Sommer Edw J
21 Yockey Geo A
22 McCarthy Allen L
Hall Chas D
23 Brennan Harry O
rear Langdon Earl G
24 Griffin Raymond F
Galloway Kath R Mrs
25 Yockey Philip G
27 Rabner Steve
28 Murphy Frank
Nocera Jos J
29 Kerr Kenneth
Moyer Arth W
30 Benk Minnie
32 No return
East intersects
Hartman pl intersects
Peoria intersects
111 Kinghorn Raymond J
116 Schweitzer Raymond J
120 Walter Rose Mrs
122 Hickey Mary Mrs
Calumet pl intersects
126 Ganzmann Andrew W jr
Beck John V
128 Spencer Alf W
132 Wassmer Madeline Mrs
Beeman John E
134 Jones Wm E
138 Schmidt Chas A
Johnson Chas R
rear Miller Hans A
Tonawanda intersects

69
GARNER AV — From 289 Dewitt east to Parkdale av
4 Dublino Jos F
8 Higgins Jas H
Rose Geo H
rear Roll Jos
9 DeLone John J
10 Mansfield Frank R
Palmer Margt Mrs
10½ Eikenburg Louis H
12 Laudisio Matthew
Militello Peter
15 Demler Fred J
Haentges Raymond A
rear Gonsior Jos S
16 Berg Edw H
Starr Margt N Mrs
McAvinn Victoria I Mrs
18 Day Anna K Mrs
Day John G
Kitson Leslie B
19 Gallant Donald J
Wiser Harold A
20 Logan Anna C Mrs
Powers Jane Mrs
rear Leiser Henry J
21 Roll Reuben A
24 Castiglia Nettie Mrs
gro
26 Wagner Francis J
27 Dyrek Anthony J
Wilkerson Margt Mrs
rear Bernhardt Emma Mrs
29 Vick Frank J
rear Law Robt J
30 Sheehan Mary A Mrs
31 Rinaldo Robt J
32 LaPorte Victor D
33 Mohr Carl
34 Nagge Teresa M Mrs
35 Bowen Chas A
38 Biondo Salvatore
Kovach Wm J
39 Martinson Edw
40 Hille Chas J
Licata Angelo
42 Greco Thos T
McSwain Chas E
43 Winger Ray N
45 Giglia Rose Mrs
46 Roach Wm R
47 Leone John L
48 Rich Jos M uphol
49 Sherman Philip
51 Jones Christopher C
53 Graham Gerald J
Anderson Harry
55 Mann Bertha E Mrs

GARNER AV—Contd
67
Herkimer intersects
76 **Apartments**
1 Walters Albert D
2 Sweigert Geo C
3 Dorgan Edw
4 Speier Julius
Street continued
77 Panaro Carmen
Bellissimo Carl F
79 Gorman Henry M
Brady Edw
80 Simpson Laura
83 Caruso Jos V
Lustek Saml
84 Longobucco Chas jr
Longobucco Chas
85 Lyons John D
Brucato Anthony plstr
86 Smaldino Saml
Varisco Saml
89 Cottrell Arth J
90 Shanahan Danl
91 Curran Sara F
Kalway John
92 Kennedy John W
93 Neri Saml P
Lombardo Frank V
94 Weaver Wm
Wise Melvin L
95 Donoghue John
96 King Jos C auto repr
101 Peacock Edith M Mrs
rear Peacock Earl jr
102 Dutcher Leslie J
Mahoney Jas
103 Wagner Gerald
104 Ehnes John E
105 Spack Jos
Burdick Ernest L
Cardwell Wm H
rear Hershelman E E
Meehan Thos
106 Grant Albert
107 Canoll Chas C
Galvin Nancy
rear Marshal Harry
108 Bowman Albert
109 Manno Jos
Ciocca Ralph
Marsh Wm E
112 Benjamin Fredk M
McCoy Hobart R jr
114 Nelles Harold
Wagner Chas D
115 Steffan Carl
Vungaro Anthony
Miller Gladys Mrs
116 Soles Elmer L
117 Zimmerman Harry
rear Carroll Clara Mrs
118 Marceau Louis
120 Truman Fredk C
121 DeFabio Eug
Francino Salvatore
122 Grant Theo
140 Brice Fred A
Mergenhagen Fredk
Mergenhagen Ruth Mrs nurse
142 Danieu Francis J
Farrell Raymond R
144 LePrell Lawrence E
145 See Wm R
149 Brown Eva Mrs
151 Cummings Eug H
153 Berg Cecil J
154 Fair Arch P coal
155 McIntosh Helen Mrs
Weatherston Roger
158 Westenfelder Caroline M Mrs
Westenfelder Geo L
159 Duerr Willis H
160 Saville Lorne W
Margo John P
161 Dowd Eleanor
Regan Jos M
rear Schmitt Geo W
162 Harriman Benj G
164 Jakubczak Sigmund R
165 Sullivan Jas H
Farley Anne Mrs
Waters Jas F
168 Crippen Florence Mrs
Dalton Peter J
169 Bryan Harold
170 Bieber Milton
171 Whitehead John
Gahn J Chas
172 Crawford Bessie H Mrs
175 Fohl Frank A
rear Gruneisen Chas A
176 White Arth C
177 Gilbert Geo H real est
Gerace Philip J
Shearer Lawrence roofer
179 Washburne Alice C Mrs
Imhof Raymond P
D'Anna Geo B
rear Meicht Wallace L
180 Deighan Dennis J
182 Williams Eliz C
Burdick Stuart W
183 Vaughan Maurice
rear Outterson Floyd
184 Hannon John C
Parkdale av intersects

48
GARVEY AV — From 400 Hopkins east to Folger
18 Wieder Alois S
Merkl Fredk
22 Acquaviva Peter
27 Pruzinsky Steph P
29 Szarowski Nicholas
31 Cuthbert Beatrice Mrs

GANSON ST 1946

MA 3190

FULTON—Contd
Apartments—Contd
3 Buckley Bertha Mrs
4 Buckley Jas P
5 Lisandrelli Salvatore
6 Ringer Howard W
Street continued
244 **Apartments**
1 Jorgensen Geo E
3Δ Watkins Donald
4 Laettner Geo F
5Δ Barowski Chester
6Δ Deubell Dorothy Mrs
Street continued
246 **Apartments**
1 Neidl John
3 Vester Ruth
4 Brown Chas
5Δ Rolando Gilardo
6 Kresge Edwin
Street continued
248 Trzaska Adam
250 Hall Gertrude
252 Croall Arth D
254 Muckenhearn Frank
260 Meagher Paul J
262 Taylor Leo G
264Δ Budd Theo S
266Δ Mammana Steph J
268 **Apartments**
2Δ Cawthard Richd
3 Muggs Michl
4 Compise Flora Mrs
5 Huber Eug
6 Maddex Mary
Street continued
270 **Apartments**
1 Meeger Elsie
2 Dochstader Lillian Mrs
3 Kline Clarence D
4 Gregory Dani
5 Gullen Stanley
6 Canty Irene Mrs
Street continued
272 **Apartments**
1 Stepien Anthony
2 Hozan Jos
3 Minuse Hartwell
4 Vesper Henry
5 Rhonemus Harry H
6 Petrik Martin
Street continued
274 **Apartments**
3 Sulecki Edw
4 Leatherbarrow Earl
5Δ Klein Sherwood
6 Ratchuk Edw
Street continued
276 Weigand Adam G
278 Krentz Emil J
280 Fitzgerald Emory C
282 McDonald Thos
295ΔΩ O'Brien Owen F
300 Phillips Jos E
301 Zawadzki Alf
Rodzik Casimir
Δ Kanosiak Jos
302 McNaughton John
303Δ Posadek John
Δ Posadek Josephine beauty shop
304 Krasowski Bertha Mrs
306 Gilchrist Jas
307 Kulczyk Walter
Δ Bosley Carlton E
308 **Apartments**
3 Carney Jas
4 Briggs Robt
5 Roth Elmer
6 Beatty Kenneth
Street continued
309 Beutel Anna Mrs Ⓞ
Holmes Jas
310 **Apartments**
1 Phillips Kenneth H
2 Stewart Harry
3 Northling Arnold
4Δ Conners Wm
5 Vacant
6 Battistoni Mero
Street continued
311 Smolarek Thos E
rear Vacant
312 **Apartments**
1 McKenzie Danl J
2Δ Caplan Benj
3Δ Park Jas
4Δ Shuber John B
5 Baker Allen
6 Clark Alice Mrs
Street continued
314 **Apartments**
1Δ Kieliozek Walter
3Δ Fulater Florence
4Δ Solomon Edw J
5Δ Schreck Sylvester J
6 Vacant
Street continued
315 Kurek Aug
Kozlowski Stanley J
316 Felser John P
317 Feeney Johanna
318 Cummer Harold C
320 Leavel Leroy
321 Snyder Cath E Mrs
Δ Dibeueldy Geo
322 Moriarity Cornelius A J
323 Keefe Alta Mrs
Δ Sullivan John L
rear Szelewicka Stanley
325 Roskowicz Stanley J Ⓞ
326 Mey Genevieve Mrs
327Δ Matuszak Pearl
Moroney Nora Mrs
328 Bigouette Thos H
329 Amari Mary Mrs Ⓞ
Δ Peterson Mary Mrs
330 Mackey Jos C
332 Simon Henry C
334 **Apartments**
2 Hamm Francis W
3Δ Whalen Francis J
4 Wainwright Robt E
5 Stewart Norma
6 Kalicki Ignatius B
Street continued
335 Joseph Lillian Mrs Ⓞ
Δ Kelly Wm J
336 **Apartments**
2 Bruscia Danl
3 Snyder Francis D
4 Karmanos Geo
5 Mieth Richd
6 Kearney Jos P
Street continued
338 **Apartments**
1Δ Brass Anthony
3 Bodkin John
4 Pietrzak Jos
5 Weintraub Irving
6 Kozminski Albert
Street continued
339Δ Hynes Thos T
Δ Brown Wm L
340 **Apartments**
3 Soloman Patricia
4Δ Wagner Herbert
5Δ Miller John
6 Vacant
Street continued
341 Dutkiewicz Alex
Dutkiewicz Mecislaus
342 Battaglia Rudolph
344Δ Kielich Ann Mrs
345 Meyers Edw B
Cronin Jas
346 Burns Mildred Mrs
347Δ Powers Edw R
O'Connor Julia
348 Flower Thos C
349Δ Girdlestone Geo H
Δ Driscoll Dani
Hamburg intersects
359 Borden Nelson V
361 Edwards Georgiana Mrs
363 Kaylor Edw
365 Nagy Mary Mrs
367 Dingeldey Geo
368 Machulsky Myron Ⓞ
Flower Thos C
Shaup Clarence
369 Kolodziej Helen Mrs
372 Tozek Frank Ⓞ
Wisnewski Alf
373 Wright Richd L
Δ Edwards Chas
374 Chrzanowski Josephine Mrs Ⓞ
Nagle Danl J
375 Kozukiewicz Casimer
377 Wilson Chester J Ⓞ
378Δ Zgoda Arth
380 Leininger Cath Mrs
rear Δ Elliott Margt Mrs Ⓞ
381 Golonka Maret Mrs
Pawelek Pauline
rear Stelmach Anna Mrs
384 Szata Anthony Ⓞ
Δ Wiehe Fredk C
rear Otto Stanley
385Δ Lawson Geo P
Δ Lawson Fred Ⓞ coal
386 Bogdazia Peter Ⓞ
387 O'Connell Martin J Ⓞ
Δ Fields Arth
rear Town Pearl Mrs
389 Honik Theo W
Lazarz Edw S
rear Samluk John
390Δ Redmond John J Ⓞ
392Δ Bruyere Jos F
393Δ Dziedzic Thos Ⓞ restr
394 Teledhal John S
Δ Mamon John J gro
Red Jacket intersects
402Δ Lensky Isadore contr
Dominiak Wm
403 Kowik Frank Ⓞ
Stoehr Eug L
406 Kwiecien John
Beck Evelena
407 Panek Jos Ⓞ
Bak Frances Mrs
408 Kozoduj Felix Ⓞ
409Δ Vareska Frank
Fries Rita
410 Gray Ernest
411 Wilkins Archie F
Golownik Walter Ⓞ
Mietak Edw
412 Proulx Amelia P Mrs
Hocieniec Edw J
Kowalski Frank J
rear Zielinski Mary Mrs
414Δ Nowicki Frank
rear Setlock Geo W
415 Kulczyk Anthony W
Crowe Danl
rear Nowak Henry
416 Guggemos Clifford J
rear Szuder Anthony
Domanszki Leopold
417Δ Szeinar Jacob Ⓞ
Gerevics Anthony jr
Jedrysik Vincent
419 Gerevics Anthony
Dudek Stanley J
420 Ponikowski Stanley Ⓞ
Mulawka Michl G
May Marcel
Ponikowski Stanley F jr
426 Wisniewski Victoria Mrs
Hlovate Frank
429 DeJac Oscar J
42
NYCRR (no crossing VanRensselaer intersects
521 Anderson John E H
Lozorick John
rear Vacant
523 Anderson John
527 Collins Sarah A Ⓞ
528 Niescierewicz Adam Ⓞ
529 Felisiak Jos S Ⓞ
Newham Geo R
rear Stanek Peter C
530 Vacant
531 Kennick Paul L
532 Kapelka Peter J Ⓞ
Benedict John
534 McCooly Lawrence E
Hopper Raymond
535 Gasiewicz Anthony
536 Noack Chas J Ⓞ
Fallisco Peter
537 Luebecki Bernice
rear Celani Jos
539 Kubiszyn Michl P
542 Faltisco Jos
543 Coulter Lloyd J Wesley
rear Mezas Louis
544 Swientko Jos J Ⓞ
Kmiec Jos S
545 Niepsuj Stanley
546 Martin Kath Ⓞ
rear Melnik Saml
550 Laettner John G Ⓞ
Erie RR crosses
571Δ Setlock Andrew Ⓞ
573 Joseph Emanuel L
Nassey Eug
575 Joseph Jos E Ⓞ
577 Birch Chas Ⓞ
581 Barush Frank J
584 Panek Stanley E Ⓞ
589 Faltisco John J
Faltisco Andrew
591 Kazmierczak John
Shinsky John
595 Wilczak Mary Mrs Ⓞ
Jarosz Stanley J
597 Daley Timothy A
Δ Hogan Mary Mrs
rear Wiese Frank E
599 Buchina Jos Ⓞ
Jacobs Harold A
rear Deck Wm J
601Δ Kurzanski Anthony S Ⓞ gro and meats
Kurzanski Anthony
rear Kurzanski Anthony
602 Nalewajek Michl
Tarasowski John
rear Glinski Sarah
604 Steinert Steph
605 Kempf Harold
Kolodziej Angeline Ⓒ
Fultz Russell
Bartels Anna
606 Mrynewski Edw
Klinko John
607 Halady Walter
Halady Sarah
Zielinski Andrew
608 Creswell John C
Malkiewicz Leo
Cichon John
610 Bannister Chester B
Tama Stanley
611 Krupski Michl Ⓞ
612 Glica Martin J Ⓞ
613 Rockwitz Steph
614 Smardz Stanley A sr
616 Lemke Mabel A Ⓞ
617 Malkiewicz Mary M Mrs Ⓞ
619 Wallace Wesley
Waz Jos
620 Pirog Thos Ⓞ
621 Vacant
622Δ Bush Eliz J Mrs Ⓞ
623 Kowal Wasyl Ⓞ
624 Lukaswiecz Michl P
Mullins Peter
625 Jarzyna Frank A Ⓞ
Rollek Stanley A
Olak Stanley
Zioniek Alex
626 Faltisco John J Ⓞ
rear Newman Kath E Mrs
627 Blaszkeivicz Edw J
628Δ Pazlinski John Ⓞ
Zlotek Jos
632Δ Rusin Philip
Chodukiewicz Dominick
635 Collins Margt M Ⓞ
640 Kelly Garrett P Ⓞ
641 Kusmierz Peter J Ⓞ
642 Shimsky Andrew J Ⓞ
643 Grandy Leo Ⓞ
644Δ Silvey Emanuel T Ⓒ
645 Harakiewicz Vincent Ⓞ
Waz Bronislaus
647 Wrona Leonard M Ⓞ
649 Frank Geo J Ⓒ
650 Heider Michl J
Zientek Thos
651 Powell Edw J
Kord Mathew
652 Bobro Bonislaus Ⓞ
653 Miskiewicz Mary A Mrs
Zielinski Frank
654 Eschberger Wm P Ⓞ
655Δ Coughlin Mary A Mrs Ⓞ
658Δ Nowak Peter
660 Yanvo Chas
Commerford Ethel G Mrs
664Δ Karpinski Peter Ⓞ
Hunt John J
665Δ Few Alf J
Wilczak Geo Ⓞ
rear Wohnas Geo J
667Δ Kowal Myron Ⓞ gro and meats
668Δ Szymczyk Anthony J Ⓞ
Winneic Nelson
rear Kolaga John
669 Ozga Kath Mrs
670 Konke Frank G Ⓞ
Rose Donald
671 O'Connor Jas J Ⓞ
Love Fred
672Δ Thompson Howard C Ⓞ
Δ Sovinsky Jos
673 Pasko Matilda Mrs
674 Greenwood Russell
675 Skrzynski Stanley A Ⓞ
Koszka Thos
676 Waligur Peter
677Δ Zvivatch Jos M Ⓞ
Novak Peter P
678Δ Jankowski Ignatius
Malesa Peter Ⓞ
rear Buczek Stanley
Kaznica Edw
682 Permoda Bronislaus
Czapski Walter Ⓞ
684 Austick Wm
Δ Davis Raymond S Ⓞ
688 Renkas John Ⓞ
Renkas Edw J
692 Tutak John
Smith intersects
79
GALLATIN AV — From 219 Ontario southeast to Progressive av
12Δ Bonnar Herbert L Ⓞ
Δ Morrish Albert E
13Δ McCray Milton E Ⓞ
14Δ Haslip Jas A Ⓞ
15Δ Max Steph J Ⓞ
18Δ Sloson Dorothy
19Δ Limburg Richd W Ⓞ
21Δ Zwing John Ⓞ
22Δ Russell Fred D
25Δ Hayes Thos E Ⓞ
26Δ Eschborn John C Ⓞ
27 Hulbert Myron J jr
28Δ Wesley Chas W
DeGlopper Mary C Mrs Ⓞ
31 Nicholls Wm J Ⓞ
Δ Graf Chester
32Δ Towkach Paul Ⓞ
33Δ Schaus Martin C Ⓞ
34Δ King Herman W Rev
37Δ Orton Arth R
Δ Kern Eug E Ⓞ
38Δ Huenniger Raymond C Ⓞ
39Δ Jones Raymond P
Hembert Francis E
40 Dworak Wilhelmina Mrs Ⓞ
43Δ Kenyon Basil M
44 McCreadie Thos T Ⓞ
46 Britt Clarence J Ⓞ
47Δ Tucker Stella M Ⓞ
48Δ Cameron Norman F Ⓞ
49Δ Morgan Wm Ⓞ
50 Miller Grace M Ⓞ
51 Cairns John P
52Δ Close Howard M Ⓞ
53 Booker Harvey
55Δ Musser Milton R Ⓞ
56 Dominick Elmina W Ⓞ
58 Speth Arth F Ⓞ
60 Gregson Harry J Ⓞ
61Δ McLeod Max F
Δ Nelles Blanche
62 Erion Martin Ⓞ
Erion Marvin A
63Δ Close Frank delicatessen
Rosenberg Harry
Hunt av intersects
73Δ Fish Jas
Horn Edw G
77Δ Prange Wm L
Saunders Harold
78 Wilson Robt F Ⓞ
79Δ Tumidolsky Stanley W Ⓞ
81 Kuebler Clarence W Ⓞ
Δ Gallant Carl
82 Lawrence Earl H
84 Gaudy Lawrence J
Grapho Norton M
85Δ Hertel Leo H
Shaffer Melvin A Ⓞ
87Δ Ekes Matthew Ⓞ
88 Smith Jas E
89Δ Robinson Raymond F Ⓞ
90 Mills Kenneth
Kleotzer Floyd A
95 Troy Edith S Mrs Ⓞ
96Δ Culhane Gerald P Ⓞ
97Δ Riexinger Geo A Ⓞ
98Δ Bushue Geo C Ⓞ
99Δ Huffert H Jas Ⓞ
100Δ Reifel Minnie Mrs
103Δ Youngman Jos E Ⓞ
104 Venator Edmond
106Δ Seiflein Amelia H Mrs Ⓞ
107Δ Bruce Howard H Ⓞ
108 Camwell Jas A Ⓞ
109 Myrick Guy C Ⓞ
110 VanDenbergh Arth P Ⓞ
112Δ MacKay Geo W P Rev Ⓞ
118 Horgan Francis J Ⓞ
Progressive av intersects
66
GALLOWAY—From 81 Buffum southeast to Indian Church rd
11Δ Schwartz Harold P Ⓞ
15Δ Barry Leo E Ⓞ
25 Dieckmann Wm Ⓞ
McWilliams John
Δ Deegan Francis W
27Δ Barker Harry J
Pfister Edw J
29Δ Biden John D
Δ Kane Harry G
Indian Church rd intersects
128
GALVESTON PLACE—From 800 Jefferson av east 1 block
6 Vanderpool Jas M
Licata Saml
32 Taylor Geo E
35 Mash Raymond T
Manning Thos
36 Hubert Jos A
40Δ Hubert Wm H Ⓞ
44 Osborn Rose W
46 Gaetz Ella Ⓞ
50Δ Mauer Minnie Ⓞ
60 Strobel Eliz A Mrs Ⓞ
64 Pellinat Paul Ⓞ
87
GALVIN PLACE—North ½ block to Kenmore av, 2 east of Elmwood av (not open) Kenmore av intersects
44
GANSON — From 575 Ohio northwest beyond S Michigan av
2Δ Wheeling Corrugating Co steel products
45Δ Williamsville Sales and Service trucking
149 Buffalo Slag Co Inc The (dock)
153-212Δ Buffalo Merchandise Warehouses Inc (wmse No 5)
160Δ Pillsbury Flour Mills Co (whse)
161Δ Lloyd Nellie Mrs Ⓞ
189Δ Roberts Earle R Ⓞ restr
191-301Δ American Shipbuilding Co Inc
Δ Buffalo Dry Dock Co
250Δ Pillsbury Flour Mills Co (mills)
Δ Mutual Elevator grain
315Δ Engine Co No 10
333Δ Co-operative G L F Mills Inc (plant) grain
Δ Ganson Co-operative G L F Service Inc feed
Δ Pacific Molasses Co Ltd The whol
339Δ Eastern Weigh & Insp Bureau
351Δ Marine Lunch

GANSON—Contd
375 NYC System (yd office)
379Δ Trometer Wm U restr
389Δ Kellogg Spencer & Sons Inc (mill)
Δ Kellogg Spencer & Sons Inc (control laby)
se cor Δ Kellogg Grain & Elev Corp
S Michigan av intersects
460Δ Frontier Elevator grain
Δ Dakota Elevator grain
500Δ Great Eastern Elevator grain
15
GARDEN — From 286 Carolina northwest to Virginia
6 Notaro Salvatore P
Δ Belsito Louis J
8 Galbo Russell R
Dolce Frank
10 Bardonaro M L
Fazio Enrico
11 Oldyke Amos
Martin Geo nurse
16 Michaud Roland
Hiltenbrand Phyllis
28 Vohwinkel Bernard
32 Terrance Louis
47 Avellino Chas
54 Caron Frank
Harding Emma Mrs
56 Burkardt Elma C
Virginia intersects
74
GARDON — From 749 S Ogden east to Cambria
(No houses)
Cambria intersects
75
GARFIELD — From 2148 Niagara east to Tonawanda
14Δ Kayes Emmett
Δ Seani Alma
15 Skerrett Wm
Falk Gilbert R
17Δ Lanphear Raymond
19Δ Quinn Marshall F
Wean Linda L Mrs
20Δ Hill Jas G jr
Δ Sommer Matilda C Mrs
Sommer Edw J
21 Yockey Geo A Ⓞ
22Δ McCarthy Allen
Hall Chas D
23 Brennan Harry O Ⓞ
rear Langdon Earl G
24Δ Galloway Kath R Mrs Ⓞ
Δ Wiley Edw W
25 Moody Harold
Yockey Philip
27Δ Weber Clarence J
Rabner Steve
28 Wudyke John
Brock Chas
29 Guffner Albert F
Moyer Arth W
30Δ Benk Caroline Mrs Ⓞ
rear Hulos Alex
32 Rendes Louis Ⓞ
Danwell Albert
East intersects
66 Vacant
Hartman pl intersects
Peoria intersects
111Δ Kinghorn Raymond J
116Δ Young Jos Ⓞ
120Δ Walter Wm Ⓞ
122Δ Hickey Mary Mrs
Calumet pl intersects
126Δ Beck John V Ⓞ
Δ Mooney Gerald
128 Young Sophia B Ⓞ
Kirkwood Alex
132 Wassmer Jos J Ⓞ
Δ Beeman John E
134Δ Jones Wm
138 Schmidt Chas A Ⓞ
Δ Johnson Chas R
rear Δ Miller Hans A
Tonawanda intersects
69
GARNER AV — From 289 Dewitt east to Parkdale av
4Δ Dublino Jos T
8Δ Higgins Jas H
Δ Rose Geo H
rear Storrey Lawrence G
9Δ DeLone John J
10Δ Mansfield Frank R Ⓞ
Δ Maguire Edw
Δ Palmer Margt Mrs
10 ½ Δ Eikenburg Louis
12Δ Laudisio Matthew
Dacey Alice M
15 Crowe John P
Δ Seward E J Co millwright contr
Haentges Raymond A
rear Δ Gonsior Jos S
16 Berg Edw H Ⓞ
17Δ Cole Raymond J
18Δ Day Anna K Mrs Ⓞ
Δ Day John G
Staub Michl
rear Δ Kitson Leslie B
19Δ Gallant Donald
Δ Page Jas
20 Logan Anna C
Δ Powers Jane
rear Δ Leiser Henry J
21 Calabrese Rose M Mrs Ⓞ
24Δ Grisanti Michl Ⓞ gro
26Δ Wagner Francis Ⓞ
27 Berg Edw F
Reid John J
Bernhardt Emma Mrs
29Δ Firman Jos A
rear Δ Law Robt J
30Δ Sheehan Mary Mrs Ⓞ
31Δ Dooley Robt F
Δ Gorman Grace
Δ Wacker Albert H
32 LaPorte Victor D Ⓞ
33 Mohr Carl
34Δ Nagge Bernard W Ⓞ
McElhinny Jack
35 Bowen Chas A Ⓞ

GANSON ST 1940

FULTON—Contd
240 Apartments
1 Vacant
2 Vacant
3 Vacant
4 Vacant
5 Vacant
Street continued
242 Apartments
1 Vacant
2 Vacant
3 Vacant
4 Vacant
5 Vacant
Street continued
244 Apartments
1 Vacant
2 Vacant
3 Vacant
4 Vacant
5 Vacant
Street continued
246 Apartments
1 Vacant
2 Vacant
3 Vacant
4 Vacant
5 Vacant
Street continued
248 Vacant
250 Gleason Thos J 4
252 Vacant
254 Vacant
256 Vacant
258 Vacant
260 Vacant
262 Vacant
264 Budd Theo 6
266 Vacant
268 Apartments
1 Vacant
2 Vacant
3 Vacant
4 Vacant
5 Vacant
Street continued
270 Apartments
1 Vacant
2 Vacant
3 Vacant
4 Vacant
5 Vacant
6 Vacant
Street continued
272 Apartments
1 Vacant
2 Vacant
3 Vacant
4 Vacant
5 Vacant
6 Vacant
Street continued
274 Apartments
1 Vacant
2 Vacant
3 Vacant
4 Vacant
5 Vacant
Street continued
276 Vacant
278 Vacant
280 Fitzgerald Emory C 4
282 Vacant
295△O'Brien Owen F 5 gro
300 Vacant
301 Marinelli Nicholas J 7
rear Kapsiak Michl 8 ◎
Walton Wm G 4
302 Vacant
303 O'Neill Mary L 2 ◎
Boskat Wm 6
rear Vacant
304 Vacant
306 Vacant
307△Kulczyk Agnes Mrs 3
midwife
Fabian Jos 6
308 Apartments
1 Vacant
2 Vacant
3 Vacant
4 Vacant
5 Vacant
Street continued
309 Beutel John J 4 ◎
Hewson Geo 4
310 Apartments
1 Finster Conrad 2
2 Vacant
3 Vacant
4 Vacant
5 Vacant
6 Vacant
Street continued
311 Nowak Theo 3
rear Vacant
312 Apartments
1 Vacant
2 Vacant
3 Vacant
4 Vacant
5 Vacant
6 Vacant
Street continued
314 Apartments
1 Vacant
2 Vacant
3 Vacant
4 Vacant
5 Vacant
Street continued
315 Kurek Aug 4
Kozlowski Stanley J 3
316 Vacant
317 Feeney Mary Mrs 1 ◎
318 Vacant
320 Vacant
321△Ryan Bridget Mrs 7 ◎
Snyder Cath Mrs 3
322 Silvey Timothy 5
323 Appleford Roy 5
Wiles Nellie Mrs 5
rear Szelewicka Stanley 6 ◎
325 Roskowicz Stanley J 6
Blaszyk Steph 2
326 Vacant
327 Aman Mary Mrs 4 ◎
328 Vacant
329 Lonergan Mary Mrs 2
Peterson Mary Mrs 3
330 Vacant
332 Vacant
334 Apartments
1 Vacant
2 Hamm Francis 3
3 Vacant
4 Vacant
5 Vacant
6 Vacant
Street continued
335 Joseph Thos M 4 ◎
Holland Jas J 4
336 Apartments
1 Vacant
2 Furisk Isadore 2
3 Vacant
4 Vacant
5 Vacant
6 Vacant
Street continued
338 Apartments
1 Ward Jas 3
2 Vacant
3 Vacant
4 Vacant
5 Vacant
Street continued
339 Hynes Thos P 5
Brown Wm L 4
340 Apartments
1 Vacant
2 Vacant
3 Vacant
4 Vacant
5 Vacant
Street continued
341 Cournane Mary Mrs 1 ◎
Gable Chas M 4
342 Vacant
344 Burghen Geo 6
345 Meyers Edw B 7
Cronin Jas 2
346 Vacant
347△Powers Edw R 6
O'Connor Mary Mrs 3
348 Vacant
349△Girdlestone Geo H 6
△Driscoll Danl 7
Hamburg intersects
359 Borden Nelson V 6
361 Edwards Georgiana Mrs 6
363 Kayler Edw 2
365 Dingeldey Louis E 7
367 Hellems Wm E 5
368 Machulsky Miron I 3 ◎
369 Kolodziej Helen Mrs 6
372 Toczek Frank J 6 ◎
373 Wright Richd L 4
McNamara Ray V 3
374 Chzsanowski Josephine Mrs 2 ◎
Nagle Danl J 2
375 Damiano Chas 4
377 Wilson Chester J 3 ◎
378△Karle Geo J 2 ◎
380 Leininger Cath Mrs 8
rear△Elliott Margt Mrs 3 ◎
381 Golonka Andrew 4 ◎
Tofilski Adolph 3
rear O'Donnell Mary 2
384 Szata Anthony 3 ◎
Haugh Thos J 3
rear Kline Harry A 5
385△Lawson Geo P 10
△Lawson Fred ◎ coal
386 Bogdzia Peter 2 ◎
387 O'Connell Martin J 8 ◎
rear Healey Teresa Mrs 1
389 O'Connor Danl L 2
Crawford Walter J 4
rear Racki Chester W 6
390 Redmond John J 3 ◎
392 Bruyere Jos F 5
393 Dziedzic Thos 6 ◎ restr
394 Byledbal John S 4
△Mamon John J 4 gro
Red Jacket intersects
402 Lensky Isadore 3 confr
Dominiak Wm 5
403 Kuwik Frank 4 ◎
Stoehr Eug 3
406 Kwiecien John 3
Jablonsky Chas 5
407 Otto Mary E Mrs 4 ◎
408 Kozodoj Felix 7 ◎
409 Rzeznik Walter 6 ◎
410 Andrzejewski Casimir 4
411 Golownik Walter 11 ◎
rear Kozakiewicz Casimir 7
412 Proulx Amelia P Mrs 5
Larkin Jas 2
Kowalski Frank J 2
rear Kasinski Walter 3
414 Borek Frank 5
rear Szymkowski Jos 5
415 Kulczyk Anthony W 5
rear Skop Frank 3
Gerevics John 4
416 Grossman Herbert H 3
rear Gorski John 7
Krasawska Antonia Mrs 6
417 Szejnar Jacob 6 ◎
Gerevics Anthony jr 2
419 Gerevics Anthony 10
Dudek Stanley J 5
420 Ponikowski Stanley 3 ◎
Dunmyer Doris Mrs 1
rear Bruyere Alex J 3
Ponikowski Stanley F jr 3
426 Wisniewski Geo 4 ◎
429 Dejac Oscar J 6
NYCRR (no crossing)
VanRensselaer intersects
521 Anderson John E H 5
Connelly Ross 3
rear△Hughes Lula A Mrs ◎
nurse
523 Anderson Eva C Mrs ◎
Minor Clarence E 4
527 Collins Sarah A 2 ◎
528 Duderewicz Pauline Mrs 7 ◎
529 Vacant store
Chmiel Wm 5
Felisiak Jos 2 ◎
rear Stanek Peter C 2
530 Dooling Jerome A 4 gro
rear Wood Myron M 6
531 Barry Delia Mrs 2 ◎
532 Kapelka Peter J 4 ◎
Benedyk John jr 3
534 Black Alvin J 6
Kontrabeck Jos B 2
535 Kowasowski Thos 4
536 Faltisco Peter ◎
Noack Chas J 6
537 Lubecki Bertha Mrs 2 ◎
Kazmierczak John F 2
rear Setlock John W 2
539 Kubiszyn Michl 4
542 Wasyliw Stanley W 3 ◎
543 Stumm Elmer A 6
rear Tyransky Jos 2
544 Swientko Jos 10 ◎
Kmiec Jos S 4
545 Niepsuj Stanley 5 ◎
546 Martin John J 2 ◎
rear Melnik Saml 4
550 Laettner John G 10 ◎
Erie RR
571△Setlock Andrew 3 ◎
573 Songin Stanley G 4
Joseph Emanuel L 3
575 Joseph Jos E 5 ◎
577 Birch Chas 4 ◎
581 Barush Frank J 7
584 Faltisco Andrew 7
589 Shimsky John A 6
Redmond Chas E 4
591 Hogan Mary Mrs 5
△Malone Jas W 5
595 Wilczak Mary Mrs 8 ◎
Bruyere Lawrence O 3
597 Daley Timothy A 2
Kleinsmith Russell C 3
rear Wiese Frank E 3
599 Buchina Jos 7 ◎
Jacobs Harold 4
rear Kreavy Michl 2
601△Kurzanski Anthony 5 ◎ gro
Kurzanski Edw A 2
rear Kolasz Margt M B Mrs 3
Gorski Stanley E 4
602 Winkowski Jos 5
Chanda Mary Mrs 2
rear Nalewajek Michl 4
604△Steinert Steph S 9 ◎
605△Kolodziej Angeline Mrs 2 ◎
Bobro Bronislaus 10
rear Fultz Russell F 5
606△Klinko John J 9 ◎
Pirog Thos 5
607 Halady Sarah Mrs 3 ◎
Smardz Stanley A 4
rear Waligur Peter W 4
608 Cichon John S 9 ◎
Malkiewicz Leo J 2
Belter Herman R 3
610 Bannister Chester B 4
Ames Dewey H 2
611 Krupski Michl 5 ◎
612△Carr John H 10
613 Parks Eliza B 3 ◎
614 Glica Martin J 10 ◎
616 Lemke Edw F 2 ◎
617 Vacant store
Malkiewicz Mary Mrs 5 ◎
619 Waz Victoria Mrs 7 ◎
Barren John W 3
Waz Jos 5
620△Fields Arth L 5
621 Bialy Stanley 5 ◎
622△Bush Eliz J Mrs 1 ◎
623 Kowal Wasyl 4 ◎
624 Valleri Carl 6
Mullen Peter 1
625 Jarzyna Frank 5 ◎
Rollek Stanley A 3
rear Rollek Wm A 3
626 Faltisco John J 5 ◎
rear Newman Kath E Mrs 3
627 Hartnett Benj P 1 ◎
628 Szarpa Anthony F 8 ◎
Sporysz Walter 4
632 Rusch Cath T Mrs 2 ◎
Hannes Roy J 4
635 Collins Margt M ◎
640 Kelly Garrett P 5 ◎
641 Kusmierz Peter J 5 ◎
642 Shimsky Andrew J 3 ◎
643 Grandy Chas G 1 ◎
Grandy Leo G 7
644△Silva Emanuel T 3 ◎
645 Harackiewicz Vincent 4 ◎
Harackiewicz John S 4
647 Wrona Leonard J 6 ◎
649 Frank Fredk J 4 ◎
650 Miga Adam 6
651△Lipka Dominick 5 ◎
652 Jankowski Ignatius 7
653 Potwora John M 4 ◎
Miskiewicz Mary Mrs 1
654 Esenberger Wm P 4
655 Coughlin Mary A Mrs 3
658△Gipp Clara A Mrs 2 ◎
660△McAdam Jas P 6 ◎
664△Karpinski Peter 6 ◎
Hunt John J 4
665 Smith Carlton C 4
Szuflita Steph 2
rear Wohnhaas Geo J 1
667△Solovey Andrew 4 ◎ gro
668 Szymczyk Anthony J 8 ◎
△Zwelling Edw R 6
rear Acker Wm G 4
669 Ozga John T 4 ◎
670 Konter Frank G 5 ◎
671 Krasowski Bertha Mrs 6
O'Connor Jas J 2 ◎
672 Thompson Howard C 7 ◎
Dzielski Walter V 2
673 Storozuk Paul 3 ◎
Pasko Bernard 5
674 Vacant
675 Skrzynski Stanley A 4 ◎
Koszka Thos 6
676 Kowalski Frances Mrs 5 ◎
677△Zviyatch Jos M 3 ◎
Novak Peter P 3
678 Gutowski Felix 9
rear Hunt Thos 3
Schultz Jos J 4
682 Czapski Walter 4 ◎
Lang Wm E 3
684 Janicki Stanley 4
Mutka Edw P 5
688 Renkas John 5 ◎
Klimko Andrew K 5
692 Vacant store
Drabek Casimir P 3
Rankas Edw 2
Smith intersects

GALLATIN AV—From 219 Ontario southeast to Progressive av
12△Bonnar Herbert L 6 ◎
13△McCray Milton E 2 ◎
14△Haslip Jas A 4 ◎
15△Miller John J 4 ◎
18△Simpson Dorothy 2 ◎
19 Miller Kenneth F 3
21 Zwing John 2 ◎
22△Russell Fred D 5 ◎
25 Fisher Fredk H 8
26△Eschborn John C 4 ◎
27 Knos Hugo A 5 ◎
28 DeGlopper Mary C Mrs 4 ◎
Hauser Truman 4
31 Nicholls Wm J 4 ◎
Nicholls Andrew 2
△Graf Chester 2
32 Towkach Paul 4
33△Schaus Martin C 5 ◎
34△Smith Littleton E H Rev 6
37△Kern Eug E 1 ◎
38 Lozinsky Andrew 5
39△Jones Raymond P 3
Hembert Francis E 3
40 Dworak Wilhelmina Mrs 3 ◎
43△Cowell Herbert 5
44 Smith Ada W Mrs 3 ◎
46 Britt Lillian Mrs 7 ◎
47△Tucker Cora I Mrs 5 ◎
48△Britt Wm L 3
49 Morgan Wm 5 ◎
50 Miller Grace M 3 ◎
51 Flannery Malcolm 9
52 Close Howard M 4 ◎
53△Cobb Jas A 2 ◎
55△Musser Sarah A Mrs 4 ◎
56△Dominick John H 3 ◎
△Dominick Mary L phys
58 Speth Arth F 2 ◎
60 Gregson Harry J 3 ◎
61 McLeod Max F 3
MacDonald Danl 6
62 Erion Martin 2 ◎
Erion Marvin A 4
63△Lund Marie Mrs 6 ◎
Keating Edw V 2
Lederer Jos 2
Close Frank gro
Hunt av intersects
73 Lindbergh John 4
Wilson Frank M 2
77 Prange Wm L 5
78 Ralph Jesse G 5 ◎
79△Wiedrich Cornelius E 2 ◎
81 Trouse Fred 3
Koenig Bertha Mrs 5
82 Horvath Edw J 9
84 Vacant
85 Hertel Leo H 2
Strom Wm 2 ◎
87 Ekes Matthew 3
88 Smith Jas E 2 ◎
89 Robinson Carrie D Mrs 3 ◎
90 Vorce Aubrey D 2 ◎
92△Finnigan Thos W 3 ◎
93 Troy Geo C 2 ◎
96△Culhane Gerald P 4 ◎
97△Riexinger Geo A 4 ◎
98△Lewis Alf F 2 ◎
99△Huffcut H Jas 3 ◎
100△Reifel Minnie Mrs 3 ◎
103△McVetty Wm H 2 ◎
104 Grunzweig Henry 3
106△McDonald Michl J 4

GALLATIN AV—Contd
107 Youngman Jos E 2
108△Glass Jerome E 4
109 Myrick Guy C 2 ◎
110 VanDenbergh Arth P 4 ◎
112△Olney Harvey O Rev 3
118 Gillespie Peter 4
Cummings John 3
Progressive av intersects

GALLOWAY—From 81 Buffam southeast to Indian Church rd
11△Connors Delia Mrs 5 ◎
15△Daniels John F 3 ◎
25△Dieckmann Wm 2 ◎
△Judd Clifford V 2
Deegan Francis W 3
27 Barker Harry J 4
Pfister Edw J 3
29△Biden John D 4
△Voltz Henry E 4
Indian Church rd intersects

GALVESTON PLACE—From 800 Jefferson av east 1 block
6 Stellmach Anthony 1
Moch Walter L 2
10 Vanderpool Jas M 3
Ruhland Jos J 3
32 Taylor Geo E 7
35 Beach Carl A 5
McFadden Emma Mrs 1
36 Wilde Walter W 3
37 Vogel Valentine 1
40 Fray Walter A 5
Pfeiffer Frank F 2
44 Roland Arth C 10
46 Garbarino Aug 2 ◎
50 Abraham Barbara Mrs 1 ◎
56 Freiburger Margt Mrs 2 ◎
60 Strobel Eliz A Mrs 2
64 Steltermann Lorenz 3

GALVIN PLACE—North ½ block to Kenmore av, 2 east of Elmwood av (not open)
Kenmore av intersects

GANSON — From 575 Ohio northwest beyond S Michigan av
2△Wheeling Corrugating Co steel products
149 Buffalo Slag Co Inc The (dock)
153-212△Buffalo Merchandise Warehouses Inc (whse No 5)
157 Vacant
160△Pillsbury Flour Mills Co (whse)
161△Lloyd John P 4 ◎
189△Roberts Earle R 10 ◎ restr
191-301△American Shipbuilding Co Inc The
221 Vacant
250△Pillsbury Flour Mills Co (mills)
△Mutual Elevator grain
315△Engine Co No 10
333△Co-operative G L F Mills Inc grain
△Ganson Co-operative G L F Service Inc feed
△Commercial Molasses Corp
339△Paget Car Cooperage Co (grain bureau)
340△Co-operative G L F Farm Supplies Inc
351△Pumphrey Geo restr
375 NYC System (yd office)
379△Trometer Wm W restr
385△Great Lakes Boiler Repair Co Inc
Trombley Edw 2
389△Kellogg Spencer & Sons Inc (mill)
S Michigan av intersects
ne cor△Kellogg Grain & Elev Corp
459△Marine Elevator B grain
460△Frontier Elevator grain
△Dakota Elevator grain
500△Great Eastern Elevator grain

GARDEN — From 286 Carolina northwest to Virginia
6 Militello Saml 6
Rolando Gilardo 5
8 DelPriore Jerry S 2
Catanzaro Anthony 3
10 Calosi Irene Mrs 3
11 Snyder Wade A 3
Spray Etta Mrs 2
Quagliana Chas A 9
16 Mazzola Jos 2
Mazzola Dominick 6
28△LaClair Michl 5
47 Vacant
54 Nelson Andrew E 4
Zanda Angelo 3
56 Nasca Ralph 4
Virginia intersects

GARDON — From 749 S Ogden east to Cambria
(No houses)
Cambria intersects

In Buffalo It's The

GANSON ST 1935

GEORGE URBAN MILLING CO. Tel. Lafayette 8340-41-42

FULTON—Contd
402 Vacant store
Rybka Peter A
403 Kuwick Frank ⓞ
Downey Dennis J
406 Glowacki Eva Mrs
Wojteczek John
407 Otto Mary E Mrs ⓞ
Vonsick Michl
408 Kozodoj Felix ⓞ
409 Rzeznik Walter ⓞ
410 Andrzejewski Casimir
411 Golownik Walter ⓞ
rear Vacant
412 Proulx Amelia Mrs
Grochala Matthew J
414 Wrobel Andrew
rear Kiebzak Ray
415 Kulczyk Anthony W
rear Lloyd Lillie Mrs
Snyder Chas W
416 Borek Frank
rear Gorski John
Dominick Wm
417 Szejnar Jacob ⓞ
Jedrysik Vincent
419 Gerevics Anthony
Mauerman Louise Mrs
420 Ponikowski Stanley ⓞ
rear McCarthy Lawrence
Kilcoyne Mary Mrs
426 Herman Rose Mrs
Leo Howard J
429 Dejac Oscar J
NYC RR intersects
VanRensselaer intersects
521 Anderson John E H
Mieth Richd D
rear△Hughes Lula A Mrs ⓞ nurse
523 Anderson Eva C Mrs ⓞ
Minor Clarence
527 Collins Sarah A ⓞ
528△Duderewicz Anthony ⓞ
529 Vacant store
Chmiel Wm
Feliciak Jos ⓞ
rear Stanek Peter
530 Molczan Alex gro
rear Wood Myron M
531 Barry Delia Mrs ⓞ
Fitzgibbons Mary Mrs
532 Kapelka Peter ⓞ
Waz Anna Mrs
534 Fitzgerald Albert T
Nipsug Stanley
535△O'Leary Bartholomew B
536 Faltisco Peter ⓞ
Noack Chas J
537 Kontrabecki Bertha Mrs ⓞ
rear Setlock John
539 Jaskolka Frank
542 Wasyliw Peter ⓞ
543 Hilburger Jacob
rear Seumm Elmer A
544 Swiatko Jos ⓞ
Zdrowak Stanley
545 Morawski Peter ⓞ
546 Martin John J ⓞ
rear Shea Sarah Mrs
550 Laettner John G ⓞ
Erie RR intersects
571△Setlock Andrew ⓞ
573 Doctor Jos
Joseph Emanuel L
575 Joseph Jos E ⓞ
577 Hillery Wm J
581 Barush Frank J
Gorski Stanley
584 Skutnik Peter
589 Januale Ralph
Shimsky John A
591△O'Leary Jeremiah B
595 Wilczak Mary Mrs ⓞ
Birch Chas
597 Daley Timothy A
McCarthy Jas F
rear Wiese Frank E
599 Hogan Mary A Mrs ⓞ
Malone Jas W
rear Cobb Geo
601△Kurzanski Anthony ⓞ gro
Waz Jos
rear Kolasz Margt Mrs
Kaznica John A
602 Winkowski Jos
Chanda Steph
rear Dingeldey Jos
604 Faltisco Andrew
605 Kolodziej Stanley ⓞ
Bobro Bronislaus
rear Fultz Russell F
Pluta Edw I
606 Vacant store
Klinko John J ⓞ
607 Halady Sarah Mrs ⓞ
Ptak Thos
rear Gutowski Felix S
608 Cichon John ⓞ
Evans Francis
610 Bannister Chester B
Barran Anna Mrs
611 Krupski Michl ⓞ
612 Carr John H
613 Parks Belle L ⓞ
614 Glica Martin J ⓞ
Pirog Thos
616△Lemke Edw F ⓞ
617 Vacant store
Malkiewicz Walter ⓞ
619 Waz Victoria Mrs ⓞ
Barren John W
620 Fields Arth L
621 Bialy Stanislaw ⓞ
622△Bush Chas H ⓞ
623 Kowal Wasyl ⓞ
624 Kellar John F
Roberts Wm J
625 Jarzyna Frank ⓞ
626 Faltisco John J ⓞ
rear Newman Cath E Mrs
627 Hartnett Benj ⓞ
628△Loftus John J ⓞ
Loftus John J jr
632 Rusch Cath T Mrs ⓞ
Maloney Wm J
635 Collins Margt M ⓞ
640 Kelly Garrett P ⓞ
641 Kuzmierz Peter J
642 Shimsky Andrew J
643 Grandy Chas G ⓞ
Grandy Leo A
644△Silvey Emanuel T ⓞ
645△Dugan Eliz C ⓞ
647 Parish Isabel Mrs
649 Frank Fredk J ⓞ
650 Zientek Thos ⓞ
651△Linka Dominik ⓞ
Lipka Steph radio repr
652 Sliwinski Anthony ⓞ
653 Potwora John ⓞ
Szarpa Anthony
654 Krug Jos J
655 O'Connor Ellen C Mrs ⓞ
Coughlin Patk J
658△Gipp Clara Mrs ⓞ
660 Kosowski Thos
664 Karpinski Peter ⓞ
Hunt John J
665 Wrona Leonard J
rear Wohnhaas Dennis J
667△Solovey Andrew ⓞ gro
668 Szymczyk Anthony ⓞ
Pietruszewski Walter
rear Quinn Andrew
669 Ozga John T ⓞ
670 Konter Frank G ⓞ
671 Krasowski Michl
O'Connor Jas J
672 Mayer Geo F ⓒ
Henna Thos
673 Thompson Howard C
Storozuk Paul ⓞ
674 Herzog Chester S
675 Skrzynski Stanley ⓞ
Kozlowski John F
676 Kowalski Clara Mrs ⓞ
677△Zviyatch Jos M ⓞ
Novak Peter
678 Kowalski Robt B
rear Hunt Thos
Smith Chas C
682 Neupower Andrew J
Lang Wm E
684 Mutka Jos
Janicki Stanley
688 Rekas John ⓞ
Klinko Andrew F
692 Tutak John
Smith intersects

GALLATIN AV—From 219 Ontario southeast to 99 Progressive av
12△Bonnar Herbert L ⓞ
13△McCray Milton E ⓞ
14 Haslip Jas A ⓞ
15 Miller John J ⓞ
18△Simpson Mary C Mrs ⓞ
19△Limburg Chas A ⓞ
21 Zwing John ⓞ
22△Russell Fredk D ⓞ
25 Stinson Fred
26△Eschborn John C ⓞ
27 Knos Hugo A ⓞ
28 DeGlopper Mary C Mrs ⓞ
DeGlopper Norman F exp
Carlton Jas R
31 Nicholls Andrew J ⓞ
32△Allen John B ⓞ
33△Schaus Martin C ⓞ
34 Smith Littleton E H Rev
37△Kern Eug E ⓞ
38 Johnson Caroline M Mrs ⓞ
39△Jones Raymond P
Himbert Francis
40 Dworak Herman ⓞ
43△Sumner Chas D
44 Smith Ada W Mrs ⓞ
46 Britt Martin M ⓞ
47△Tucker Wm ⓞ
48△Britt Wm L
49 Morgan Wm ⓞ
50 Fuller Chas A ⓞ
51 Glickstein Isadore
52 Miller Hans A ⓞ
53 Plato Isabel B Mrs ⓞ
Strauss Thos A
55△Musser Lawrence G
56 Dominick John H ⓞ
Dominick Mary L phys
58 Speth Arth F ⓞ
60 Gregson Harry J ⓞ
61 Kern Edw J
Noble John H
△McLaughlin Patk J ⓞ
62△Erion Martin ⓞ
Schuster Donald B
63△Lund Marie M ⓞ confr
Lund Frank R
Lederer Jos
Hunt av intersects
73△Allgeier Wm H ⓞ
Carson Geo F
77 O'Brien Harry D
Sullivan Fannie K ⓞ
Prange Wm L
Rennie Robt M
78△Ralph Jesse G ⓞ
79△Wiedrich Cornelius E ⓞ
81 Trouse Fred W
Koenig Bertha Mrs
82 Horvach Edw J
84 Meehan Thos
Meehan Herbert A
85 Gors Helen Mrs
Strom Wm ⓞ
87 Ekes Matthew
88 Smith Jas E ⓞ
89 Robinson Carrie D Mrs ⓞ
90 Vorce Aubrey D ⓞ
Devine Wm T
Dinan John
92△Finnegan Thos W ⓞ
95 Troy Geo C ⓞ
96△Culhane Gerald P ⓞ
97△Riexinger Geo A ⓞ
Parker Carrie R Mrs drsmkr
98△Lewis Alf F ⓞ
99△Huffcutt H Jas ⓞ
100△Reifel Minnie Mrs ⓞ
103△McVetty Wm H ⓞ
104 Minihan Michl J
106 Martin Albert E
107 Youngman Jos E
108△Glass Jerome E
109 Myrick Guy C ⓞ
110△VanDenbergh Arth P ⓞ
112 Olney Harvey O Rev
118 Martin John W
Progressive av intersects

GALLOWAY — From 83 Buffam southeast to Indian Church rd
11△Connors Jerome S ⓞ
15△Daniels John F ⓞ
25△Dieckmann Wm ⓞ
△Judd Clifford V
27 Barker Harry J
Pflester Edw J
29 Biden John D
△Voltz Edw

GALVESTON PLACE—From 797 Jeffersen av east to inner lot
6 Stellmach Anthony
Uhl Edw
10 Vanderpool Jas M
Ruhland Jos J
32 Halsing Peter
35 Zimmerman Clarence G
McFadden Hugh A
36 Wilde Walter W
37 Weiss Wm
40 Fray Walter A
Pfeiffer Frank F
44 Zimmerman Jos A
46 Garbarino Aug ⓞ
50 Abraham Steph ⓞ
56 Freiburger Margt Mrs ⓞ
60 Strobel Eliz A Mrs
64 Steltermann Lorenz

GALVIN PLACE — From 1580 Kenmore av south to inner lot
(No houses)

GANSON—From Ohio northwest to Peck slip opp foot of Main
△N Y Central (yd office)
2△Wheeling Corrugating Co
sheet steel
157△Great Lakes Transit Corp
(tin shop)
161 Lloyd John P ⓞ
189△Roberts Earl R ⓞ restr
191-301△Buffalo Dry Dock Co
221△Lennon Frank B ⓞ restr
250△Pillsbury Flour Mills Co
△Mutual Elevator Co
△Island Warehouse Corp
315△Engine Co No 10
333△Co-operative G L F Mills Inc
grain
△Ganson Co-operative G L F
Service Inc feed
△Commercial Molasses Corp
(terminal)
339△Paget Car Cooperage Co
(grain bureau)
351 Pumphrey Geo restr
375△Kellogg Spencer & Sons Inc
linseed oil mfrs
379 Hanrahan Thos P ⓞ restr
385 Vacant
389 Vacant
Michigan intersects
437 Myers John B ⓞ restr
441 Cerankowski John F ⓞ restr
459△Marine Elevator B grain
460△Frontier Elev & Mill Co
grain
500△Dakota Elevator grain
△Great Eastern Elevator grain

GARDEN — From 292 Carolina northwest to 293 Virginia
6 Viggioni Jos
Geraci Michl
8 Spray Jas
Barone Angelo J
10 McArthur Wm R
Sawyer Saml
11 Colgate Adelaide Mrs
Giambra Saml
Ball Richd A
16 Mazzola Jos
28 Lea John
Mazzola Dominic
47 LaClair Michl
54 Costantino Anthony
Mascia Louis

GARFIELD—From 2143 Niagara east to 530 Tonawanda
14 Bauer Henrietta O Mrs ⓞ
15 Ehl Louise M Mrs
Holzer John F

Grocers' Equipment Broadway 4095 Glassware Silverware

GALLOWAY—From 83 Buffam. southeast to Indian Church av

11 Conners Jerome S ⓞ
15 Daniels Louis H ⓞ
25 Brown Thos
Dieckmann Wm ⓞ
27 Barker Harry
Roth Aug
29 Murray Ellen Mrs
Voltz Harry E

GALVESTON PLACE—From 797 Jefferson av east to inner lot

6 Moran Thos
Stellman Constance Mrs
10 Yunke Anthony E
Weiss Wm F
32 Will Agnes Mrs
36 Voit Lucy Mrs
37 Vandre Susan Mrs
Wiess Wm
39 Huber Melvin E
40 Pfeiffer Frank F
Wallman Wm
44 Labart Fred ⓞ
46 Garbarino Aug
50 Abraham Steph ⓞ
56 Freiburger Margt ⓞ
60 Strobel Jacob D
64 Miller Jas W

GALVIN PLACE—From 1580 Kenmore av south to inner lot

(No houses)

GANSON—From Harbor Turnpike northwest to Peck slip opp foot of Main

——— Eastern Elevator grain
Great Lakes Transit Corp steamship agts
N Y Central RR Shops
Trunk Line Freight Insp Lake Grain Dept
Frontier Elevator & Mill Co
2 Wheeling Corrugating Co sheet steel
161 Lloyd John P ⓞ
189 Roberts Earl soft drinks
191-301 Buffalo Dry Dock Co
221 Lennon Frank P soft drinks
250 Pillsbury Flour Mill
Mutual Elevator Co
329-333 Co-Operative Grange League Federation Exch Inc
339 Niagara Frontier Car Inspection Assn

Michigan intersects

437 Myers John B ⓞ soft drinks
441 Cerankowski John ⓞ
459 Marine Elevator B grain
500 Dakota Elevator grain
Eastern Elevator

GARDEN—From 292 Carolina northwest to 293 Virginia

6 Notaro Chas
Scinta Saml
8 Dolci Jos
Dolci Chas
10 Lombardo Saml
15 Shepard Arth
Engel Matthew
Covert Claude
16 Mazzola Louis
Balassan Abrahamian
28 Hughes Donald
45 Vacant
47 Rose Thos
54 Brown Steph
Cegala Jos jr

GARFIELD—From 2143 Niagara east to 530 Tonawanda

14 Bauer Wm J
Miller Edw
15 Kindron Danl
Holzer John
17 King Leonard R
19 Hellmig Frank J
Wolff Eliz Mrs ⓞ
20 Hill Jas G
Sommer Matilda Mrs ⓞ
21 Yockey Geo ⓞ
22 Fitch Fred
Riexinger Jacob ⓞ
23 Kirsch Grace Mrs
24 Galloway Fred S ⓞ
25 Gentzka Aug F ⓞ
Mack Geo C
26 Seaner Fred ⓞ
27 Clark Geo
Rabner Steven ⓞ
28 Ahrens Wm G
29 Kortz Emma Mrs
Pratt Guy
30 Benk Caroline Mrs ⓞ
Rendes Louis
32 Reglin Robt

East intersects
Hartman pl intersects

111 Ringleben Justus H

Calumet pl intersects
Tonawanda intersects
Peoria intersects

114 Brach Leo ⓞ
116 Walter Wm ⓞ
118 Hickey John ⓞ
120 Dugarm Nichoias ⓞ
128 Kadow Geo
Blust Edw J
132 Wassmer Jacob ⓞ
134 Heidenreich Geo
138 Smith Chas ⓞ
Johnson Chas R

GARNER AV—From 291 Dewitt east to 260 Parkdale av

4 Holloran Michl ⓞ
6 Vacant
8 Hayes Claude
Sheehan Patk M
rear Schultz Robt J
9 Cunningham Thos P
10 Mansfield Frank R
Miller Sophie Mrs
rear King John W
12 Bishop Alex
Colichia Gaetano
15 Frantz Albert J
Smith Donald R
rear Cole Wm
Diebold Fredk C
16 Berg Edw
17 Hurst Ida J Mrs
Miller Wm H
18 Brosart John R
Day Anna K Mrs
rear Waid Jos
19 Vacant
20 Roe Wm H
Leiser Henry
rear Logan Wm T
21 Hansen Carl
24 Grisanti Michl ⓞ gro
26 Wagner Frank
27 Waldon Robt S
Wood Wm J
rear Kennedy Jas
29 Hall Geo
rear Irwin Jas
30 Smith Mary L Mrs
31 Degnan Thos ⓞ
rear Vacant
32 Oelheim Andrew C
33 Wilkinson Howard D
34 Nagge Bernard ⓞ
35 Bowen Chas A ⓞ
38 Biondo Saml ⓞ
Schneider Wm J
39 Brink Arth H
40 Martina Anthony
Purdy Nelson W
42 Spencer Wm A
McLean Robt K
43 Beam Garnet E
45 Harris Lorenzo ⓞ
46 Brucato Anthony ⓞ
47 Mitchell Jos W
Davis Jos H
48 Rich Jos M ⓞ
49 Sherman Philip
51 Jones Columbus J
53 Pferd John A
55 Williams Ethel I Mrs

Herkimer intersects

76 Baumgartner Jeanette Mrs
Dawson Robt
Lacombe Belle Mrs
79 Corbett Nora Mrs ⓞ
80 Simpson Geo
83 Smith Wm B
Wickstrom Emil
84 Lowe Geo
85 Griesinger Josephine Mrs
Temlitz John
86 Zoeller Ernest
89 Paull Charlotte
Stinson David
90 Love Crawford W
90 Harvey Sidney
91 Karcher Walter F
92 Bert Salvatore
Carver Chas
DelCastillo Antonio ⓞ
93 Grant Mary M Mrs
Harrigan Chas
Gatenbe Jas
94 Barnhart Ralph L
Burt Robt C
95 Bernhart Michl
96 Danieu Frank plmbr
101 Peacock Steven H roofer
102 Cobb Jas A
103 Howamets Saml
104 Findley Albertina Mrs
105 Caldou Wm
Sheard Martin
106 McEvoy Jas V
107 Howe Carey W
108 Hofheinz Wm ⓞ
109 Hurst Louis J
Manno Lawrence mus tchr
112 Benjamin Fredk M ⓞ
114 Hall Jos W
Truman Fredk
115 Newton Wm H
116 Holman Saml
117 Regan Thos
Wilson Howard
118 Zimmerman Chas A
120 Bruce Jacob F
121 Pelham Laura E

Grant intersects

140 Fourby Albert
Mergenhagen Sarah E Mrs
142 Goodemate Clyde
144 Hansen Jas P
145 Myers Fred ⓞ
149 Brown Chas
151 Cummings Eug H ⓞ
153 Yosette Irving
154 Westenfelder Arth L ⓞ
155 Ray Thos ⓞ
Vandepette Edw
158 Westenfelder Louis ⓞ
159 Hawkins Fredk C
160 Westenfelder Geo L
161 Dowd Chas J
McCarthy John J
rear Eckel Michl
162 Harriman Alex
164 Farrell Wm
165 Schaffer Allen G
Glaser Aloysius
rear Carroll Mary A ⓞ
168 Crippen Fred M real est
Crippen Sadie E Mrs
169 Baker Floyd
170 Thompson Edgar M
171 Brown Mary J Mrs ⓞ
Mulhern Bernard
172 Brown Fred ⓞ
175 Grant Francis L
rear Gregory Wm ⓞ
176 Brown Carl W
177 Gilbert Geo H ⓞ
rear Bird Walter T
179 D'Anna Geo B
Washburn Ernest S ⓞ
rear Pfleeger Carl M
180 Imhof Raymond P
182 Burdick Stuart W ⓞ
Williams Kath Mrs
183 Liddell Jas N
rear Greenman Leigh C
184 Hannon Marcella Mrs

Parkdale av intersects

GARVEY AV—From 400 Hopkins east to Folger

18 Wieder Alois
22 Clayson Eug A ⓞ paperhngr
27 Mallion Wm H
29 Lake Harry ⓞ
31 Cuthbert Ernest
33 Mootz Chas ⓞ
41 Harley John
46 Long Jas P
59 Michael Chas J
65 Paris Steph J
84 Sheehan John R
86 Gregno Leonard J
87 Husarek Adolph ⓞ
90 Scoones Fred W
92 Earon Lawrence J auto livery
96 Tourjie Geo

Folger intersects

GATCHEL—From 1620 Broadway north to West Shore RR

16 Snyder Frank F
17 Grabski Peter
Wrobel Jos
18 Wouk Jos ⓞ
19 Benedict Julia C Mrs
20 Wojciechowski Roman ⓞ
21 Szczepaniak Rose Mrs
22 Braitkrus Stanley ⓞ
Matuszewski Walter
23 Scofield Jos E B ⓞ
24 Lewszyk John G
White John
Bealkowski John
26 Harowski Andrew ⓞ
Paradowski Adam
27 Larsen Henry C ⓞ
Snyder Lawrence
31 Kwiatkowski Boleslaus ⓞ
Stefanski Helen Mrs
32 Hooley Clara Mrs ⓞ
Hurley Jerome R
33 Schmitt Chas W ⓞ
Markowski Walter E
36 Wode Jos
Magary F H
37 Szeluga Anthony ⓞ
38 Swieczkowski Jos ⓞ
Semski John
39 Minikowski Conrad ⓞ
McCarthy Edw
40 Dorobiala Frank
Nowacki Frank H
42 Cicicera Bronislaus ⓞ
43 Laskowski Peter ⓞ
45 Ring Michl ⓞ
48 Wiechec Valentine ⓞ
49 Raczka Walter J ⓞ

GANSON ST 1925

ROAT
Roat Carl hlpr English Woolen Mills r2283 Genesee
" David H r516 Ashland av
Robak Adam lab h544 Amherst
" Jacob ironwkr h107 Gatchell
" Jos r85 Swinburne
" Stanislaus restr 976 Elk h do
Robarge Albert A asst mgr Metropolitan Life Ins Co h33 Wildwood pl
Robb Bert W purch agt J Dold Pkg Co h3 Berkley pl
" Ellis L mach opr r877 Main
" Eva S bkpr Link & Co Inc r2388 Bailey av
" Geo lab Kensington Davis Corp h23 Roebling av
" Jas L woodwkr h27 Robins
" Mary L (wid Luke T) r360 Hudson
ROBB WALTER B, V-Pres and Asst Treas Larkin Co Inc, h107 Lincoln Pkwy, Phone Bidwell 0159
Robbey Frank B mgr h64 Stewart av
Robbie Jas hlpr Bridgeman-Russell Co Inc h500 Hickory
Robbins see also Robins
" Albert E sheet iron wkr h373 Broadway
" Bert barber 254 Ontario h19 Saratoga
" Bert supt h19 Buell av
" Buckley clk DuPont Rayon Co r464 Norwood av
" Byron driver h58 Orlando
" Clara J (wid Amos) piano tchr 3173 Main h do
" Clarence (Seneca Vulcanizing Wks) res Woodlawn N Y
" Earl T clk Ry M S h31 Potter's Corners rd
" Edith supt of nurses Millard Fillmore Hosp
" Edw M inspr U S Eng Office r3173 Main
" Edwin M (Robbins Veneer & Lmbr Co) h734 Auburn av
" Elmer lab Sterling Engine Co r281 William
" Fred H slsmn Edw H Baker Corp h18 Linwood av
" Grace A clk Larkin Co Inc res Kenmore N Y
" Hans T slsmn S K F Industries Inc res Rochester N Y
" Harold E crane opr h1117 Tonawanda
" Hildegarde E opr N Y Tel Co r1317 Michigan av
" Hoyt formn h71 Parkridge av
" J Bessie sten Ross Heater & Mfg Co res Kenmore N Y
" Kathryn tchr P S h258 W Utica
" Lena H (wid Oscar A) h1317 Michigan av
" Lucy (wid Jas) r110 N Pearl
" Milton A cond h2028 Clinton
" Nettie E (wid Wm A) r62 Admiral rd
" Rose G (wid Truman) r rear 497 West av
" Saml formn h372 Ontario
" Sarah (wid Wm B) h234 Massachusetts av
" Veneer & Lumber Co (Edwin M Robbins) 801 Ellicott sq
" Wm R mldr h76 Royal av
" & Myers Co J J Martin mgr elec supplies 831 Ellicott sq
Robe Florence L clk Chas Kennedy & Co r19 Hoyt
Robel John chauf h133 French
Rober Chas fnshr h1, 50 Zittel
" Edna M sten r1, 50 Zittel
Roberson John h7 Edith av
" Jos lab h511 S Division
" Maggie L maid 100 Norwood av
" Wm M butter 100 Norwood av
Robert Abr lab r209 Monroe
" Anthony E clk r34 Lathrop
" Douglas printer r922 Michigan av
" Elmer A formn h144 Doat
" Frank r27 Hauf
" Fred B autos h224 Hartwell rd
" Fredk lab r38 Clemo
" Fredk lab h209 Monroe
" Henry A clk P O r34 Lathrop
" Henry A clk r144 Doat
" Howard W slsmn r317 Riley
" Jas mldr r209 Monroe
" John M lab P O h34 Lathrop
" Martin h34 Lathrop
" Mary Mrs mach opr r2095 Niagara

ROBERT
" M Wallace attdt Cole Sulphur Vapor Bath Parlors h121 Downing
" Rodie ship clk h77 Verplanck
Roberto Amilcare chauf h300 N Division
Roberts Albert F clk r rear 839 Tonawanda
" Alf F clk r281 Emslie
" Alf J soft drinks 351 Elk h do
" Alf M asst mgr h132 Bedford av
" Alice slsldy E W Edwards & Son r2009 Hartel av
" Allison S dentist 1370 Main r15 Shoshone
" Alma L tchr P S r372 Richmond
" Alva baker h499 Emslie
" Alvenia (wid Herbert) h192 Sheffield av
" Amelia M sten DeForest Porter Adv Serv 272 Vermont
" Angela slsldy Bedell Co r278 Franklin
" Anna L phone opr r124 Maple Ridge av
" Anna M (wid Henry J) h124 Maple Ridge av
" Arth A h92 16th
" Arth R chf aud N Y Tel Co h116 E Delavan av
" Bernadine slsldy r2, 112 Pries av
" Bert F tailor 585 Potomac av h314 do
" Bertram C mgr Westinghouse Lamp Co r100 Virgil
" Bessie N waitress Jas Cullen r183 Niagara
" Betty waitress r192 Whitney pl
" Burie mldr h427 Clinton
" Caleb B r396 Summmer
" Carol J phys 18th fl Statler Hotel h2732 Main
" Carolyn clk r112 Pries av
" Cath r163 14th
" Chas hostler Mohn & Hunter Co h200 Niagara
" Chas mech r383 Jefferson av
" Chas mtrmn h438 Masten av
" Chas B slsmn r36 Custer
" Chas D adv Pratt & Lambert Inc h400 Elmwood av
" Chas E driver Mack-Intl Motor Truck Corp res Eggertsville N Y
" Chas F electn r35 Brayton
" Chas H switchmn h99 Ludington
" Clara r540 Grant
" Clara H sten H P Brainard r66 Whitney pl
" Clarence W mach h rear 241 Southampton
" Clark A auto mech Paige Sales Co h23 Breman
" Corey R (Roberts Tire & Battery Co) h66 Merrimac
" Cosano D waiter Melandinos r248 Georgia
" David A press opr r23 Bremen
" Dorothy M sten Dixon & Ballou r272 Vermont
" Dorothy M typist R G Dun & Co r135 Roosevelt av
" Earl R restr 189 Ganson h do
" Edith Mrs cook Russet Cafeteria r17 Plymouth av
" Edith F sten r31 Shields av
" Edw mech h15 Shoshone
" Eliz r163 14th
" Eliz maid 282 Wellington rd
" Eliz M tchr P S r367 Elmwood av
" Ellen (wid John) h353 Elk
" Ellis H carting h114 19th
" Elmer P custodian The Colonial h401 Delaware
" Elsie r438 Masten av
ROBERTS EUGENE C (E L Hedstrom), h731 7th, Phone Tupper 1272
" Ferd mach r90 Winslow av
" Floyd grinder Sterling Engine Co r1280 Michigan av
" Frances student r427 Clinton
" Frank r133 Mariner
" Frank A drftsmn Fredk K Wing Co r76 Hastings av
" Frank E carp r133 Carroll
" Frank H h8, 45 Potomac av
" Frank J formn h27 Dorris av
" Frank J pntr h215 Blaine
" Frank K ins agt h372 Richmond av
" Frank M archt 314 Potomac av h do
" Fred A handymn Buff Gen Elec Co r120 Roesch
" Fred B auto agncy h24 Hartwell rd
" Fred L supt Wheeler Elevator Co 276 Linden
" Fred R electn h9 Copeland pl

METZ BROS COMPANY General Building Contractors

APPENDIX E

MUNICIPAL RECORDS

RPS Version 4 - [Parcel Update , Group - Inquiry, Name - intern]

File Edit View Toolbar Window Help

122.13-4-1.11 | 140200 Buffalo | Active | P/S: 1 | School: Buffalo School

George W. Burnett, Inc. | Roll Year: 2019 Curr Yr | Vacant indus | Land AV: 18,700

189 Ganson | Land Size: 4.10 acres | Non-Homestead | Total AV: 18,700

- Parcel 122.13-4-1.11
  - Notes
  - History
  - Assessment
    - Spec Dist(s)
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Com
    - Land(s)
    - Valuation
  - Sale10/28/09

Parcel | Permit | Deed Reference

Parcel Land Size

Acres: 4.10 Front: 830.00 Depth: 50.00 Sqft: Irregular Lot:

Grid Coordinates

East: 1071325

North: 1043920

Active Code: Active

Account No: 00295670

Last FM Info

Modified: 05/21/2013 04:18 PM

User Name: enid2

Folder: Owner

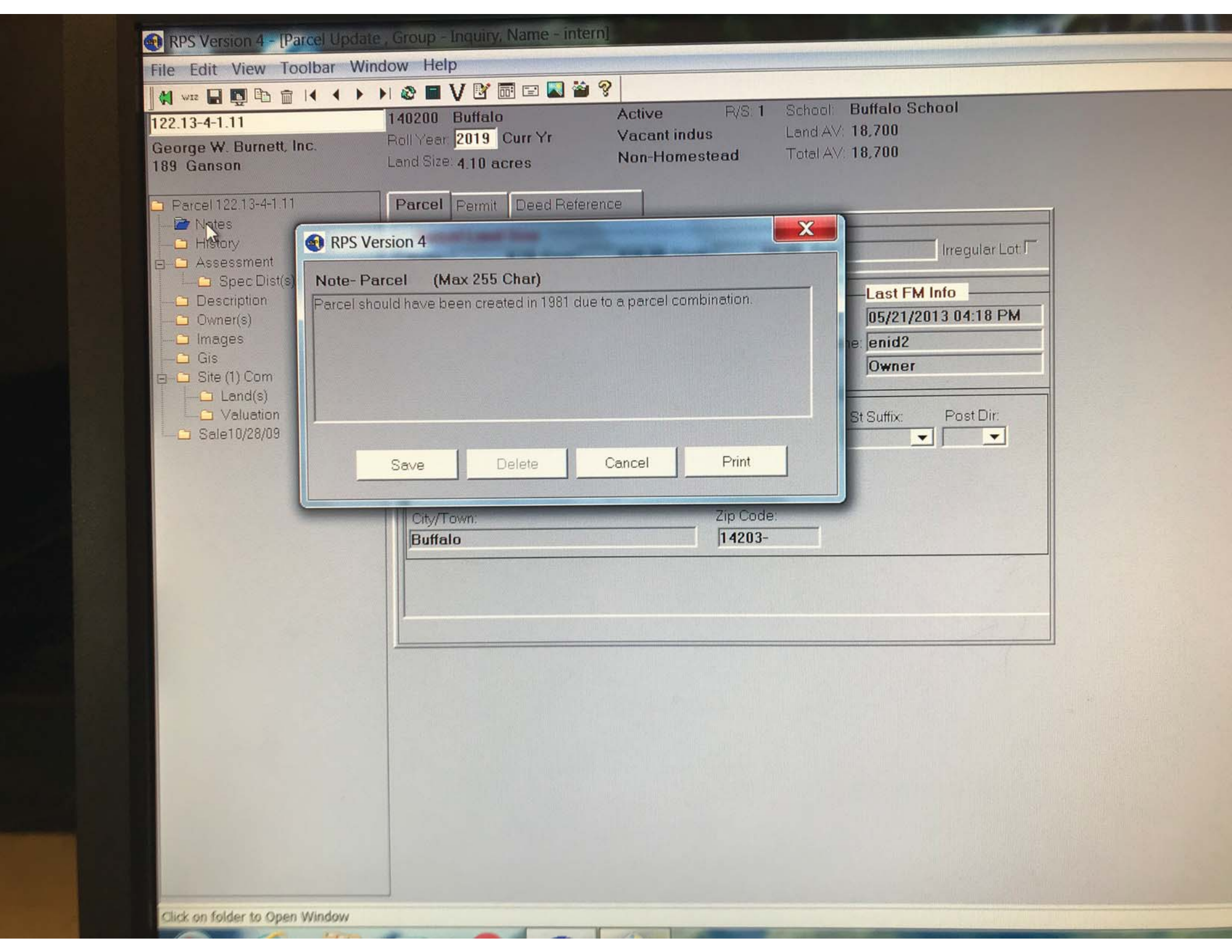
Parcel Location

Street No: 189 | Prefix Dir: | Street Name: Ganson | St Suffix: | Post Dir:

Unit Name: | Unit No: | Street Side: E

City/Town: Buffalo | Zip Code: 14203-

Click on folder to Open Window


RPS Version 4 - [Parcel Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.13-4-1.11
140200 Buffalo
Active
P/S: 1
School: Buffalo School
George W. Burnett, Inc.
189 Ganson
Roll Year: 2019 Curr Yr
Land Size: 4.10 acres
Vacant indus
Non-Homestead
Land AV: 18,700
Total AV: 18,700
Parcel 122.13-4-1.11
Notes
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Valuation
Sale10/28/09
Parcel
Permit
Deed Reference
Irregular Lot:
Last FM Info
05/21/2013 04:18 PM
enid2
Owner
St Suffix:
Post Dir:
RPS Version 4
Note- Parcel (Max 255 Char)
Parcel should have been created in 1981 due to a parcel combination.
Save
Delete
Cancel
Print
City/Town:
Buffalo
Zip Code:
14203-
Click on folder to Open Window

RPS Version 4 - [Assessment Update , Group - Inquiry, Name - intern]

File Edit View Toolbar Window Help

122.13-4-1.11 | 140200 Buffalo | Active | R/S: 1 | School: Buffalo School

George W. Burnett, Inc. | Roll Year: 2019 Curr Yr | Vacant indus | Land AV: 18,700

189 Ganson | Land Size: 4.10 acres | Non-Homestead | Total AV: 18,700

- Parcel 122.13-4-1.11
  - Notes
  - History
  - Assessment
    - Spec Dist(s)
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Com
    - Land(s)
    - Valuation
  - Sale10/28/09

Assessment | Reassessment Values | Market Value Survey

Land Assessed Value:	18,700
Total Assessed Value:	18,700
Residential Percent:	
Uniform Percent:	68.00
Full Market Value:	27,500
Partial Construction Flag:	

Taxable Values

County Taxable:	18,700
Muni Taxable:	18,700
School Taxable:	18,700
Muni After STAR	18,700
Schl After STAR:	18,700

Relevies

School Relevy: .00

AR Information

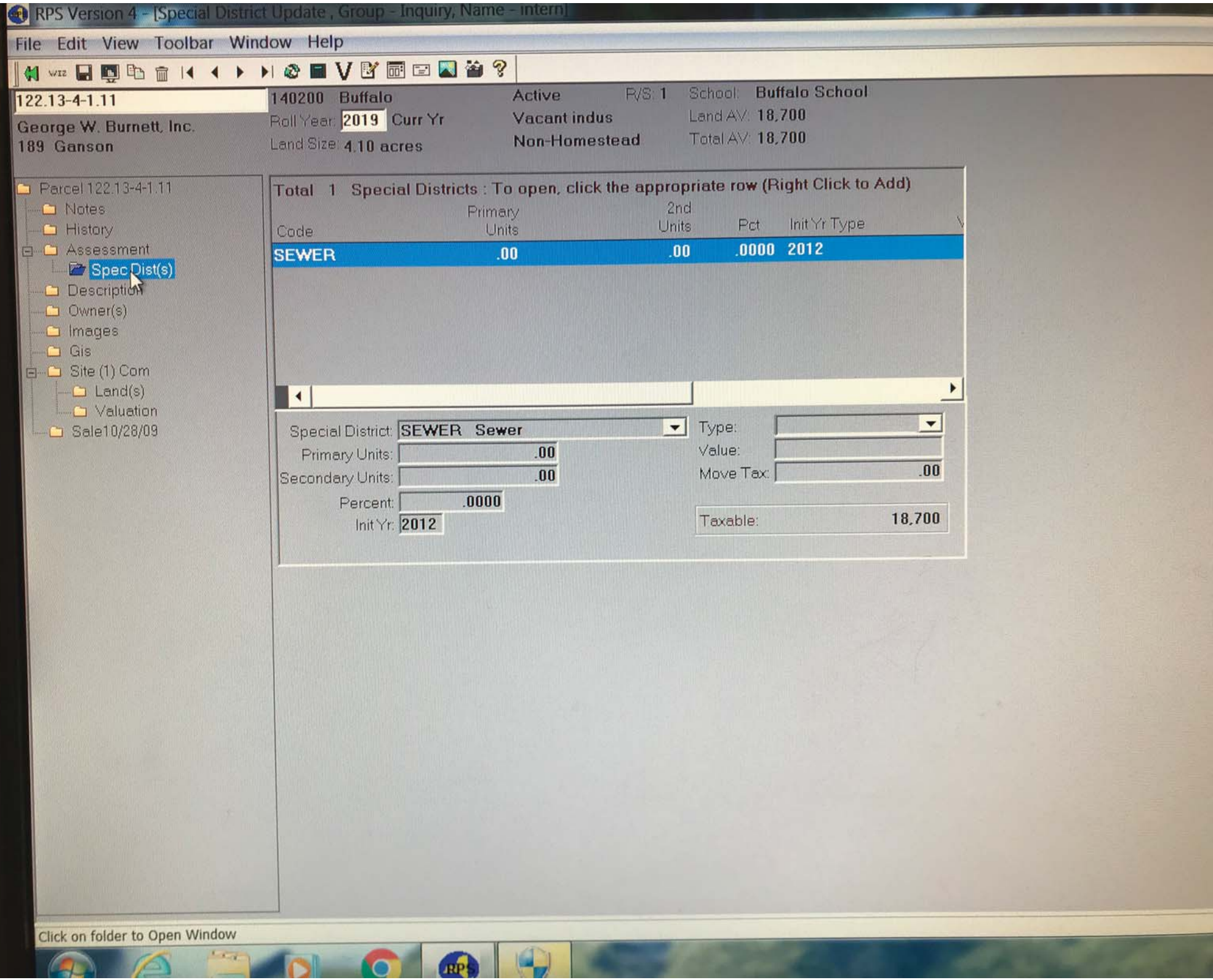
Equal Inc: | Phys. Inc: | Hold AR Amt:

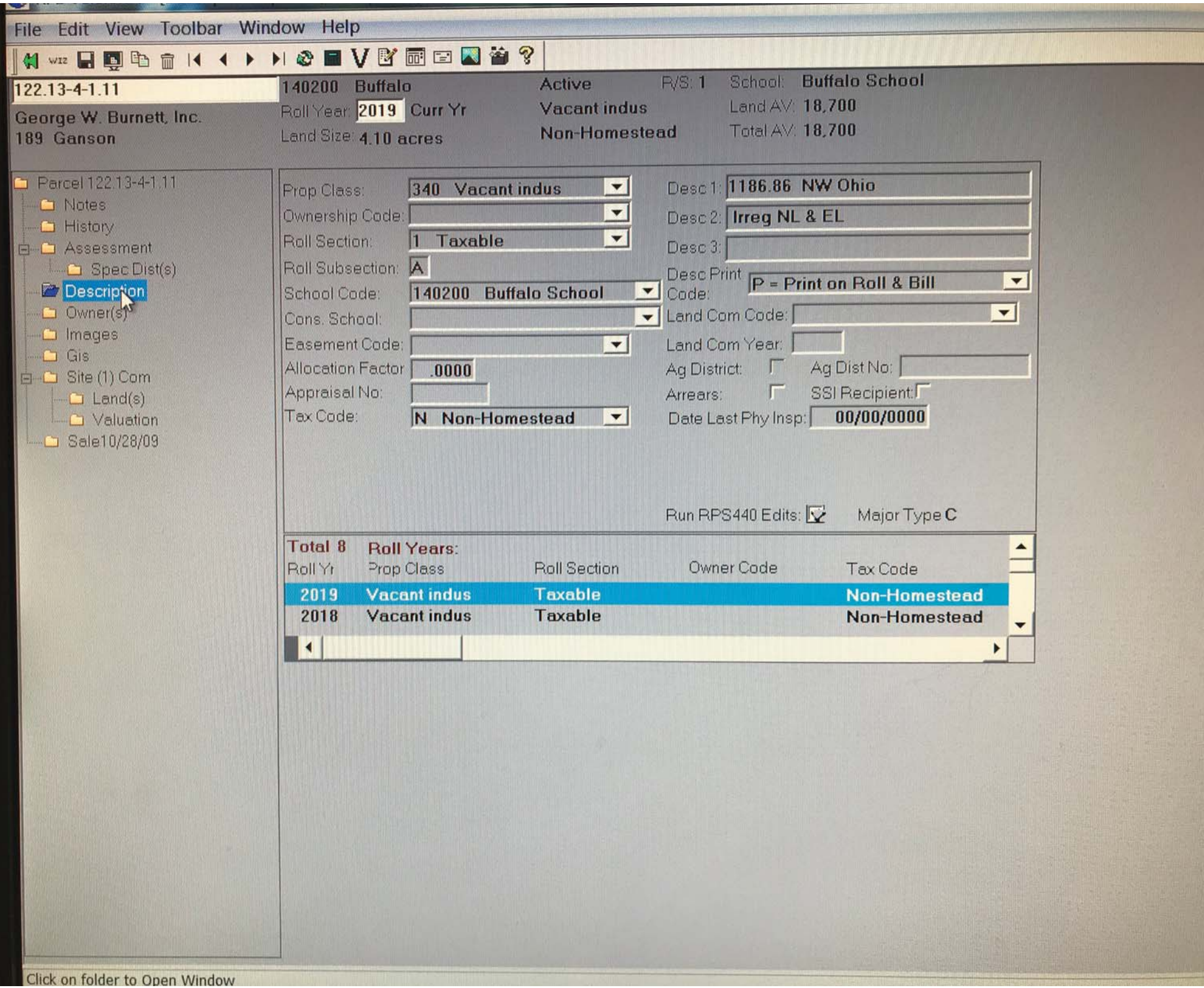
Equal Dec: | Phys. Dec: | Split Merge No:

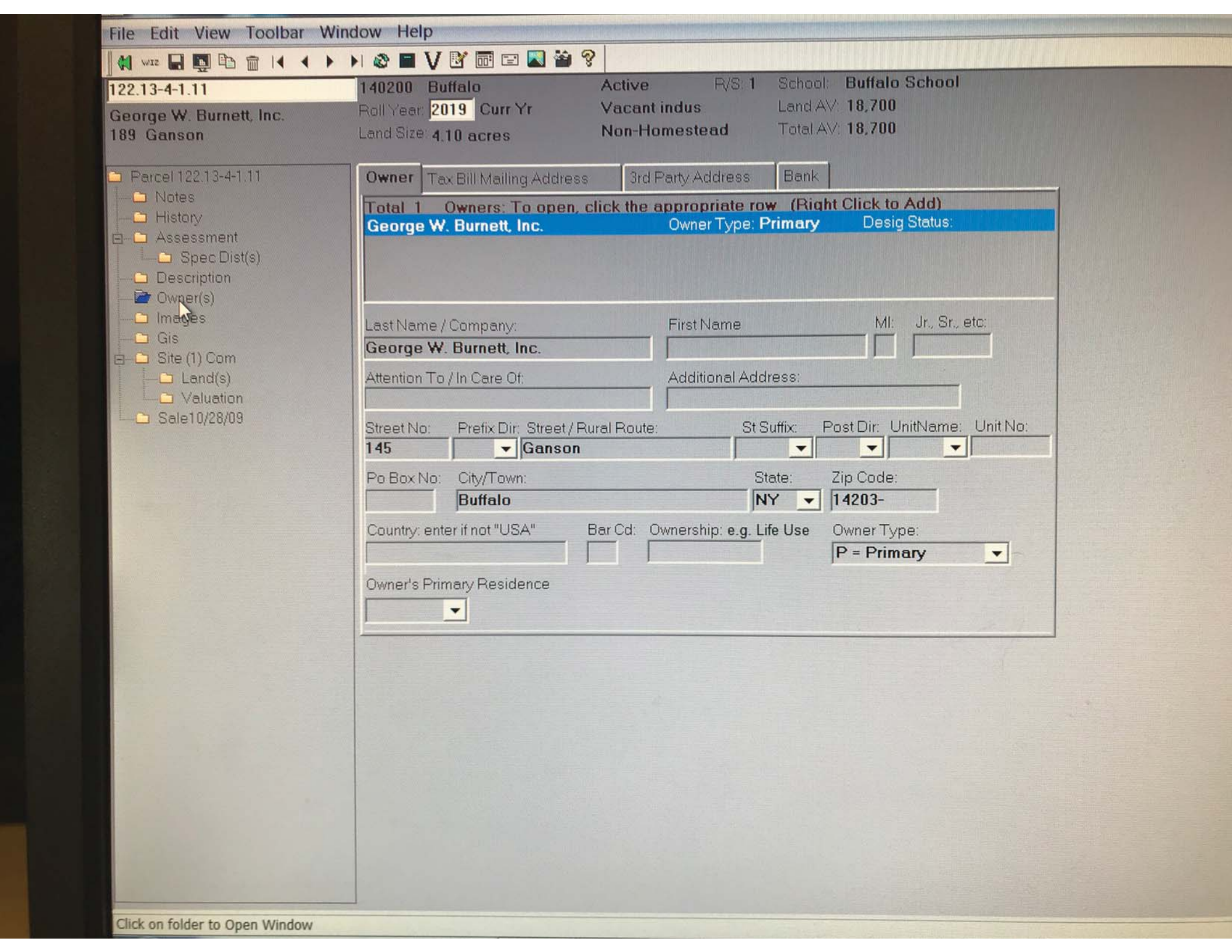
Total 8 Roll Years:

Roll YR	Land AV	Total AV	$ Diff from PY	% Chg from PY
2019	18,700	18,700	0	0
2018	18,700	18,700	0	0
2017	18,700	18,700	0	0
2016	18,700	18,700	0	0
2015	18,700	18,700	0	0
2014	18,700	18,700	0	0

Click on folder to Open Window


RPS Version 4 - [Special District Update , Group - Inquiry, Name - Intern]
File Edit View Toolbar Window Help
122.13-4-1.11
George W. Burnett, Inc.
189 Ganson
140200 Buffalo
Roll Year: 2019 Curr Yr
Land Size: 4.10 acres
Active
Vacant indus
Non-Homestead
R/S: 1
School: Buffalo School
Land AV: 18,700
Total AV: 18,700
Parcel 122.13-4-1.11
Notes
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Valuation
Sale10/28/09
Total 1 Special Districts : To open, click the appropriate row (Right Click to Add)
Code
Primary Units
2nd Units
Pct
Init Yr Type
SEWER .00 .00 .0000 2012
Special District: SEWER Sewer
Primary Units: .00
Secondary Units: .00
Percent: .0000
Init Yr: 2012
Type:
Value:
Move Tax: .00
Taxable: 18,700
Click on folder to Open Window


File Edit View Toolbar Window Help
122.13-4-1.11
George W. Burnett, Inc.
189 Ganson
140200 Buffalo
Roll Year: 2019 Curr Yr
Land Size: 4.10 acres
Active
Vacant indus
Non-Homestead
R/S: 1
School: Buffalo School
Land AV: 18,700
Total AV: 18,700
Parcel 122.13-4-1.11
Notes
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Valuation
Sale10/28/09
Prop Class: 340 Vacant indus
Ownership Code:
Roll Section: 1 Taxable
Roll Subsection: A
School Code: 140200 Buffalo School
Cons. School:
Easement Code:
Allocation Factor .0000
Appraisal No:
Tax Code: N Non-Homestead
Desc 1: 1186.86 NW Ohio
Desc 2: Irreg NL & EL
Desc 3:
Desc Print Code: P = Print on Roll & Bill
Land Com Code:
Land Com Year:
Ag District:
Ag Dist No:
Arrears:
SSI Recipient:
Date Last Phy Insp: 00/00/0000
Run RPS440 Edits:
Major Type C
Total 8 Roll Years:
Roll Yr | Prop Class | Roll Section | Owner Code | Tax Code
2019 | Vacant indus | Taxable | | Non-Homestead
2018 | Vacant indus | Taxable | | Non-Homestead
Click on folder to Open Window


File Edit View Toolbar Window Help
122.13-4-1.11
George W. Burnett, Inc.
189 Ganson
140200 Buffalo
Roll Year: 2019 Curr Yr
Land Size: 4.10 acres
Active
Vacant indus
Non-Homestead
R/S: 1
School: Buffalo School
Land AV: 18,700
Total AV: 18,700
Parcel 122.13-4-1.11
Notes
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Valuation
Sale10/28/09
Owner
Tax Bill Mailing Address
3rd Party Address
Bank
Total 1 Owners: To open, click the appropriate row (Right Click to Add)
George W. Burnett, Inc. Owner Type: Primary Desig Status:
Last Name / Company:
George W. Burnett, Inc.
First Name
MI:
Jr., Sr., etc:
Attention To / In Care Of:
Additional Address:
Street No:
145
Prefix Dir:
Street / Rural Route:
Ganson
St Suffix:
Post Dir:
UnitName:
Unit No:
Po Box No:
City/Town:
Buffalo
State:
NY
Zip Code:
14203-
Country: enter if not "USA"
Bar Cd:
Ownership: e.g. Life Use
Owner Type:
P = Primary
Owner's Primary Residence
Click on folder to Open Window

File Edit View Toolbar Window Help

122.13-4-1.11 | 140200 Buffalo | Active | P/S: 1 | School: Buffalo School

George W. Burnett, Inc.
189 Ganson

Roll Year: 2019 Curr Yr | Vacant indus | Land AV: 18,700

Land Size: 4.10 acres | Non-Homestead | Total AV: 18,700

- Parcel 122.13-4-1.11
  - Notes
  - History
  - Assessment
    - Spec Dist(s)
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Com
    - Land(s)
    - Valuation
  - Sale10/28/09

Site No: 1 Com

Property Class:	340 Vacant indus
Used - As Cd:	Z98 Non-contrib
Route No:	000001382
Nbhd Code:	8400
Valuation Dist:	8
Sewer Type:	3 Comm/public
Water Supply:	3 Comm/public
Utilities:	4 Gas & elec
Overall Desire:	4 Good
Overall Cond:	0
Overall Grade:	
DC Entry Type:	
Zoning Code:	D-IL Emp-Light In

Run RPS440 Edits: ☑

Overall Eff Yr Blt:	
Laser Disk No:	
Data Mailer:	☐
Date of Reappraisal	05/23/2018
Economic Obs:	

Site Values

Replacement Cost (RCN):	0
RCN Less Depreciation:	0
Cost Land Estimate:	374,800
Cost Total Estimate:	0
Total Estimate:	0
Excess Value:	0
Final Site Land:	374,800
Final Site Total:	0

Click on folder to Open Window



122.13-4-1.11 | 140200 Buffalo | Active | R/S: 1 | School: Buffalo School

George W. Burnett, Inc. | Roll Year: 2019 Curr Yr | Vacant indus | Land AV: 18,700

189 Ganson | Land Size: 4.10 acres | Non-Homestead | Total AV: 18,700

- Parcel 122.13-4-1.11
  - Notes
  - History
  - Assessment
    - Spec Dist(s)
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Com
    - Land(s)
    - Valuation
  - Sale10/28/09

Total 1 Land Types: To open, click the appropriate row (Right Click to Add)

Land type	Acres	Front	Depth	SQFT	Soil Rating
Primary	4.10	0	0	178,596	

Site No: 1

Land Type:	01 Primary	Depth Factor:	
Front:	.00	Infl Pct:	
Depth:	.00	Infl Code1:	
Acres:	4.10	Infl Code2:	
Sqft:	178,596	Infl Code3:	
Soil Rating:		Land Value:	374,790
Waterfront Type:		Unit Price:	91,412.195

Click on folder to Open Window

122.13-4-1.11 | 140200 Buffalo | Active | R/S: 1 | School: Buffalo School

George W. Burnett, Inc.
189 Ganson

Roll Year: 2019 Curr Yr | Vacant indus | Land AV: 18,700

Land Size: | Non-Homestead | Total AV: 18,700

- Parcel 122.13-4-1.11
  - Notes
  - History
  - Assessment
    - Spec Dist(s)
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Com
    - Land(s)
    - Valuation
  - Sale1 10/28/09

Sale | Additional Sales Info /Attorney Info | Owner(s)

Condition Codes: E — View Cond Codes

Deed Date:	10/28/2009	Sale Type:	3 Land & Building
Deed Book:	11171	Deed Type:	Q Quit Claim
Deed Page:	9667	Sales Status:	T Transmitted
Contract Date:	00/00/0000		
Sale Date:	10/28/2009		
Date Last Phy Insp:	00/00/0000		
Full Sale Price:	1		
Personal Prop:			
Net Sale Price:	1		
Valuation Usable:	☐		
No. Parcels:	2 OR Part of a Parcel: ☐		

Corrections Data
- Verify:
- Condition Code ☐
- Sale Date ☐
- Sale Price or Personal Property ☐

Rar Excluded: Not Residential
Cod Excluded: Yes
Arms Length: No

Current Owner(s):	Sale Date:
George W. Burnett, Inc.	10/28/2009

Prior Owners:

Last Name:	First Name:	MI:	Jr,Sr,ect
Bauer	John	A	

122.09-2-4 | 140200 Buffalo | Active | P/S: 1 | School: Buffalo School

George W. Burnett, Inc.
191 Ganson

Roll Year: 2019 Curr Yr | Other Storage | Land AV: 14,700

Land Size: 174.70 x 0 | Non-Homestead | Total AV: 140,000

- Parcel 122.09-2-4
  - History
  - Assessment
    - Spec Dist(s)
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Com
    - Land(s)
    - Imprvmt(s)
    - Bldg 1 Sec 1
    - Bldg 2 Sec 1
    - Com Use
    - Valuation
  - Sale10/28/09
    - -Site (1) Com
      - Land(s)
      - Imprvmt(s)
      - Bldg 1 Sec 1
      - Bldg 2 Sec 1
      - Com Use
      - Valuation
  - Sale03/17/06
    - -Site (1) Com
      - Land(s)
      - Imprvmt(s)
      - Bldg 1 Sec 1
      - Bldg 2 Sec 1
      - Com Use
      - Valuation
  - Sale01/27/95

Parcel | Permit | Deed Reference

Parcel Land Size

Acres: .00 Front: 174.70 Depth: .00 Sqft: Irregular Lot: ☑

Grid Coordinates

East: 1071181
North: 1044235

Active Code: Active
Account No: 00295700

Last FM Info

Modified: 05/21/2013 04:17 PM
User Name: enid2
Folder: Owner

Parcel Location

Street No: 191 | Prefix Dir: | Street Name: Ganson | St Suffix: | Post Dir:

Unit Name: | Unit No: | Street Side: S

City/Town: Buffalo | Zip Code: 14203-

File Edit View Toolbar Window Help

122.09-2-4 | 140200 Buffalo | Active | R/S: 1 | School: Buffalo School

George W. Burnett, Inc.
191 Ganson

Roll Year: 2019 Curr Yr | Other Storage | Land AV: 14,700

Land Size: 174.70 x 0 | Non-Homestead | Total AV: 140,000

- Parcel 122.09-2-4
  - History
  - Assessment
    - Spec Dist(s)
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Com
    - Land(s)
    - Imprvmt(s)
    - Bldg 1 Sec 1
    - Bldg 2 Sec 1
    - Com Use
    - Valuation
  - Sale10/28/09
    - -Site (1) Com
      - Land(s)
      - Imprvmt(s)
      - Bldg 1 Sec 1
      - Bldg 2 Sec 1
      - Com Use
      - Valuation
  - Sale03/17/06
    - -Site (1) Com
      - Land(s)
      - Imprvmt(s)
      - Bldg 1 Sec 1
      - Bldg 2 Sec 1
      - Com Use
      - Valuation
  - Sale01/27/95

Assessment | Reassessment Values | Market Value Survey

Land Assessed Value:	14,700
Total Assessed Value:	140,000
Residential Percent:	
Uniform Percent:	68.00
Full Market Value:	205,900
Partial Construction Flag:	

Taxable Values

County Taxable:	140,000
Muni Taxable:	140,000
School Taxable:	140,000
Muni After STAR	140,000
Schl After STAR:	140,000

Relevies

School Relevy: .00

AR Information

Equal Inc: | Phys. Inc: | Hold AR Amt:

Equal Dec: | Phys. Dec: | Split Merge No:

Total 8 Roll Years:

Roll YR	Land AV	Total AV	$ Diff from PY	% Chg from PY
2019	14,700	140,000	0	0
2018	14,700	140,000	0	0
2017	14,700	140,000	0	0
2016	14,700	140,000	0	0
2015	14,700	140,000	0	0
2014	14,700	140,000	0	0

Click on folder to Open Window

File Edit View Toolbar Window Help

122.09-2-4 | 140200 Buffalo | Active | R/S: 1 | School: Buffalo School

George W. Burnett, Inc. | Roll Year: 2019 Curr Yr | Other Storage | Land AV: 14,700

191 Ganson | Land Size: 174.70 x 0 | Non-Homestead | Total AV: 140,000

- Parcel 122.09-2-4
  - History
  - Assessment
    - Spec Dist(s)
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Com
    - Land(s)
    - Imprvmt(s)
    - Bldg 1 Sec 1
    - Bldg 2 Sec 1
    - Com Use
    - Valuation
  - Sale10/28/09
    - -Site (1) Com
      - Land(s)
      - Imprvmt(s)
      - Bldg 1 Sec 1
      - Bldg 2 Sec 1
      - Com Use
      - Valuation
  - Sale03/17/06
    - -Site (1) Com
      - Land(s)
      - Imprvmt(s)
      - Bldg 1 Sec 1
      - Bldg 2 Sec 1
      - Com Use
      - Valuation
  - Sale01/27/95

Total 1 Special Districts : To open, click the appropriate row (Right Click to Add)

Code	Primary Units	2nd Units	Pct	Init Yr	Type
SEWER	.00	.00	.0000	2012	

Special District: SEWER Sewer

Primary Units: .00

Secondary Units: .00

Percent: .0000

Init Yr: 2012

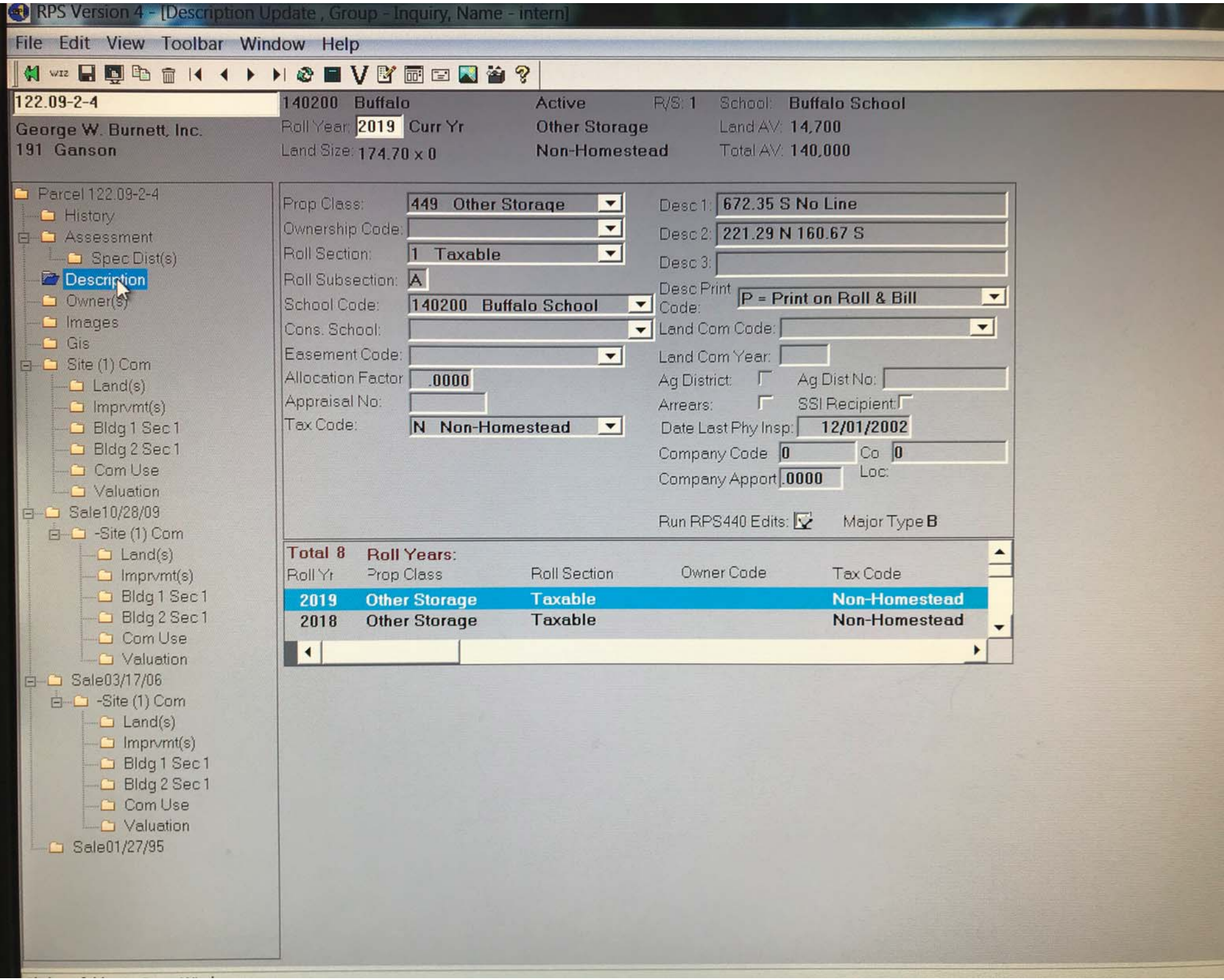
Type:

Value:

Move Tax: .00

Taxable: 140,000

Click on folder to Open Window


RPS Version 4 - [Description Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.09-2-4
140200 Buffalo
Active
R/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year: 2019 Curr Yr
Other Storage
Land AV: 14,700
191 Ganson
Land Size: 174.70 x 0
Non-Homestead
Total AV: 140,000
Parcel 122.09-2-4
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale03/17/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale01/27/95
Prop Class: 449 Other Storage
Ownership Code:
Roll Section: 1 Taxable
Roll Subsection: A
School Code: 140200 Buffalo School
Cons. School:
Easement Code:
Allocation Factor .0000
Appraisal No:
Tax Code: N Non-Homestead
Desc 1: 672.35 S No Line
Desc 2: 221.29 N 160.67 S
Desc 3:
Desc Print Code: P = Print on Roll & Bill
Land Com Code:
Land Com Year:
Ag District:
Ag Dist No:
Arrears:
SSI Recipient:
Date Last Phy Insp: 12/01/2002
Company Code 0
Co 0
Company Apport .0000
Loc:
Run RPS440 Edits:
Major Type B
Total 8 Roll Years:
Roll Yr
Prop Class
Roll Section
Owner Code
Tax Code
2019 Other Storage Taxable Non-Homestead
2018 Other Storage Taxable Non-Homestead

File Edit View Toolbar Window Help

122.09-2-4 | 140200 Buffalo | Active | R/S: 1 | School: Buffalo School

George W. Burnett, Inc. | Roll Year: 2019 Curr Yr | Other Storage | Land AV: 14,700

191 Ganson | Land Size: 174.70 x 0 | Non-Homestead | Total AV: 140,000

- Parcel 122.09-2-4
  - History
  - Assessment
    - Spec Dist(s)
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Com
    - Land(s)
    - Imprvmt(s)
    - Bldg 1 Sec 1
    - Bldg 2 Sec 1
    - Com Use
    - Valuation
  - Sale10/28/09
    - -Site (1) Com
      - Land(s)
      - Imprvmt(s)
      - Bldg 1 Sec 1
      - Bldg 2 Sec 1
      - Com Use
      - Valuation
  - Sale03/17/06
    - -Site (1) Com
      - Land(s)
      - Imprvmt(s)
      - Bldg 1 Sec 1
      - Bldg 2 Sec 1
      - Com Use
      - Valuation
  - Sale01/27/95

Owner | Tax Bill Mailing Address | 3rd Party Address | Bank

Total 1 Owners: To open, click the appropriate row (Right Click to Add)

George W. Burnett, Inc. Owner Type: Primary Desig Status:

Last Name / Company: George W. Burnett, Inc.

First Name

MI:

Jr., Sr., etc:

Attention To / In Care Of:

Additional Address:

Street No: 145

Prefix Dir:

Street / Rural Route: Ganson

St Suffix:

Post Dir:

UnitName:

Unit No:

Po Box No:

City/Town: Buffalo

State: NY

Zip Code: 14203-

Country: enter if not "USA"

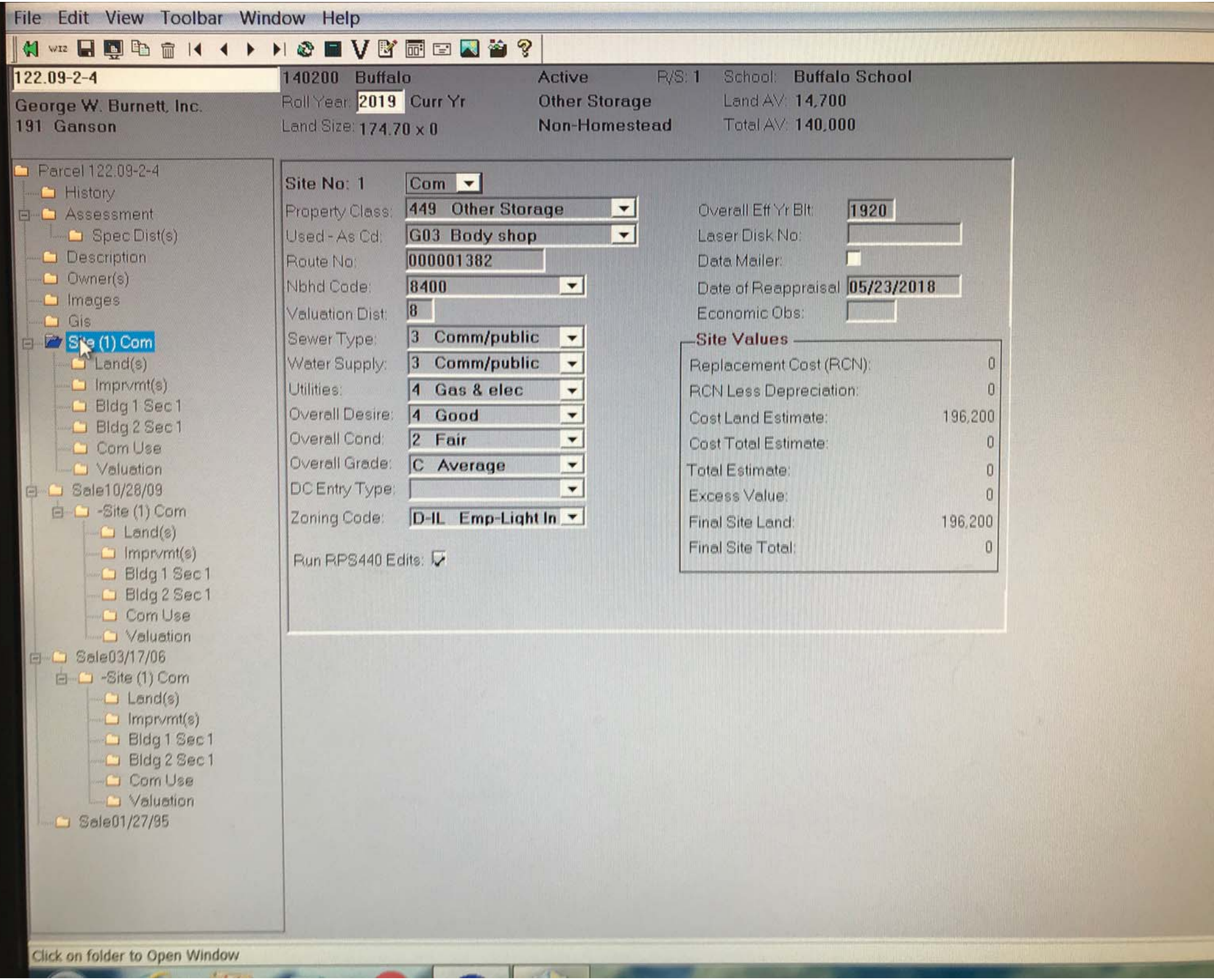
Bar Cd:

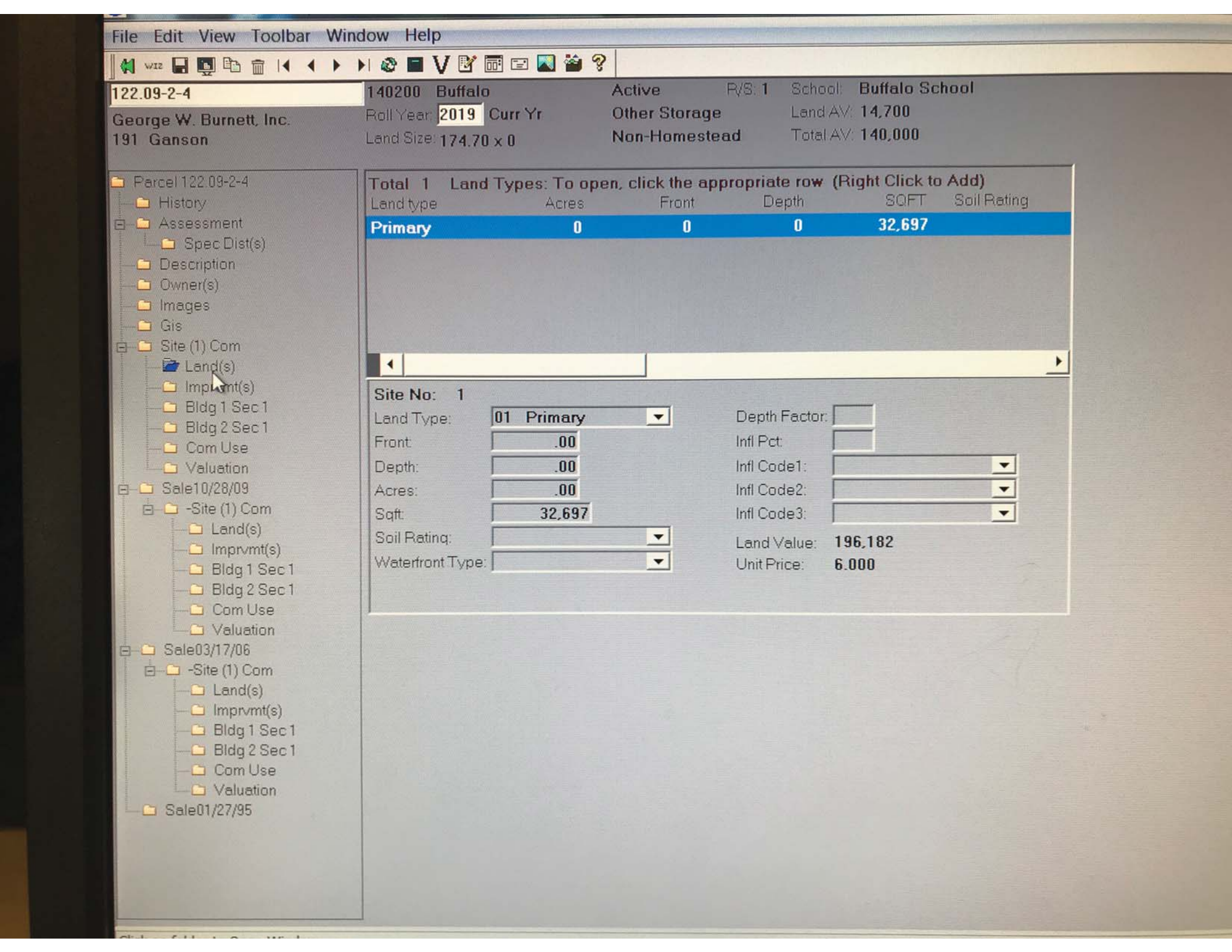
Ownership: e.g. Life Use

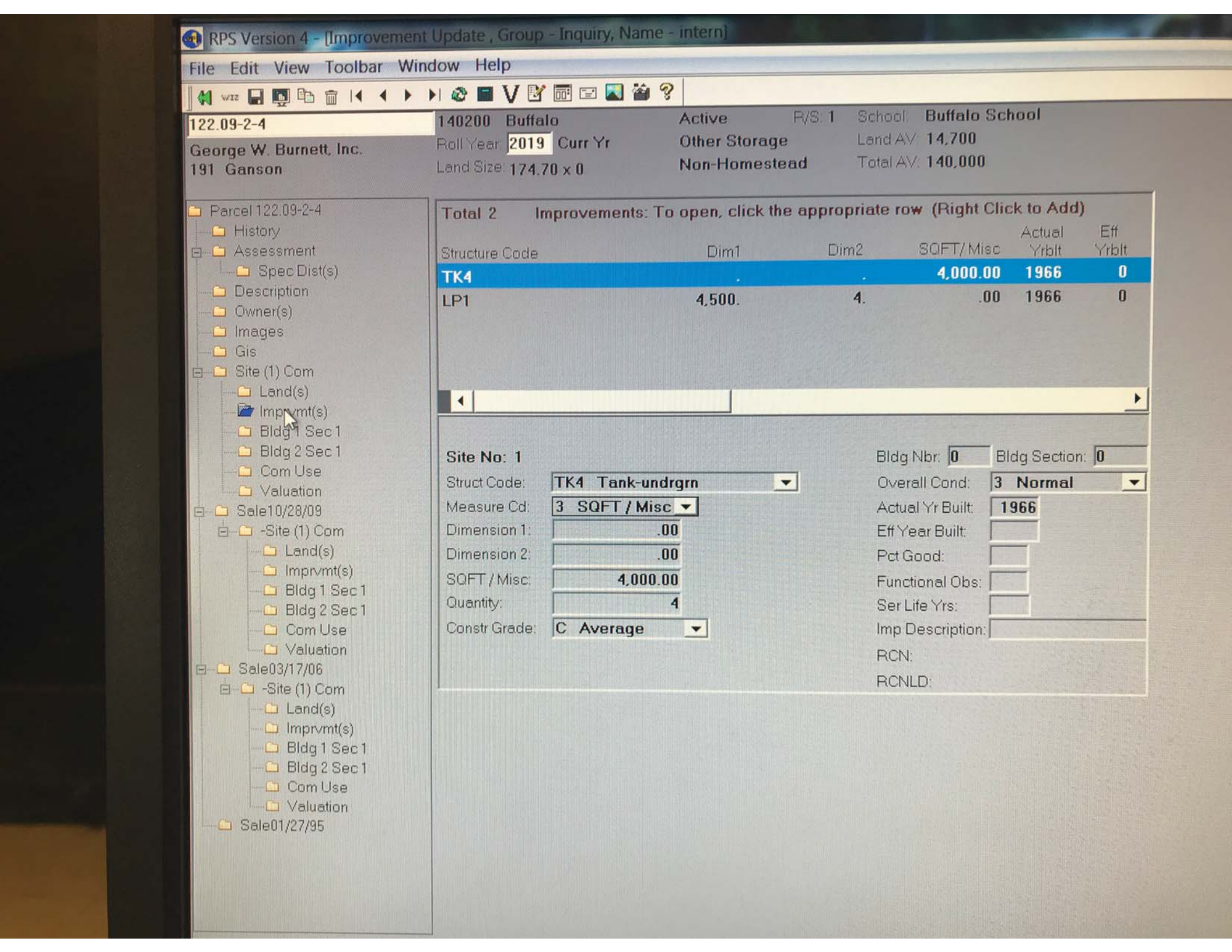
Owner Type: P = Primary

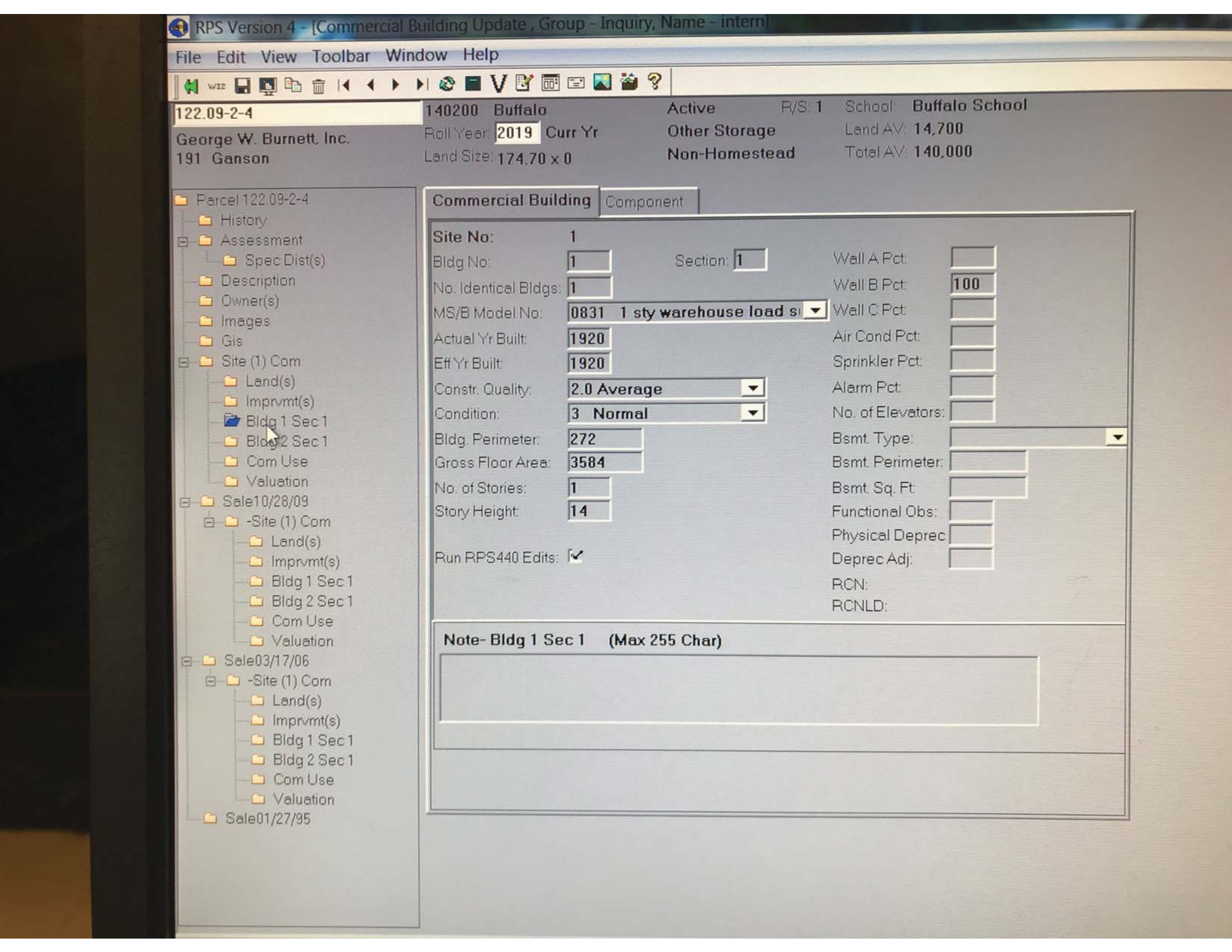
Owner's Primary Residence

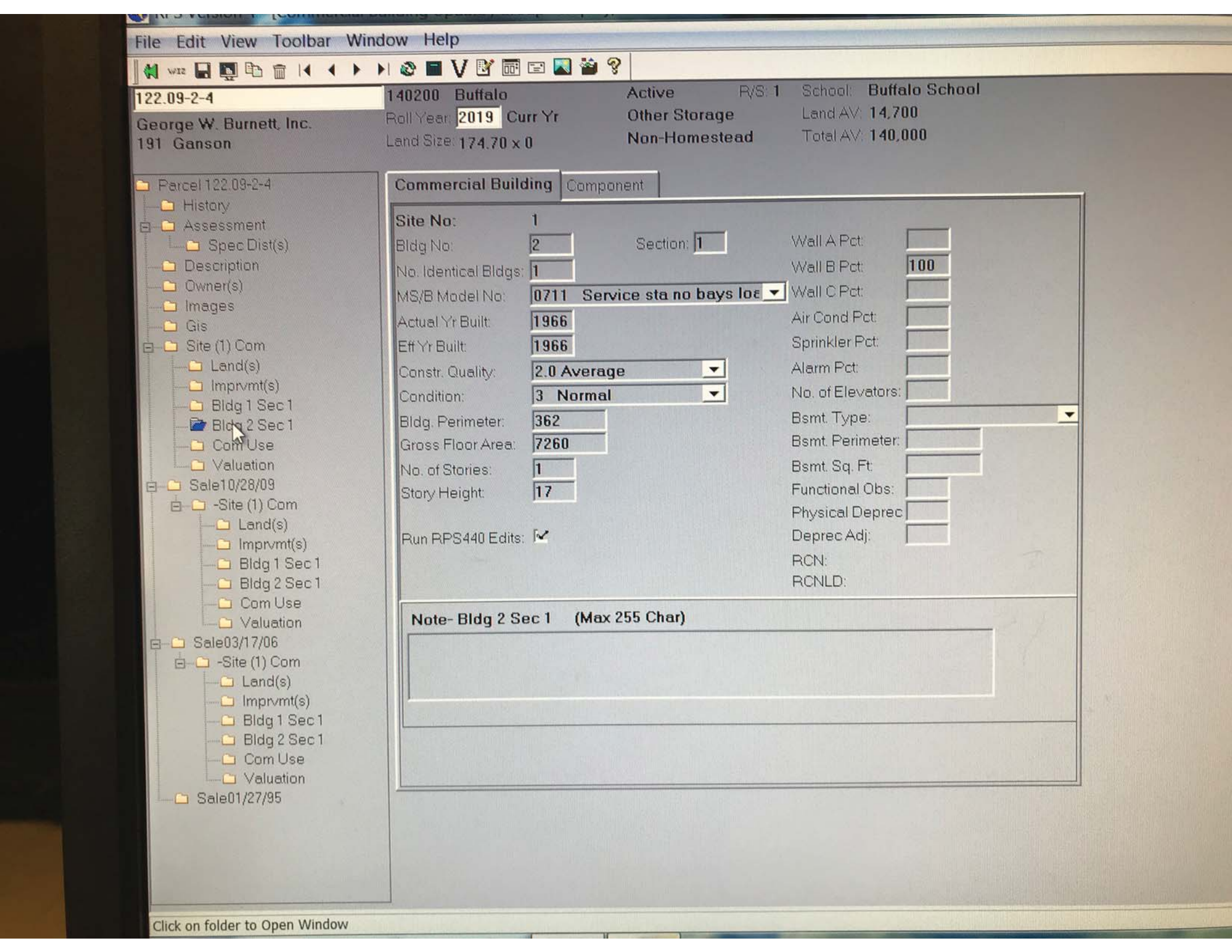
Click on folder to Open Window

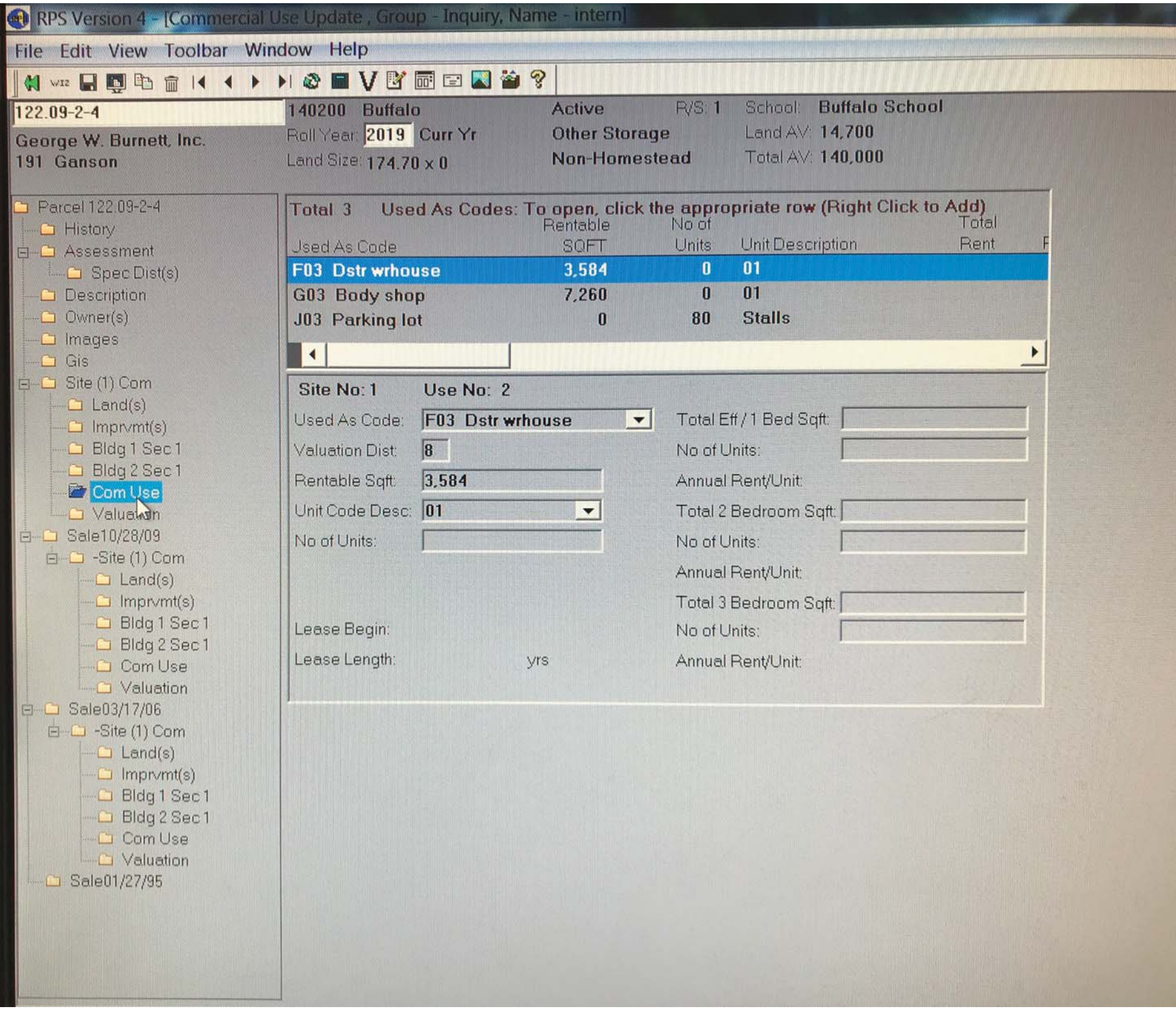

File Edit View Toolbar Window Help
122.09-2-4
140200 Buffalo
Active
R/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year: 2019 Curr Yr
Other Storage
Land AV: 14,700
191 Ganson
Land Size: 174.70 x 0
Non-Homestead
Total AV: 140,000
Parcel 122.09-2-4
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale03/17/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale01/27/95
Site No: 1
Com
Property Class: 449 Other Storage
Used - As Cd: G03 Body shop
Route No: 000001382
Nbhd Code: 8400
Valuation Dist: 8
Sewer Type: 3 Comm/public
Water Supply: 3 Comm/public
Utilities: 4 Gas & elec
Overall Desire: 4 Good
Overall Cond: 2 Fair
Overall Grade: C Average
DC Entry Type:
Zoning Code: D-IL Emp-Light In
Run RPS440 Edits:
Overall Eff Yr Blt: 1920
Laser Disk No:
Data Mailer:
Date of Reappraisal 05/23/2018
Economic Obs:
Site Values
Replacement Cost (RCN): 0
RCN Less Depreciation: 0
Cost Land Estimate: 196,200
Cost Total Estimate: 0
Total Estimate: 0
Excess Value: 0
Final Site Land: 196,200
Final Site Total: 0
Click on folder to Open Window

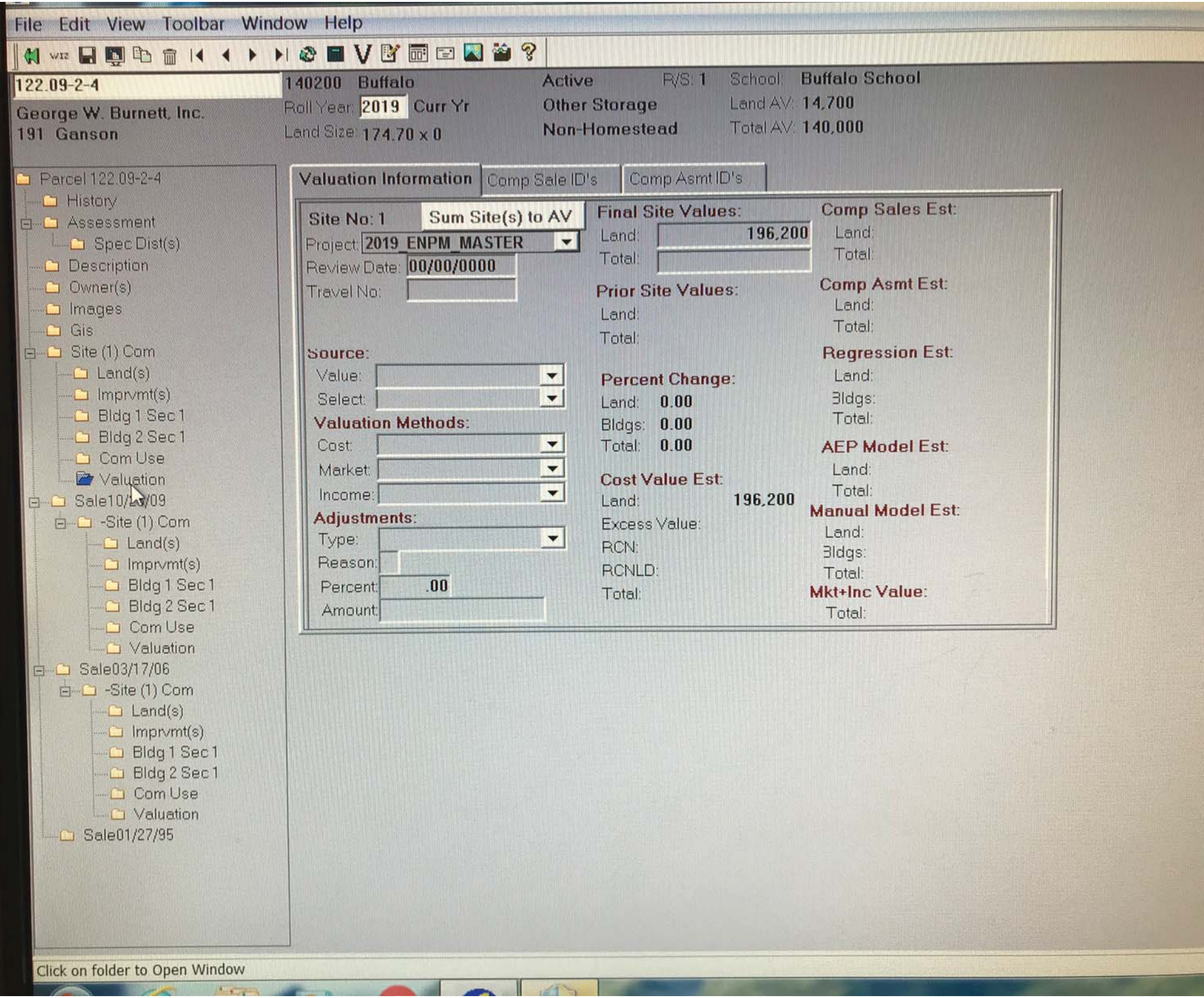

File Edit View Toolbar Window Help
122.09-2-4
140200 Buffalo
Active
P/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year: 2019 Curr Yr
Other Storage
Land AV: 14,700
191 Ganson
Land Size: 174.70 x 0
Non-Homestead
Total AV: 140,000
Parcel 122.09-2-4
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale03/17/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale01/27/95
Total 1 Land Types: To open, click the appropriate row (Right Click to Add)
Land type
Acres
Front
Depth
SQFT
Soil Rating
Primary
0
0
0
32,697
Site No: 1
Land Type: 01 Primary
Front: .00
Depth: .00
Acres: .00
Sqft: 32,697
Soil Rating:
Waterfront Type:
Depth Factor:
Infl Pct:
Infl Code1:
Infl Code2:
Infl Code3:
Land Value: 196,182
Unit Price: 6.000

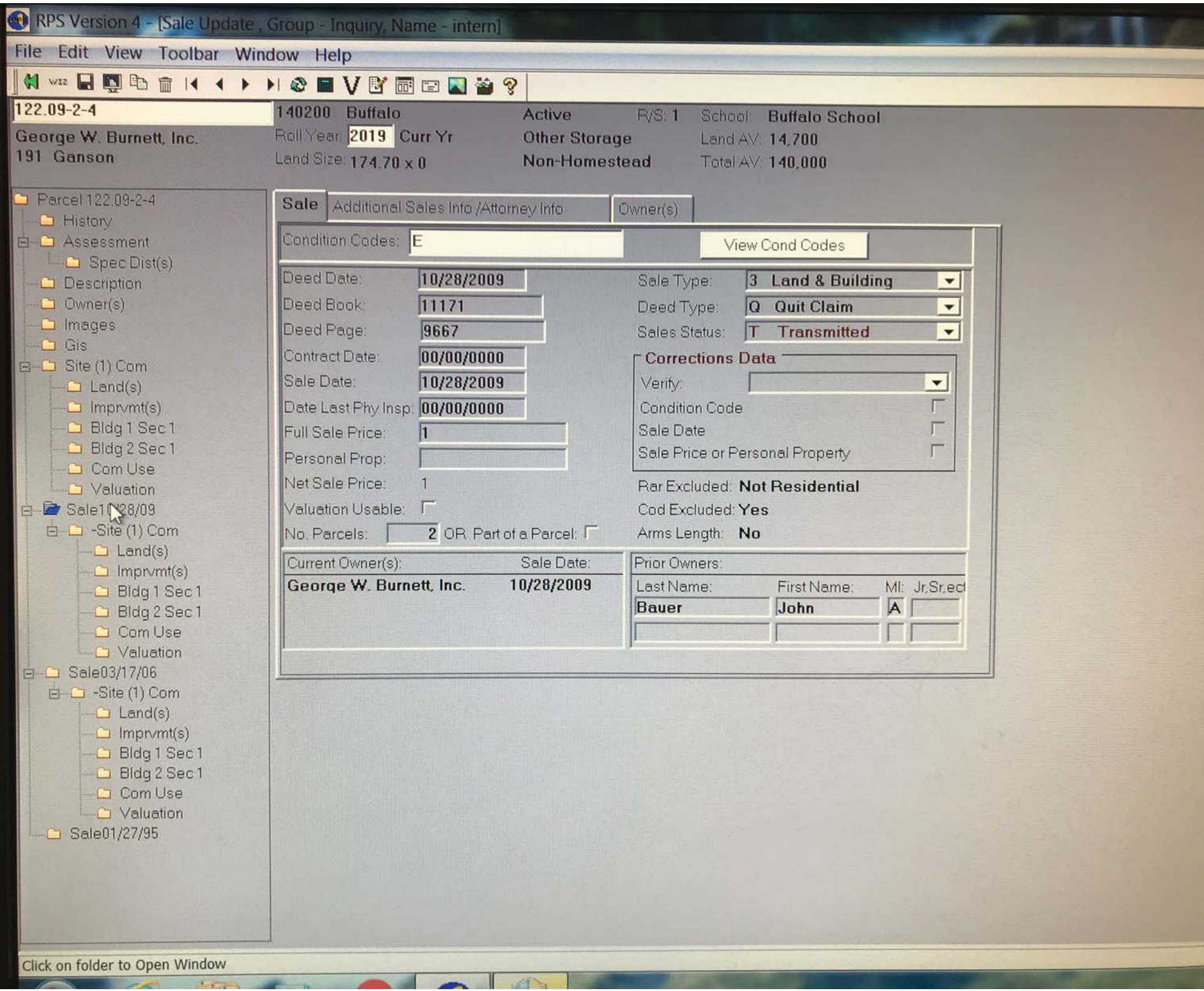

RPS Version 4 - [Improvement Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.09-2-4
140200 Buffalo
Active
R/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year: 2019 Curr Yr
Other Storage
Land AV: 14,700
191 Ganson
Land Size: 174.70 x 0
Non-Homestead
Total AV: 140,000
Parcel 122.09-2-4
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale03/17/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale01/27/95
Total 2 Improvements: To open, click the appropriate row (Right Click to Add)
Structure Code
Dim1
Dim2
SQFT/Misc
Actual Yrblt
Eff Yrblt
TK4 4,000.00 1966 0
LP1 4,500. 4. .00 1966 0
Site No: 1
Struct Code: TK4 Tank-undrgrn
Measure Cd: 3 SQFT / Misc
Dimension 1: .00
Dimension 2: .00
SQFT / Misc: 4,000.00
Quantity: 4
Constr Grade: C Average
Bldg Nbr: 0
Bldg Section: 0
Overall Cond: 3 Normal
Actual Yr Built: 1966
Eff Year Built:
Pct Good:
Functional Obs:
Ser Life Yrs:
Imp Description:
RCN:
RCNLD:

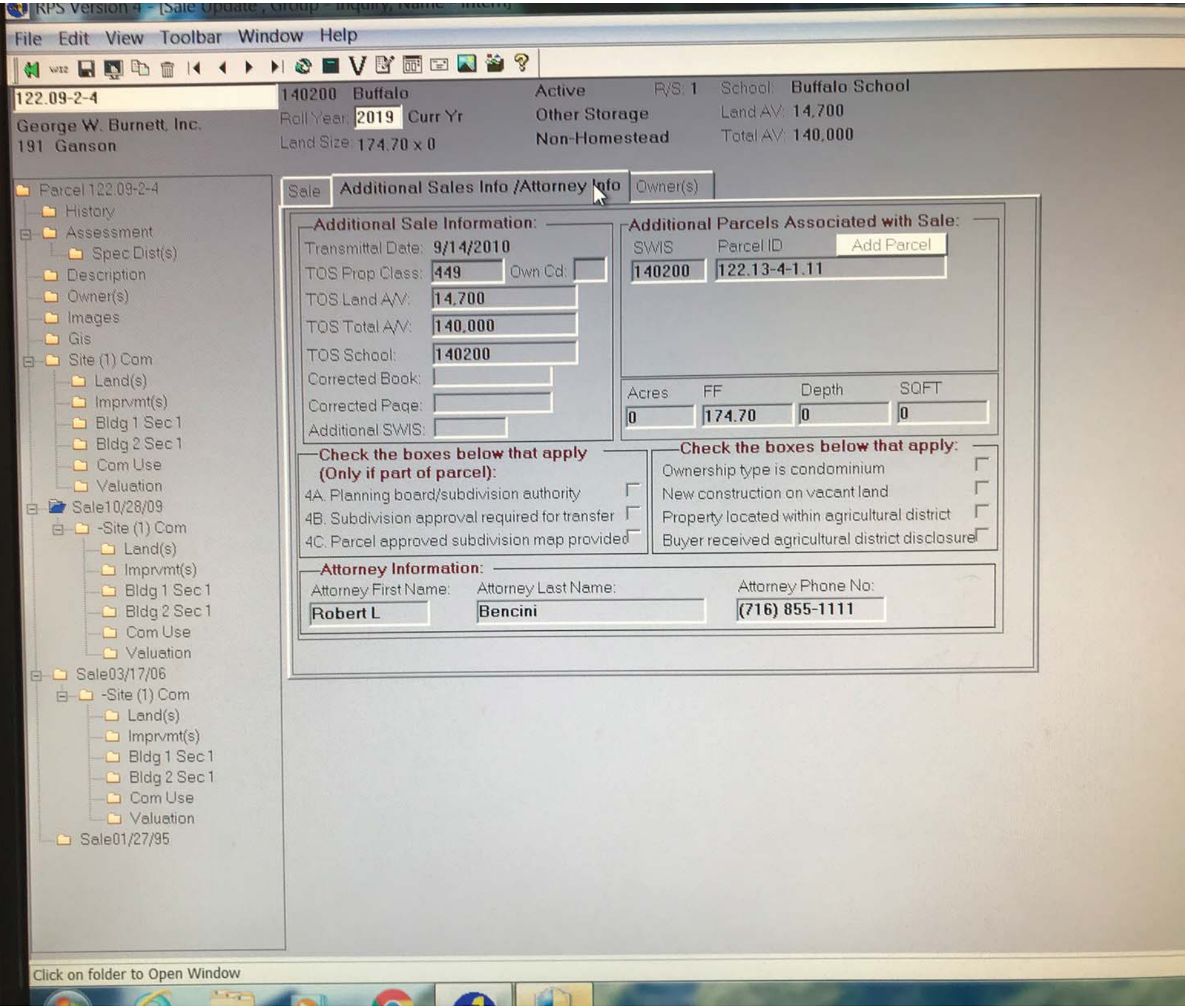

RPS Version 4 - [Commercial Building Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.09-2-4
140200 Buffalo
Active
R/S: 1
School: Buffalo School
George W. Burnett, Inc.
191 Ganson
Roll Year: 2019 Curr Yr
Land Size: 174.70 x 0
Other Storage
Non-Homestead
Land AV: 14,700
Total AV: 140,000
Parcel 122.09-2-4
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale03/17/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale01/27/95
Commercial Building
Component
Site No: 1
Bldg No: 1
Section: 1
No. Identical Bldgs: 1
MS/B Model No: 0831 1 sty warehouse load s
Actual Yr Built: 1920
Eff Yr Built: 1920
Constr. Quality: 2.0 Average
Condition: 3 Normal
Bldg. Perimeter: 272
Gross Floor Area: 3584
No. of Stories: 1
Story Height: 14
Run RPS440 Edits:
Wall A Pct:
Wall B Pct: 100
Wall C Pct:
Air Cond Pct:
Sprinkler Pct:
Alarm Pct:
No. of Elevators:
Bsmt. Type:
Bsmt. Perimeter:
Bsmt. Sq. Ft:
Functional Obs:
Physical Deprec
Deprec Adj:
RCN:
RCNLD:
Note- Bldg 1 Sec 1 (Max 255 Char)

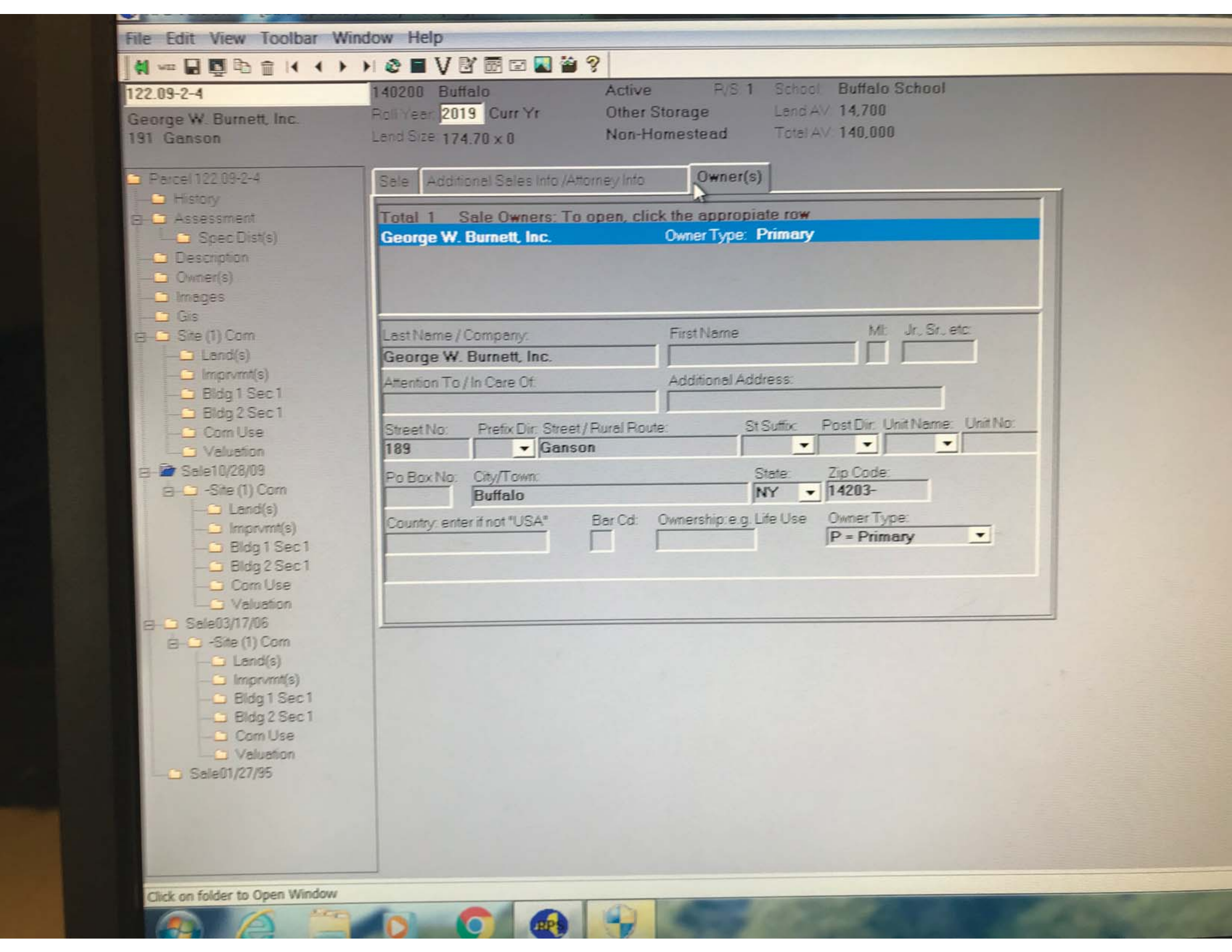

File Edit View Toolbar Window Help
122.09-2-4
140200 Buffalo
Active
R/S: 1
School: Buffalo School
George W. Burnett, Inc.
191 Ganson
Roll Year: 2019 Curr Yr
Land Size: 174.70 x 0
Other Storage
Non-Homestead
Land AV: 14,700
Total AV: 140,000
Parcel 122.09-2-4
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale03/17/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale01/27/95
Commercial Building
Component
Site No: 1
Bldg No: 2
Section: 1
No. Identical Bldgs: 1
MS/B Model No: 0711 Service sta no bays loe
Actual Yr Built: 1966
Eff Yr Built: 1966
Constr. Quality: 2.0 Average
Condition: 3 Normal
Bldg. Perimeter: 362
Gross Floor Area: 7260
No. of Stories: 1
Story Height: 17
Run RPS440 Edits:
Wall A Pct:
Wall B Pct: 100
Wall C Pct:
Air Cond Pct:
Sprinkler Pct:
Alarm Pct:
No. of Elevators:
Bsmt. Type:
Bsmt. Perimeter:
Bsmt. Sq. Ft:
Functional Obs:
Physical Deprec
Deprec Adj:
RCN:
RCNLD:
Note- Bldg 2 Sec 1 (Max 255 Char)
Click on folder to Open Window

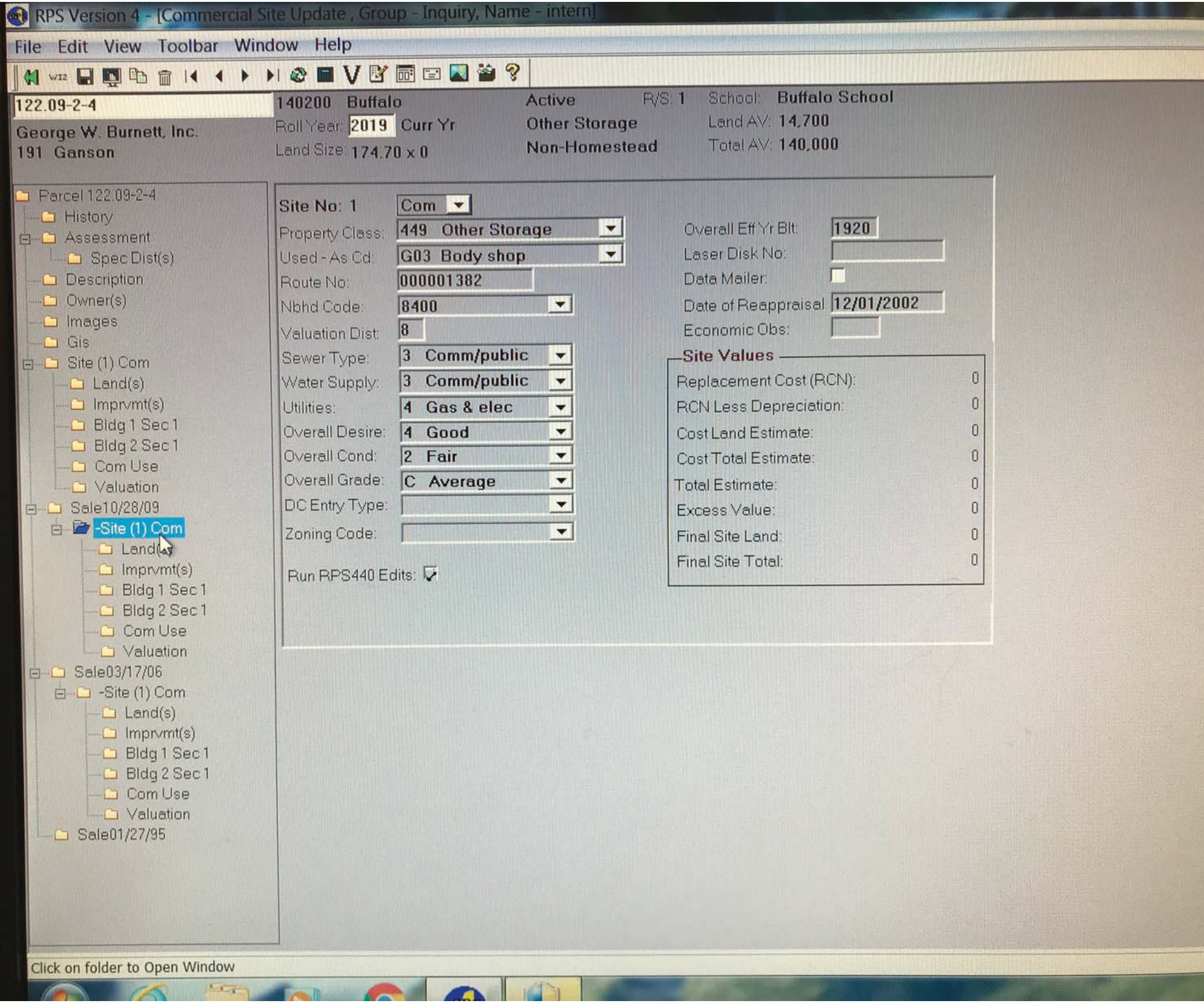

RPS Version 4 - [Commercial Use Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.09-2-4
140200 Buffalo
Active
R/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year: 2019 Curr Yr
Other Storage
Land AV: 14,700
191 Ganson
Land Size: 174.70 x 0
Non-Homestead
Total AV: 140,000
Parcel 122.09-2-4
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale03/17/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale01/27/95
Total 3 Used As Codes: To open, click the appropriate row (Right Click to Add)
Jsed As Code
Rentable SQFT
No of Units
Unit Description
Total Rent
F03 Dstr wrhouse 3,584 0 01
G03 Body shop 7,260 0 01
J03 Parking lot 0 80 Stalls
Site No: 1 Use No: 2
Used As Code: F03 Dstr wrhouse
Valuation Dist: 8
Rentable Sqft: 3,584
Unit Code Desc: 01
No of Units:
Lease Begin:
Lease Length: yrs
Total Eff / 1 Bed Sqft:
No of Units:
Annual Rent/Unit:
Total 2 Bedroom Sqft:
No of Units:
Annual Rent/Unit:
Total 3 Bedroom Sqft:
No of Units:
Annual Rent/Unit:

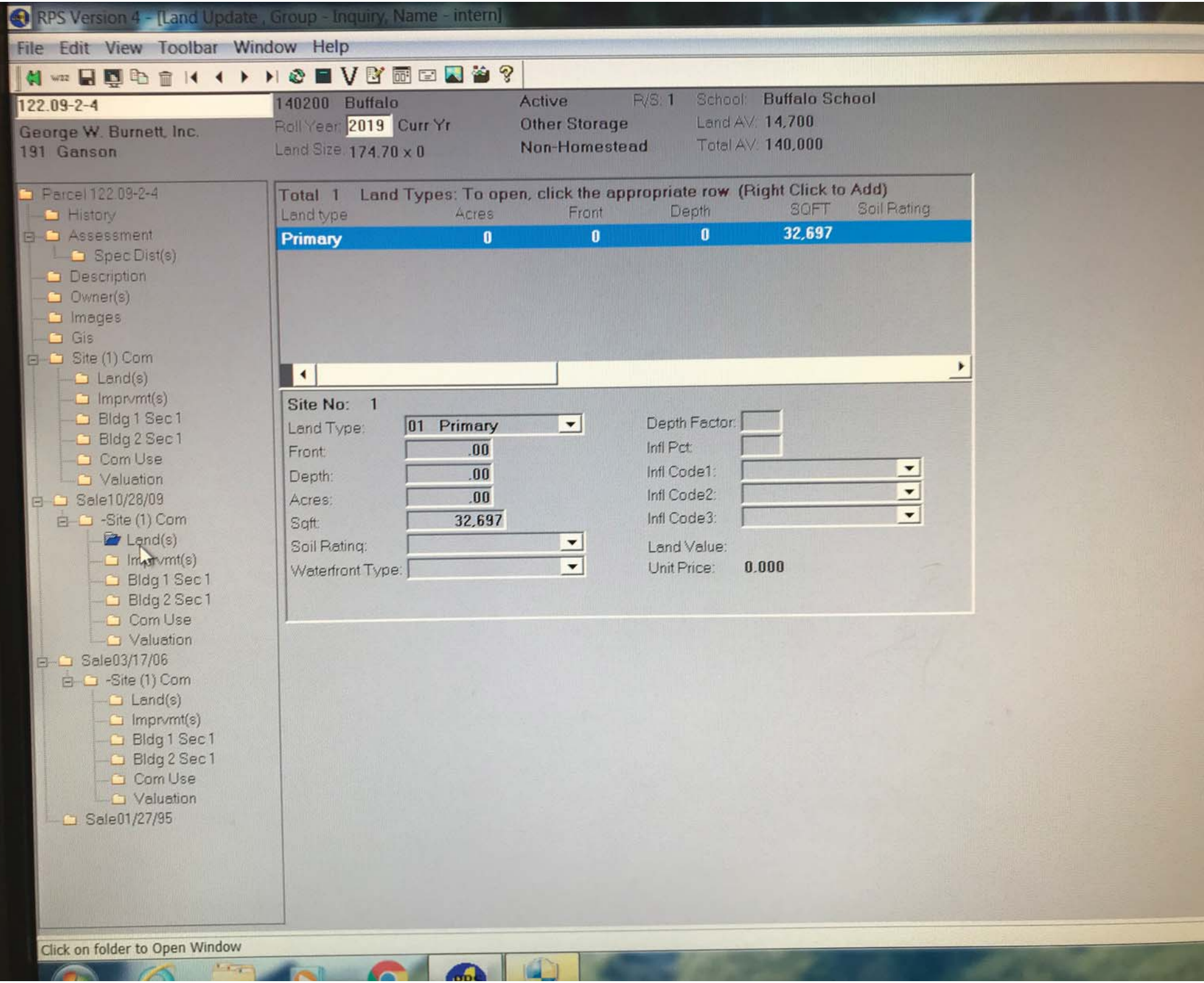

File Edit View Toolbar Window Help
122.09-2-4
George W. Burnett, Inc.
191 Ganson
140200 Buffalo
Roll Year: 2019 Curr Yr
Land Size: 174.70 x 0
Active
Other Storage
Non-Homestead
P/S: 1
School: Buffalo School
Land AV: 14,700
Total AV: 140,000
Parcel 122.09-2-4
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale10/23/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale03/17/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale01/27/95
Valuation Information
Comp Sale ID's
Comp Asmt ID's
Site No: 1
Sum Site(s) to AV
Project: 2019_ENPM_MASTER
Review Date: 00/00/0000
Travel No:
Source:
Value:
Select:
Valuation Methods:
Cost:
Market:
Income:
Adjustments:
Type:
Reason:
Percent: .00
Amount:
Final Site Values:
Land: 196,200
Total:
Prior Site Values:
Land:
Total:
Percent Change:
Land: 0.00
Bldgs: 0.00
Total: 0.00
Cost Value Est:
Land: 196,200
Excess Value:
RCN:
RCNLD:
Total:
Comp Sales Est:
Land:
Total:
Comp Asmt Est:
Land:
Total:
Regression Est:
Land:
Bldgs:
Total:
AEP Model Est:
Land:
Total:
Manual Model Est:
Land:
Bldgs:
Total:
Mkt+Inc Value:
Total:
Click on folder to Open Window

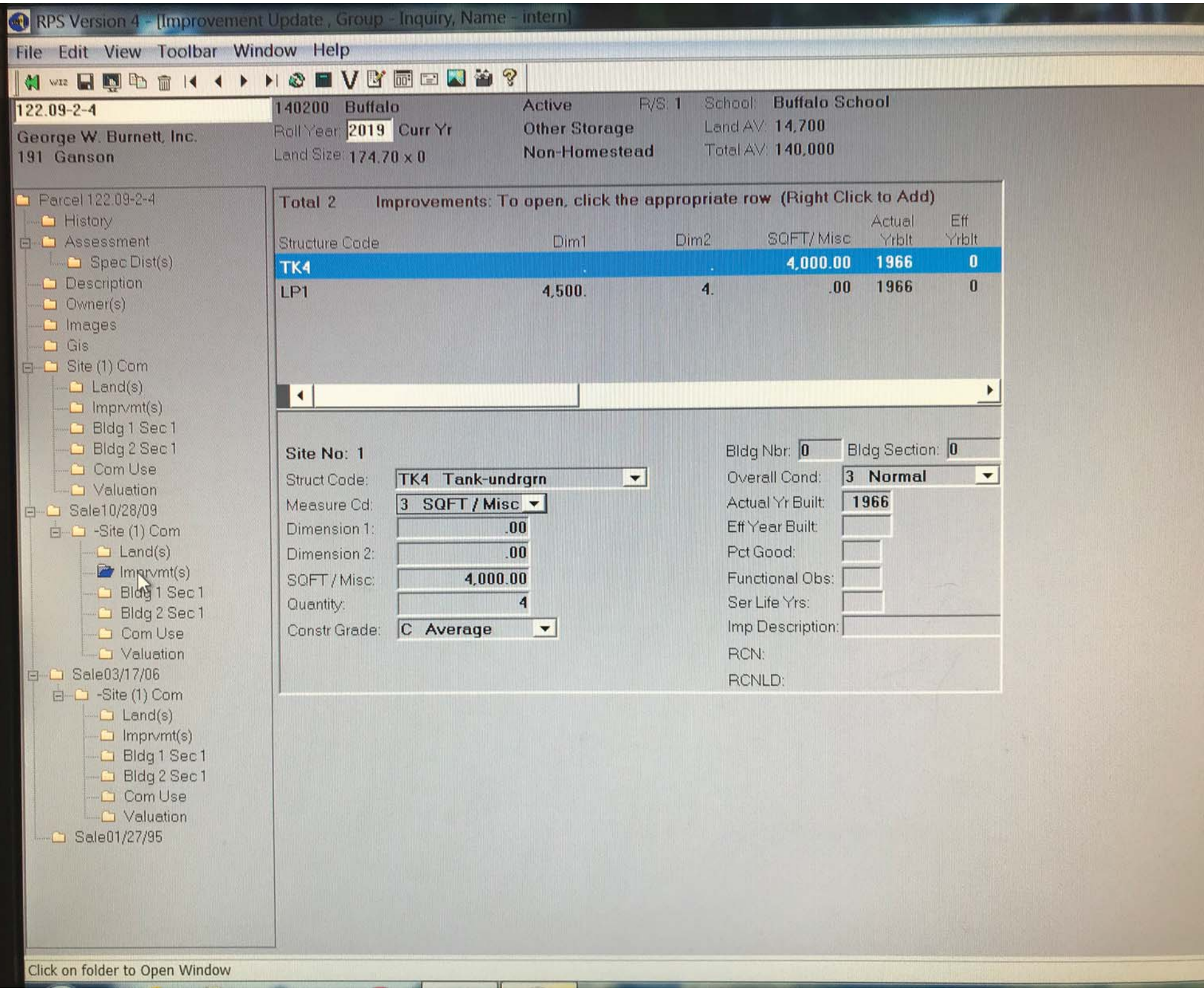

RPS Version 4 - [Sale Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.09-2-4
George W. Burnett, Inc.
191 Ganson
140200 Buffalo
Roll Year: 2019 Curr Yr
Land Size: 174.70 x 0
Active
Other Storage
Non-Homestead
R/S: 1
School: Buffalo School
Land AV: 14,700
Total AV: 140,000
Parcel 122.09-2-4
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale03/17/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale01/27/95
Sale
Additional Sales Info /Attorney Info
Owner(s)
Condition Codes: E
View Cond Codes
Deed Date: 10/28/2009
Deed Book: 11171
Deed Page: 9667
Contract Date: 00/00/0000
Sale Date: 10/28/2009
Date Last Phy Insp: 00/00/0000
Full Sale Price: 1
Personal Prop:
Net Sale Price: 1
Valuation Usable:
No. Parcels: 2 OR Part of a Parcel:
Sale Type: 3 Land & Building
Deed Type: Q Quit Claim
Sales Status: T Transmitted
Corrections Data
Verify:
Condition Code
Sale Date
Sale Price or Personal Property
Rar Excluded: Not Residential
Cod Excluded: Yes
Arms Length: No
Current Owner(s): Sale Date:
George W. Burnett, Inc. 10/28/2009
Prior Owners:
Last Name: First Name: MI: Jr,Sr,ect
Bauer John A
Click on folder to Open Window

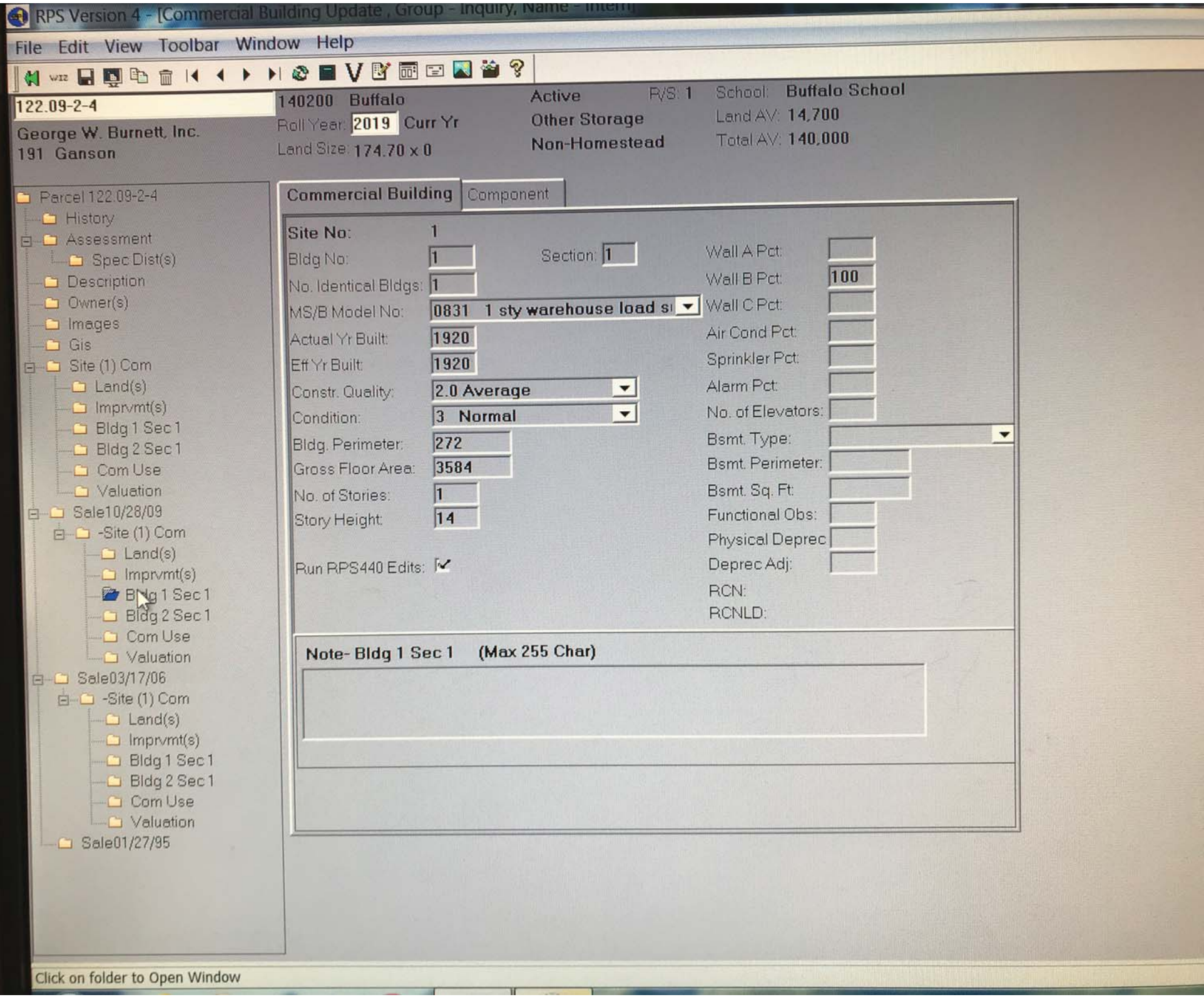

RPS Version 4 - [Sale Update ; Group - Inquiry; Name - Intern]
File Edit View Toolbar Window Help
122.09-2-4
George W. Burnett, Inc.
191 Ganson
140200 Buffalo
Roll Year: 2019 Curr Yr
Land Size: 174.70 x 0
Active
Other Storage
Non-Homestead
R/S: 1
School: Buffalo School
Land AV: 14,700
Total AV: 140,000
Parcel 122.09-2-4
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale03/17/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale01/27/95
Sale
Additional Sales Info /Attorney Info
Owner(s)
Additional Sale Information:
Transmittal Date: 9/14/2010
TOS Prop Class: 449
Own Cd:
TOS Land A/V: 14,700
TOS Total A/V: 140,000
TOS School: 140200
Corrected Book:
Corrected Page:
Additional SWIS:
Additional Parcels Associated with Sale:
SWIS
Parcel ID
Add Parcel
140200
122.13-4-1.11
Acres
FF
Depth
SQFT
0
174.70
0
0
Check the boxes below that apply (Only if part of parcel):
4A. Planning board/subdivision authority
4B. Subdivision approval required for transfer
4C. Parcel approved subdivision map provided
Check the boxes below that apply:
Ownership type is condominium
New construction on vacant land
Property located within agricultural district
Buyer received agricultural district disclosure
Attorney Information:
Attorney First Name:
Robert L
Attorney Last Name:
Bencini
Attorney Phone No:
(716) 855-1111
Click on folder to Open Window

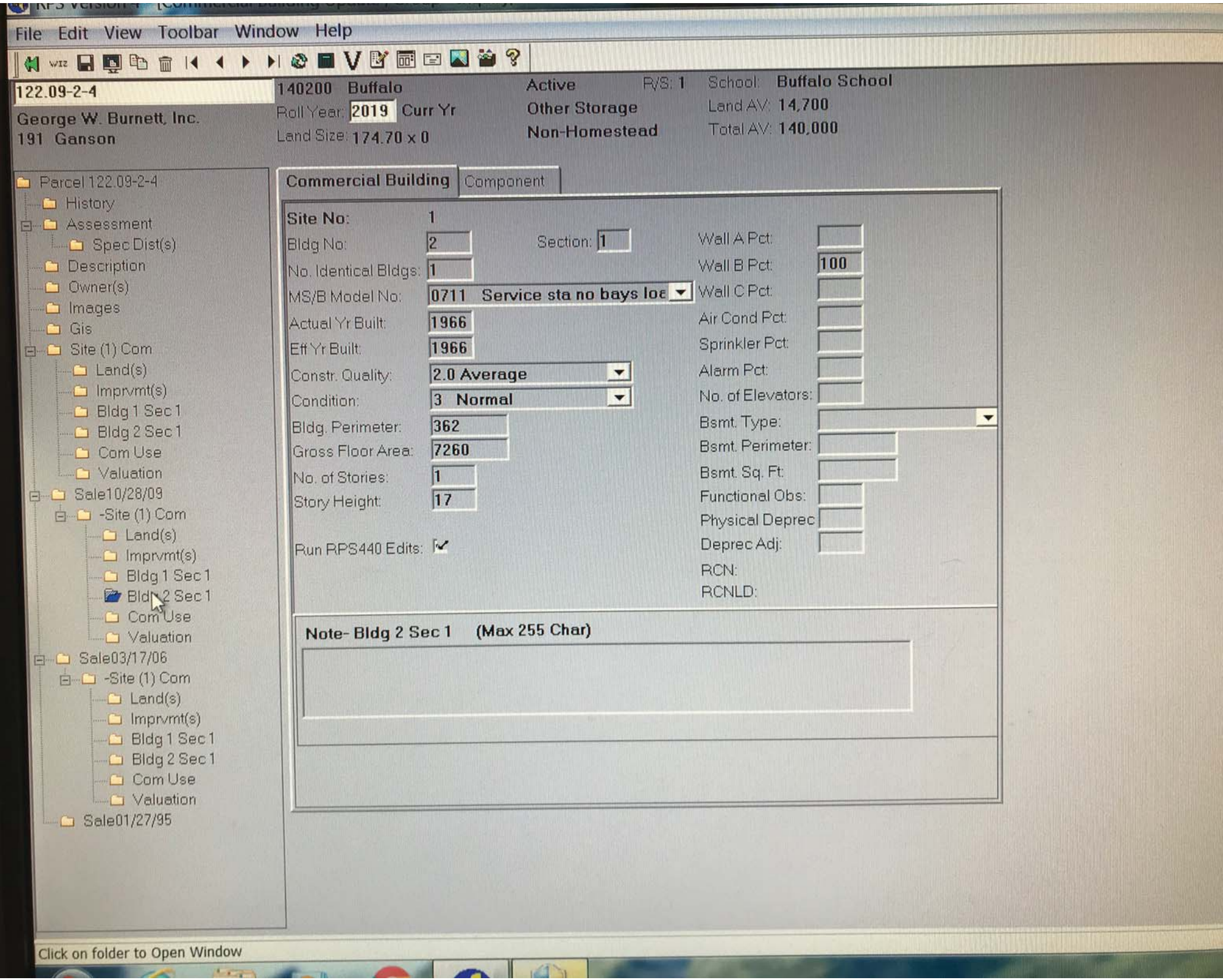

File Edit View Toolbar Window Help
122.09-2-4
140200 Buffalo
Active
P/S 1
School Buffalo School
George W. Burnett, Inc.
Roll Year 2019 Curr Yr
Other Storage
Land AV 14,700
191 Ganson
Land Size 174.70 x 0
Non-Homestead
Total AV 140,000
Parcel 122.09-2-4
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale03/17/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale01/27/95
Sale
Additional Sales Info /Attorney Info
Owner(s)
Total 1 Sale Owners: To open, click the appropriate row
George W. Burnett, Inc.
Owner Type: Primary
Last Name / Company:
George W. Burnett, Inc.
First Name
MI:
Jr., Sr., etc:
Attention To / In Care Of:
Additional Address:
Street No:
189
Prefix Dir:
Street / Rural Route:
Ganson
St Suffix:
Post Dir:
Unit Name:
Unit No:
Po Box No:
City/Town:
Buffalo
State:
NY
Zip Code:
14203-
Country: enter if not "USA"
Bar Cd:
Ownership: e.g. Life Use
Owner Type:
P = Primary
Click on folder to Open Window


RPS Version 4 - [Commercial Site Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.09-2-4
George W. Burnett, Inc.
191 Ganson
140200 Buffalo
Roll Year: 2019 Curr Yr
Land Size: 174.70 x 0
Active
Other Storage
Non-Homestead
R/S: 1
School: Buffalo School
Land AV: 14,700
Total AV: 140,000
Parcel 122.09-2-4
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale03/17/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale01/27/95
Site No: 1
Com
Property Class: 449 Other Storage
Used - As Cd: G03 Body shop
Route No: 000001382
Nbhd Code: 8400
Valuation Dist: 8
Sewer Type: 3 Comm/public
Water Supply: 3 Comm/public
Utilities: 4 Gas & elec
Overall Desire: 4 Good
Overall Cond: 2 Fair
Overall Grade: C Average
DC Entry Type:
Zoning Code:
Run RPS440 Edits:
Overall Eff Yr Blt: 1920
Laser Disk No:
Data Mailer:
Date of Reappraisal 12/01/2002
Economic Obs:
Site Values
Replacement Cost (RCN): 0
RCN Less Depreciation: 0
Cost Land Estimate: 0
Cost Total Estimate: 0
Total Estimate: 0
Excess Value: 0
Final Site Land: 0
Final Site Total: 0
Click on folder to Open Window


RPS Version 4 - [Land Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.09-2-4
140200 Buffalo
Active
P/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year: 2019 Curr Yr
Other Storage
Land AV: 14,700
191 Ganson
Land Size: 174.70 x 0
Non-Homestead
Total AV: 140,000
Parcel 122.09-2-4
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale03/17/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale01/27/95
Total 1 Land Types: To open, click the appropriate row (Right Click to Add)
Land type Acres Front Depth SQFT Soil Rating
Primary 0 0 0 32,697
Site No: 1
Land Type: 01 Primary
Front: .00
Depth: .00
Acres: .00
Sqft: 32,697
Soil Rating:
Waterfront Type:
Depth Factor:
Infl Pct:
Infl Code1:
Infl Code2:
Infl Code3:
Land Value:
Unit Price: 0.000
Click on folder to Open Window


RPS Version 4 - [Improvement Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.09-2-4
George W. Burnett, Inc.
191 Ganson
140200 Buffalo
Roll Year: 2019 Curr Yr
Land Size: 174.70 x 0
Active
Other Storage
Non-Homestead
R/S: 1
School: Buffalo School
Land AV: 14,700
Total AV: 140,000
Parcel 122.09-2-4
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale03/17/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale01/27/95
Total 2 Improvements: To open, click the appropriate row (Right Click to Add)
Structure Code Dim1 Dim2 SQFT/ Misc Actual Yrblt Eff Yrblt
TK4 4,000.00 1966 0
LP1 4,500. 4. .00 1966 0
Site No: 1
Struct Code: TK4 Tank-undrgrn
Measure Cd: 3 SQFT / Misc
Dimension 1: .00
Dimension 2: .00
SQFT / Misc: 4,000.00
Quantity: 4
Constr Grade: C Average
Bldg Nbr: 0
Bldg Section: 0
Overall Cond: 3 Normal
Actual Yr Built: 1966
Eff Year Built:
Pct Good:
Functional Obs:
Ser Life Yrs:
Imp Description:
RCN:
RCNLD:
Click on folder to Open Window


RPS Version 4 - [Commercial Building Update , Group - Inquiry, Name - Intern]
File Edit View Toolbar Window Help
122.09-2-4
George W. Burnett, Inc.
191 Ganson
140200 Buffalo
Roll Year: 2019 Curr Yr
Land Size: 174.70 x 0
Active
Other Storage
Non-Homestead
R/S: 1
School: Buffalo School
Land AV: 14,700
Total AV: 140,000
Parcel 122.09-2-4
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale03/17/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale01/27/95
Commercial Building
Component
Site No: 1
Bldg No: 1
Section: 1
No. Identical Bldgs: 1
MS/B Model No: 0831 1 sty warehouse load si
Actual Yr Built: 1920
Eff Yr Built: 1920
Constr. Quality: 2.0 Average
Condition: 3 Normal
Bldg. Perimeter: 272
Gross Floor Area: 3584
No. of Stories: 1
Story Height: 14
Run RPS440 Edits:
Wall A Pct:
Wall B Pct: 100
Wall C Pct:
Air Cond Pct:
Sprinkler Pct:
Alarm Pct:
No. of Elevators:
Bsmt. Type:
Bsmt. Perimeter:
Bsmt. Sq. Ft:
Functional Obs:
Physical Deprec
Deprec Adj:
RCN:
RCNLD:
Note- Bldg 1 Sec 1 (Max 255 Char)
Click on folder to Open Window


File Edit View Toolbar Window Help
122.09-2-4
140200 Buffalo
Active
R/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year: 2019 Curr Yr
Other Storage
Land AV: 14,700
191 Ganson
Land Size: 174.70 x 0
Non-Homestead
Total AV: 140,000
Parcel 122.09-2-4
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale03/17/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale01/27/95
Commercial Building
Component
Site No: 1
Bldg No: 2
Section: 1
No. Identical Bldgs: 1
MS/B Model No: 0711 Service sta no bays loa
Actual Yr Built: 1966
Eff Yr Built: 1966
Constr. Quality: 2.0 Average
Condition: 3 Normal
Bldg. Perimeter: 362
Gross Floor Area: 7260
No. of Stories: 1
Story Height: 17
Run RPS440 Edits:
Wall A Pct:
Wall B Pct: 100
Wall C Pct:
Air Cond Pct:
Sprinkler Pct:
Alarm Pct:
No. of Elevators:
Bsmt. Type:
Bsmt. Perimeter:
Bsmt. Sq. Ft:
Functional Obs:
Physical Deprec
Deprec Adj:
RCN:
RCNLD:
Note- Bldg 2 Sec 1 (Max 255 Char)
Click on folder to Open Window

File Edit View Toolbar Window Help

122.09-2-4 | 140200 Buffalo | Active | R/S: 1 | School: Buffalo School
George W. Burnett, Inc. | Roll Year: 2019 Curr Yr | Other Storage | Land AV: 14,700
191 Ganson | Land Size: 174.70 x 0 | Non-Homestead | Total AV: 140,000

- Parcel 122.09-2-4
  - History
  - Assessment
    - Spec Dist(s)
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Com
    - Land(s)
    - Imprvmt(s)
    - Bldg 1 Sec 1
    - Bldg 2 Sec 1
    - Com Use
    - Valuation
  - Sale10/28/09
    - -Site (1) Com
      - Land(s)
      - Imprvmt(s)
      - Bldg 1 Sec 1
      - Bldg 2 Sec 1
      - Com Use
      - Valuation
  - Sale03/17/06
    - -Site (1) Com
      - Land(s)
      - Imprvmt(s)
      - Bldg 1 Sec 1
      - Bldg 2 Sec 1
      - Com Use
      - Valuation
  - Sale01/27/95

Total 2 Used As Codes: To open, click the appropriate row (Right Click to Add)

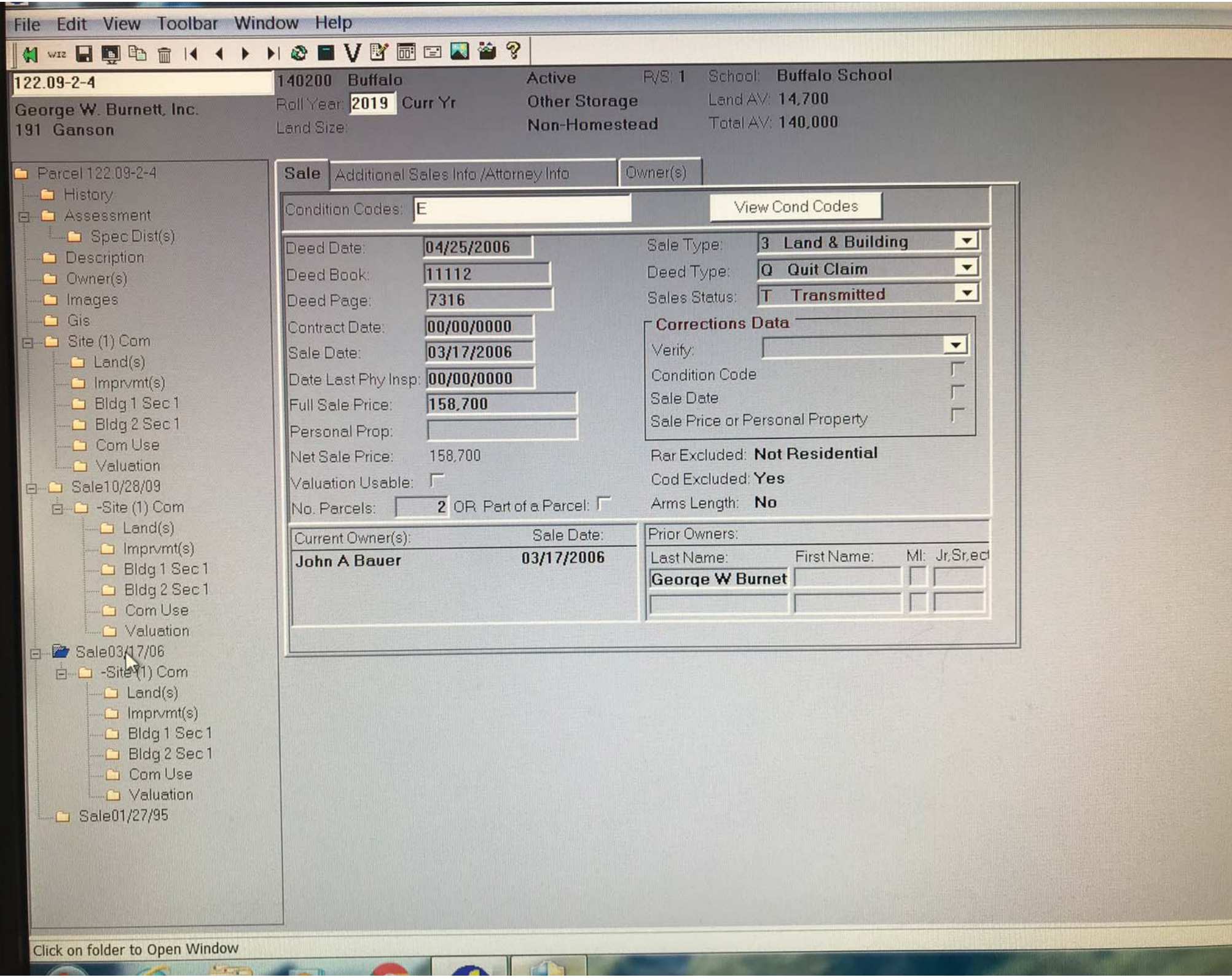
Jsed As Code	Rentable SQFT	No of Units	Unit Description	Total Rent
F03 Dstr wrhouse	3,584	0	01	
G03 Body shop	7,260	0	01	

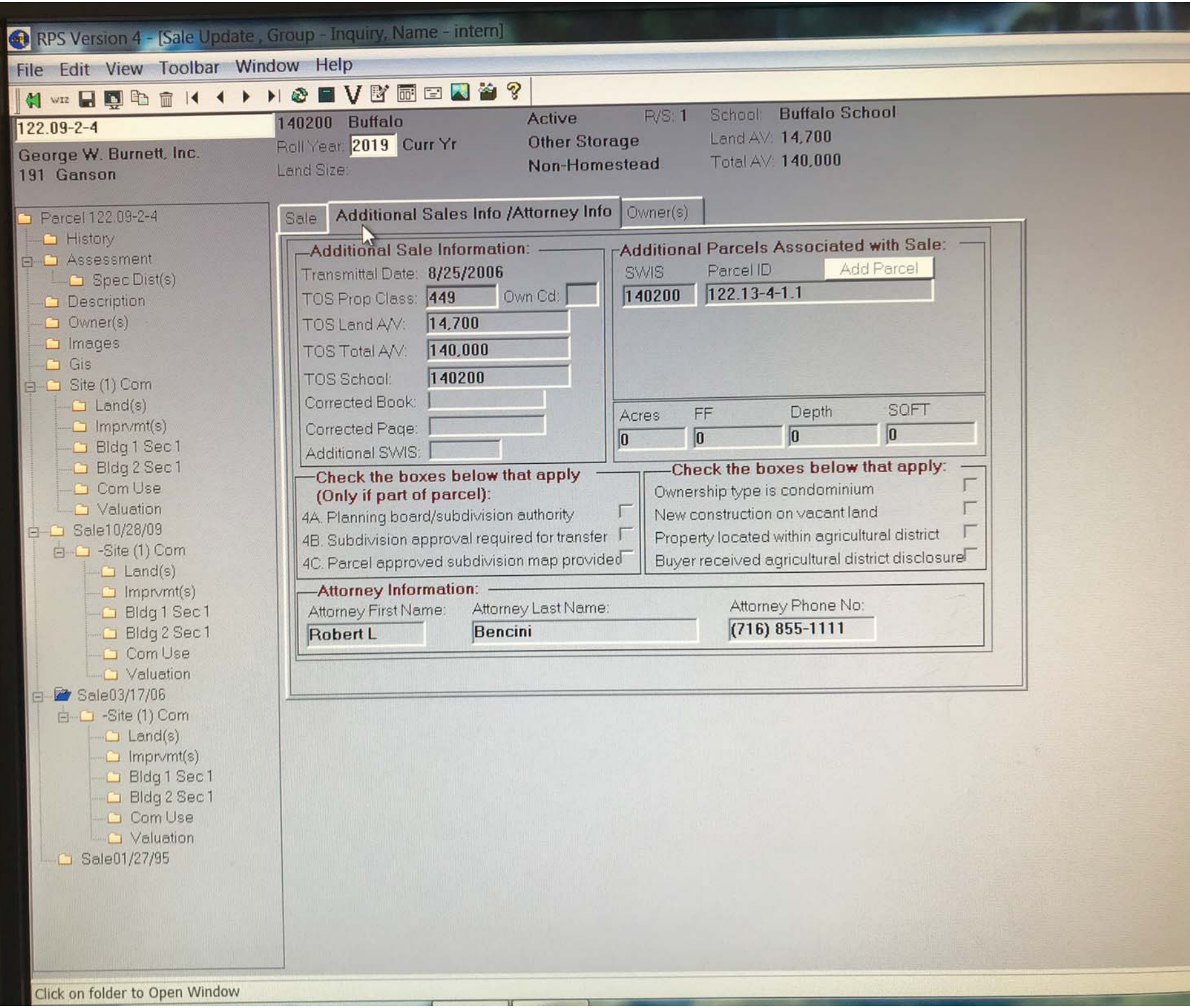
Site No: 1 Use No: 2

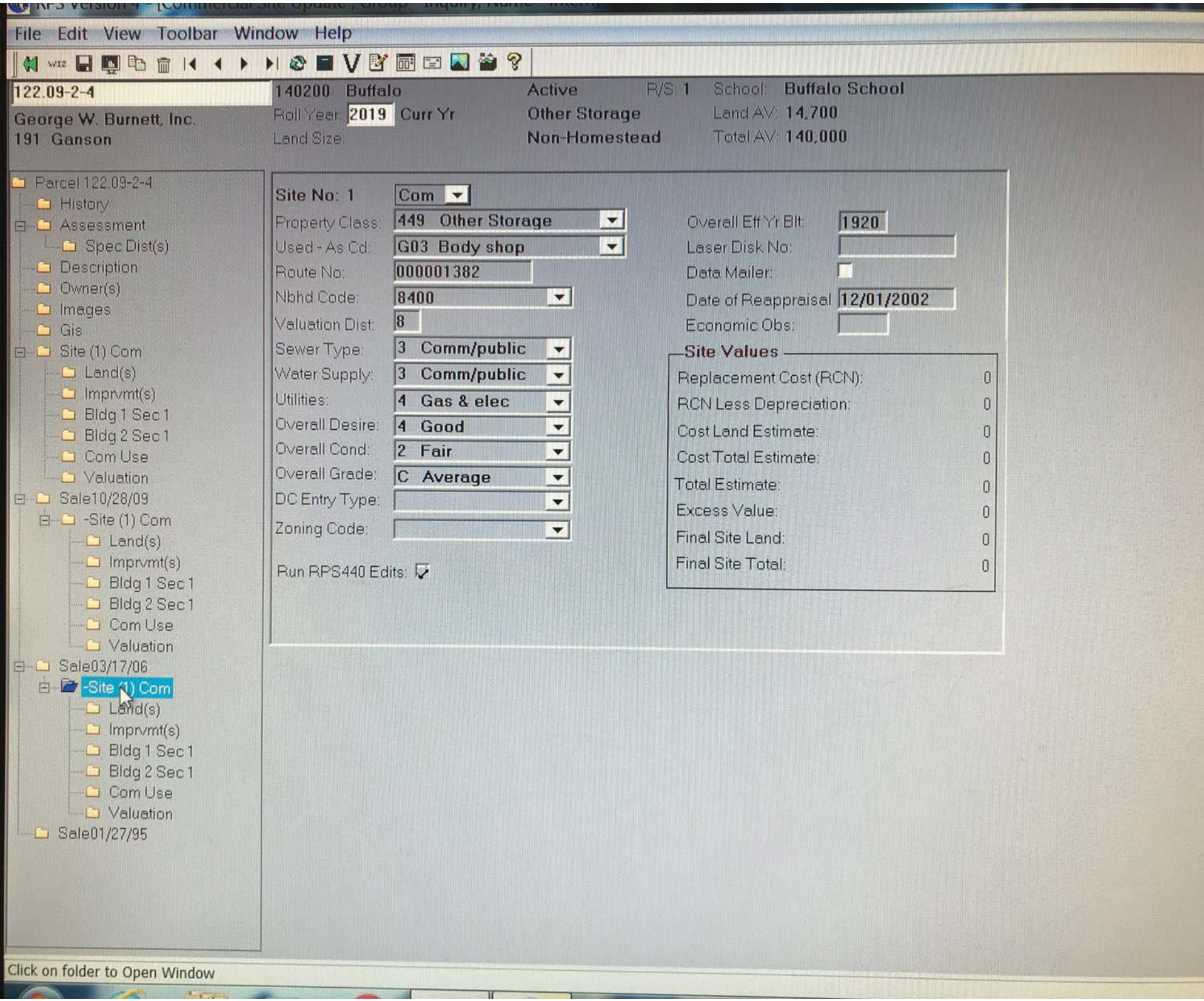
Used As Code: F03 Dstr wrhouse
Valuation Dist: 8
Rentable Sqft: 3,584
Unit Code Desc: 01
No of Units:
Lease Begin:
Lease Length: yrs

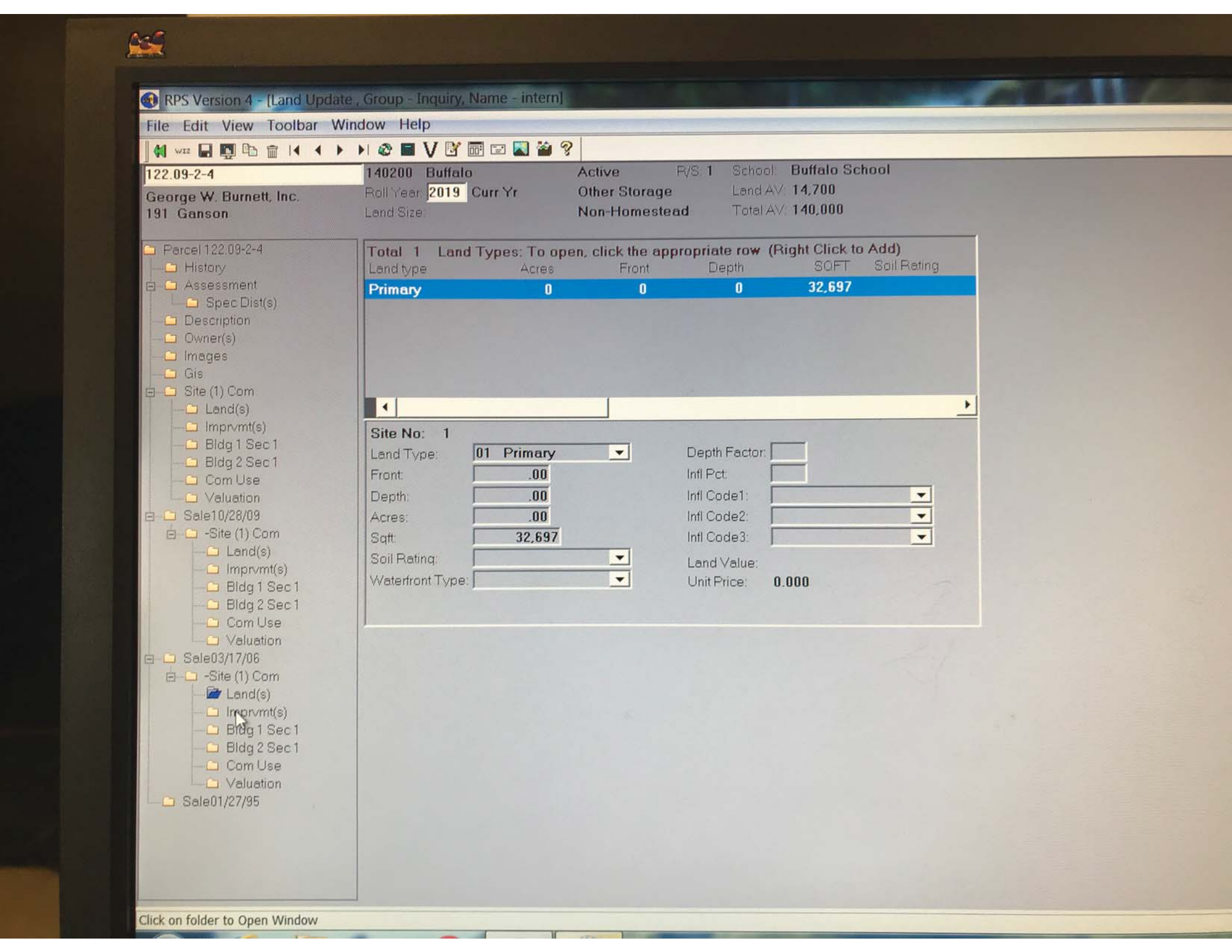
Total Eff / 1 Bed Sqft:
No of Units:
Annual Rent/Unit:
Total 2 Bedroom Sqft:
No of Units:
Annual Rent/Unit:
Total 3 Bedroom Sqft:
No of Units:
Annual Rent/Unit:

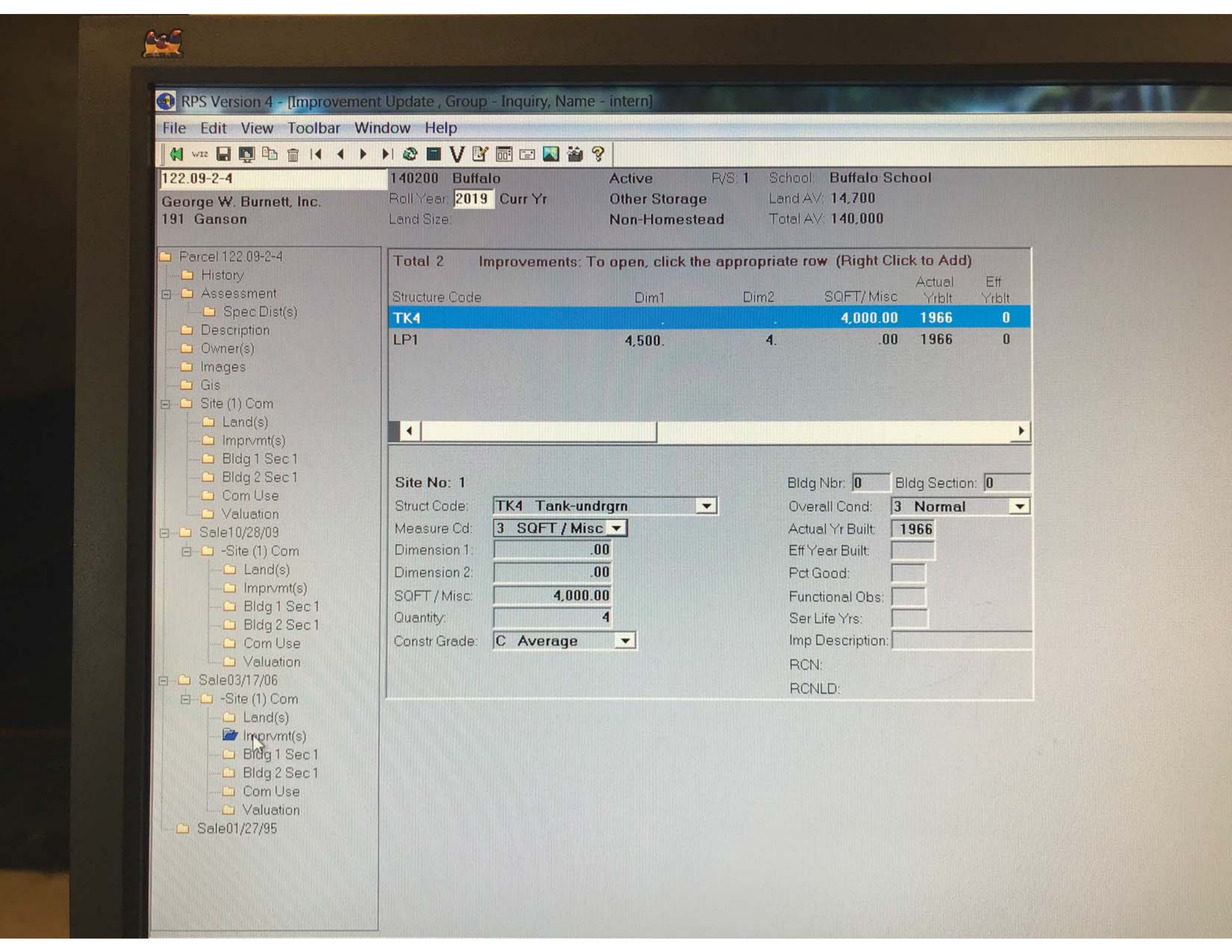
Click on folder to Open Window

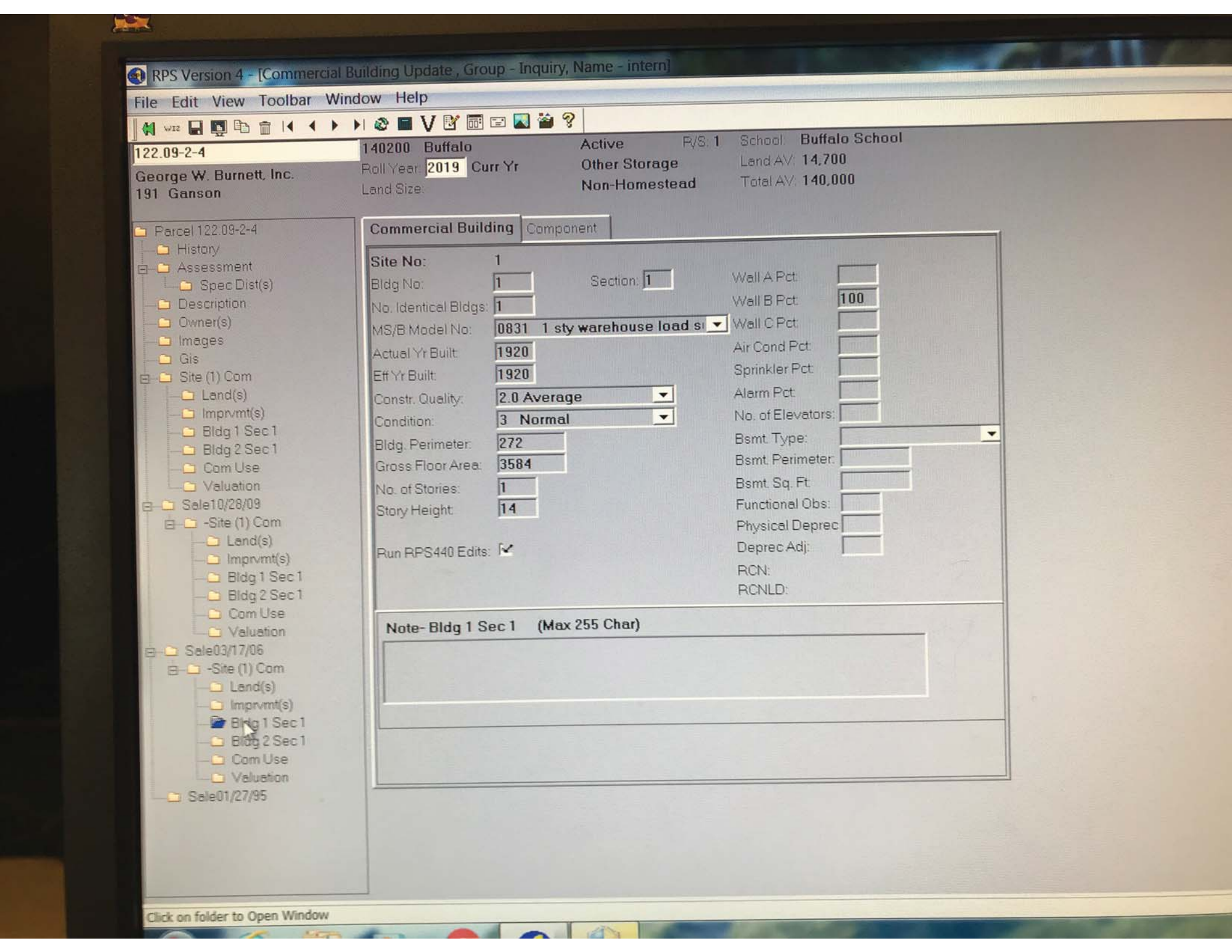

File Edit View Toolbar Window Help
122.09-2-4
140200 Buffalo
Active
R/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year: 2019 Curr Yr
Other Storage
Land AV: 14,700
191 Ganson
Land Size:
Non-Homestead
Total AV: 140,000
Parcel 122.09-2-4
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale03/17/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale01/27/95
Sale
Additional Sales Info /Attorney Info
Owner(s)
Condition Codes: E
View Cond Codes
Deed Date: 04/25/2006
Deed Book: 11112
Deed Page: 7316
Contract Date: 00/00/0000
Sale Date: 03/17/2006
Date Last Phy Insp: 00/00/0000
Full Sale Price: 158,700
Personal Prop:
Net Sale Price: 158,700
Valuation Usable:
No. Parcels: 2 OR Part of a Parcel:
Sale Type: 3 Land & Building
Deed Type: Q Quit Claim
Sales Status: T Transmitted
Corrections Data
Verify:
Condition Code
Sale Date
Sale Price or Personal Property
Rar Excluded: Not Residential
Cod Excluded: Yes
Arms Length: No
Current Owner(s):
Sale Date:
John A Bauer
03/17/2006
Prior Owners:
Last Name:
First Name:
MI:
Jr,Sr,ect
George W Burnet
Click on folder to Open Window

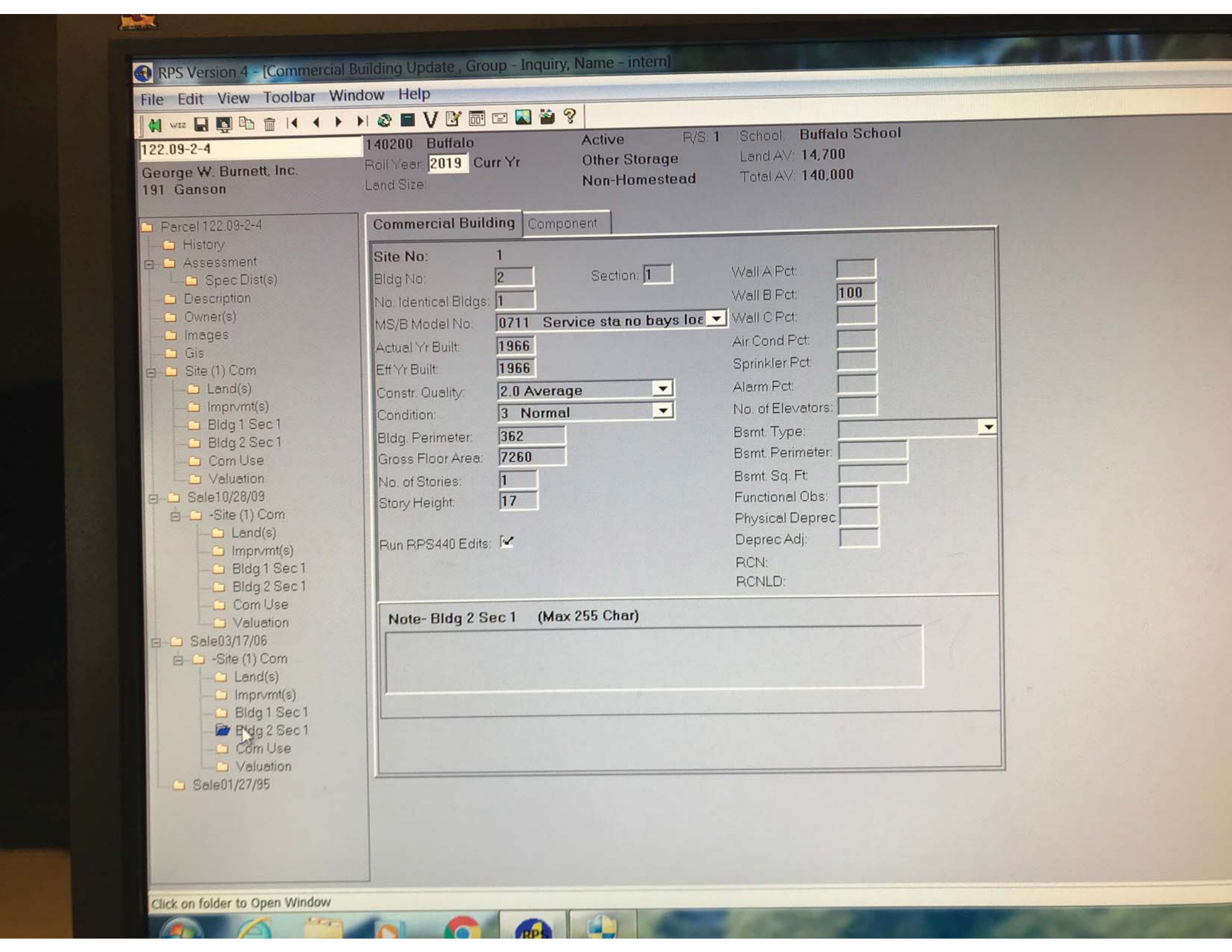

RPS Version 4 - [Sale Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.09-2-4
140200 Buffalo
Active
R/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year: 2019 Curr Yr
Other Storage
Land AV: 14,700
191 Ganson
Land Size:
Non-Homestead
Total AV: 140,000
Parcel 122.09-2-4
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale03/17/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale01/27/95
Sale
Additional Sales Info /Attorney Info
Owner(s)
Additional Sale Information:
Transmittal Date: 8/25/2006
TOS Prop Class: 449
Own Cd:
TOS Land A/V: 14,700
TOS Total A/V: 140,000
TOS School: 140200
Corrected Book:
Corrected Page:
Additional SWIS:
Additional Parcels Associated with Sale:
SWIS
Parcel ID
Add Parcel
140200
122.13-4-1.1
Acres
FF
Depth
SQFT
0
0
0
0
Check the boxes below that apply (Only if part of parcel):
4A. Planning board/subdivision authority
4B. Subdivision approval required for transfer
4C. Parcel approved subdivision map provided
Check the boxes below that apply:
Ownership type is condominium
New construction on vacant land
Property located within agricultural district
Buyer received agricultural district disclosure
Attorney Information:
Attorney First Name:
Attorney Last Name:
Attorney Phone No:
Robert L
Bencini
(716) 855-1111
Click on folder to Open Window

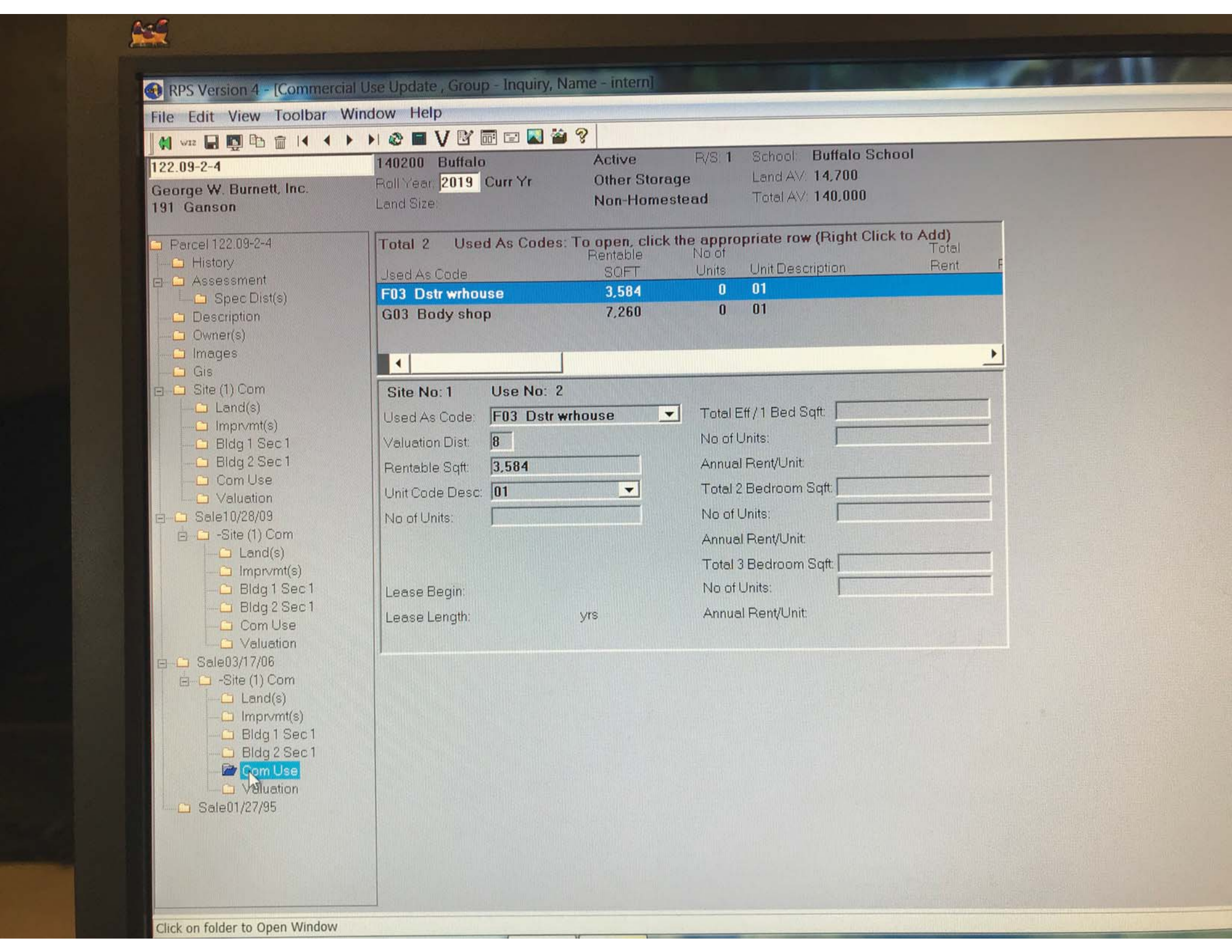

File Edit View Toolbar Window Help
122.09-2-4
140200 Buffalo
Active
P/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year: 2019 Curr Yr
Other Storage
Land AV: 14,700
191 Ganson
Land Size:
Non-Homestead
Total AV: 140,000
Parcel 122.09-2-4
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale03/17/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale01/27/95
Site No: 1
Com
Property Class: 449 Other Storage
Used - As Cd: G03 Body shop
Route No: 000001382
Nbhd Code: 8400
Valuation Dist: 8
Sewer Type: 3 Comm/public
Water Supply: 3 Comm/public
Utilities: 4 Gas & elec
Overall Desire: 4 Good
Overall Cond: 2 Fair
Overall Grade: C Average
DC Entry Type:
Zoning Code:
Run RPS440 Edits:
Overall Eff Yr Blt: 1920
Laser Disk No:
Data Mailer:
Date of Reappraisal 12/01/2002
Economic Obs:
Site Values
Replacement Cost (RCN): 0
RCN Less Depreciation: 0
Cost Land Estimate: 0
Cost Total Estimate: 0
Total Estimate: 0
Excess Value: 0
Final Site Land: 0
Final Site Total: 0
Click on folder to Open Window

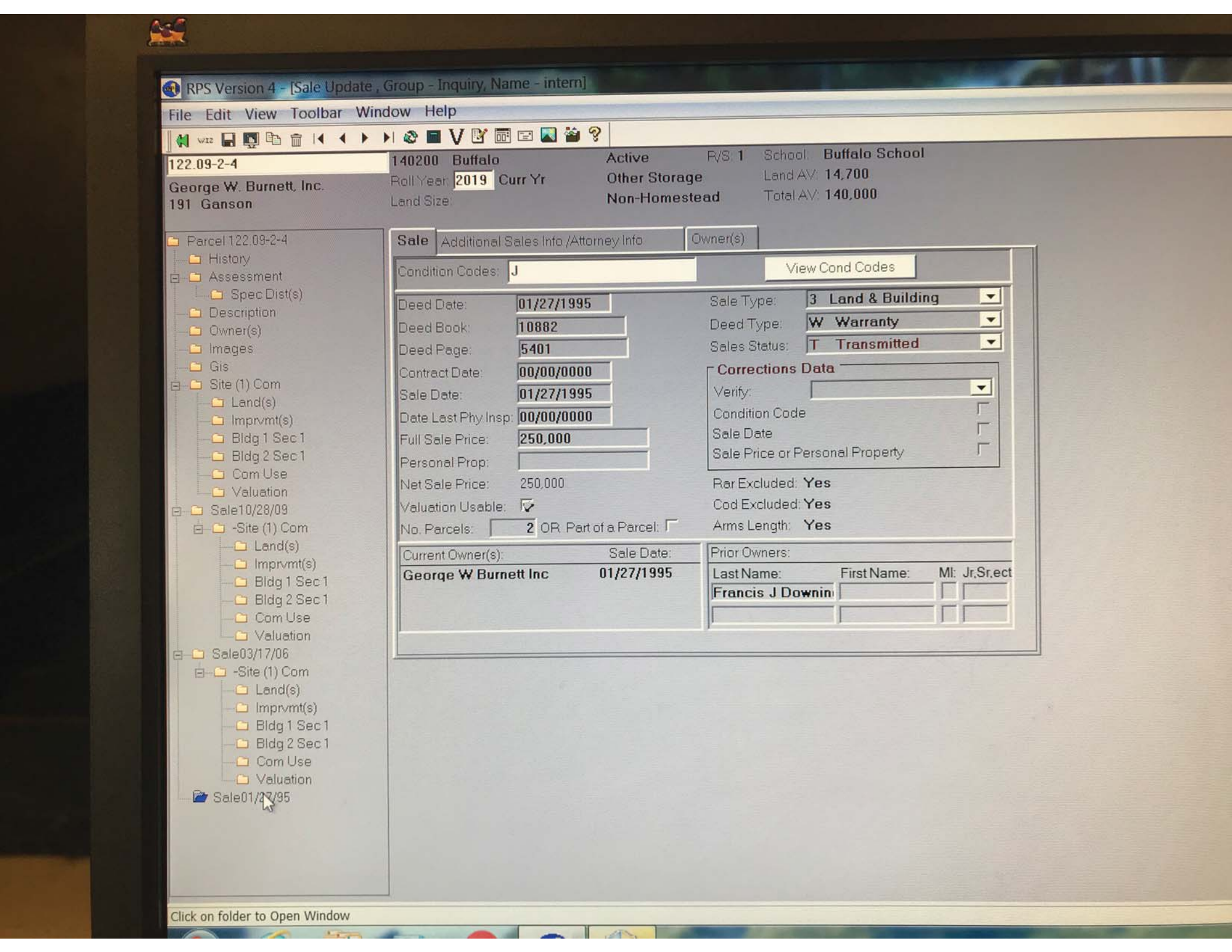

RPS Version 4 - [Land Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.09-2-4
George W. Burnett, Inc.
191 Ganson
140200 Buffalo
Roll Year 2019 Curr Yr
Land Size:
Active
Other Storage
Non-Homestead
P/S: 1
School: Buffalo School
Land AV: 14,700
Total AV: 140,000
Parcel 122.09-2-4
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale03/17/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale01/27/95
Total 1 Land Types: To open, click the appropriate row (Right Click to Add)
Land type Acres Front Depth SQFT Soil Rating
Primary 0 0 0 32,697
Site No: 1
Land Type: 01 Primary
Front: .00
Depth: .00
Acres: .00
Sqft: 32,697
Soil Rating:
Waterfront Type:
Depth Factor:
Infl Pct:
Infl Code1:
Infl Code2:
Infl Code3:
Land Value:
Unit Price: 0.000
Click on folder to Open Window


RPS Version 4 - [Improvement Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.09-2-4
140200 Buffalo
Active
P/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year: 2019 Curr Yr
Other Storage
Land AV: 14,700
191 Ganson
Land Size:
Non-Homestead
Total AV: 140,000
Parcel 122.09-2-4
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale03/17/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale01/27/95
Total 2 Improvements: To open, click the appropriate row (Right Click to Add)
Structure Code
Dim1
Dim2
SQFT/ Misc
Actual Yrblt
Eff Yrblt
TK4 . . 4,000.00 1966 0
LP1 4,500. 4. .00 1966 0
Site No: 1
Struct Code: TK4 Tank-undrgrn
Measure Cd: 3 SQFT / Misc
Dimension 1: .00
Dimension 2: .00
SQFT / Misc: 4,000.00
Quantity: 4
Constr Grade: C Average
Bldg Nbr: 0
Bldg Section: 0
Overall Cond: 3 Normal
Actual Yr Built: 1966
Eff Year Built:
Pct Good:
Functional Obs:
Ser Life Yrs:
Imp Description:
RCN:
RCNLD:


RPS Version 4 - [Commercial Building Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.09-2-4
George W. Burnett, Inc.
191 Ganson
140200 Buffalo
Roll Year: 2019 Curr Yr
Land Size:
Active
Other Storage
Non-Homestead
P/S: 1
School: Buffalo School
Land AV: 14,700
Total AV: 140,000
Parcel 122.09-2-4
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale03/17/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale01/27/95
Commercial Building
Component
Site No: 1
Bldg No: 1
Section: 1
No. Identical Bldgs: 1
MS/B Model No: 0831 1 sty warehouse load si
Actual Yr Built: 1920
Eff Yr Built: 1920
Constr. Quality: 2.0 Average
Condition: 3 Normal
Bldg. Perimeter: 272
Gross Floor Area: 3584
No. of Stories: 1
Story Height: 14
Run RPS440 Edits:
Wall A Pct:
Wall B Pct: 100
Wall C Pct:
Air Cond Pct:
Sprinkler Pct:
Alarm Pct:
No. of Elevators:
Bsmt. Type:
Bsmt. Perimeter:
Bsmt. Sq. Ft:
Functional Obs:
Physical Deprec
Deprec Adj:
RCN:
RCNLD:
Note- Bldg 1 Sec 1 (Max 255 Char)
Click on folder to Open Window


RPS Version 4 - [Commercial Building Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.09-2-4
140200 Buffalo
Active
R/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year: 2019 Curr Yr
Other Storage
Land AV: 14,700
191 Ganson
Land Size:
Non-Homestead
Total AV: 140,000
Parcel 122.09-2-4
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale03/17/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale01/27/95
Commercial Building
Component
Site No: 1
Bldg No: 2
Section: 1
No. Identical Bldgs: 1
MS/B Model No: 0711 Service sta no bays loa
Actual Yr Built: 1966
Eff Yr Built: 1966
Constr. Quality: 2.0 Average
Condition: 3 Normal
Bldg. Perimeter: 362
Gross Floor Area: 7260
No. of Stories: 1
Story Height: 17
Run RPS440 Edits:
Wall A Pct:
Wall B Pct: 100
Wall C Pct:
Air Cond Pct:
Sprinkler Pct:
Alarm Pct:
No. of Elevators:
Bsmt. Type:
Bsmt. Perimeter:
Bsmt. Sq. Ft:
Functional Obs:
Physical Deprec
Deprec Adj:
RCN:
RCNLD:
Note- Bldg 2 Sec 1 (Max 255 Char)
Click on folder to Open Window


RPS Version 4 - [Commercial Use Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.09-2-4
140200 Buffalo
Active
R/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year: 2019 Curr Yr
Other Storage
Land AV: 14,700
191 Ganson
Land Size:
Non-Homestead
Total AV: 140,000
Parcel 122.09-2-4
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale03/17/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale01/27/95
Total 2 Used As Codes: To open, click the appropriate row (Right Click to Add)
Jsed As Code
Rentable SQFT
No of Units
Unit Description
Total Rent
F03 Dstr wrhouse 3,584 0 01
G03 Body shop 7,260 0 01
Site No: 1 Use No: 2
Used As Code: F03 Dstr wrhouse
Valuation Dist: 8
Rentable Sqft: 3,584
Unit Code Desc: 01
No of Units:
Lease Begin:
Lease Length: yrs
Total Eff / 1 Bed Sqft:
No of Units:
Annual Rent/Unit:
Total 2 Bedroom Sqft:
No of Units:
Annual Rent/Unit:
Total 3 Bedroom Sqft:
No of Units:
Annual Rent/Unit:
Click on folder to Open Window


RPS Version 4 - [Sale Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.09-2-4
140200 Buffalo
Active
P/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year: 2019 Curr Yr
Other Storage
Land AV: 14,700
191 Ganson
Land Size:
Non-Homestead
Total AV: 140,000
Parcel 122.09-2-4
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale03/17/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Bldg 2 Sec 1
Com Use
Valuation
Sale01/27/95
Sale
Additional Sales Info /Attorney Info
Owner(s)
Condition Codes: J
View Cond Codes
Deed Date: 01/27/1995
Deed Book: 10882
Deed Page: 5401
Contract Date: 00/00/0000
Sale Date: 01/27/1995
Date Last Phy Insp: 00/00/0000
Full Sale Price: 250,000
Personal Prop:
Net Sale Price: 250,000
Valuation Usable:
No. Parcels: 2 OR Part of a Parcel:
Sale Type: 3 Land & Building
Deed Type: W Warranty
Sales Status: T Transmitted
Corrections Data
Verify:
Condition Code
Sale Date
Sale Price or Personal Property
Rar Excluded: Yes
Cod Excluded: Yes
Arms Length: Yes
Current Owner(s): Sale Date:
George W Burnett Inc 01/27/1995
Prior Owners:
Last Name: First Name: MI: Jr,Sr,ect
Francis J Downin
Click on folder to Open Window

RPS Version 4 - [Parcel Update , Group - Inquiry, Name - intern]

File Edit View Toolbar Window Help

122.13-4-2 | 140200 Buffalo | Active | R/S: 1 | School: Buffalo School

George W. Burnett, Inc. | Roll Year: 2019 Curr Yr | Auto body | Land AV: 119,800

127 Buffalo River | Land Size: 550.00 x 0 | Non-Homestead | Total AV: 277,200

- Parcel 122.13-4-2
  - History
  - Assessment
    - Spec Dist(s)
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Com
    - Land(s)
    - Imprvmt(s)
    - Bldg 1 Sec 1
    - Com Use
    - Valuation
  - Sale10/28/09
    - -Site (1) Com
      - Land(s)
      - Imprvmt(s)
      - Bldg 1 Sec 1
      - Com Use
      - Valuation
  - Sale04/25/06
    - -Site (1) Com
      - Land(s)
      - Imprvmt(s)
      - Bldg 1 Sec 1
      - Com Use
      - Valuation
  - Sale06/07/96

Parcel | Permit | Deed Reference

Parcel Land Size

Acres: .00 Front: 550.00 Depth: .00 Sqft: Irregular Lot: ☑

Grid Coordinates

East: 1071497

North: 1043564

Active Code: Active

Account No: 00252100

Last FM Info

Modified: 12/01/2011 02:48 PM

User Name: Batch FM by orps

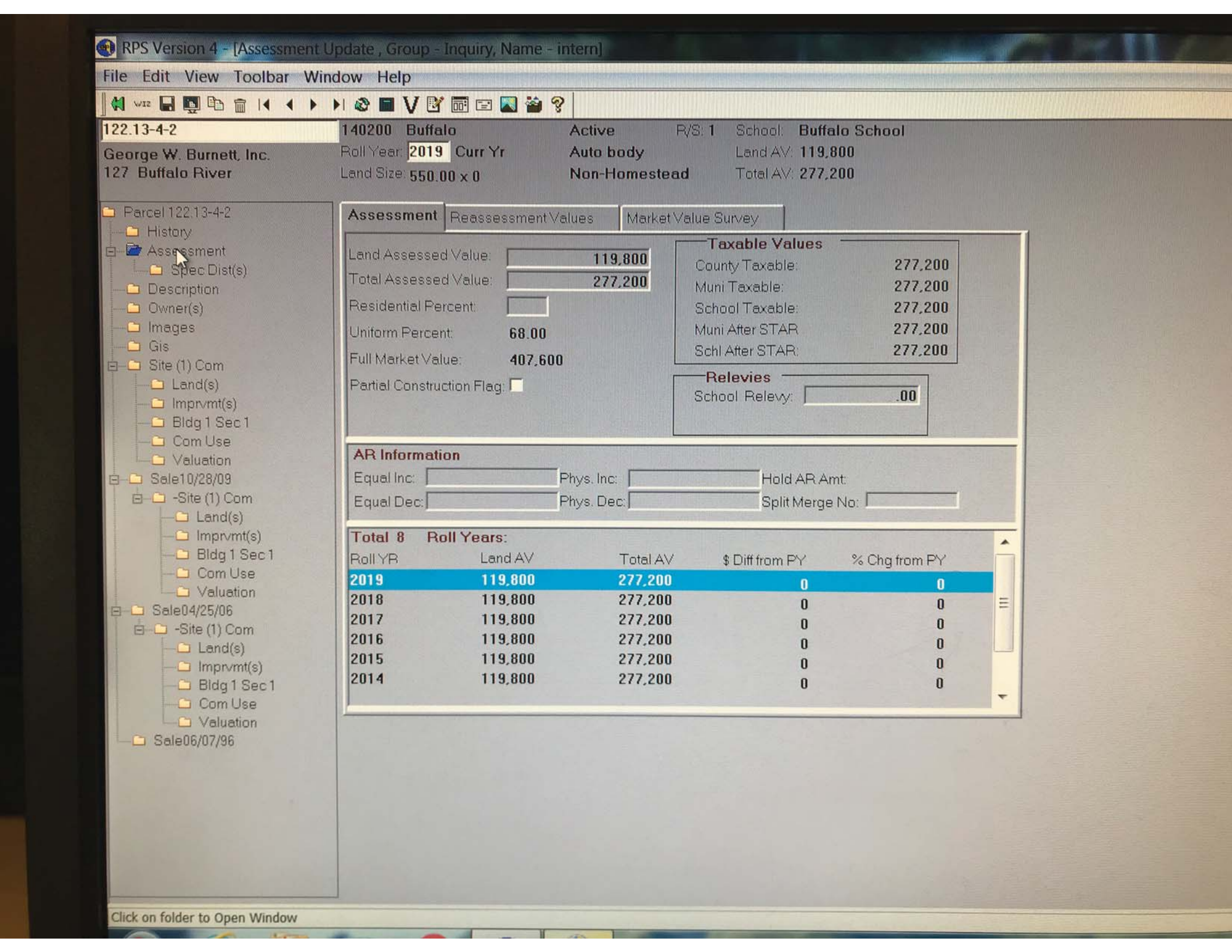
Folder: SPEC_DIST

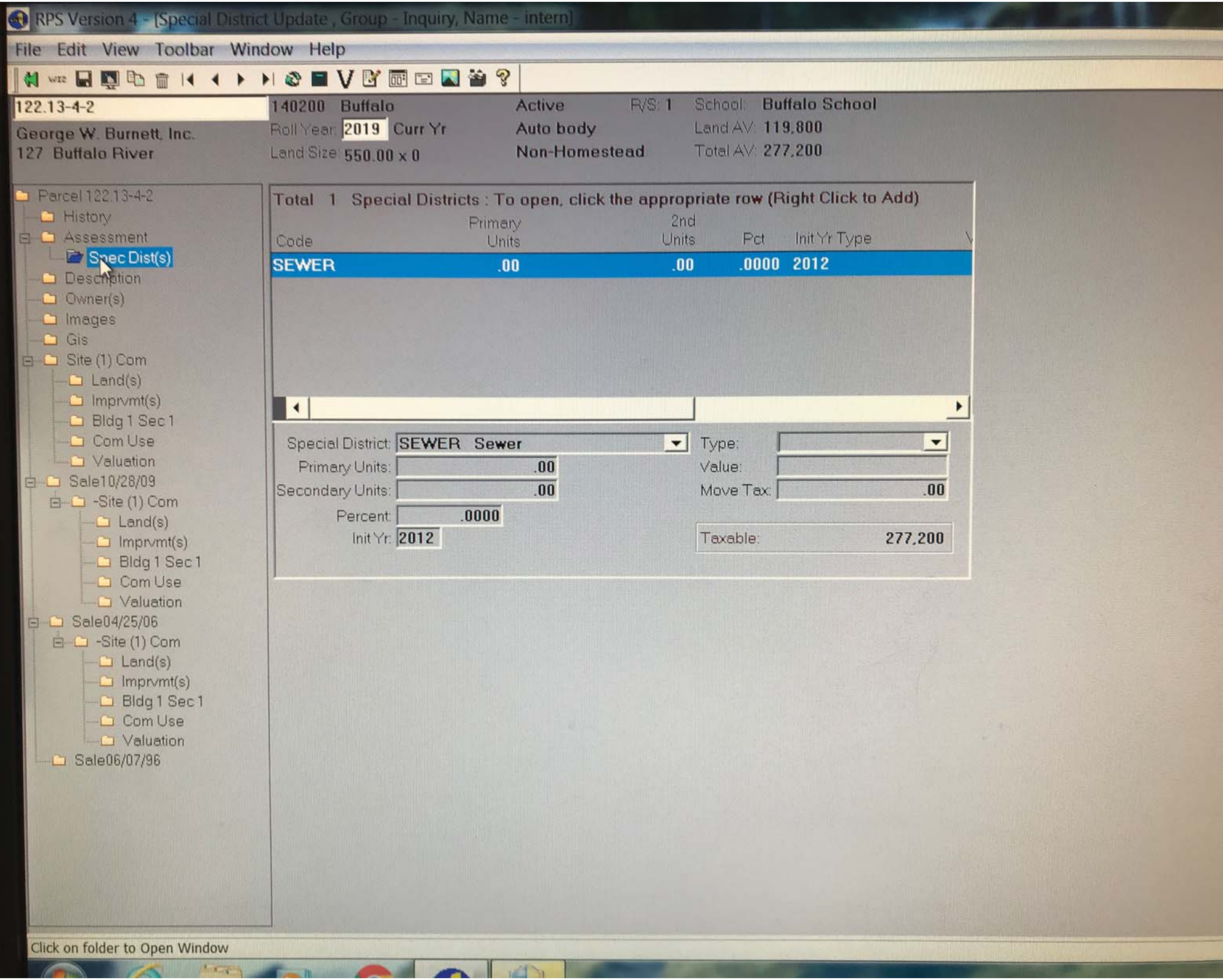
Parcel Location

Street No: 127 | Prefix Dir: | Street Name: Buffalo River | St Suffix: | Post Dir:

Unit Name: | Unit No: | Street Side: W

City/Town: Buffalo | Zip Code: 14203-


RPS Version 4 - [Assessment Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.13-4-2
140200 Buffalo
Active
P/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year: 2019 Curr Yr
Auto body
Land AV: 119,800
127 Buffalo River
Land Size: 550.00 x 0
Non-Homestead
Total AV: 277,200
Parcel 122.13-4-2
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale04/25/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale06/07/96
Assessment
Reassessment Values
Market Value Survey
Land Assessed Value: 119,800
Total Assessed Value: 277,200
Residential Percent:
Uniform Percent: 68.00
Full Market Value: 407,600
Partial Construction Flag:
Taxable Values
County Taxable: 277,200
Muni Taxable: 277,200
School Taxable: 277,200
Muni After STAR 277,200
Schl After STAR: 277,200
Relevies
School Relevy: .00
AR Information
Equal Inc:
Phys. Inc:
Hold AR Amt:
Equal Dec:
Phys. Dec:
Split Merge No:
Total 8 Roll Years:
Roll YR | Land AV | Total AV | $ Diff from PY | % Chg from PY
2019 | 119,800 | 277,200 | 0 | 0
2018 | 119,800 | 277,200 | 0 | 0
2017 | 119,800 | 277,200 | 0 | 0
2016 | 119,800 | 277,200 | 0 | 0
2015 | 119,800 | 277,200 | 0 | 0
2014 | 119,800 | 277,200 | 0 | 0
Click on folder to Open Window


RPS Version 4 - [Special District Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.13-4-2
140200 Buffalo
Active
R/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year: 2019 Curr Yr
Auto body
Land AV: 119,800
127 Buffalo River
Land Size: 550.00 x 0
Non-Homestead
Total AV: 277,200
Parcel 122.13-4-2
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale04/25/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale06/07/96
Total 1 Special Districts : To open, click the appropriate row (Right Click to Add)
Code
Primary Units
2nd Units
Pct
Init Yr Type
SEWER .00 .00 .0000 2012
Special District: SEWER Sewer
Type:
Primary Units: .00
Value:
Secondary Units: .00
Move Tax: .00
Percent: .0000
Init Yr: 2012
Taxable: 277,200
Click on folder to Open Window

RPS Version 4 - [Description Update , Group - Inquiry, Name - intern]

File Edit View Toolbar Window Help

122.13-4-2 | 140200 Buffalo | Active | P/S: 1 | School: Buffalo School

George W. Burnett, Inc.
127 Buffalo River

Roll Year: 2019 Curr Yr | Auto body | Land AV: 119,800
Land Size: 550.00 x 0 | Non-Homestead | Total AV: 277,200

- Parcel 122.13-4-2
  - History
  - Assessment
    - Spec Dist(s)
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Com
    - Land(s)
    - Imprvmt(s)
    - Bldg 1 Sec 1
    - Com Use
    - Valuation
  - Sale10/28/09
    - -Site (1) Com
      - Land(s)
      - Imprvmt(s)
      - Bldg 1 Sec 1
      - Com Use
      - Valuation
  - Sale04/25/06
    - -Site (1) Com
      - Land(s)
      - Imprvmt(s)
      - Bldg 1 Sec 1
      - Com Use
      - Valuation
  - Sale06/07/96

Prop Class: 433 Auto body
Ownership Code:
Roll Section: 1 Taxable
Roll Subsection: A
School Code: 140200 Buffalo School
Cons. School:
Easement Code:
Allocation Factor: .0000
Appraisal No:
Tax Code: N Non-Homestead

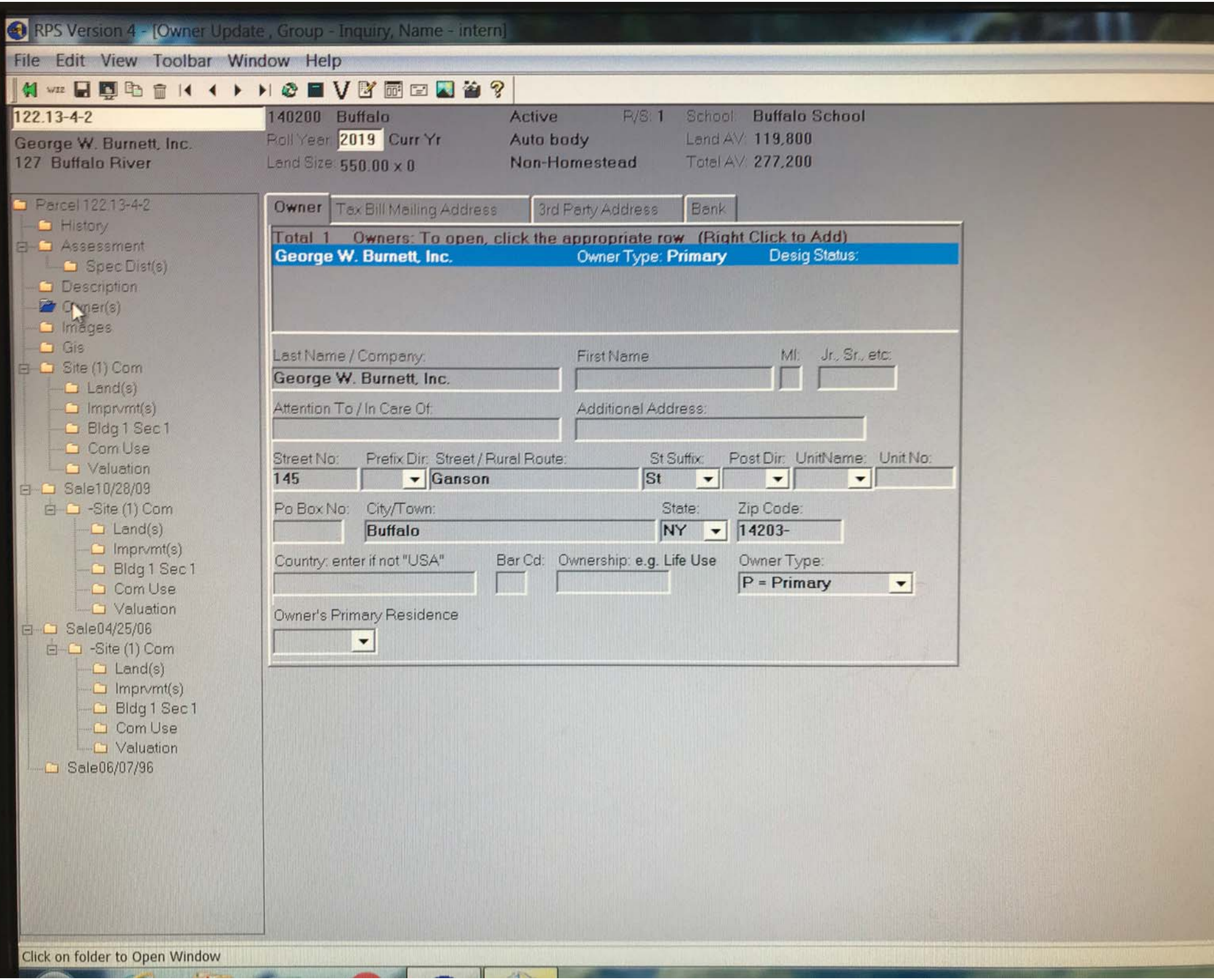
Desc 1: 88. N Sl Lot 49
Desc 2: 152.25 S 128.65 N
Desc 3: Irr Rear
Desc Print Code: P = Print on Roll & Bill
Land Com Code:
Land Com Year:
Ag District: Ag Dist No:
Arrears: SSI Recipient:
Date Last Phy Insp: 12/01/2002
Company Code 0 Co 0
Company Apport .0000 Loc:

Run RPS440 Edits: Major Type B

Total 8 Roll Years:

Roll Yr	Prop Class	Roll Section	Owner Code	Tax Code
2019	Auto body	Taxable		Non-Homestead
2018	Auto body	Taxable		Non-Homestead

Click on folder to Open Window


RPS Version 4 - [Owner Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.13-4-2
140200 Buffalo
Active
P/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year: 2019 Curr Yr
Auto body
Land AV: 119,800
127 Buffalo River
Land Size: 550.00 x 0
Non-Homestead
Total AV: 277,200
Parcel 122.13-4-2
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale04/25/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale06/07/96
Owner
Tax Bill Mailing Address
3rd Party Address
Bank
Total 1 Owners: To open, click the appropriate row (Right Click to Add)
George W. Burnett, Inc. Owner Type: Primary Desig Status:
Last Name / Company:
George W. Burnett, Inc.
First Name
MI:
Jr., Sr., etc:
Attention To / In Care Of:
Additional Address:
Street No:
145
Prefix Dir:
Street / Rural Route:
Ganson
St Suffix:
St
Post Dir:
UnitName:
Unit No:
Po Box No:
City/Town:
Buffalo
State:
NY
Zip Code:
14203-
Country: enter if not "USA"
Bar Cd:
Ownership: e.g. Life Use
Owner Type:
P = Primary
Owner's Primary Residence
Click on folder to Open Window

RPS Version 4 - [Commercial Site Update , Group - Inquiry, Name - intern]

File Edit View Toolbar Window Help

122.13-4-2 | 140200 Buffalo | Active | P/S: 1 | School: Buffalo School

George W. Burnett, Inc. | Roll Year: 2019 Curr Yr | Auto body | Land AV: 119,800

127 Buffalo River | Land Size: 550.00 x 0 | Non-Homestead | Total AV: 277,200

- Parcel 122.13-4-2
  - History
  - Assessment
    - Spec Dist(s)
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Com
    - Land(s)
    - Imprvmt(s)
    - Bldg 1 Sec 1
    - Com Use
    - Valuation
  - Sale10/28/09
    - -Site (1) Com
      - Land(s)
      - Imprvmt(s)
      - Bldg 1 Sec 1
      - Com Use
      - Valuation
  - Sale04/25/06
    - -Site (1) Com
      - Land(s)
      - Imprvmt(s)
      - Bldg 1 Sec 1
      - Com Use
      - Valuation
  - Sale06/07/96

Site No: 1 Com

Property Class: 433 Auto body

Used - As Cd: G03 Body shop

Route No: 000000576

Nbhd Code: 8400

Valuation Dist: 8

Sewer Type: 3 Comm/public

Water Supply: 3 Comm/public

Utilities: 4 Gas & elec

Overall Desire: 4 Good

Overall Cond: 3 Normal

Overall Grade: C Average

DC Entry Type:

Zoning Code: D-IL Emp-Light In

Run RPS440 Edits: ☑

Overall Eff Yr Blt: 1973

Laser Disk No:

Data Mailer: ☐

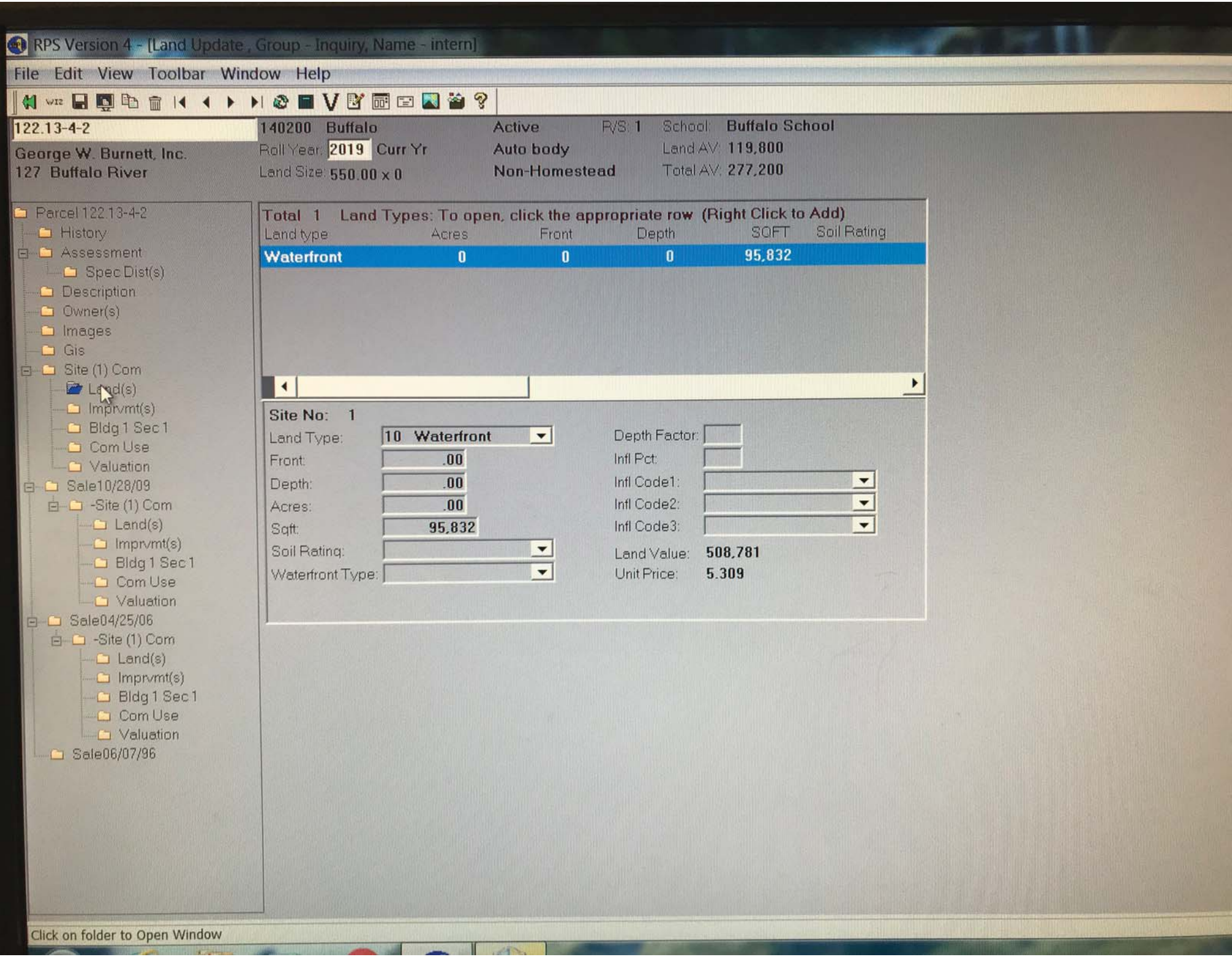
Date of Reappraisal: 05/23/2018

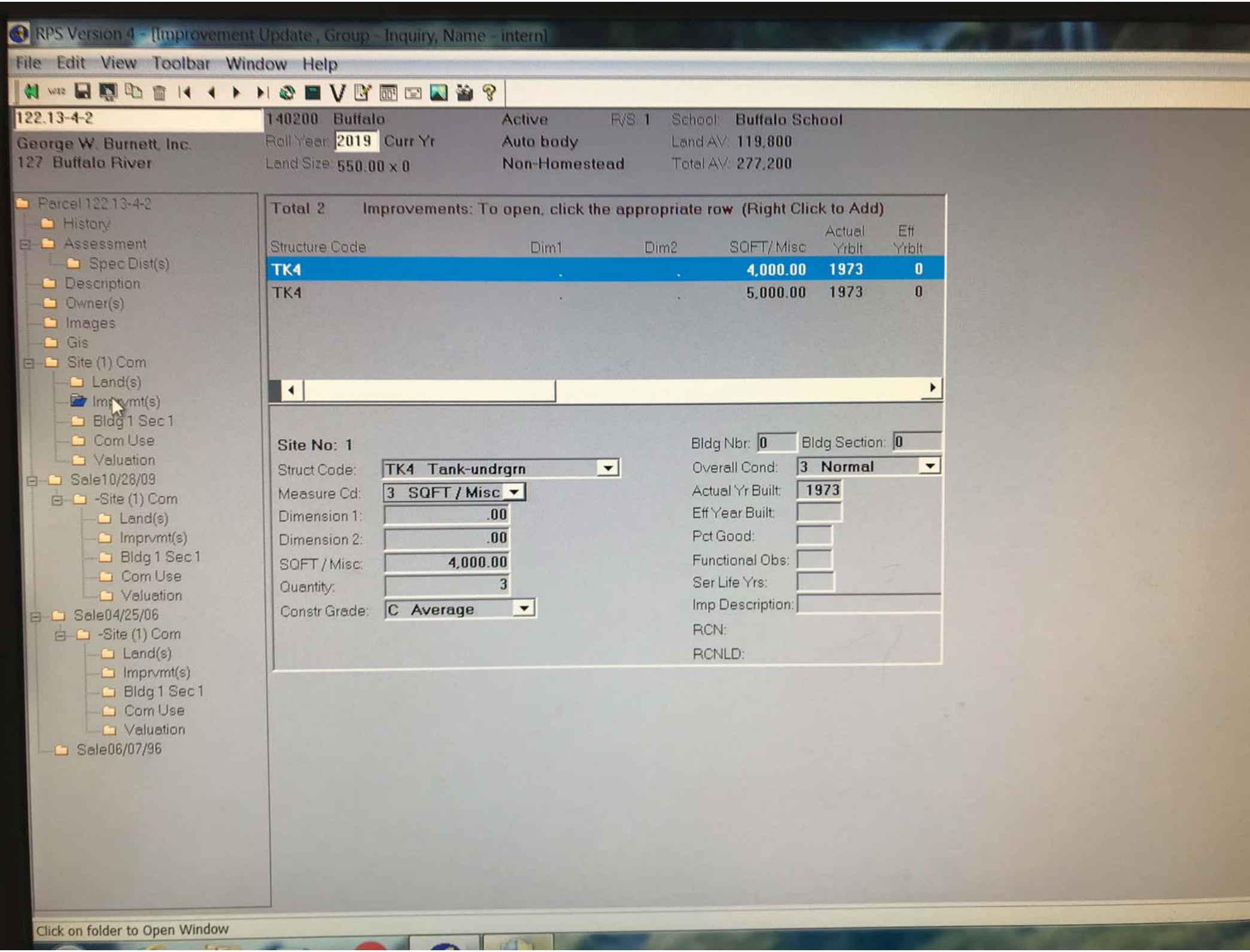
Economic Obs:

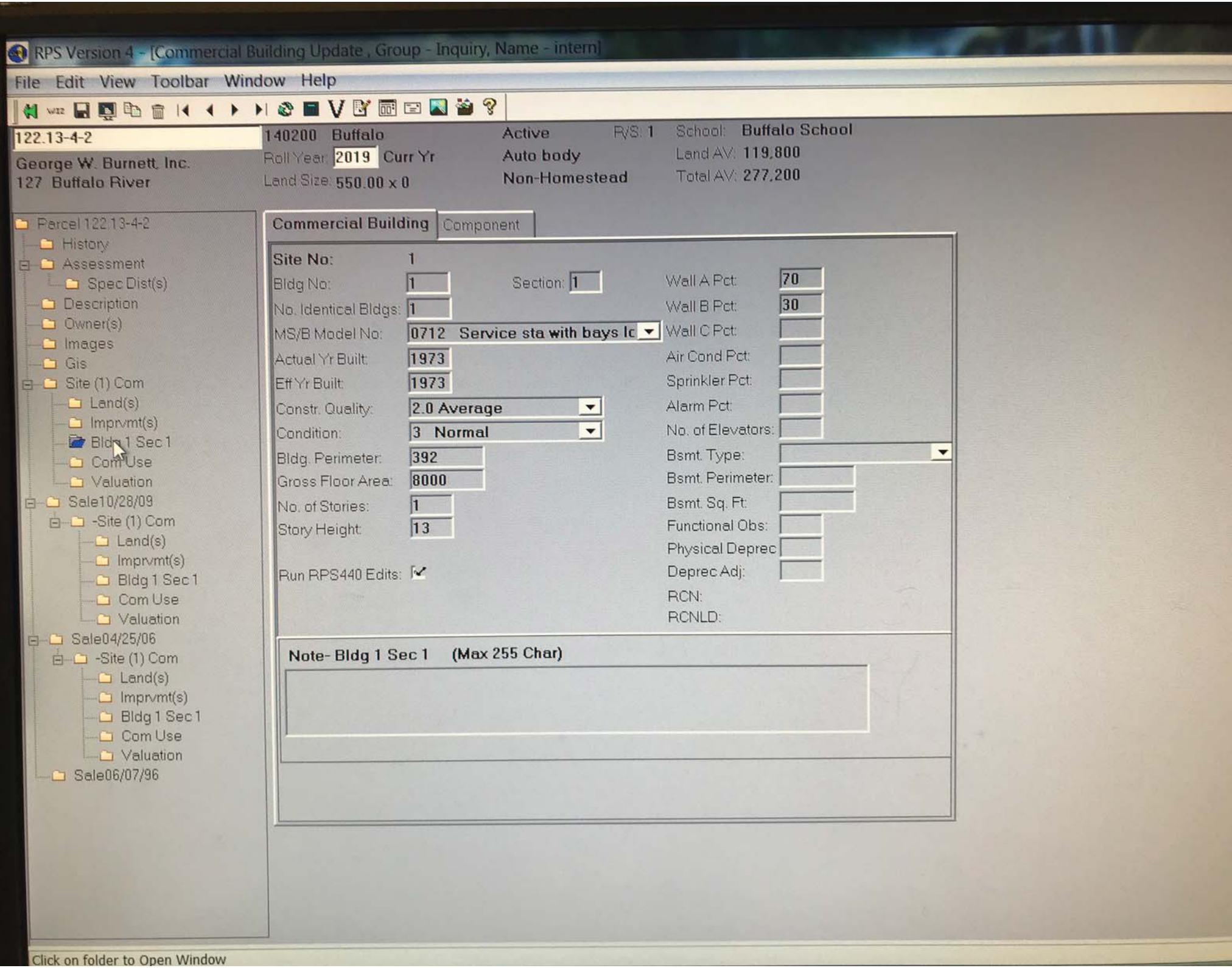
Site Values

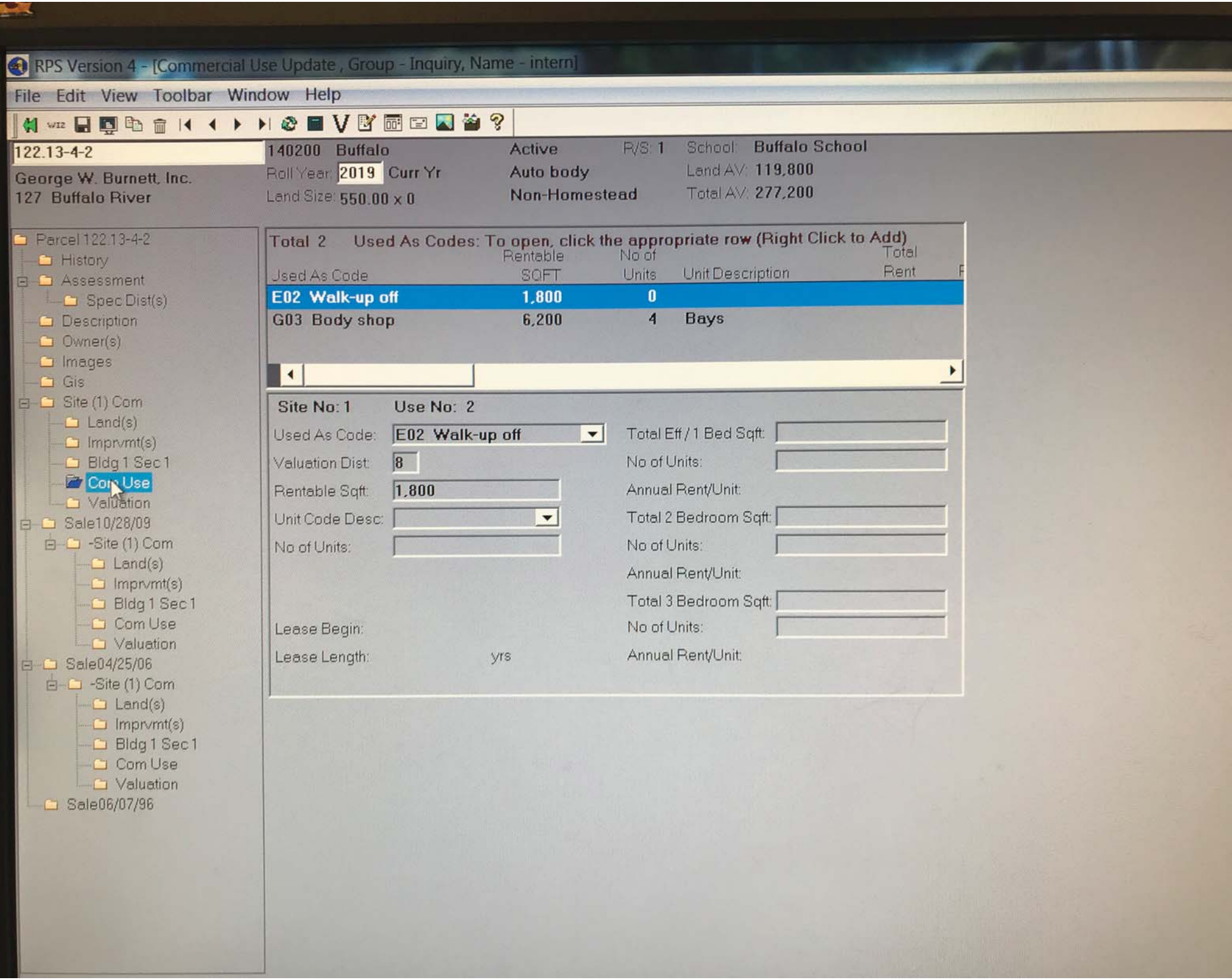
Replacement Cost (RCN):	0
RCN Less Depreciation:	0
Cost Land Estimate:	508,800
Cost Total Estimate:	0
Total Estimate:	0
Excess Value:	508,781
Final Site Land:	508,800
Final Site Total:	0

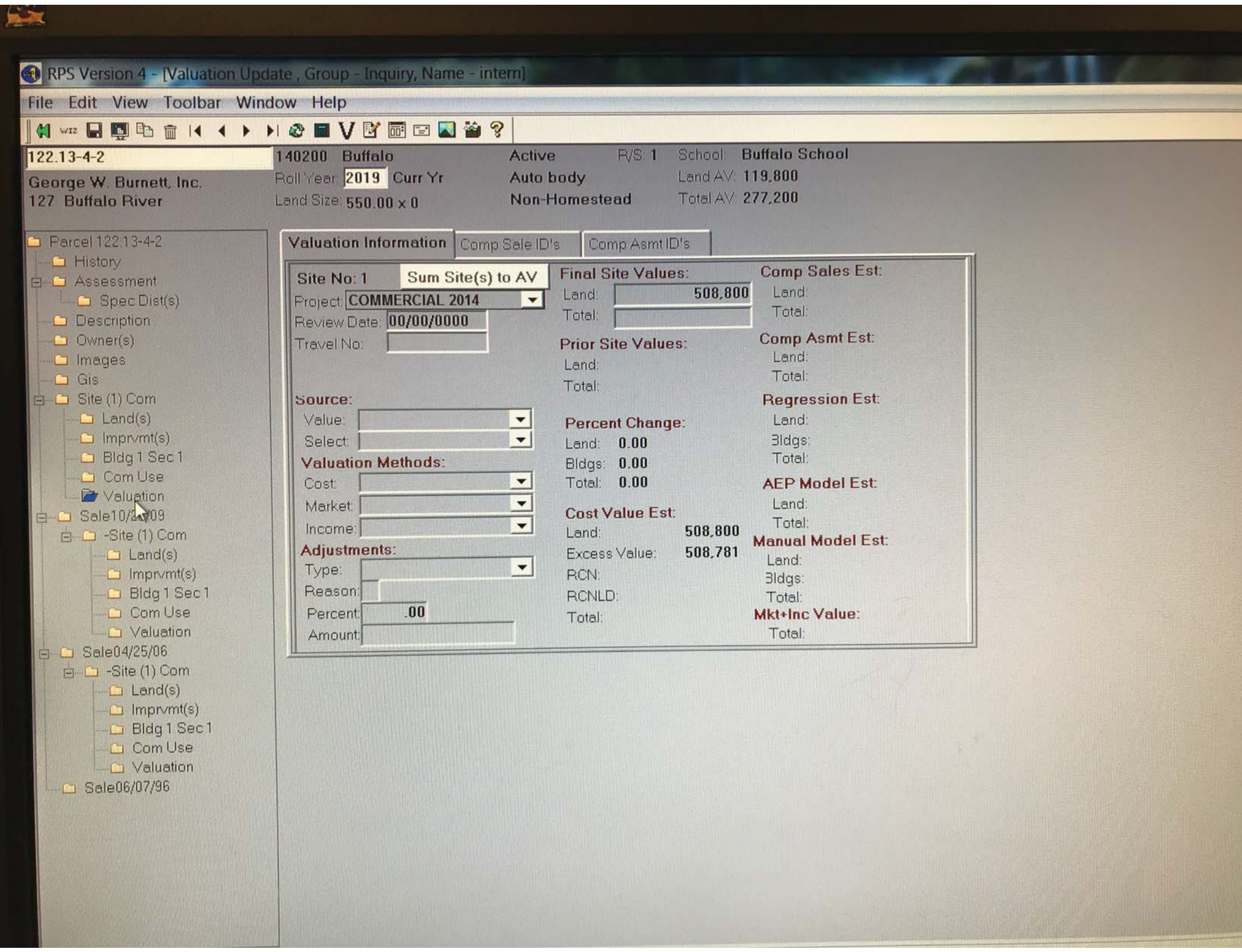
Click on folder to Open Window

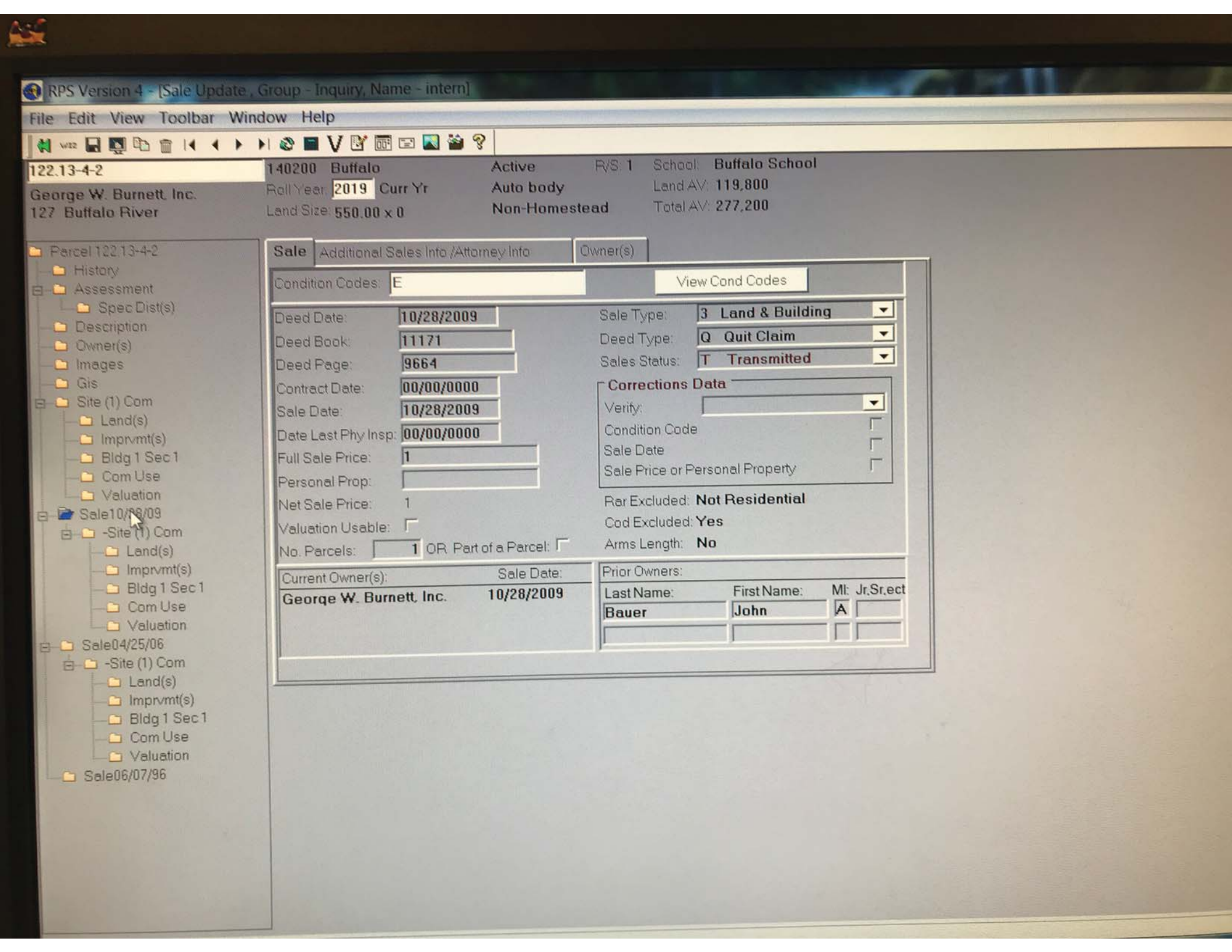

RPS Version 4 - [Land Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.13-4-2
George W. Burnett, Inc.
127 Buffalo River
140200 Buffalo
Roll Year: 2019 Curr Yr
Land Size: 550.00 x 0
Active
Auto body
Non-Homestead
R/S: 1
School: Buffalo School
Land AV: 119,800
Total AV: 277,200
Parcel 122.13-4-2
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale04/25/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale06/07/96
Total 1 Land Types: To open, click the appropriate row (Right Click to Add)
Land type Acres Front Depth SQFT Soil Rating
Waterfront 0 0 0 95,832
Site No: 1
Land Type: 10 Waterfront
Front: .00
Depth: .00
Acres: .00
Sqft: 95,832
Soil Rating:
Waterfront Type:
Depth Factor:
Infl Pct:
Infl Code1:
Infl Code2:
Infl Code3:
Land Value: 508,781
Unit Price: 5.309
Click on folder to Open Window


RPS Version 4 - [Improvement Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.13-4-2
140200 Buffalo
Active
R/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year: 2019 Curr Yr
Auto body
Land AV: 119,800
127 Buffalo River
Land Size: 550.00 x 0
Non-Homestead
Total AV: 277,200
Parcel 122.13-4-2
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale04/25/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale06/07/96
Total 2 Improvements: To open, click the appropriate row (Right Click to Add)
Structure Code
Dim1
Dim2
SQFT/Misc
Actual Yrblt
Eff Yrblt
TK4 4,000.00 1973 0
TK4 5,000.00 1973 0
Site No: 1
Struct Code: TK4 Tank-undrgrn
Measure Cd: 3 SQFT / Misc
Dimension 1: .00
Dimension 2: .00
SQFT / Misc: 4,000.00
Quantity: 3
Constr Grade: C Average
Bldg Nbr: 0
Bldg Section: 0
Overall Cond: 3 Normal
Actual Yr Built: 1973
Eff Year Built:
Pct Good:
Functional Obs:
Ser Life Yrs:
Imp Description:
RCN:
RCNLD:
Click on folder to Open Window


RPS Version 4 - [Commercial Building Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.13-4-2
George W. Burnett, Inc.
127 Buffalo River
140200 Buffalo
Roll Year: 2019 Curr Yr
Land Size: 550.00 x 0
Active
Auto body
Non-Homestead
R/S: 1
School: Buffalo School
Land AV: 119,800
Total AV: 277,200
Parcel 122.13-4-2
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale04/25/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale06/07/96
Commercial Building
Component
Site No: 1
Bldg No: 1
Section: 1
No. Identical Bldgs: 1
MS/B Model No: 0712 Service sta with bays lc
Actual Yr Built: 1973
Eff Yr Built: 1973
Constr. Quality: 2.0 Average
Condition: 3 Normal
Bldg. Perimeter: 392
Gross Floor Area: 8000
No. of Stories: 1
Story Height: 13
Run RPS440 Edits:
Wall A Pct: 70
Wall B Pct: 30
Wall C Pct:
Air Cond Pct:
Sprinkler Pct:
Alarm Pct:
No. of Elevators:
Bsmt. Type:
Bsmt. Perimeter:
Bsmt. Sq. Ft:
Functional Obs:
Physical Deprec
Deprec Adj:
RCN:
RCNLD:
Note- Bldg 1 Sec 1 (Max 255 Char)
Click on folder to Open Window


RPS Version 4 - [Commercial Use Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.13-4-2
George W. Burnett, Inc.
127 Buffalo River
140200 Buffalo
Roll Year: 2019 Curr Yr
Land Size: 550.00 x 0
Active
Auto body
Non-Homestead
R/S: 1
School: Buffalo School
Land AV: 119,800
Total AV: 277,200
Parcel 122.13-4-2
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale04/25/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale06/07/96
Total 2 Used As Codes: To open, click the appropriate row (Right Click to Add)
Jsed As Code
Rentable SQFT
No of Units
Unit Description
Total Rent
E02 Walk-up off 1,800 0
G03 Body shop 6,200 4 Bays
Site No: 1 Use No: 2
Used As Code: E02 Walk-up off
Valuation Dist: 8
Rentable Sqft: 1,800
Unit Code Desc:
No of Units:
Lease Begin:
Lease Length: yrs
Total Eff / 1 Bed Sqft:
No of Units:
Annual Rent/Unit:
Total 2 Bedroom Sqft:
No of Units:
Annual Rent/Unit:
Total 3 Bedroom Sqft:
No of Units:
Annual Rent/Unit:


RPS Version 4 - [Valuation Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.13-4-2
140200 Buffalo
Active
P/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year: 2019 Curr Yr
Auto body
Land AV: 119,800
127 Buffalo River
Land Size: 550.00 x 0
Non-Homestead
Total AV: 277,200
Parcel 122.13-4-2
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale10/2[illegible]09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale04/25/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale06/07/96
Valuation Information
Comp Sale ID's
Comp Asmt ID's
Site No: 1
Sum Site(s) to AV
Project: COMMERCIAL 2014
Review Date: 00/00/0000
Travel No:
Source:
Value:
Select:
Valuation Methods:
Cost:
Market:
Income:
Adjustments:
Type:
Reason:
Percent: .00
Amount:
Final Site Values:
Land: 508,800
Total:
Prior Site Values:
Land:
Total:
Percent Change:
Land: 0.00
Bldgs: 0.00
Total: 0.00
Cost Value Est:
Land: 508,800
Excess Value: 508,781
RCN:
RCNLD:
Total:
Comp Sales Est:
Land:
Total:
Comp Asmt Est:
Land:
Total:
Regression Est:
Land:
Bldgs:
Total:
AEP Model Est:
Land:
Total:
Manual Model Est:
Land:
Bldgs:
Total:
Mkt+Inc Value:
Total:


RPS Version 4 - [Sale Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.13-4-2
140200 Buffalo
Active
R/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year: 2019 Curr Yr
Auto body
Land AV: 119,800
127 Buffalo River
Land Size: 550.00 x 0
Non-Homestead
Total AV: 277,200
Parcel 122.13-4-2
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale04/25/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale06/07/96
Sale
Additional Sales Info /Attorney Info
Owner(s)
Condition Codes: E
View Cond Codes
Deed Date: 10/28/2009
Deed Book: 11171
Deed Page: 9664
Contract Date: 00/00/0000
Sale Date: 10/28/2009
Date Last Phy Insp: 00/00/0000
Full Sale Price: 1
Personal Prop:
Net Sale Price: 1
Valuation Usable:
No. Parcels: 1 OR Part of a Parcel:
Sale Type: 3 Land & Building
Deed Type: Q Quit Claim
Sales Status: T Transmitted
Corrections Data
Verify:
Condition Code
Sale Date
Sale Price or Personal Property
Rar Excluded: Not Residential
Cod Excluded: Yes
Arms Length: No
Current Owner(s): Sale Date:
George W. Burnett, Inc. 10/28/2009
Prior Owners:
Last Name: First Name: MI: Jr.Sr.ect
Bauer John A

RPS Version 4 - [Sale Update , Group - Inquiry, Name - intern]

File Edit View Toolbar Window Help

122.13-4-2 | 140200 Buffalo | Active | R/S: 1 | School: Buffalo School

George W. Burnett, Inc. | Roll Year: 2019 Curr Yr | Auto body | Land AV: 119,800

127 Buffalo River | Land Size: 550.00 x 0 | Non-Homestead | Total AV: 277,200

- Parcel 122.13-4-2
  - History
  - Assessment
    - Spec Dist(s)
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Com
    - Land(s)
    - Imprvmt(s)
    - Bldg 1 Sec 1
    - Com Use
    - Valuation
  - Sale10/28/09
    - -Site (1) Com
      - Land(s)
      - Imprvmt(s)
      - Bldg 1 Sec 1
      - Com Use
      - Valuation
  - Sale04/25/06
    - -Site (1) Com
      - Land(s)
      - Imprvmt(s)
      - Bldg 1 Sec 1
      - Com Use
      - Valuation
  - Sale06/07/96

Sale | Additional Sales Info /Attorney Info | Owner(s)

Additional Sale Information:

Transmittal Date: 2/10/2010

TOS Prop Class: 433 Own Cd:

TOS Land A/V: 119,800

TOS Total A/V: 277,200

TOS School: 140200

Corrected Book:

Corrected Page:

Additional SWIS:

Additional Parcels Associated with Sale:

SWIS | Parcel ID | Add Parcel

Acres	FF	Depth	SQFT
0	550.00	0	0

Check the boxes below that apply (Only if part of parcel):

- 4A. Planning board/subdivision authority
- 4B. Subdivision approval required for transfer
- 4C. Parcel approved subdivision map provided

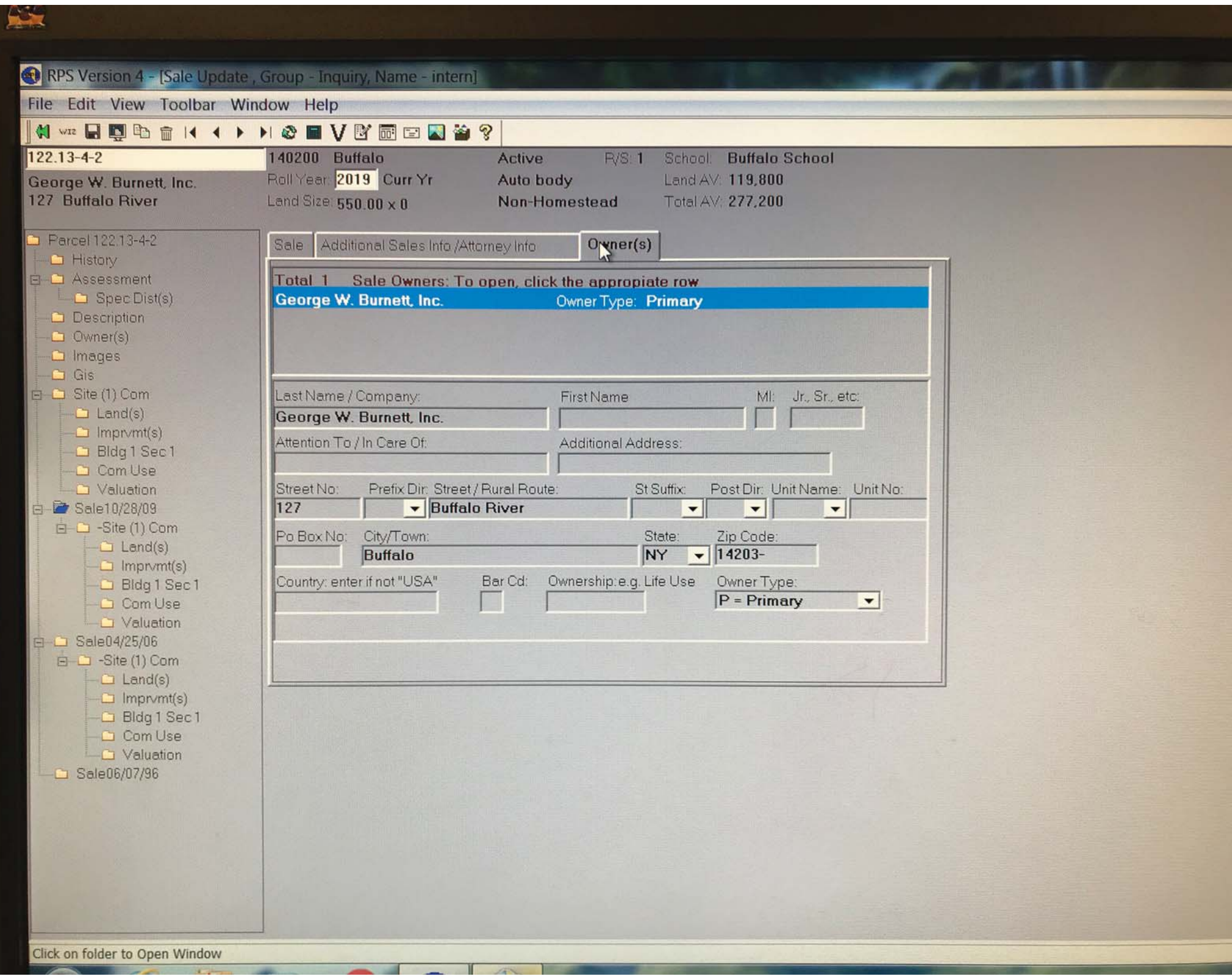
Check the boxes below that apply:

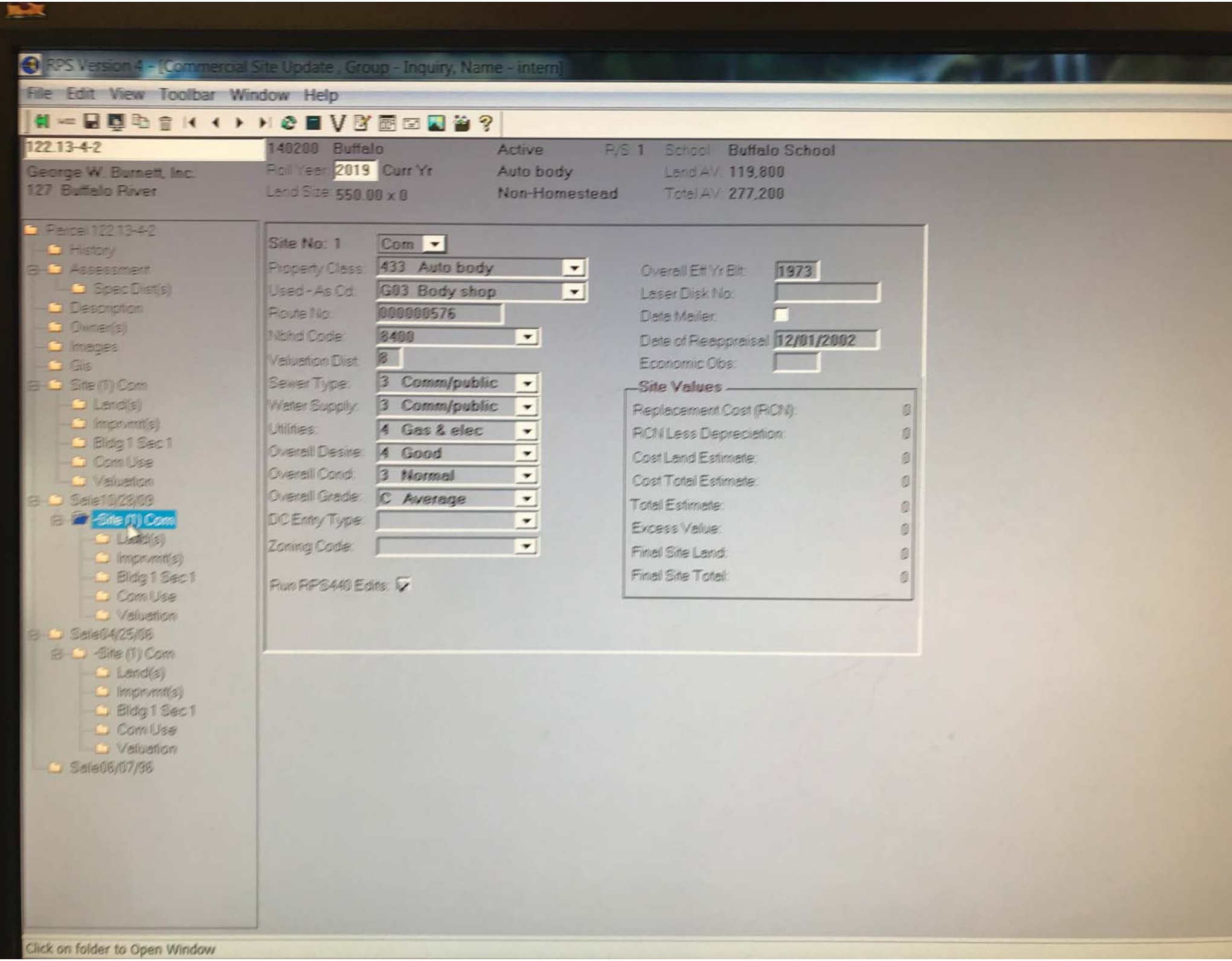
- Ownership type is condominium
- New construction on vacant land
- Property located within agricultural district
- Buyer received agricultural district disclosure

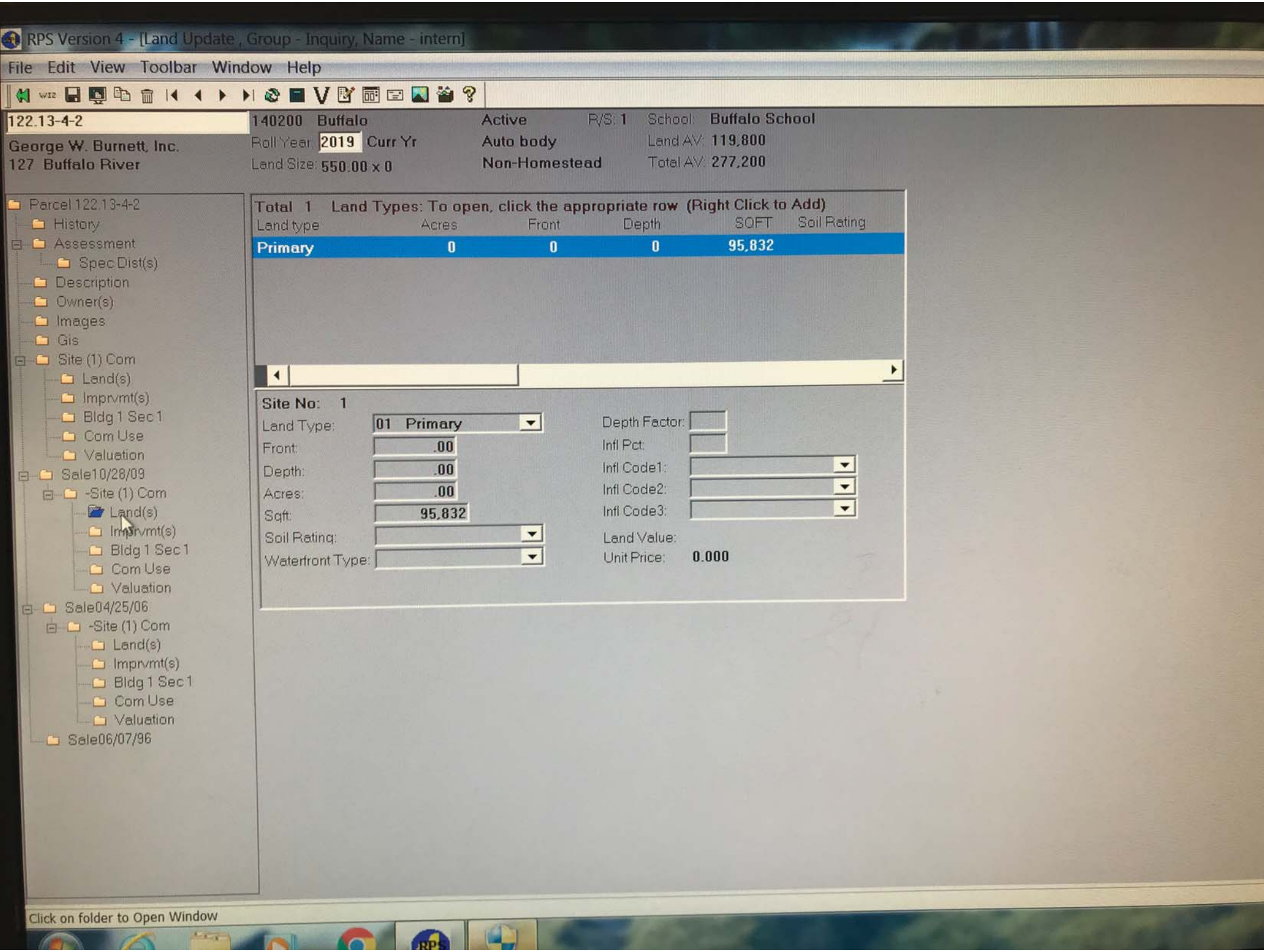
Attorney Information:

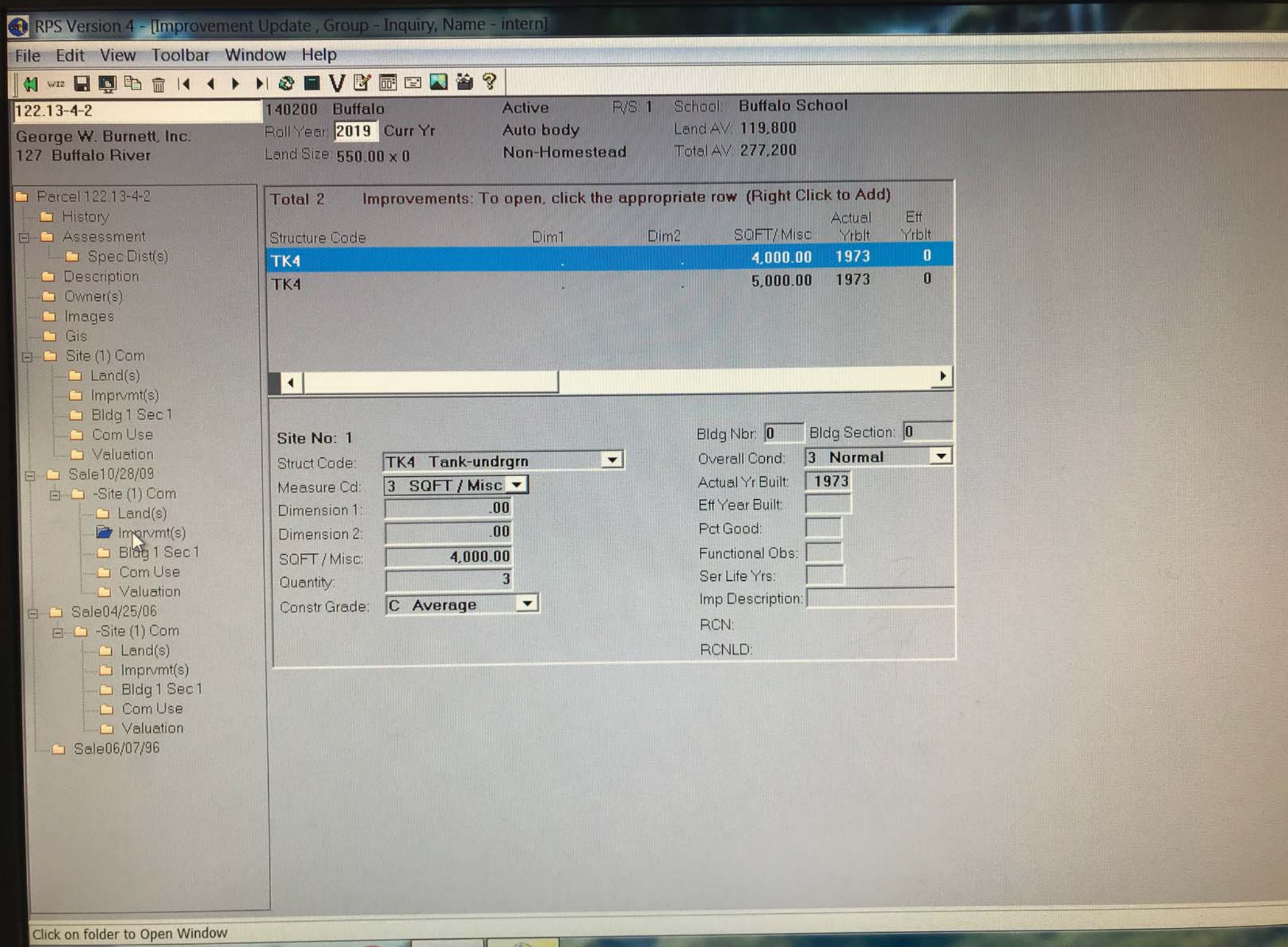
Attorney First Name:	Attorney Last Name:	Attorney Phone No:
Robert L	Bencini	(716) 855-1111

Click on folder to Open Window


RPS Version 4 - [Sale Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.13-4-2
140200 Buffalo
Active
R/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year: 2019 Curr Yr
Auto body
Land AV: 119,800
127 Buffalo River
Land Size: 550.00 x 0
Non-Homestead
Total AV: 277,200
Parcel 122.13-4-2
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale04/25/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale06/07/96
Sale
Additional Sales Info /Attorney Info
Owner(s)
Total 1 Sale Owners: To open, click the appropiate row
George W. Burnett, Inc. Owner Type: Primary
Last Name / Company:
First Name
MI:
Jr., Sr., etc:
George W. Burnett, Inc.
Attention To / In Care Of:
Additional Address:
Street No:
Prefix Dir:
Street / Rural Route:
St Suffix:
Post Dir:
Unit Name:
Unit No:
127
Buffalo River
Po Box No:
City/Town:
State:
Zip Code:
Buffalo
NY
14203-
Country: enter if not "USA"
Bar Cd:
Ownership:e.g. Life Use
Owner Type:
P = Primary
Click on folder to Open Window


RPS Version 4 - [Commercial Site Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.13-4-2
George W. Burnett, Inc.
127 Buffalo River
140200 Buffalo
Active
R/S 1
School Buffalo School
Roll Year 2019 Curr Yr
Auto body
Land AV 119,800
Land Size 550.00 x 0
Non-Homestead
Total AV 277,200
Parcel 122.13-4-2
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale10/23/03
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale04/25/06
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale06/07/96
Site No: 1
Com
Property Class: 433 Auto body
Used - As Cd: G03 Body shop
Route No: 000000576
Nbhd Code: 8400
Valuation Dist: 8
Sewer Type: 3 Comm/public
Water Supply: 3 Comm/public
Utilities: 4 Gas & elec
Overall Desire: 4 Good
Overall Cond: 3 Normal
Overall Grade: C Average
DC Entry Type:
Zoning Code:
Run RPS440 Edits:
Overall Eff Yr Blt: 1973
Laser Disk No:
Data Mailer:
Date of Reappraisal 12/01/2002
Economic Obs:
Site Values
Replacement Cost (RCN): 0
RCN Less Depreciation: 0
Cost Land Estimate: 0
Cost Total Estimate: 0
Total Estimate: 0
Excess Value: 0
Final Site Land: 0
Final Site Total: 0
Click on folder to Open Window


RPS Version 4 - [Land Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.13-4-2
140200 Buffalo
Active
R/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year 2019 Curr Yr
Auto body
Land AV: 119,800
127 Buffalo River
Land Size: 550.00 x 0
Non-Homestead
Total AV: 277,200
Parcel 122.13-4-2
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale04/25/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale06/07/96
Total 1 Land Types: To open, click the appropriate row (Right Click to Add)
Land type Acres Front Depth SQFT Soil Rating
Primary 0 0 0 95,832
Site No: 1
Land Type: 01 Primary
Front: .00
Depth: .00
Acres: .00
Sqft: 95,832
Soil Rating:
Waterfront Type:
Depth Factor:
Infl Pct:
Infl Code1:
Infl Code2:
Infl Code3:
Land Value:
Unit Price: 0.000
Click on folder to Open Window


RPS Version 4 - [Improvement Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.13-4-2
140200 Buffalo
Active
R/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year: 2019 Curr Yr
Auto body
Land AV: 119,800
127 Buffalo River
Land Size: 550.00 x 0
Non-Homestead
Total AV: 277,200
Parcel 122.13-4-2
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale04/25/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale06/07/96
Total 2 Improvements: To open, click the appropriate row (Right Click to Add)
Structure Code Dim1 Dim2 SQFT/ Misc Actual Yrblt Eff Yrblt
TK4 4,000.00 1973 0
TK4 5,000.00 1973 0
Site No: 1
Struct Code: TK4 Tank-undrgrn
Measure Cd: 3 SQFT / Misc
Dimension 1: .00
Dimension 2: .00
SQFT / Misc: 4,000.00
Quantity: 3
Constr Grade: C Average
Bldg Nbr: 0
Bldg Section: 0
Overall Cond: 3 Normal
Actual Yr Built: 1973
Eff Year Built:
Pct Good:
Functional Obs:
Ser Life Yrs:
Imp Description:
RCN:
RCNLD:
Click on folder to Open Window

RPS Version 4 - [Commercial Building Update , Group - Inquiry, Name - intern]

File Edit View Toolbar Window Help

122.13-4-2 | 140200 Buffalo | Active | P/S: 1 | School: Buffalo School

George W. Burnett, Inc. | Roll Year: 2019 Curr Yr | Auto body | Land AV: 119,800

127 Buffalo River | Land Size: 550.00 x 0 | Non-Homestead | Total AV: 277,200

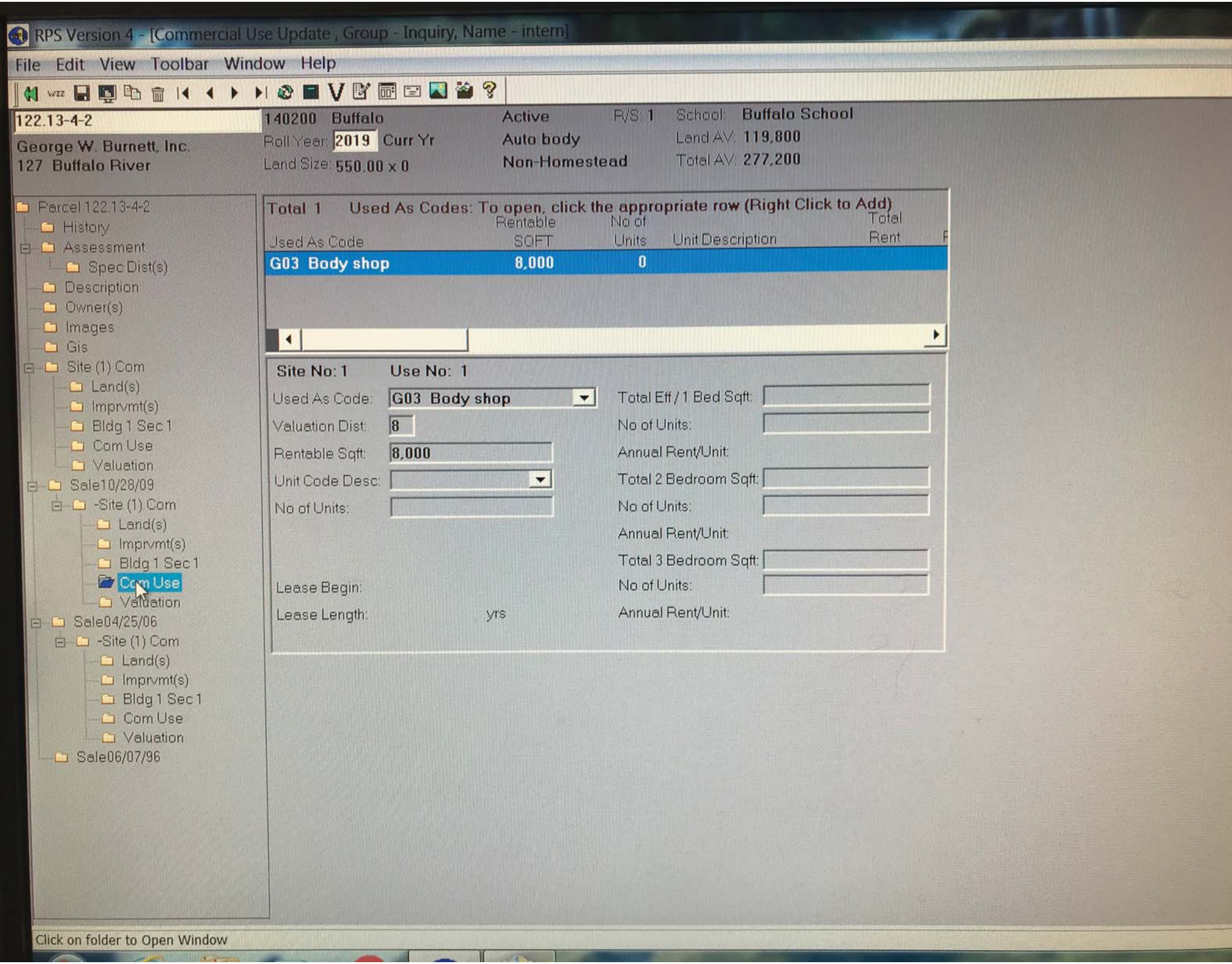
- Parcel 122.13-4-2
  - History
  - Assessment
    - Spec Dist(s)
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Com
    - Land(s)
    - Imprvmt(s)
    - Bldg 1 Sec 1
    - Com Use
    - Valuation
  - Sale10/28/09
    - -Site (1) Com
      - Land(s)
      - Imprvmt(s)
      - Bldg 1 Sec 1
      - Com Use
      - Valuation
  - Sale04/25/06
    - -Site (1) Com
      - Land(s)
      - Imprvmt(s)
      - Bldg 1 Sec 1
      - Com Use
      - Valuation
  - Sale06/07/96

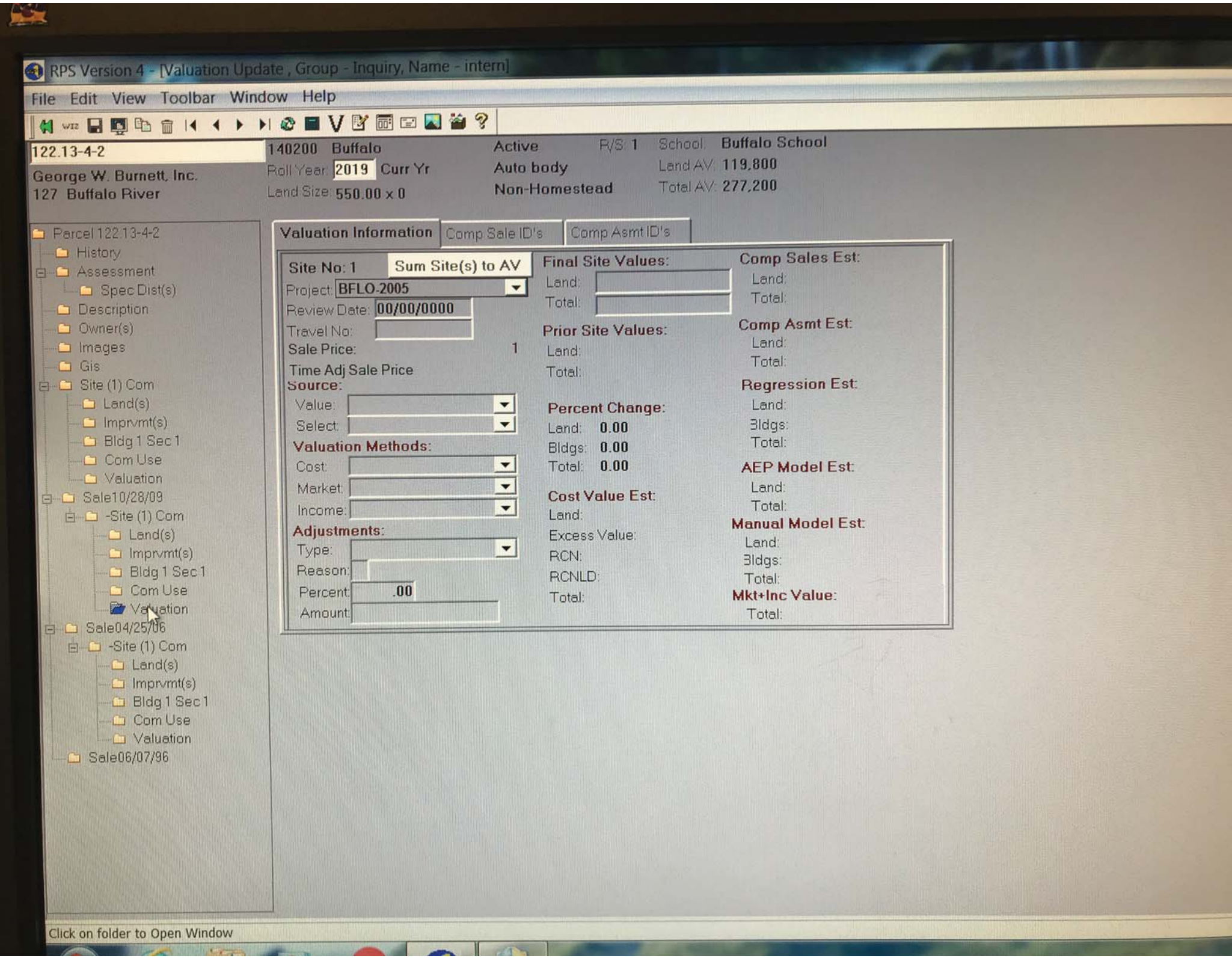
Commercial Building | Component

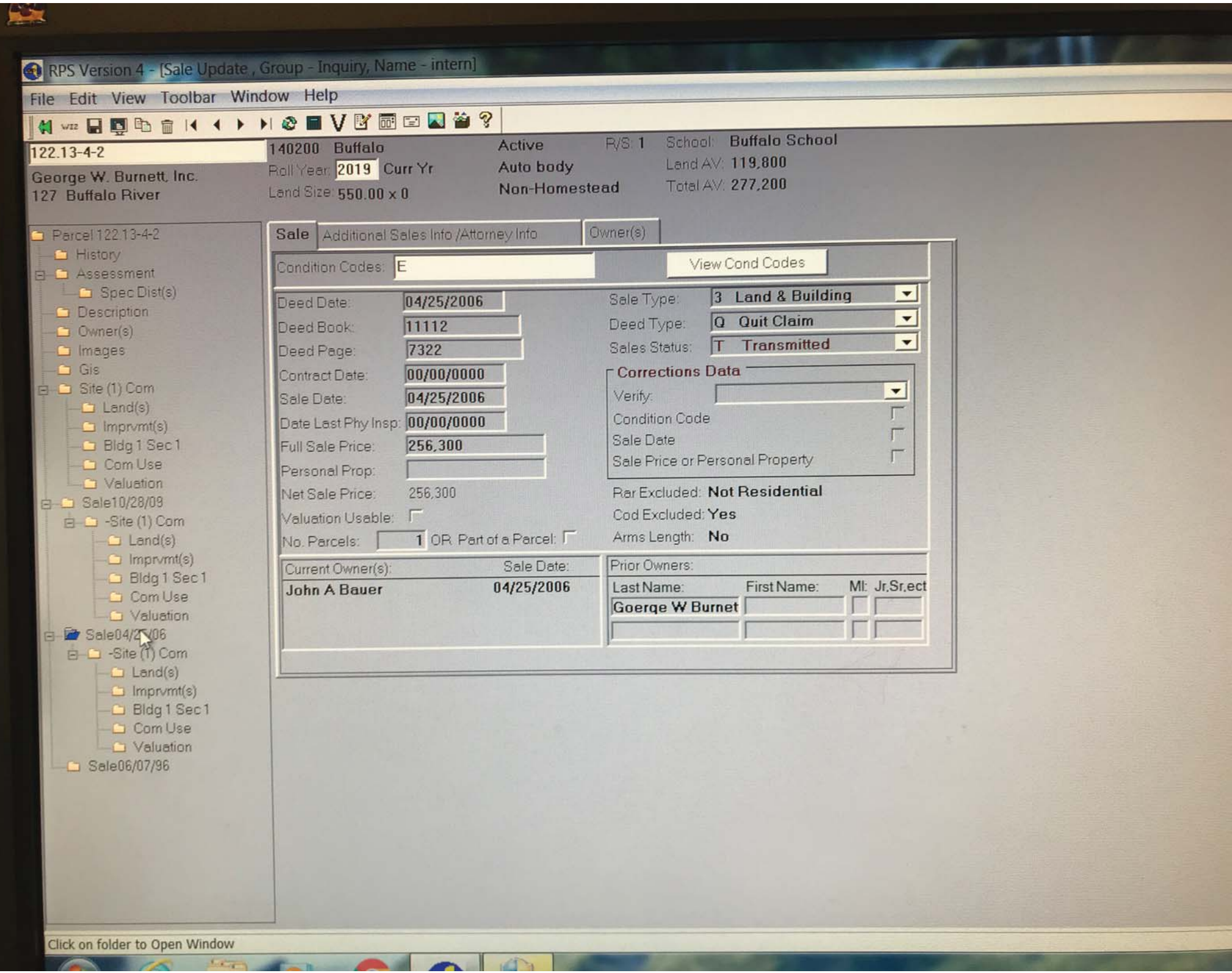
Site No:	1		
Bldg No:	1	Section: 1	Wall A Pct: 70
No. Identical Bldgs:	1		Wall B Pct: 30
MS/B Model No:	0712 Service sta with bays lc		Wall C Pct:
Actual Yr Built:	1973		Air Cond Pct:
Eff Yr Built:	1973		Sprinkler Pct:
Constr. Quality:	2.0 Average		Alarm Pct:
Condition:	3 Normal		No. of Elevators:
Bldg. Perimeter:	392		Bsmt. Type:
Gross Floor Area:	8000		Bsmt. Perimeter:
No. of Stories:	1		Bsmt. Sq. Ft:
Story Height:	13		Functional Obs:
			Physical Deprec
Run RPS440 Edits:	☑		Deprec Adj:
			RCN:
			RCNLD:

Note- Bldg 1 Sec 1 (Max 255 Char)

Click on folder to Open Window


RPS Version 4 - [Commercial Use Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.13-4-2
140200 Buffalo
Active
P/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year: 2019 Curr Yr
Auto body
Land AV: 119,800
127 Buffalo River
Land Size: 550.00 x 0
Non-Homestead
Total AV: 277,200
Parcel 122.13-4-2
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale04/25/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale06/07/96
Total 1 Used As Codes: To open, click the appropriate row (Right Click to Add)
Jsed As Code
Rentable SQFT
No of Units
Unit Description
Total Rent
G03 Body shop
8,000
0
Site No: 1
Use No: 1
Used As Code: G03 Body shop
Valuation Dist: 8
Rentable Sqft: 8,000
Unit Code Desc:
No of Units:
Lease Begin:
Lease Length:
yrs
Total Eff / 1 Bed Sqft:
No of Units:
Annual Rent/Unit:
Total 2 Bedroom Sqft:
No of Units:
Annual Rent/Unit:
Total 3 Bedroom Sqft:
No of Units:
Annual Rent/Unit:
Click on folder to Open Window


RPS Version 4 - [Valuation Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.13-4-2
140200 Buffalo
Active
R/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year: 2019 Curr Yr
Auto body
Land AV: 119,800
127 Buffalo River
Land Size: 550.00 x 0
Non-Homestead
Total AV: 277,200
Parcel 122.13-4-2
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale04/25/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale06/07/96
Valuation Information
Comp Sale ID's
Comp Asmt ID's
Site No: 1
Sum Site(s) to AV
Project: BFLO-2005
Review Date: 00/00/0000
Travel No:
Sale Price: 1
Time Adj Sale Price
Source:
Value:
Select:
Valuation Methods:
Cost:
Market:
Income:
Adjustments:
Type:
Reason:
Percent: .00
Amount:
Final Site Values:
Land:
Total:
Prior Site Values:
Land:
Total:
Percent Change:
Land: 0.00
Bldgs: 0.00
Total: 0.00
Cost Value Est:
Land:
Excess Value:
RCN:
RCNLD:
Total:
Comp Sales Est:
Land:
Total:
Comp Asmt Est:
Land:
Total:
Regression Est:
Land:
Bldgs:
Total:
AEP Model Est:
Land:
Total:
Manual Model Est:
Land:
Bldgs:
Total:
Mkt+Inc Value:
Total:
Click on folder to Open Window


RPS Version 4 - [Sale Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.13-4-2
George W. Burnett, Inc.
127 Buffalo River
140200 Buffalo
Roll Year: 2019 Curr Yr
Land Size: 550.00 x 0
Active
Auto body
Non-Homestead
R/S: 1
School: Buffalo School
Land AV: 119,800
Total AV: 277,200
Parcel 122.13-4-2
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale04/2 06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale06/07/96
Sale
Additional Sales Info /Attorney Info
Owner(s)
Condition Codes: E
View Cond Codes
Deed Date: 04/25/2006
Deed Book: 11112
Deed Page: 7322
Contract Date: 00/00/0000
Sale Date: 04/25/2006
Date Last Phy Insp: 00/00/0000
Full Sale Price: 256,300
Personal Prop:
Net Sale Price: 256,300
Valuation Usable:
No. Parcels: 1 OR Part of a Parcel:
Sale Type: 3 Land & Building
Deed Type: Q Quit Claim
Sales Status: T Transmitted
Corrections Data
Verify:
Condition Code
Sale Date
Sale Price or Personal Property
Rar Excluded: Not Residential
Cod Excluded: Yes
Arms Length: No
Current Owner(s): Sale Date:
John A Bauer 04/25/2006
Prior Owners:
Last Name: First Name: MI: Jr,Sr,ect
Goerge W Burnet
Click on folder to Open Window

RPS Version 4 - [Sale Update , Group - Inquiry, Name - intern]

File Edit View Toolbar Window Help

122.13-4-2 | 140200 Buffalo | Active | R/S: 1 | School: Buffalo School

George W. Burnett, Inc. | Roll Year: 2019 Curr Yr | Auto body | Land AV: 119,800

127 Buffalo River | Land Size: 550.00 x 0 | Non-Homestead | Total AV: 277,200

- Parcel 122.13-4-2
  - History
  - Assessment
    - Spec Dist(s)
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Com
    - Land(s)
    - Imprvmt(s)
    - Bldg 1 Sec 1
    - Com Use
    - Valuation
  - Sale10/28/09
    - -Site (1) Com
      - Land(s)
      - Imprvmt(s)
      - Bldg 1 Sec 1
      - Com Use
      - Valuation
  - Sale04/25/06
    - -Site (1) Com
      - Land(s)
      - Imprvmt(s)
      - Bldg 1 Sec 1
      - Com Use
      - Valuation
  - Sale06/07/96

Sale | Additional Sales Info /Attorney Info | Owner(s)

Additional Sale Information:

Transmittal Date: 8/25/2006

TOS Prop Class: 433 Own Cd:

TOS Land A/V: 119,800

TOS Total A/V: 277,200

TOS School: 140200

Corrected Book:

Corrected Page:

Additional SWIS:

Additional Parcels Associated with Sale:

SWIS | Parcel ID | Add Parcel

Acres	FF	Depth	SQFT
0	550.00	0	0

Check the boxes below that apply (Only if part of parcel):

4A. Planning board/subdivision authority

4B. Subdivision approval required for transfer

4C. Parcel approved subdivision map provided

Check the boxes below that apply:

Ownership type is condominium

New construction on vacant land

Property located within agricultural district

Buyer received agricultural district disclosure

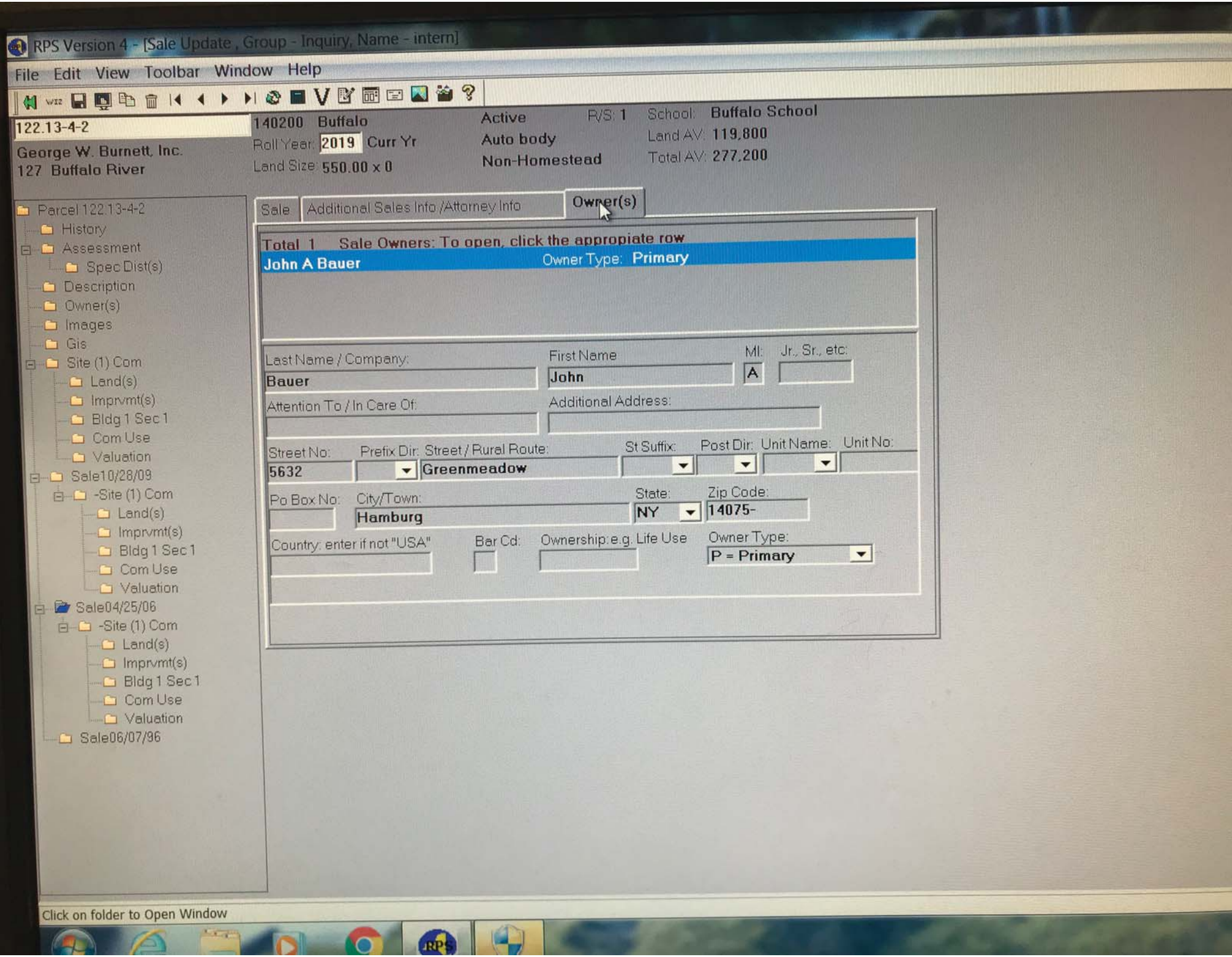
Attorney Information:

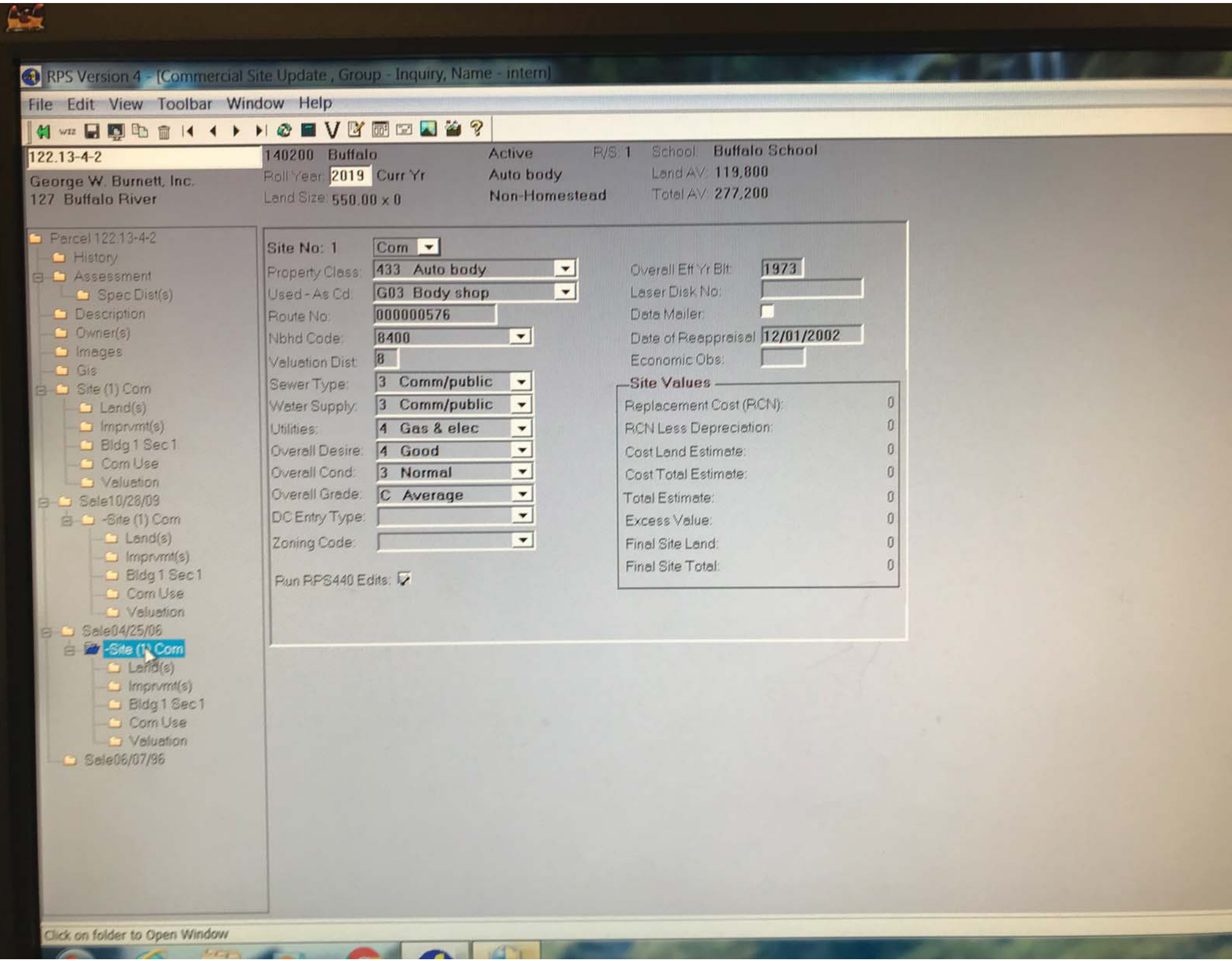
Attorney First Name: Robert L

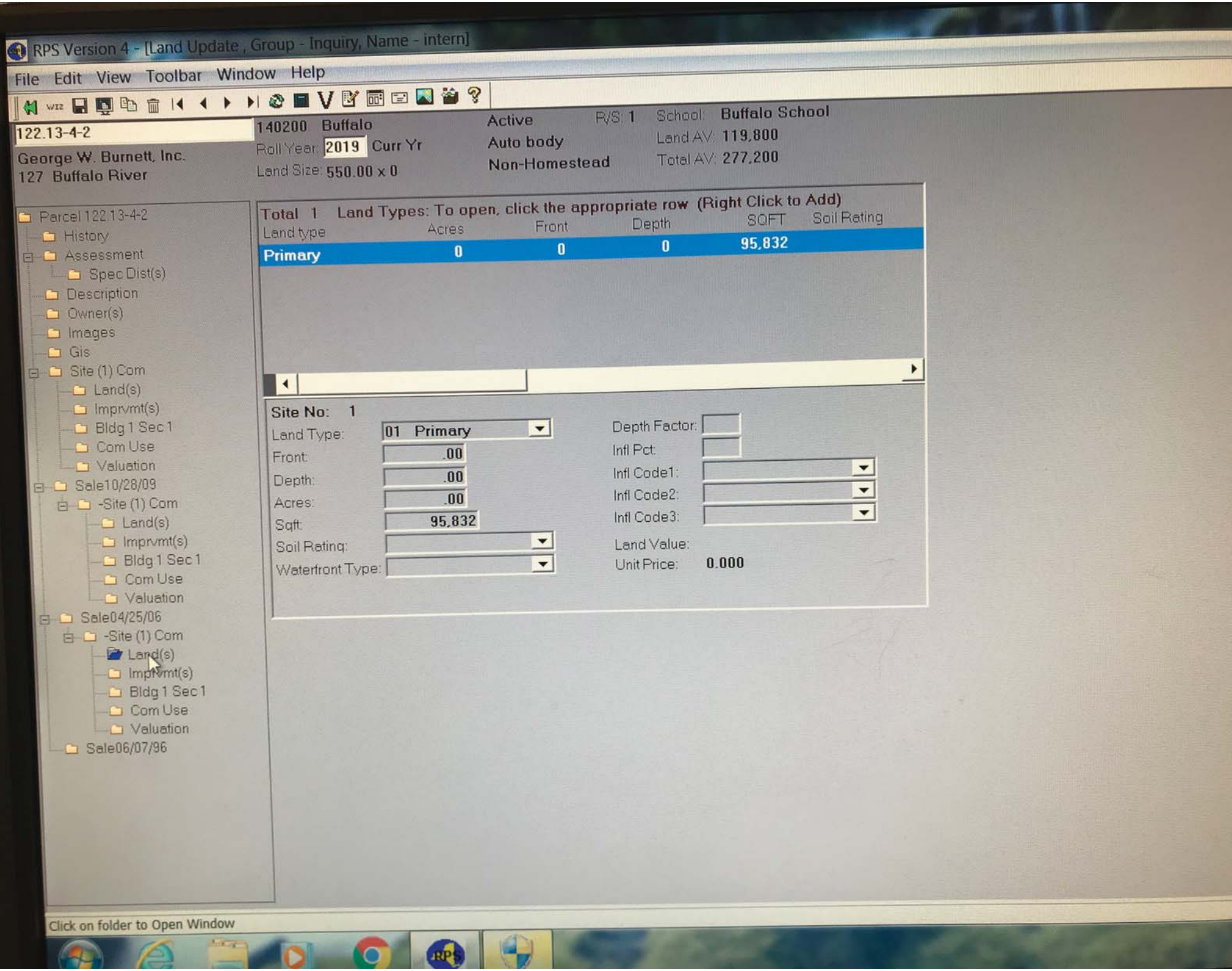
Attorney Last Name: Bencin

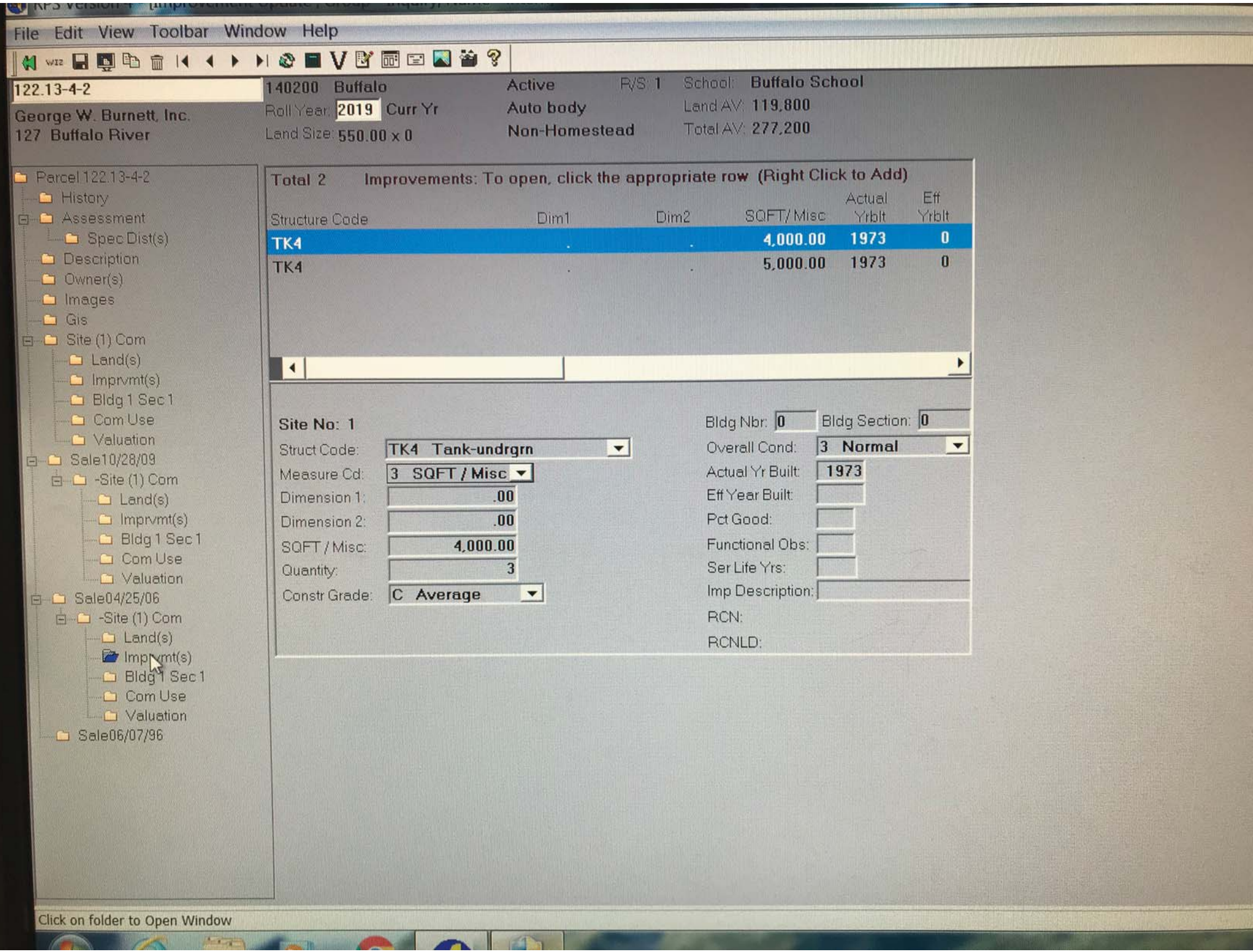
Attorney Phone No: (716) 855-1111

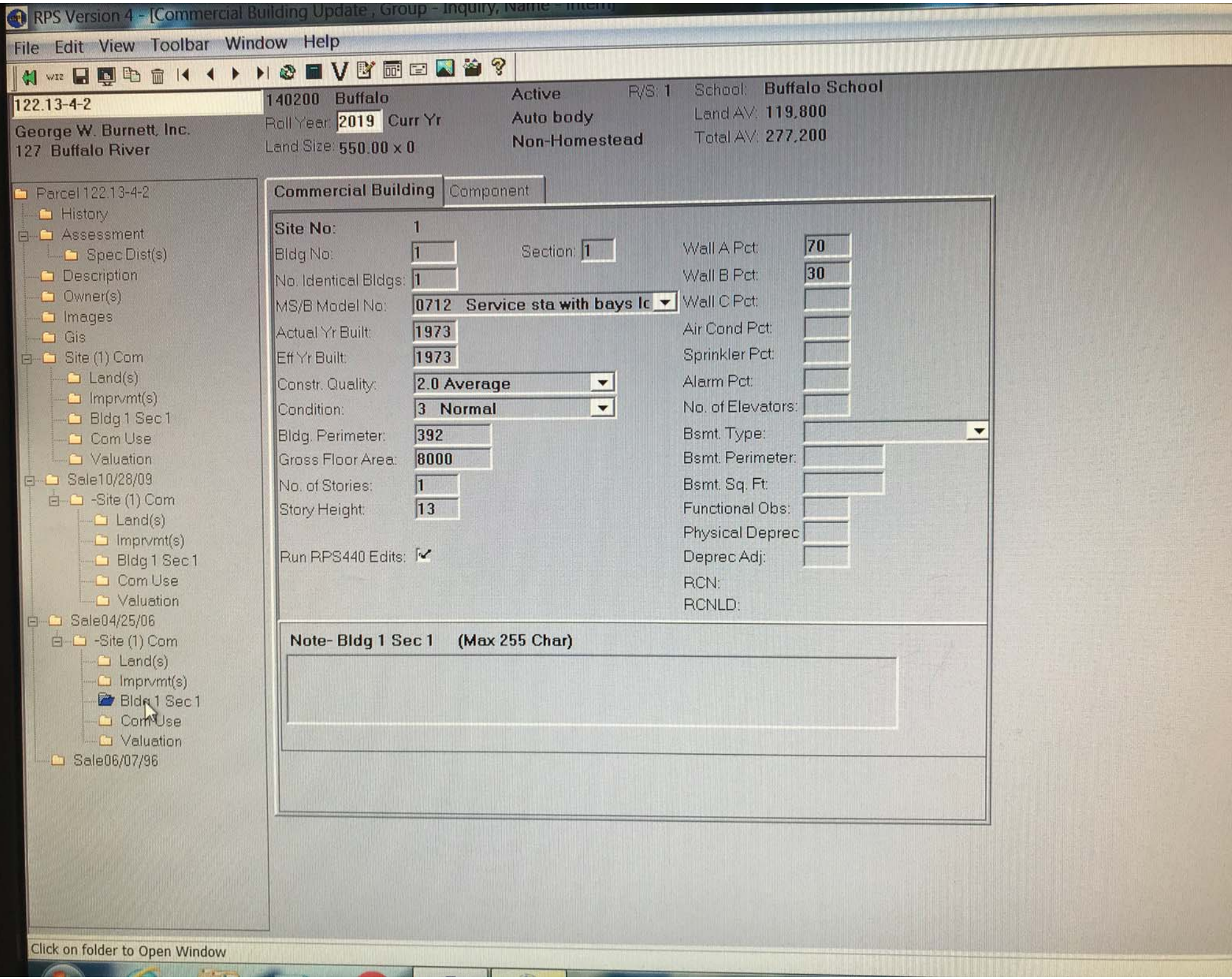
Click on folder to Open Window


RPS Version 4 - [Sale Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.13-4-2
George W. Burnett, Inc.
127 Buffalo River
140200 Buffalo
Roll Year: 2019 Curr Yr
Land Size: 550.00 x 0
Active
Auto body
Non-Homestead
R/S: 1
School: Buffalo School
Land AV: 119,800
Total AV: 277,200
Parcel 122.13-4-2
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale04/25/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale06/07/96
Sale
Additional Sales Info /Attorney Info
Owner(s)
Total 1 Sale Owners: To open, click the appropriate row
John A Bauer
Owner Type: Primary
Last Name / Company:
Bauer
First Name
John
MI:
A
Jr., Sr., etc:
Attention To / In Care Of:
Additional Address:
Street No:
5632
Prefix Dir:
Street / Rural Route:
Greenmeadow
St Suffix:
Post Dir:
Unit Name:
Unit No:
Po Box No:
City/Town:
Hamburg
State:
NY
Zip Code:
14075-
Country: enter if not "USA"
Bar Cd:
Ownership: e.g. Life Use
Owner Type:
P = Primary
Click on folder to Open Window


RPS Version 4 - [Commercial Site Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.13-4-2
140200 Buffalo
Active
R/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year: 2019 Curr Yr
Auto body
Land AV: 119,800
127 Buffalo River
Land Size: 550.00 x 0
Non-Homestead
Total AV: 277,200
Parcel 122.13-4-2
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale04/25/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale06/07/96
Site No: 1
Com
Property Class:
433 Auto body
Used - As Cd:
G03 Body shop
Route No:
000000576
Nbhd Code:
8400
Valuation Dist:
8
Sewer Type:
3 Comm/public
Water Supply:
3 Comm/public
Utilities:
4 Gas & elec
Overall Desire:
4 Good
Overall Cond:
3 Normal
Overall Grade:
C Average
DC Entry Type:
Zoning Code:
Run RPS440 Edits:
Overall Eff Yr Blt:
1973
Laser Disk No:
Data Mailer:
Date of Reappraisal
12/01/2002
Economic Obs:
Site Values
Replacement Cost (RCN): 0
RCN Less Depreciation: 0
Cost Land Estimate: 0
Cost Total Estimate: 0
Total Estimate: 0
Excess Value: 0
Final Site Land: 0
Final Site Total: 0
Click on folder to Open Window


RPS Version 4 - [Land Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.13-4-2
George W. Burnett, Inc.
127 Buffalo River
140200 Buffalo
Roll Year: 2019 Curr Yr
Land Size: 550.00 x 0
Active
Auto body
Non-Homestead
R/S: 1
School: Buffalo School
Land AV: 119,800
Total AV: 277,200
Parcel 122.13-4-2
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale04/25/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale06/07/96
Total 1 Land Types: To open, click the appropriate row (Right Click to Add)
Land type Acres Front Depth SQFT Soil Rating
Primary 0 0 0 95,832
Site No: 1
Land Type: 01 Primary
Front: .00
Depth: .00
Acres: .00
Sqft: 95,832
Soil Rating:
Waterfront Type:
Depth Factor:
Infl Pct:
Infl Code1:
Infl Code2:
Infl Code3:
Land Value:
Unit Price: 0.000
Click on folder to Open Window


File Edit View Toolbar Window Help
122.13-4-2
140200 Buffalo
Active
R/S: 1
School: Buffalo School
George W. Burnett, Inc.
Roll Year: 2019 Curr Yr
Auto body
Land AV: 119,800
127 Buffalo River
Land Size: 550.00 x 0
Non-Homestead
Total AV: 277,200
Parcel 122.13-4-2
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale04/25/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale06/07/96
Total 2 Improvements: To open, click the appropriate row (Right Click to Add)
Structure Code
Dim1
Dim2
SQFT/Misc
Actual Yrblt
Eff Yrblt
TK4 4,000.00 1973 0
TK4 5,000.00 1973 0
Site No: 1
Struct Code: TK4 Tank-undrgrn
Measure Cd: 3 SQFT / Misc
Dimension 1: .00
Dimension 2: .00
SQFT / Misc: 4,000.00
Quantity: 3
Constr Grade: C Average
Bldg Nbr: 0
Bldg Section: 0
Overall Cond: 3 Normal
Actual Yr Built: 1973
Eff Year Built:
Pct Good:
Functional Obs:
Ser Life Yrs:
Imp Description:
RCN:
RCNLD:
Click on folder to Open Window


RPS Version 4 - [Commercial Building Update , Group - Inquiry, Name - Intern]
File Edit View Toolbar Window Help
122.13-4-2
George W. Burnett, Inc.
127 Buffalo River
140200 Buffalo
Roll Year: 2019 Curr Yr
Land Size: 550.00 x 0
Active
Auto body
Non-Homestead
R/S: 1
School: Buffalo School
Land AV: 119,800
Total AV: 277,200
Parcel 122.13-4-2
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale04/25/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale06/07/96
Commercial Building
Component
Site No: 1
Bldg No: 1
Section: 1
No. Identical Bldgs: 1
MS/B Model No: 0712 Service sta with bays lc
Actual Yr Built: 1973
Eff Yr Built: 1973
Constr. Quality: 2.0 Average
Condition: 3 Normal
Bldg. Perimeter: 392
Gross Floor Area: 8000
No. of Stories: 1
Story Height: 13
Run RPS440 Edits:
Wall A Pct: 70
Wall B Pct: 30
Wall C Pct:
Air Cond Pct:
Sprinkler Pct:
Alarm Pct:
No. of Elevators:
Bsmt. Type:
Bsmt. Perimeter:
Bsmt. Sq. Ft:
Functional Obs:
Physical Deprec
Deprec Adj:
RCN:
RCNLD:
Note- Bldg 1 Sec 1 (Max 255 Char)
Click on folder to Open Window

RPS Version 4 - [Commercial Use Update , Group - Inquiry, Name - intern]

File Edit View Toolbar Window Help

122.13-4-2 | 140200 Buffalo | Active | R/S: 1 | School: Buffalo School

George W. Burnett, Inc. | Roll Year: 2019 Curr Yr | Auto body | Land AV: 119,800

127 Buffalo River | Land Size: 550.00 x 0 | Non-Homestead | Total AV: 277,200

- Parcel 122.13-4-2
  - History
  - Assessment
    - Spec Dist(s)
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Com
    - Land(s)
    - Imprvmt(s)
    - Bldg 1 Sec 1
    - Com Use
    - Valuation
  - Sale10/28/09
    - -Site (1) Com
      - Land(s)
      - Imprvmt(s)
      - Bldg 1 Sec 1
      - Com Use
      - Valuation
  - Sale04/25/06
    - -Site (1) Com
      - Land(s)
      - Imprvmt(s)
      - Bldg 1 Sec 1
      - Com Use
      - Valuation
  - Sale06/07/96

Total 1 Used As Codes: To open, click the appropriate row (Right Click to Add)

Jsed As Code	Rentable SQFT	No of Units	Unit Description	Total Rent
G03 Body shop	8,000	0		

Site No: 1 Use No: 1

Used As Code: G03 Body shop

Valuation Dist: 8

Rentable Sqft: 8,000

Unit Code Desc:

No of Units:

Lease Begin:

Lease Length: yrs

Total Eff / 1 Bed Sqft:

No of Units:

Annual Rent/Unit:

Total 2 Bedroom Sqft:

No of Units:

Annual Rent/Unit:

Total 3 Bedroom Sqft:

No of Units:

Annual Rent/Unit:

Click on folder to Open Window

RPS Version 4 - [Valuation Update , Group - Inquiry, Name - intern]

File Edit View Toolbar Window Help

122.13-4-2 | 140200 Buffalo | Active | R/S: 1 | School: Buffalo School

George W. Burnett, Inc. | Roll Year: 2019 Curr Yr | Auto body | Land AV: 119,800

127 Buffalo River | Land Size: 550.00 x 0 | Non-Homestead | Total AV: 277,200

- Parcel 122.13-4-2
  - History
  - Assessment
    - Spec Dist(s)
  - Description
  - Owner(s)
  - Images
  - Gis
  - Site (1) Com
    - Land(s)
    - Imprvmt(s)
    - Bldg 1 Sec 1
    - Com Use
    - Valuation
  - Sale10/28/09
    - -Site (1) Com
      - Land(s)
      - Imprvmt(s)
      - Bldg 1 Sec 1
      - Com Use
      - Valuation
  - Sale04/25/06
    - -Site (1) Com
      - Land(s)
      - Imprvmt(s)
      - Bldg 1 Sec 1
      - Com Use
      - Valuation
  - Sale06/07/96

Valuation Information | Comp Sale ID's | Comp Asmt ID's

Site No: 1 | Sum Site(s) to AV

Project: BFLO-2005

Review Date: 00/00/0000

Travel No:

Sale Price: 256,300

Time Adj Sale Price

Source:

Value:

Select:

Valuation Methods:

Cost:

Market:

Income:

Adjustments:

Type:

Reason:

Percent: .00

Amount:

Final Site Values:
Land:
Total:

Prior Site Values:
Land:
Total:

Percent Change:
Land: 0.00
Bldgs: 0.00
Total: 0.00

Cost Value Est:
Land:
Excess Value:
RCN:
RCNLD:
Total:

Comp Sales Est:
Land:
Total:

Comp Asmt Est:
Land:
Total:

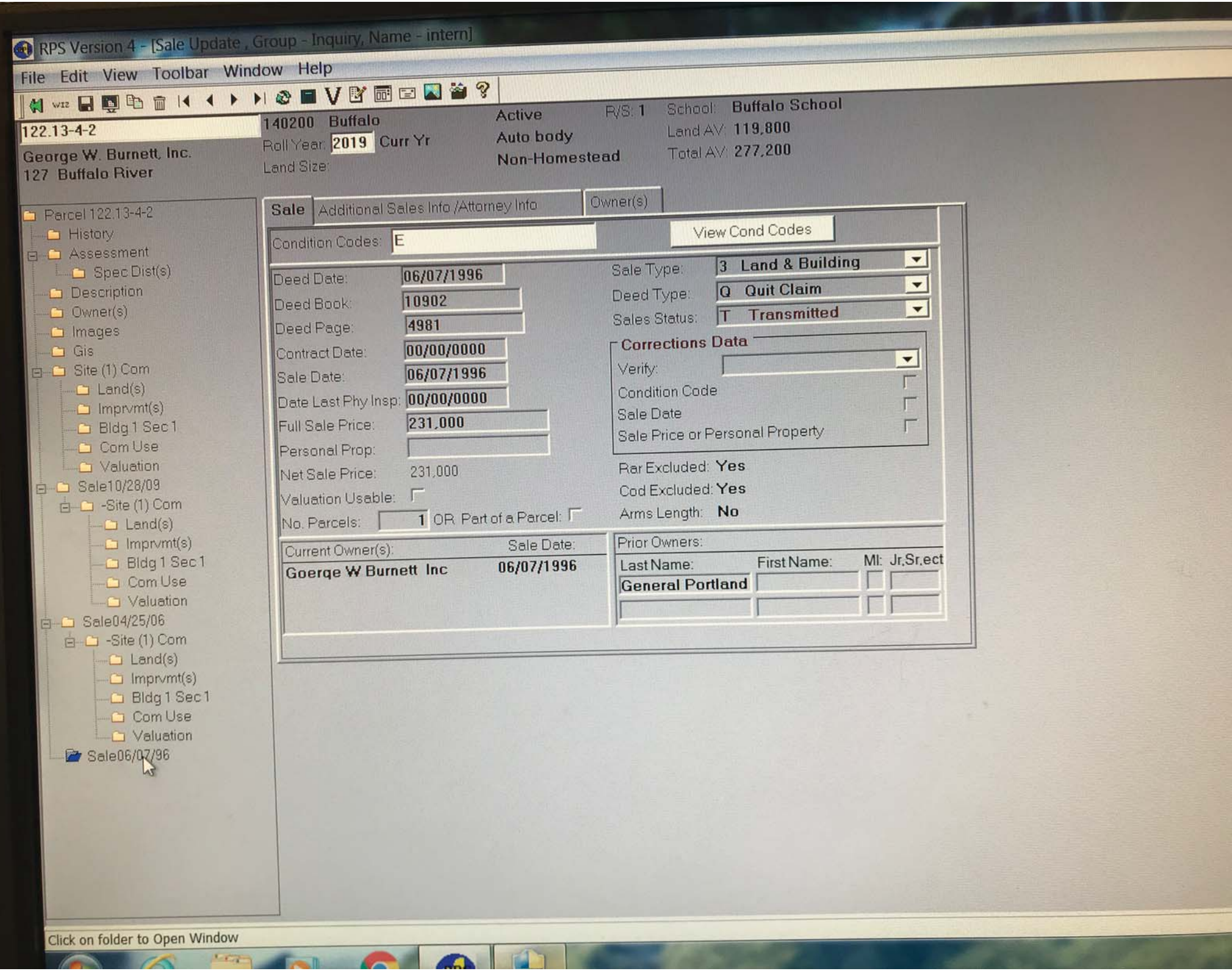
Regression Est:
Land:
Bldgs:
Total:

AEP Model Est:
Land:
Total:

Manual Model Est:
Land:
Bldgs:
Total:

Mkt+Inc Value:
Total:

Click on folder to Open Window


RPS Version 4 - [Sale Update , Group - Inquiry, Name - intern]
File Edit View Toolbar Window Help
122.13-4-2
George W. Burnett, Inc.
127 Buffalo River
140200 Buffalo
Roll Year: 2019 Curr Yr
Land Size:
Active
Auto body
Non-Homestead
R/S: 1
School: Buffalo School
Land AV: 119,800
Total AV: 277,200
Parcel 122.13-4-2
History
Assessment
Spec Dist(s)
Description
Owner(s)
Images
Gis
Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale10/28/09
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale04/25/06
-Site (1) Com
Land(s)
Imprvmt(s)
Bldg 1 Sec 1
Com Use
Valuation
Sale06/07/96
Sale
Additional Sales Info /Attorney Info
Owner(s)
Condition Codes: E
View Cond Codes
Deed Date: 06/07/1996
Deed Book: 10902
Deed Page: 4981
Contract Date: 00/00/0000
Sale Date: 06/07/1996
Date Last Phy Insp: 00/00/0000
Full Sale Price: 231,000
Personal Prop:
Net Sale Price: 231,000
Valuation Usable:
No. Parcels: 1 OR Part of a Parcel:
Sale Type: 3 Land & Building
Deed Type: Q Quit Claim
Sales Status: T Transmitted
Corrections Data
Verify:
Condition Code
Sale Date
Sale Price or Personal Property
Rar Excluded: Yes
Cod Excluded: Yes
Arms Length: No
Current Owner(s): Sale Date:
Goerge W Burnett Inc 06/07/1996
Prior Owners:
Last Name: First Name: MI: Jr,Sr,ect
General Portland
Click on folder to Open Window

Not sure if Site. Site contact indicated the Site used to be a lime storage yard

opposite Ens

LOCATION East side Buffalo R

PERMIT NO. 53072 DATE Oct. 19-17.

OWNER Michigan Limestone & Chemical Co

DESCRIPTION One story frame

Factory Grinding building.

Spec. resolution # 46

Oct. 10-17

YAWMAN & ERBE MFG. CO., ROCHESTER AND BUFFALO ~1565~

opposite Ensign st.

LOCATION East side Buffalo River

PERMIT NO. 53071 DATE Oct. 19-17

OWNER Michigan Limestone & Chemical Co

DESCRIPTION One story frame

Warehouse.

opposite Ensign st.

LOCATION East side Buffalo River

PERMIT NO. 53070 DATE Oct. 19-17.

OWNER Michigan Limestone & Chemical Co

DESCRIPTION One story frame

dryer building.

LOCATION 161 Ganson St.

PERMIT No. R036729 DATE 12/4/41

OWNER J. Lloyd

DESCRIPTION repair frame shed.

"Y AND E" 7098

LOCATION 189 Ganson St.

PERMIT NO. RO 52404 DATE June 1, 1953

OWNER Earl Roberts

DESCRIPTION Alt. & rep. int. new windows, etc. no structly chgs. $1000.

PWB-308

LOCATION 189 Ganson St.

PERMIT No. RO34277 DATE October 23, 1940

OWNER E. R. Roberts

DESCRIPTION repair fr. restaurant. $100.00

"Y AND E" 4102

LOCATION 189 Ganson St.

PERMIT No. DATE 3/16/38.

OWNER Earle Roberts

DESCRIPTION Convert Rooming House

"Y AND E" 5687

LOCATION 191-301 Ganson St.

PERMIT No. 34901 DATE 11/25/42

OWNER American Shipbuilding Co.

DESCRIPTION Erect frame clock house.

"Y AND E" 7098

P

LOCATION 189 Ganson DATE 3/18/80

OWNER Robert Downing

ADDRESS 191 Ganson

CONTRACTOR Owner

DESCRIPTION OF WORK Dem. to gr. a 2½ sty. fr. 2 fam. dwlg. Fut. land use- to be determined (possible parking lot) Owner to work as individual without outside assistance.

CONDITIONS pvt. demolition

VALUE $900.00 FEE $20.00

APPLICATION # 161025 PLAN FILE #

BUILDING PERMIT # B 21931

LOCATION 191-301 Ganson St.

PERMIT No. 34903 DATE 11/25/42

OWNER American Shipbuilding Co.

DESCRIPTION Erect frame housing.

"Y AND E" 7098

LOCATION 191 Ganson St.

PERMIT NO. R0 43635 DATE 11/14/46

OWNER American Ship Bldg. Co.

DESCRIPTION Demolish frame warehouse. $500.

LOCATION 191 Ganson

PERMIT NO. 50965 DATE Oct 2, 1953

OWNER American Shipbldg.

DESCRIPTION Place, use 1 - 6000 gal. steel tank for #3or #2 oil stg. $1500.

Off Site

PWB-308

LOCATION 191 Ganson St.

PERMIT NO. 49665 DATE Feb. 10, 1953

OWNER American Ship Bldg. Co.

DESCRIPTION Place 1- 6000 gal. steel tank for fuel oil storage, underground $1500.

Off Site

PWB-308

LOCATION 191 Ganson

PERMIT NO. 51009 DATE Oct 8, 1953

OWNER American Shipbuilding Co.

DESCRIPTION Place, use 1-6000 gal. steel tank for #2 or 2 Oil stg. $2000.

Off Site

PWB-308

LOCATION 191 Ganson St.

PERMIT NO. 50048 DATE April 24, 1953

OWNER American Shipbldg. Co. Inc.

DESCRIPTION Const. steel warehouse 60x120'7x18 $24,000.

PWB-308

ADDRESS 191 Ganson

OWNER American Shipbuilding

ADDRESS Sare

CONTRACTOR Fleischmann Service

ADDRESS 74 Skillen Street

DATE 10-29-57 19 APPLICATION NO. 74385

Place 1 - 2000 gal. tank for gas.storage - replacing leaking 2000 gal. tank $350. E.side of st. 2000± So. of So.Michigan

PLAN FILE NO.

PERMIT No. A 6284

Off Site

ADDRESS 191 Ganson St.,
OWNER American Shipbuilding Co.,
ADDRESS 191 Ganson St.,
CONTRACTOR Owner
ADDRESS "
DATE 3/19/64 19__ APPLICATION NO. 94944
Demolish to grade 1 sty. Frame & Steel Mercantile Bldg. 50'x100' 40'x100' PLAN FILE NO. $800.00
No. A 26144

ADDRESS 191 Ganson Street
OWNER Downing Container
ADDRESS 365 Swan Street
CONTRACTOR Fleischman Service
ADDRESS 74 Skillen Street
DATE 9/29/66 19__ APPLICATION NO. 103036
Place & use storage tanks.(3) underground storage tanks. 2-4000 gal.gasoline tanks. 1-4000 gal. diesel tanks. Lot 180x193' PLAN FILE NO. $800.00
No. A 33887

ADDRESS 191 Ganson St.,
OWNER Francis Downing Const. Co.,
ADDRESS 365 Swan St.,
CONTRACTOR Morris & Reimann Wreckers, Inc.,
ADDRESS 4000 Bailey Ave.,
DATE 6/9/66 19__ APPLICATION NO. 101546
Depolish to grade, 1 sty. Frame Mercantile Bldg. future use-new construction, sewer & water connections to remain for future construction.
PLAN FILE NO. $940.00
No. A 32563 DEMOLISHED

LOCATION 191 Ganson St. DATE Oct. 22, 1980
OWNER Downing Container Service
ADDRESS same
CONTRACTOR Waldemar Tiedemann Inc.
DESCRIPTION OF WORK Enl, alt, use 1 sty. msry.bldg. to be used for additionb between two comm. bldgs. plans filed
CONDITIONS
VALUE $21,000.00 FEE $44.00
APPLICATION # 163811 PLAN FILE #
BUILDING PERMIT # B 25213
D 45

ADDRESS 191 Ganson Street
OWNER Downing Container
ADDRESS 365 Swan Street
CONTRACTOR Metzger Const. Corp.
ADDRESS 2570 Walden Ave., Cheektowaga
DATE June 13, 1966 19__ APPLICATION NO. 101272
Street, Uselsty.Conc. Blk.truck garage. Plans Filed.Lot 180x193'Bldg.60x120.6'
PLAN FILE NO. $15,000.00 $5,000.00 Alt.
No. A 32580

ADDRESS 191 Ganson St.
OWNER Erie R.R. Co.
ADDRESS Downing Container 365 Swan St.
CONTRACTOR Lessee-Owner
ADDRESS
DATE July 29, 1971 19__ APPLICATION NO. 124947
Street, place and use steel wire container. Used for temporary storage of waste paper etc. Loc. E side of st. 209' PLAN FILE NO. $1000.00
Ohlman Ave. Lot irreg. 185' x 159' Prop.Bldg. 9'x8.6'x6'.
No. 35413

ADDRESS 191 Ganson St.

OWNER Downing Container Service

ADDRESS 191 Ganson St.

CONTRACTOR K & T Pump & Tank Inc.

ADDRESS 277 Dearborn St.

APPLICATION

DATE January 8 1974 NO. 135162

Place, use Install 1- 4000 gal. steel tank
Private deisel storage

PLAN FILE NO. $2200.00

No. 65097

LOCATION 191 Ganson St. DATE 10/1/80

OWNER Downing Container Ser.

ADDRESS Same

CONTRACTOR A. PINTOM Electric

DESCRIPTION OF WORK Office - Install wiring for 8 fixtures and 12 plugs.

CONDITIONS

VALUE FEE $10.00 ck.

PLAN FILE #

ELECTRICAL PERMIT # E 14354

LOCATION 191 Ganson St. DATE Sept. 10,1980

OWNER Downing Container Svc.

ADDRESS same

CONTRACTOR Fleischmann Service Corp.

DESCRIPTION OF WORK Pl. & use steel underground diesel fuel tank - 1-10,000 gal

CONDITIONS

VALUE $26,000.00 FEE $60.00

APPLICATION # 163#646 PLAN FILE #

BUILDING PERMIT # B 24517

PLUMBING PERMIT # P 7301

LOCATION 191 Ganson St. DATE 10-22-80

OWNER Dowing Container ADDRESS Same

CONTRACTOR E. Parisi Plbg. Co. Inc.

DESCRIPTION OF WORK Commercial - 2 closet, 1 shower & 1 sink, 3 urinal and 1 wash sink.

CONDITIONS

FEE $49.00 ck

APPLICATION # PLAN FILED Yes

LOCATION 191 Ganson DATE 9/12/80

OWNER Downing Container

ADDRESS Same

CONTRACTOR R-D Electric

DESCRIPTION OF WORK Office & garage - Install overhead 60A 120/240V single phase 3 wire sub feed #servic to pump #sland booth for 2 3/4HP submerged gas pumps, 2 400W mercury vapor lights, 1 5000 watt heater. Heater & light are in pump island booth.

CONDITIONS

VALUE FEE $10.00 ck.

PLAN FILE #

LOCATION 191 Ganson DATE 11/18/80

OWNER Downing Container Service

ADDRESS Same

CONTRACTOR A.PINTO Electric

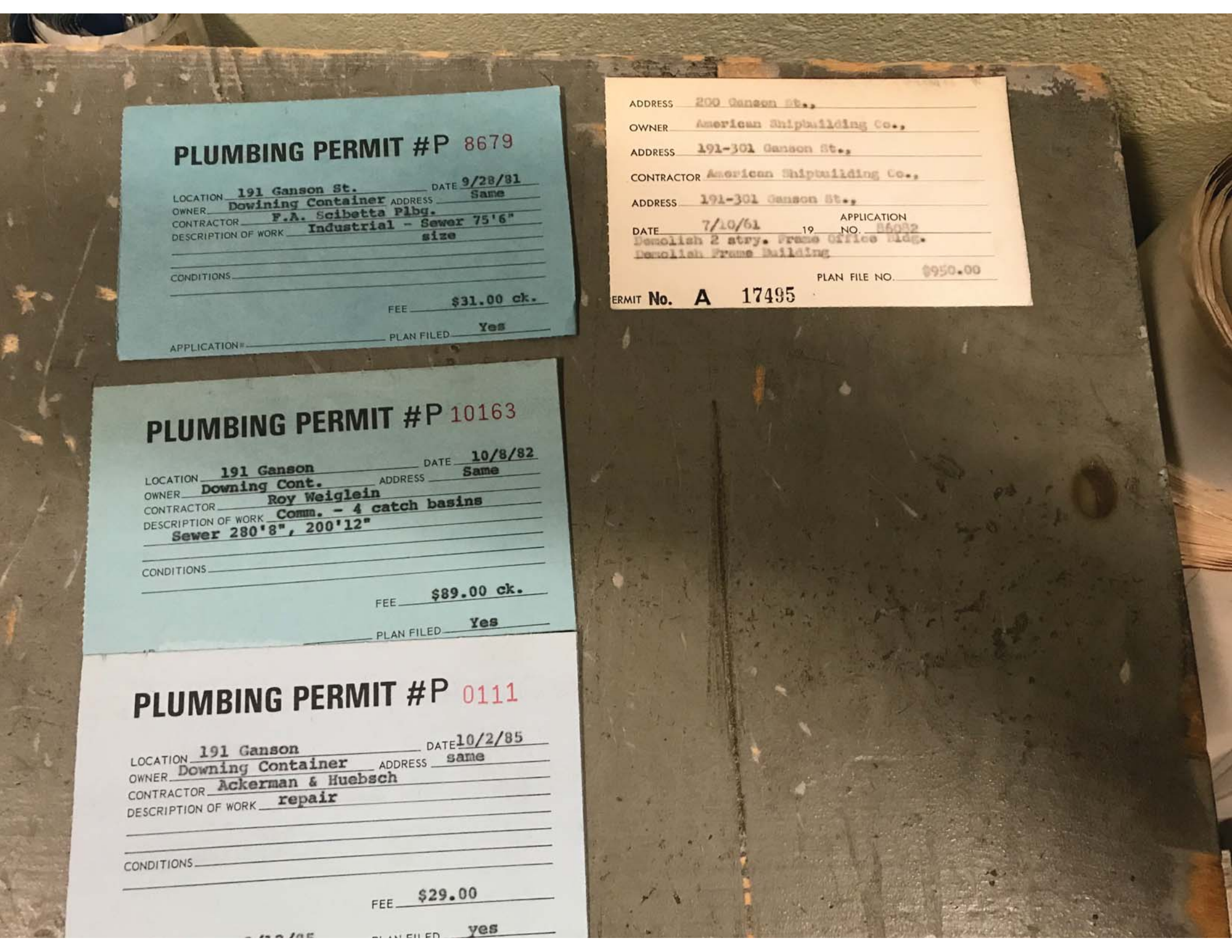
DESCRIPTION OF WORK Meeting Room, XXXXX locker room,- Install 9 lights, 8 plugs, air conditioner

CONDITIONS

VALUE FEE $12.50 ck.

PLAN FILE #

ELECTRICAL PERMIT # E 14707



PLUMBING PERMIT #P 8679

LOCATION 191 Ganson St. DATE 9/28/81
OWNER Downing Container ADDRESS Same
CONTRACTOR F.A. Scibetta Plbg.
DESCRIPTION OF WORK Industrial - Sewer 75'6" size
CONDITIONS
FEE $31.00 ck.
APPLICATION # PLAN FILED Yes

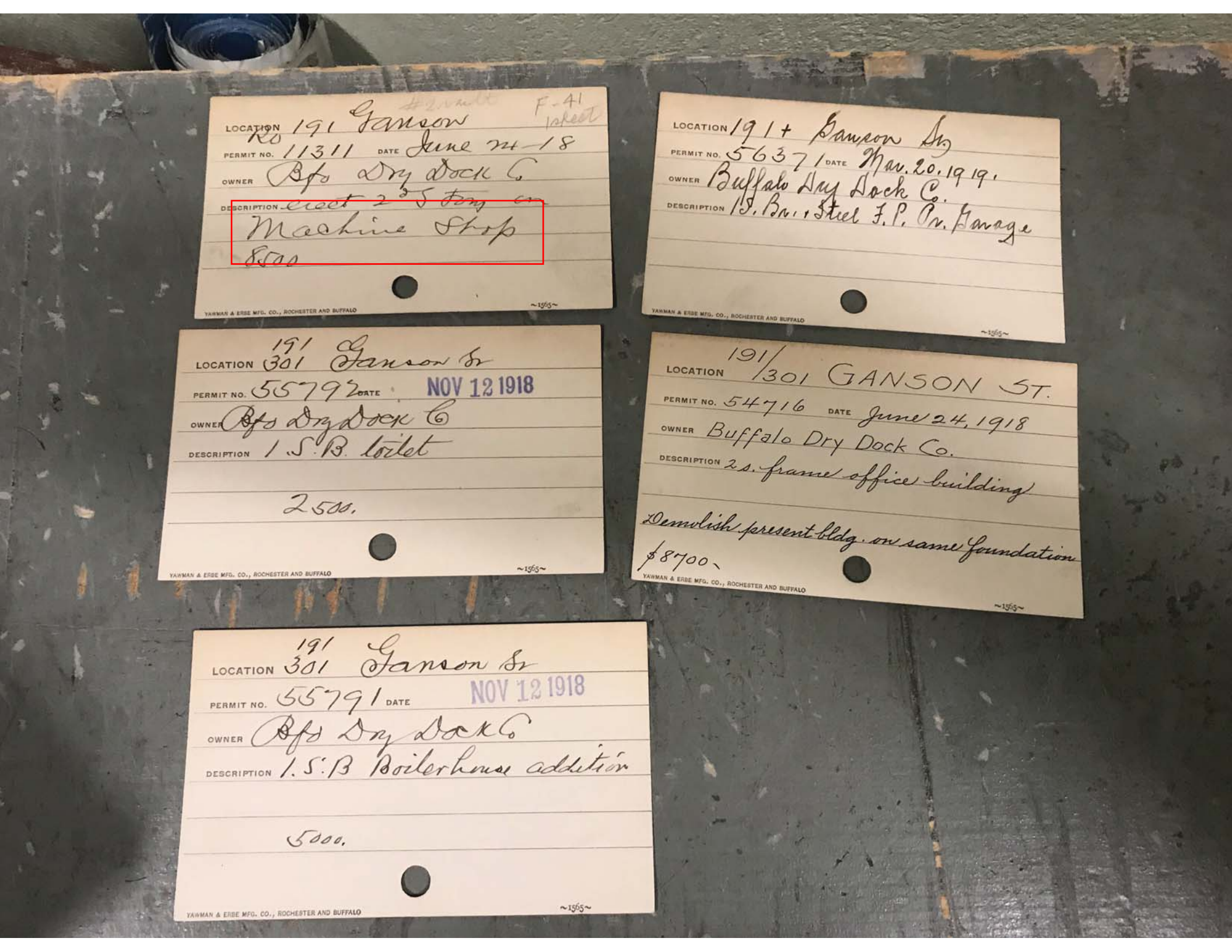
ADDRESS 200 Ganson St.,
OWNER American Shipbuilding Co.,
ADDRESS 191-301 Ganson St.,
CONTRACTOR American Shipbuilding Co.,
ADDRESS 191-301 Ganson St.,
DATE 7/10/61 19 APPLICATION NO. B6092
Demolish 2 stry. Frame Office Bldg.
Demolish Frame Building
PLAN FILE NO. $950.00
PERMIT No. A 17495

PLUMBING PERMIT #P 10163

LOCATION 191 Ganson DATE 10/8/82
OWNER Downing Cont. ADDRESS Same
CONTRACTOR Roy Weiglein
DESCRIPTION OF WORK Comm. - 4 catch basins Sewer 280'8", 200'12"
CONDITIONS
FEE $89.00 ck.
PLAN FILED Yes

PLUMBING PERMIT #P 0111

LOCATION 191 Ganson DATE 10/2/85
OWNER Downing Container ADDRESS same
CONTRACTOR Ackerman & Huebsch
DESCRIPTION OF WORK repair
CONDITIONS
FEE $29.00
PLAN FILED yes



LOCATION 191 Ganson
PERMIT NO. 11311 DATE June 14-18
OWNER Bfs Dry Dock Co
DESCRIPTION cost 2 35 ton ...
Machine Shop
8500
YAWMAN & ERBE MFG. CO., ROCHESTER AND BUFFALO ~1565~

LOCATION 191+ Ganson St
PERMIT NO. 56371 DATE Mar. 20. 1919.
OWNER Buffalo Dry Dock Co.
DESCRIPTION 1 S. Br. & Steel F. P. Pr. Garage
YAWMAN & ERBE MFG. CO., ROCHESTER AND BUFFALO ~1565~

LOCATION 191/301 Ganson Sr
PERMIT NO. 55792 DATE NOV 12 1918
OWNER Bfs Dry Dock Co
DESCRIPTION 1 S.B. toilet
2500.
YAWMAN & ERBE MFG. CO., ROCHESTER AND BUFFALO ~1565~

LOCATION 191/301 GANSON ST.
PERMIT NO. 54716 DATE June 24, 1918
OWNER Buffalo Dry Dock Co.
DESCRIPTION 2 s. frame office building
Demolish present bldg. on same foundation
$8700.
YAWMAN & ERBE MFG. CO., ROCHESTER AND BUFFALO ~1565~

LOCATION 191/301 Ganson Sr
PERMIT NO. 55791 DATE NOV 12 1918
OWNER Bfs Dry Dock Co
DESCRIPTION 1 S.B Boilerhouse addition
5000.
YAWMAN & ERBE MFG. CO., ROCHESTER AND BUFFALO ~1565~

BUFFALO, NEW YORK
FIRE DEPARTMENT

INCIDENT #-- 08-1099

BUREAU OF FIRE PREVENTION - FIRE RECORD

F 33
REV. 3-1-70

Batt. Dist	Time	Day of Week	Month	Day	Year
B41	1227	MONDAY	AUGUST	13	1990

Address	Room or Apt. No.	Occupant
191 GANSON		

Owner	Address of Owner
GARY STAHR	54 LAMONT LANE, DEPEW, NY

Transmission of Alarm	Type of Situation Found
3-377	AUTO FULLY INVOLVED

Type of Action Taken	Eng. Co. (1st-In Dist.)	Platoon	No. Alarms	Mutual Aid
EXTINGUISH	10	1ST	1	YES ___ NO X

Property Classification	Complex	Area of Origin	Const.	Size
AUTO		ENG. COMPARTMENT		

Height or Floor	If Mobile	Make	Model	License No.
	1980 Year	FORD	2 DOOR	2 EH-836

Number Injured		Number Killed	
Civilians	Fire Service	Civilians	Fire Service

NAME AND ADDRESS OF INJURED

NAME AND ADDRESS OF KILLED

STATEMENT OF INJURY Example: Smoking in bed, playing with matches, traffic accident, unknown cause

05-1908

BUREAU OF FIRE PREVENTION - FIRE RECORD

F 33
REV. 3-1-70

Batt. Dist	Time	Day of Week	Month	Day	Year
1	1440	FRI	5	27	83

Address	Room or Apt. No.	Occupant
BEHIND 191 GANSON ST		SAME

Owner	Address of Owner
HURT HOCTOR	32 FULTON 856-4150

Transmission of Alarm	Type of Situation Found
3-377	FIRE

Type of Action Taken	Eng. Co. (1st-In Dist.)	Platoon	No. Alarms	Mutual Aid
EXT	10	3	PS	YES ___ NO ✓

Property Classification	Complex	Area of Origin	Const.	Size
WAREHOUSE		INTERIOR.	FR.	60-150

Height or Floor	If Mobile	Make	Model	License No
1STY	Year			

Number Injured		Number Killed	
Civilians	Fire Service	Civilians	Fire Service

NAME AND ADDRESS OF INJURED

NAME AND ADDRESS OF KILLED

STATEMENT OF INJURY Example: Smoking in bed, playing with matches, traffic accident, unknown cause

Number Fire Service Personnel at Scene	Number Eng. Cos.	Number Truck Cos.	Number Other Vehicles
Officers Men	E-10		

Equipment Involved in Ignition	Form of Heat Ignition
WIRING	SPARK
Material Ignited	**Form of Material Ignited**
INSULATION, ETC.	
Act or Omission (cause of fire)	**Extent of Flame Damage**
ELECTRICAL SHORT!	

Extent of Other Damage	Estimated Property Loss	Bldg.	Contents
	$1200/AUTO		

Method of Extinguishment	Number Streams ¾-1"	1½"	2½"	Feet of Ladders
WATER		(1)		

Ins. Carried Bldg.	Ins. Carried Contents	Officer in Charge (Name, Position)
		E-10 ACTG. LT. ZLOTY
Ins. Paid Bldg.	**Ins. Paid Contents**	**Member Making Report (If Different from Above)**
		THOMPSON

Additional Information

SMOKE DETECTORS INSTALLED?
YES _____ NO _____
DID THEY ACTIVATE?
YES _____ NO _____

Number Fire Service Personnel at Scene	Number Eng. Cos.	Number Truck Cos.	Number Other Vehicles
Officers Men	10 - 20 - 1 (32)	—	41

Equipment Involved in Ignition	Form of Heat Ignition
Material Ignited	**Form of Material Ignited**
WOOD	BLDG MAT.
Act or Omission (cause of fire)	**Extent of Flame Damage**
CARELESS USE OF WELDERS TORCH	CONT BLDG OF ORIGIN

Extent of Other Damage	Estimated Property Loss	Bldg.	Contents
	$10,000	$10,000	0

Method of Extinguishment	Number Streams ¾-1"	1½"	2½"	Feet of Ladders
WATER			2 F.B. TURRETS	

Ins. Carried Bldg.	Ins. Carried Contents	Officer in Charge (Name, Position)
		BURCH
Ins. Paid Bldg.	**Ins. Paid Contents**	**Member Making Report (If Different from Above)**
		Albert

Additional Information 18 TO 32

BLDG BEING DEMOLISHED & MATERIAL BEING SALVAGED.

F.8

DEPARTMENT OF FIRE

City of Buffalo

INTER DEPARTMENTAL CORRESPONDENCE

TO Chief Joseph Haynes

Fire Prevention Bureau

FROM Engine 10

DATE 8-27-79

SUBJECT 189 Hanson St.

DEAR SIR:

Please notify Building Division that a 2½ story framed building at 189 Hanson St. formerly occupied by Roberts Tavern is vacant and in an unsatisfactory, open condition.

There are no exposures but it poses a dangerous condition to Fire Dept. personnel if involved in a fire.

It is recommended that it be demolished.

(confirming phone call to Chief Haynes)

189 Hanson

CITY OF BUFFALO
DEPT. OF FIRE
'79 AUG 28 PM 12:23
ROOM 2401

RESPECTFULLY,

Lt. John Hauseath

Engine 10 - 3rd Plt.

189 GANSON ST.

CITY OF BUFFALO
INTER DEPARTMENTAL CORRESPONDENCE

To: Joseph M. Baudo, Director
Division of Housing and Building Inspections

Date: August 30, 1979

Subject: 189 Ganson Street

From: Bureau of Fire Prevention
Department of Fire

The above-noted location, a 2½-story vacant frame building, was reported to this office by the fire company officer to be in a vandalized, open condition.

He stated that there are no exposures, but it poses a dangerous condition to Fire Department personnel if a fire were to occur. He recommended demolition.

This is being referred to you for whatever action you deem necessary.

Sincerely,

Joseph E. Hynes, Chief
BUREAU OF FIRE PREVENTION
Department of Fire

JEH/mc

TANKS--Removed, Watered, or Slushed

Location 191 Gaven

Removed X Make sure vent is removed.

Slushed ___ Make sure vent is removed at grade or below.

Watered ___ If it is expected to be watered for 3 years, be sure pump is removed and suction and vent capped.

Number of Tanks One Sizes 4000 / GAL

Owner of Premises Downing Container Service

Present or Former Operator —

Brand Name of Gasoline not known

Owner of Tank Downing Container Service

Address 191 Gaven

Contractor Elmwood Work

Address 200 Fire Tower Drive, Tom

Draw sketch of approximate location on property on reverse side. Also, any other pertinent information.

TANK REMOVED, DRY ICED, CUT & LITTERED FOR HAULING, then TRUCKED AWAY.

INSTRUCTIONS BELOW THIS LINE FOR OFFICE USE ONLY.

Witnessed by Lt. Carl Allen - Fire Prevention Bureau

If station had flammable liquid license, notify the Battalion Chief to have company remove from files. If station is still in business, make note on Form 29 of which tank or tanks have been removed, slushed, or watered and date of same.

PZ:RC
5/28/63

Location 191 Gaven

Date 11-24-67

ELMWOOD TANK
& PIPING CORP.
200 Fire Tower Drive
Tonawanda, New York 14150
716/694-0106

November 18, 1987

New York State Department
of Environmental Conservation
600 Delaware Avenue
Buffalo, New York 14202-1073

Attn: Mr. Robert N. Locey, P.E.

Re: Removal & Disposal
of Underground Tank

Gentlemen:

Please be advised that the Elmwood Tank & Piping Corporation has been awarded the contract to clean, gas free and legally dispose of the following underground tank and its contents, as per D.E.C. Regulations, at the listed location:

LOCATION: Downing Container Service
191 Ganson Street
Buffalo, New York

SIZE: 1-4,000 Gallon Steel Tank

We are proceeding with the removal of the aforementioned underground tank on November 24, 1987 in accordance with your verbal approval of our telephone conversation of November 18, 1987.

If you require further information, please do not hesitate to contact us.

Very truly yours,

ELMWOOD TANK & PIPING CORP.

Richard E Daly

Richard E. Daly
Operations Supervisor

RED/tg

Xcc: Lt. Russell Knox

BUREAU OF FIRE PREVENTION
FLAMMABLE LIQUID ORDINANCE CHAPTER XXIX
STORAGE AND USE OF DIESEL FUEL — III
TYPE OF LIQUID — CLASS

APPLICATION DATE: September 8, 1980 — DISTRICT ZONING M - 2

NAME Downing Container Service — ADDRESS 191 Ganson Street Buffalo, New York

USE: COMMERCIAL ____ PRIVATE X — PROPERTY: CITY ____ PRIVATE ____

CONTRACTOR Fleischmann Service Corporation — ADDRESS 74 Skillen Street Buffalo, New York 14207

APPROVED Joseph E. Hynes — JOSEPH E. HYNES — TITLE Chief Bureau of Fire Prevention

Install one (1) 10,000-Gallon, underground, steel, diesel fuel oil storage tank.

INSTALLATION DATE: ____

APPLICATION NO: 163646 DATE 9/10/80 PERMIT NO: B24517 DATE 9/10/80

TANKS:
Number of One (1)
Capacity of Each 10,000-Gallons
Total Capacity 26,000
Above Ground NO
Feet Underground 4'
Feet From Property Line 162'
Feet From Street Line 150'
Feet From Bldg. or Cellar ____
U.L. Label Numbers F-915-770

Public Assemblage Bldg. Within 300 Ft. NO (Sec. 82)
Less Than 50 Feet From RR & Docks? (Sec. 16, Chap. LLX) ____

FILL PIPE:
Size 4 Extended Fill? YES
Located Outside YES Protected YES
Feet From Bldg. Opening ____

VENT PIPE:
Number of 1
Size 2"
Terminates Outside YES
Feet Above Fill Pipe 12
Feet From Bldg. Opening 10'
Weaherproof Hood Yes
Flame Arrester YES

PUMPS:
Number of Pumps ____
Feet From Bldg. Line ____
Feet From Street Line ____
U.L. Label Nos. ____
If inside Bldg., are pumps protected as required by Sec. 148 ____

TESTS: (Sec. 91)
APPROVED ____
DISAPPROVED ____

ALL TANKS, PUMPS AND PIPING, ARE INSTALLED IN ACCORDANCE WITHIN THE REQUIREMENTS OF THE FLAMMABLE LIQUID ORDINANCE, I THEREFORE, RECOMMEND

APPROVED H E Hunt Lieutenant Bureau of Fire Prevention DATE ____

THE ABOVE LOCATION HAS BEEN INSTALLED FOR THE FOLLOWING SUPPLIER.

NAME ____ ADDRESS ____

IMPORTANT: Include Remarks, Sketch of Pump and Tank Locations On other side, or attach sketch to form. Forward Copy to BUREAU OF FIRE PREVENTION.

LOCATION Downing Container Service 191 Ganson Street Buffalo, New York LIENSE REQUIRED Yes BATTALION 1st COMPANY Engine 10

APPROVED
SUBJECT TO COMPLIANCE WITH ALL
APPLICABLE ORDINANCES.
BASED UPON INFORMATION SHOWN.
BUREAU OF FIRE PREVENTION
Joseph E. Johnson DATE SEP 9 1980
DEPARTMENT OF FIRE
BUFFALO, NEW YORK

191 Ganson St.

159'
DUMPING RAMP
150'
1641
FENCE TO BE REMOVED
CONCRETE CURB TO BE REMOVED
TELEPHONE POLE
129'
120'
GARAGE
PROPOSED NEW FENCE
150'
FENCE TO BE REMOVED
TELEPHONE POLE
22'
ASPH. DRIVEWAY
27'
OFFICE
FENCE
28'
PROPOSED NEW FENCE
TELEPHONE POLE
160'
TELEPHONE POLE
GANSON ST
LEGEND
SCALE 1"=
DRAWN BY K. DANGERT



REMOVED 5-5-86
LT R G KNOX

187

BUREAU OF FIRE PREVENTION
FLAMMABLE LIQUID ORDINANCE CHAPTER XXIX

STORAGE AND USE OF DIESEL OIL — III
TYPE OF LIQUID — CLASS

APPLICATION DATE: December 26, 1973
NAME Downing Container Service
DISTRICT ZONING M - 2
ADDRESS 191 Ganson Street Buffalo, New York

USE: COMMERCIAL ___ PRIVATE X PROPERTY: CITY ___ PRIVATE ___
CONTRACTOR K. & T. Pump & Tank, Inc. ADDRESS 277 Dearborn Street Buffalo, New York

APPROVED Paul J. Zalewski Chief
~~DISAPPROVED~~ PAUL J. ZALEWSKI TITLE Bureau of Fire Prevention
Install one (1) 4,000-gallon, underground, steel, diesel oil storage tank.

INSTALLATION DATE: 1-14-74
APPLICATION NO: 135162 DATE 1/8/74 PERMIT NO: 65097 DATE 1/8/74

TANKS:
Number of One (1)
Capacity of Each 4,000-gallon
Total Capacity 4,000-gallon
Above Ground NO
Feet Underground 4
Feet From Property Line 40
Feet From Street Line 100
Feet From Bldg. or Cellar 30
U.L. Label Numbers F708081

Public Assemblage Bldg. Within 300 Ft. NO (Sec. 82)
Less Than 50 Feet From RR & Docks? (Sec. 16, Chap. LLX) NO

FILL PIPE:
Size 4" Extended Fill? YES
Located Outside YES Protected YES
Feet From Bldg. Opening 45

VENT PIPE:
Number of 1
Size 2"
Terminates Outside YES
Feet Above Fill Pipe 12
Feet From Bldg. Opening 80'
Weaherproof Hood YES
Flame Arrester YES

PUMPS:
Number of Pumps 2
Feet From Bldg. Line 40'
Feet From Street Line 75'
U.L. Label Nos. GAS D-138458 DIESEL D 137972
If inside Bldg., are pumps protected as required by Sec. 148 OUTSIDE

TESTS: (Sec. 91)
APPROVED Lieut. Earl J. Wichett FSB
DISAPPROVED

ALL TANKS, PUMPS AND PIPING, ARE INSTALLED IN ACCORDANCE WITHIN THE REQUIREMENTS OF THE FLAMMABLE LIQUID ORDINANCE, I THEREFORE, RECOMMEND
APPROVED Earl J. Wichett Lieutenant Bureau of Fire Prevention DATE 1-14-74
THE ABOVE LOCATION HAS BEEN INSTALLED FOR THE FOLLOWING SUPPLIER.
NAME Downing Container Service ADDRESS 191 Ganson Street Buffalo, New York

IMPORTANT: Include Remarks, Sketch of Pump and Tank Locations On other side, or attach sketch to form. Forward Copy to BUREAU OF FIRE PREVENTION.

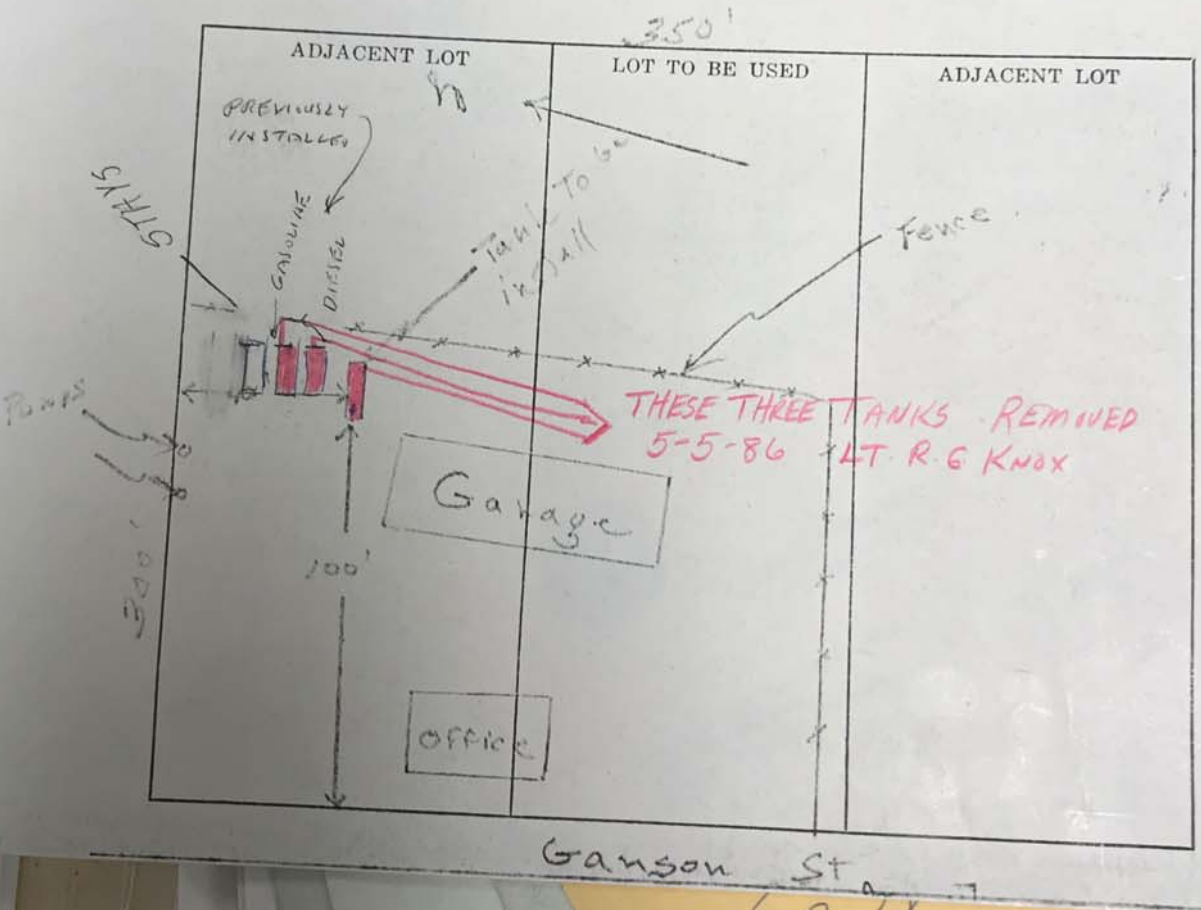
LOCATION Downing Container Service 191 Ganson Street Buffalo, New York LIENSE REQUIRED Yes BATTALION 1st COMPANY Engine 10

191 Ganson St

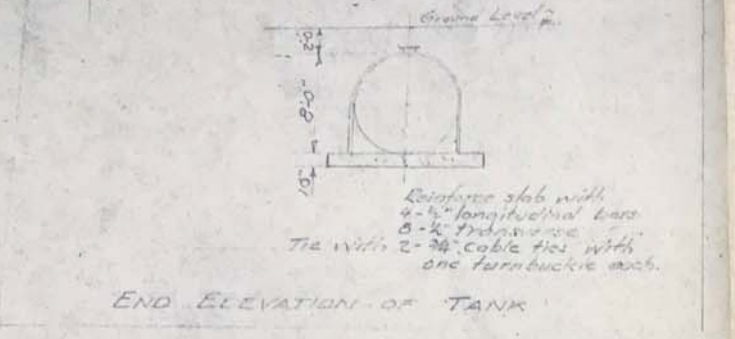
SKETCHMAP

Plat Plans and Elevations to be Drawn to Scale On Separate Sheets When So Directed

Show the property lines and actual dimensions of the lot to be built upon or used, the size and shape of proposed main building and accessory building or rear dwelling or gasoline tanks and pumps, showing the distance from lot lines and the location of any and all buildings on adjacent lots, together with the dimensions of said lots, as well as their front, side and rear yards, and the purposes for which said lots are used, vacant or otherwise.

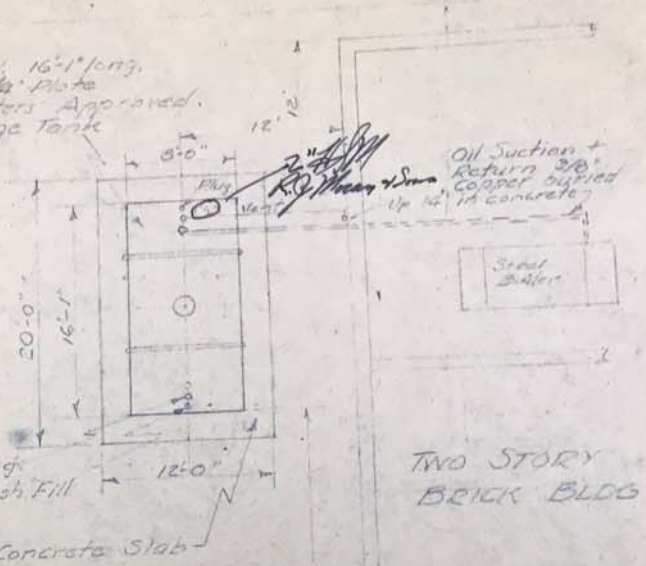


For J

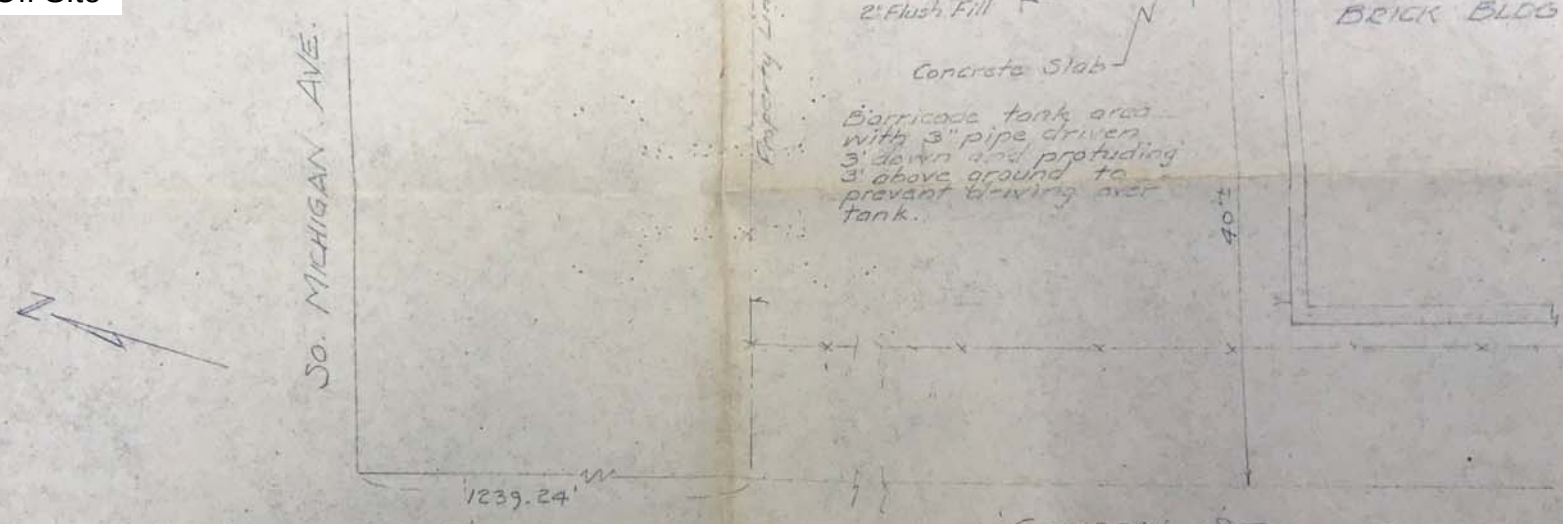


END ELEVATION OF TANK

Off SIte



Barricade tank area with 3" pipe driven 3' down and protruding 3' above ground to prevent driving over tank.



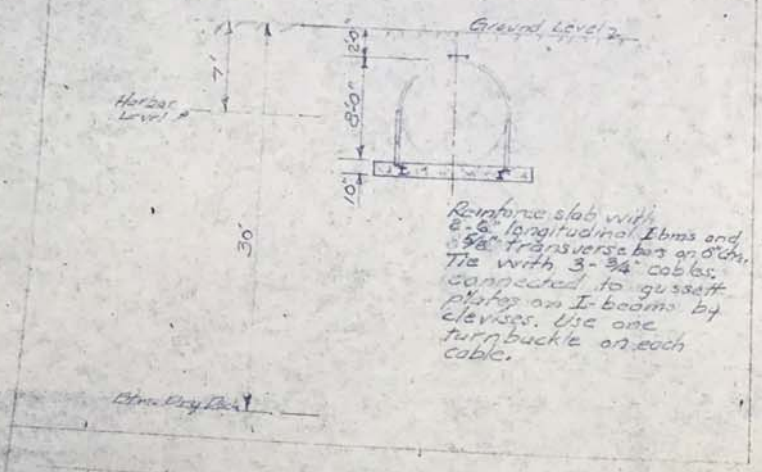
FUEL OIL STORAGE TANK
AMERICAN SHIPBUILDING CO.
OFFICE AND WAREHOUSE HEATING

R. J. MORAN & SONS INC.
361 - 365 DEWITT ST.
BUFFALO 13, NEW YORK
HEATING CONTRACTORS

9-30-53

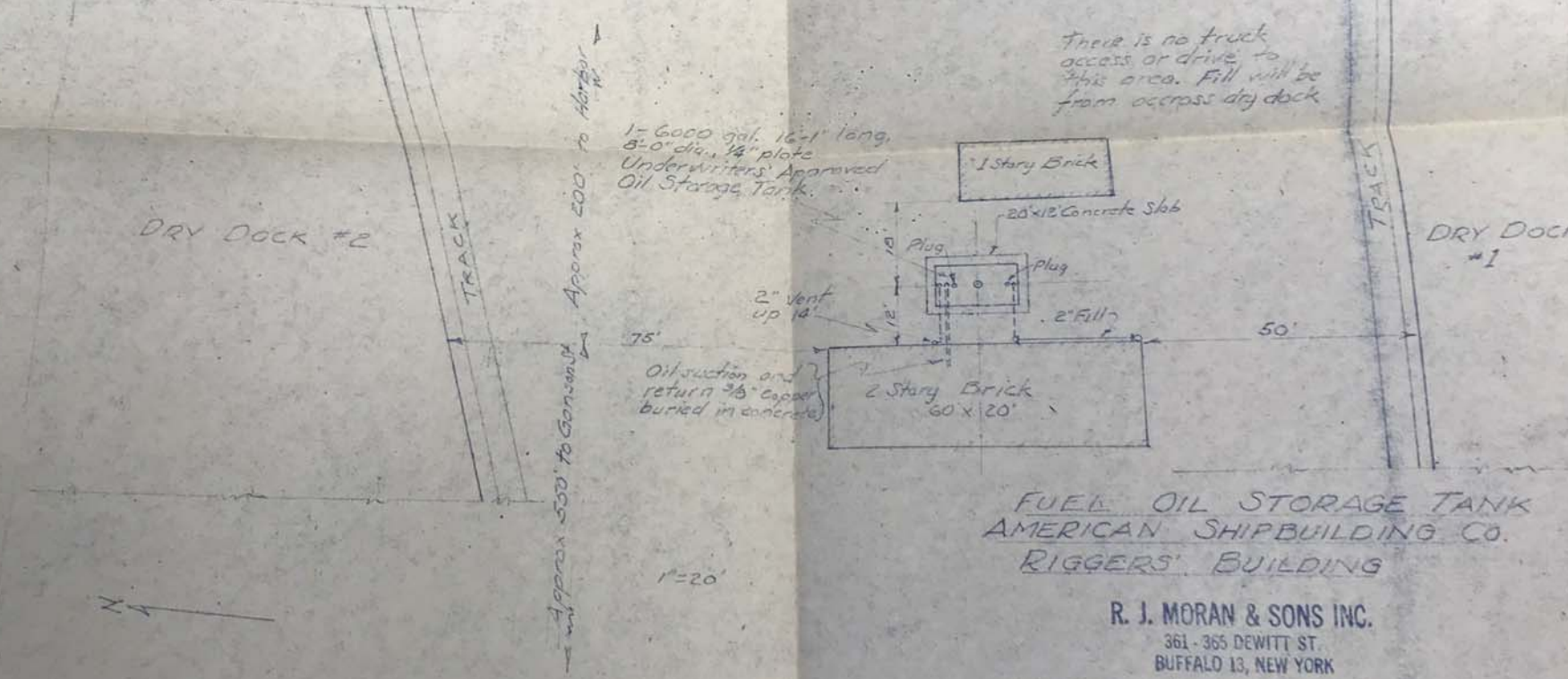
APPROVED
DEPARTMENT OF FIRE
Harold R Becker
Oct. 1st. 53
Rev. R.J. Zahn - D.C.

Off Site



Approved 10-7-53
Harold R. Burke
Comm of Fire Prev.

There is no truck access or drive to this area. Fill will be from across dry dock



FUEL OIL STORAGE TANK
AMERICAN SHIPBUILDING CO.
RIGGERS' BUILDING

R. J. MORAN & SONS INC.
361 - 365 DEWITT ST.
BUFFALO 13, NEW YORK
HEATING CONTRACTORS

10-2-53

BUFFALO

PAUL S. SHA
COMMISSIONER
851-533

DEPARTMENT
195 COURT
BUFFALO, N.Y

2-10-53.

Site:

191 Hanson St.

Acme Shuf Bldg Co.

1-6000 gal. #3 Fuel Oil Tank.

Application approved. Feb 10.53.

H Kirsch

H. Barker - R. J. Moran Co.

Off Site

IEF
VENTION
02

191 Hanson

ewark

C.
ENTION
ment

PAUL S. SHANKS
COMMISSIONER OF FIRE
851-5333
DEPARTMENT OF FIRE
195 COURT STREET
BUFFALO, N.Y. 14202

CITY OF BUFFALO
NEW YORK

FRED LARSON, CHIEF
851-5707
BUREAU OF FIRE PREVENTION
312 CITY HALL
BUFFALO, N.Y. 14202

June 12, 1991

191 Ganson St.

Mr. Tim Ruch
Downing Container Service
191 Ganson Street
Buffalo, New York - 14203

RE: 191 GANSON ST.

An inspection conducted on June 11, 1991 revealed that the premises were in compliance with the Fire Prevention Code.

Very truly yours,

Chester Pawarski

Chester Pawarski, Lt.
BUREAU OF FIRE PREVENTION
Buffalo Fire Department

CP/ch

CITY OF BUFFALO
NEW YORK

ALBERT G. DUKE
COMMISSIONER OF FIRE
855-5333
DEPARTMENT OF FIRE
195 COURT STREET
BUFFALO, N.Y. 14202

FRED LARSON, CHIEF
855-5707
BUREAU OF FIRE PREVENTION
312 CITY HALL
BUFFALO, N.Y. 14202

August 29, 1989

Mr. Tim Ruch
Downing Container Service
191 Ganson Street
Buffalo, New York - 14203

RE: 191 Ganson Street

An inspection of the above premises was conducted on this date. The work area was in good order and the business is in compliance with the local Fire Code.

Yours truly,

Paul Alico

Paul Alico, Lieutenant
BUREAU OF FIRE PREVENTION
Buffalo Fire Department

PA/ch

191 Ganson

TWO OF THESE TANKS
REMOVED 5-5-66 LT R.G KNOX

d 6/56)

BUFFALO FIRE DEPARTMENT
FLAMMABLE LIQUID ORDINANCE CHAP. XXIX
STORAGE AND USE

LOCATION 191 Ganson

APPLICATION [X]
INSTALLATION [X]
SURVEY [ ]

BATTALION 1st
COMPANY
DATE 9/27 1966

Gasoline & Diesel oil — TYPE OF LIQUID
1 & 3 — CLASS

COMMISSIONER OF FIRE:

LOCATION 191 Ganson st.
NAME Downing Container Co.
PURPOSE OF USE: COMMERCIAL (PRIVATE)
APPLICATION NO. 103036 Date: 9/28/66
PERMIT NO. A-33887 Date: "

CITY PROPERTY (CURB) [ ]
PRIVATE PROPERTY [X]
ZONED USE DISTRICT M-2
IS LICENSE REQUIRED? YES
CONTRACTOR Fleishman Service
ADDRESS 74 Hillen st.

TANKS:
Number of 3
Capacity of Each 2-4000 gal. 1-4000 Diesel
Capacity Total 8000 gal. 4000 Diesel
Above Ground NO
Feet Underground 3 FT
Ft. from Property Line 10'
Ft. from Street Line (Min. 10 ft.) 200'
Ft. from Cellar or Bldg. NO CELLAR
U. L. Label Numbers F21-3488
F21-3490 F21-348

Public Assemblage Bldg. within 300 ft.? NO (Sec. 82)
Less than 50 ft. from RR & docks? (Sec. 16, Chap. LXX)

FILL PIPE:
Size 4"
Located Outside yes
Ft. from Bldg. Opening
Protected against damage Good

VENT PIPE:
Number of 3
Size 2"
Terminates Outside
Ft. above Fill Pipe
Ft. from Bldg. Opening
Weatherproof hood
Flame Arrester

PUMPS:
Number of Pumps 2
Ft. from Bldg. Line
Ft. from Street Line (Min. 10 ft.)
U. L. Label Numbers
If inside bldg., are pumps protected as required by Sec. 148?

TESTS:
(Sec. 91) 10/4/66
APPROVED Capt. Bilger
DISAPPROVED

ALL TANKS, PUMPS AND PIPING, WILL BE ___, ARE ___, ARE NOT ___, INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY ORDINANCE, I THEREFORE, RECOMMEND

APPROVED [ ]
~~DISAPPROVED~~ [ ]

W. F. Corcoran TITLE Batt. Chief

APPROVED DATE 9/27/66

IMPORTANT: Include Remarks, Sketch of Tank and Pump Location on other side.
Forward copy to Bureau of Fire Prevention.

(Revised 6/56)

BUFFALO FIRE DEPARTMENT
FLAMMABLE LIQUID ORDINANCE CHAP. XXIX
STORAGE AND USE

APPLICATION [X]
INSTALLATION [ ]
SURVEY [ ]

BATTALION 1
COMPANY
DATE 10-29 1957

LOCATION 191 Lawson

Gasoline — TYPE OF LIQUID
1 — CLASS

COMMISSIONER OF FIRE:

LOCATION 191 CARSON
NAME American Shipbuilding Co
PURPOSE OF USE: COMMERCIAL PRIVATE
APPLICATION NO. Date: 10-29-57
PERMIT NO. Date:

~~CITY PROPERTY (CURB)~~
PRIVATE PROPERTY [X]
ZONED USE DISTRICT M-2
IS LICENSE REQUIRED? yes
CONTRACTOR FLEISCHMANN Service
ADDRESS 74 Skillen

TANKS:
Number of 1
Capacity of Each 2000
Capacity Total 2000
Above Ground No
Feet Underground 2½ plus
Ft. from Property Line 50 plus
Ft. from Street Line (Min. 10 ft.) 10 plus
Ft. from Cellar or Bldg. 20' From open dry dock - (See NOTE ON REAR)
U. L. Label Numbers

Public Assemblage Bldg. within 300 ft.? No (Sec. 82)
Less than 50 ft. from RR & docks? (Sec. 16, Chap. LXX) See NOTE ON REAR.

FILL PIPE:
Size
Located Outside
Ft. from Bldg. Opening
Protected against damage

VENT PIPE:
Off Site
Number of
Size
Terminates Outside
Ft. above Fill Pipe
Ft. from Bldg. Opening
Weatherproof hood
Flame Arrester

PUMPS:
Number of Pumps 1
Ft. from Bldg. Line
Ft. from Street Line (Min. 10 ft.)
U. L. Label Numbers
If inside bldg., are pumps protected as required by Sec. 148?

TESTS:
(Sec. 91) APPROVED
DISAPPROVED

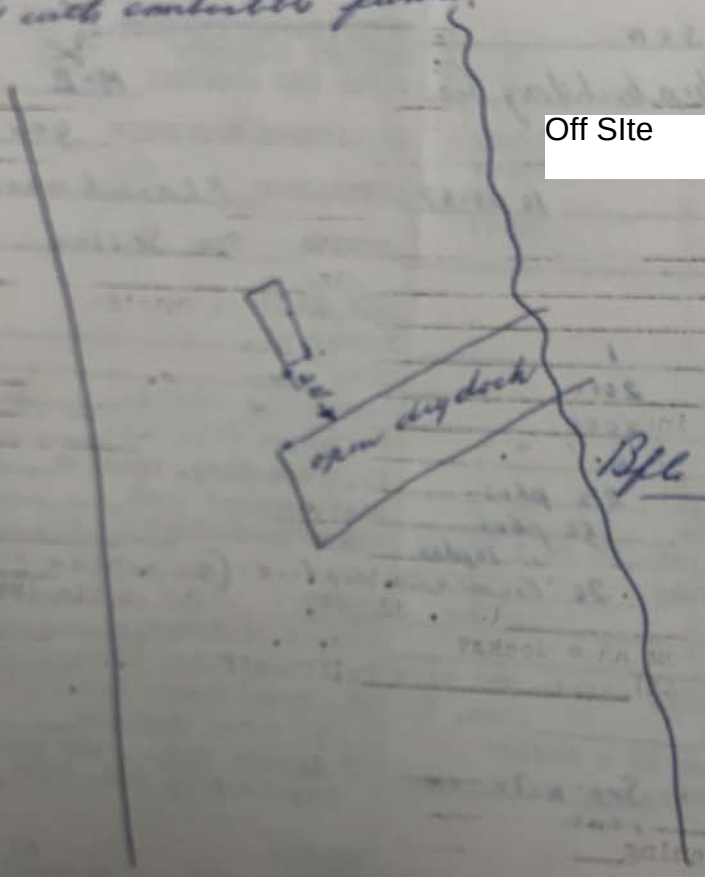
ALL TANKS, PUMPS AND PIPING, WILL BE X, ~~ARE~~, ~~ARE NOT~~, INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY ORDINANCE, I THEREFORE, RECOMMEND

APPROVED [X] John Barrett TITLE 1st. B.C.
~~DISAPPROVED~~ [ ]

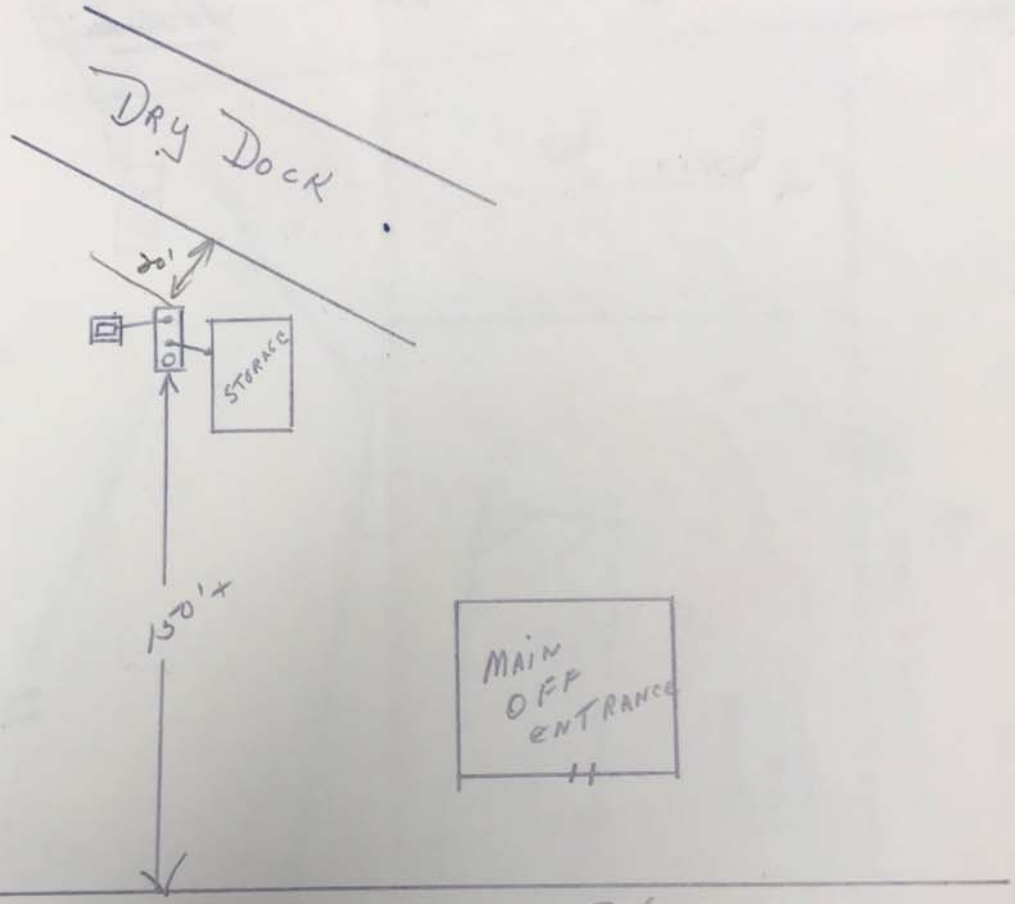
APPROVED William M. Daly DATE Oct 29, 1957

IMPORTANT: Include Remarks, Sketch of Tank and Pump Location on other side. Forward copy to Bureau of Fire Prevention.

Application is approved contingent upon the agreement to notify all underground pipe - new - this due to proximity to an open dry dock. Good judgment requires replacement of all old pipes since a leak could be hazardous to men working in the dock should it be filled with combustible fumes.



Off Site



AMERICAN Ship Builders 191 GANSON St.

Socony Mobil
130 PEARL St.
BUFFALO. NY

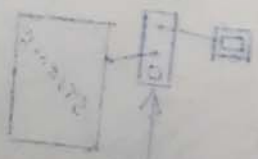
CONTRACTOR: FLEISCHMANN Sor.
74 SKILLEN St
BUFFALO N.Y.

May 8, 1963

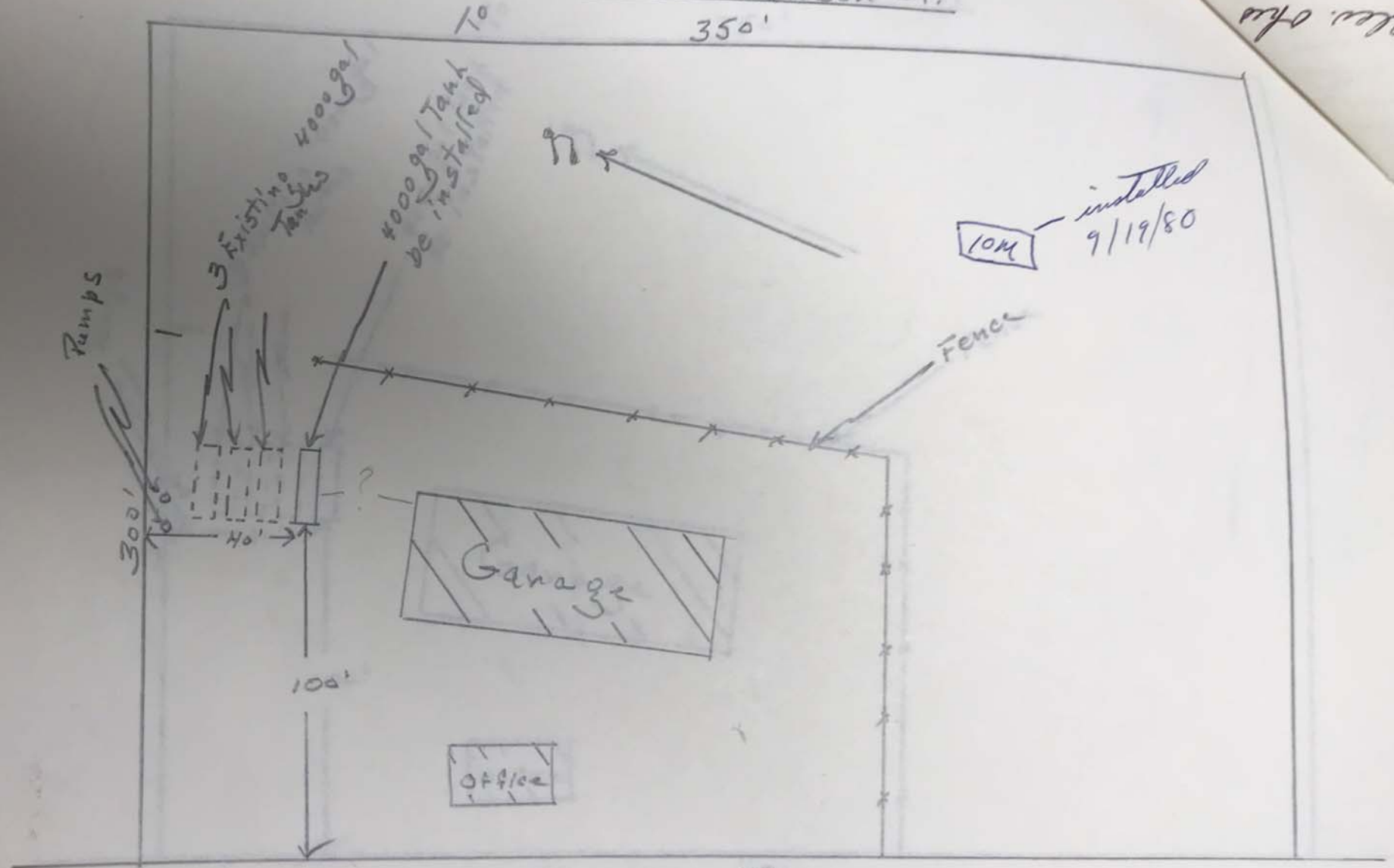
Tank watered by plant guard
not supervised by this Bureau.
Letter to American Ship Building Co. Clev. Ohio
advising of illegal procedure. no reply
to Letter of 5-21-63

Skalski

Off Site

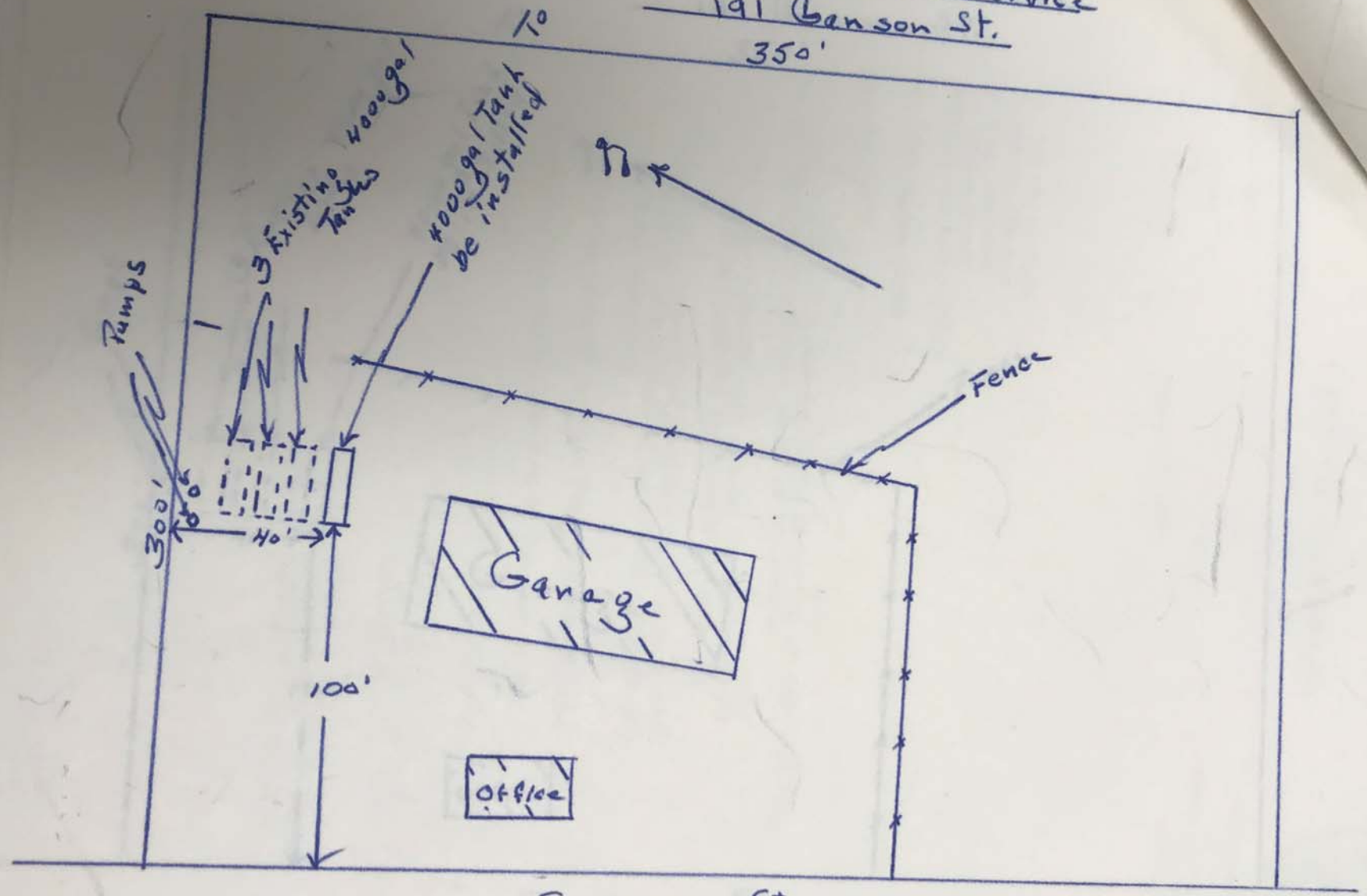


Downing Container Service
191 Ganson St.



Drawn by R. E. Kleinlist
K+T Pump + Tank Inc

Downing Container Service
191 Ganson St.



Drawn by R. E. Hindinst
K+T Pump + Tank Inc

Downing Container Service
191 Ganson St.

Drawn by R. E. Kimlinst
K+T Pumping Kinkline

GANSON ST.

CITY OF BUFFALO
NEW YORK

ALBERT G. DUKE
COMMISSIONER OF FIRE
855-5333
DEPARTMENT OF FIRE
195 COURT STREET
BUFFALO, N.Y. 14202

FRED LARSON, CHIEF
855-5707
BUREAU OF FIRE PREVENTION
312 CITY HALL
BUFFALO, N.Y. 14202

August 28, 1986

191 GANSON ST.

Mr. Timothy J. Ruch
Operations Manager
Downing Container
191 Ganson Street
Buffalo, New York - 14203

RE: 191 Ganson Street

Dear Mr. Ruch:

As a result of a Fire Department inspection at your facility, the following recommendations should be implemented:

(1) Outside storage tanks (waste, oil and kerosene) to be bunkered and protected by bollards.

(2) Oxygen, propane and acetylene tanks to be stored outside on pads chained and bollard or chain link fenced protected.

Property is protected by Wells Fargo Security System.

Protective bollards will be done by December of 86.

Sincerely yours,

Edward C. De Young (ch)

Edward C. DeYoung, Captain
BUREAU OF FIRE PREVENTION
Buffalo Fire Department

ECD/ch

cc: J. Johnston
Maintenance Manager

CANSON CT

CITY OF BUFFALO
NEW YORK

ERT G. DUKE
OMMISSIONER OF FIRE
855-5333
DEPARTMENT OF FIRE
195 COURT STREET
BUFFALO, N. Y. 14202

FRED LARSON, CHIEF
855-5702
BUREAU OF FIRE PREVENTION
312 CITY HALL
BUFFALO, N. Y. 14202

191 GANSON ST.

October 21, 1985

Mr. Timothy J. Ruch
Operations Manager
Downing Container
191 Ganson Street
Buffalo, New York - 14203

RE: 191 Ganson Street

Dear Mr. Ruch:

As a result of a Fire Department inspection at your facility, the following recommendations should be implemented:

1. Portable fire extinguisher locations should be marked with iridescent or luminous letters for easy identification.

2. The outdoor kerosene storage tank on the east wall should have protective posts around it. This would obviate any vehicular damage to the tank.

Henry Eckert, the maintenance manager, alluded to the plan to have the acetylene, oxygen and propane stored outside within thirty (30) days from this inspection date.

The office and cafeteria areas are all protected by a heat detection system wired into Wells Fargo Alarm Service Inc.

The balance of your facility conformed to all existing codes and standards.

Sincerely yours,

Edward C DeYoung

Edward C. DeYoung

cc: Henry Eckert
Maintenance Manager

ECD/ch

FPB COPY

191 GANSON

CITY OF BUFFALO

NEW YORK

ARTMENT OF FIRE
195 COURT STREET
BUFFALO, N. Y. 14202

JAMES D. GRIFFIN
MAYOR

FRED D. LANGDON
COMMISSIONER OF FIRE
855-5333

October 9, 1984

Mr. Timothy J. Ruch
Operations Manager
Downing Container
191 Ganson Street
Buffalo, New York 14203

RE: 191 Ganson Street

Dear Mr. Ruch:

In response to a Fire Department inspection at your facility, the following recommendations should be implemented:

1. The acetylene, oxygen, and propane stored and chained against the non-combustible wall should have a protective guard-rail to deter potential mechanical damage.

2. Portable fire extinguishers should be updated and locations marked with iridescent or luminous letters for easy identification.

3. There should be protective posts around the outdoor kerosene storage tank. This would obviate any vehicular damage to the tank.

The office and cafeteria areas are all protected by a heat detection system wired into Wells Fargo Alarm Service Inc., 856-4120.

The balance of your facility conformed to all existing codes and standards.

Sincerely yours,

Edward C. DeYoung

Edward C. DeYoung, Captain
BUREAU OF FIRE PREVENTION
Buffalo Fire Department

ECD/mc

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

APPLICATION FOR RESTRICTED BURNING PERMIT

Mr. G. McReak

R | LOCATION | PERMIT NUMBER

7 | B | | 0205

...11-3 for filing instructions and form 70-00-2 for address of office where application may be filed.

1. NAME OF APPLICANT
Downing Container Service Inc.

2. Street Address
191 Ganson Street

3. City, Town or Village | Zip | County
Buffalo | 14203 | Erie

4. PERSON SIGNING APPLICATION
1. [X] Employee of Applicant 2. [ ] Applicant

5. DATE OF APPLICATION
3/5/84

6. NAME
Timothy J. Ruch

7. TITLE
OPR. MGR. 853-6116

8. NAME OF PERSON SUPERVISING OPEN BURNING
Bflo. Fire & Safety Eq.-Paul Griffin

9. Phone
897-4014

10. Street Address
1850 Dale Road

11. City, Town or Village | Zip | County
Cheektowaga | 14225 | Erie

12. TYPE OF RESTRICTED BURNING PROPOSED
1. [ ] Residential on-site 2. [ ] Land clearing
3. [ ] Agricultural (fire town or town in Fire District)
4. [ ] Designated burning area serving a county, city, town or village
5. [ ] Designated site for burning of toxic, explosive or dangerous materials
6. [X] Other (Describe)
Fire Extinguisher Instruction

13. LOCATION OF OPEN FIRE
Downing Container Service
191 Ganson Street
Buffalo, New York 14203

14. TYPE AND AMOUNT OF MATERIAL TO BE BURNED
10 Gallon Gasoline

15. METHOD OF STARTING FIRE (SEE CONDITIONS ON REVERSE)
Flare at end of long Rod

16. REASONS NECESSITATING BURNING OF MATERIAL
Fire Extinguisher Instruction

17. AMOUNT OF TIME REQUIRED FOR RESTRICTED OPEN BURNING AND EXPECTED COMPLETION DATE
1 1/2 Hrs.

18. EMERGENCY METHOD FOR EXTINGUISHING FIRE (Describe)
Stand-By Fire Extinguishers

I AGREE TO ABIDE BY ALL CONDITIONS OF THE PERMIT. (See Reverse Side and Below)

DATE | APPLICANT'S SIGNATURE | TITLE
3/5/84 | X | Pres

19. RECOMMENDED ACTION
1. [X] Approved 2. [ ] Disapproved

20. DATE
3/5/84

21. SIGNATURE
X

22. REMARKS

PERMIT FOR RESTRICTED BURNING
(ISSUED PURSUANT TO 6NYCRR 191, 215 AND ENVIRONMENTAL CONSERVATION LAW)

23. DATE ISSUED | 24. BURNING DATES PERMITTED | 25. SIGNATURE OF APPROVAL | 26. TITLE
| | X |

THE FOLLOWING CONDITIONS APPLY IN ADDITION TO THOSE SPECIFIED ON THE REVERSE SIDE:

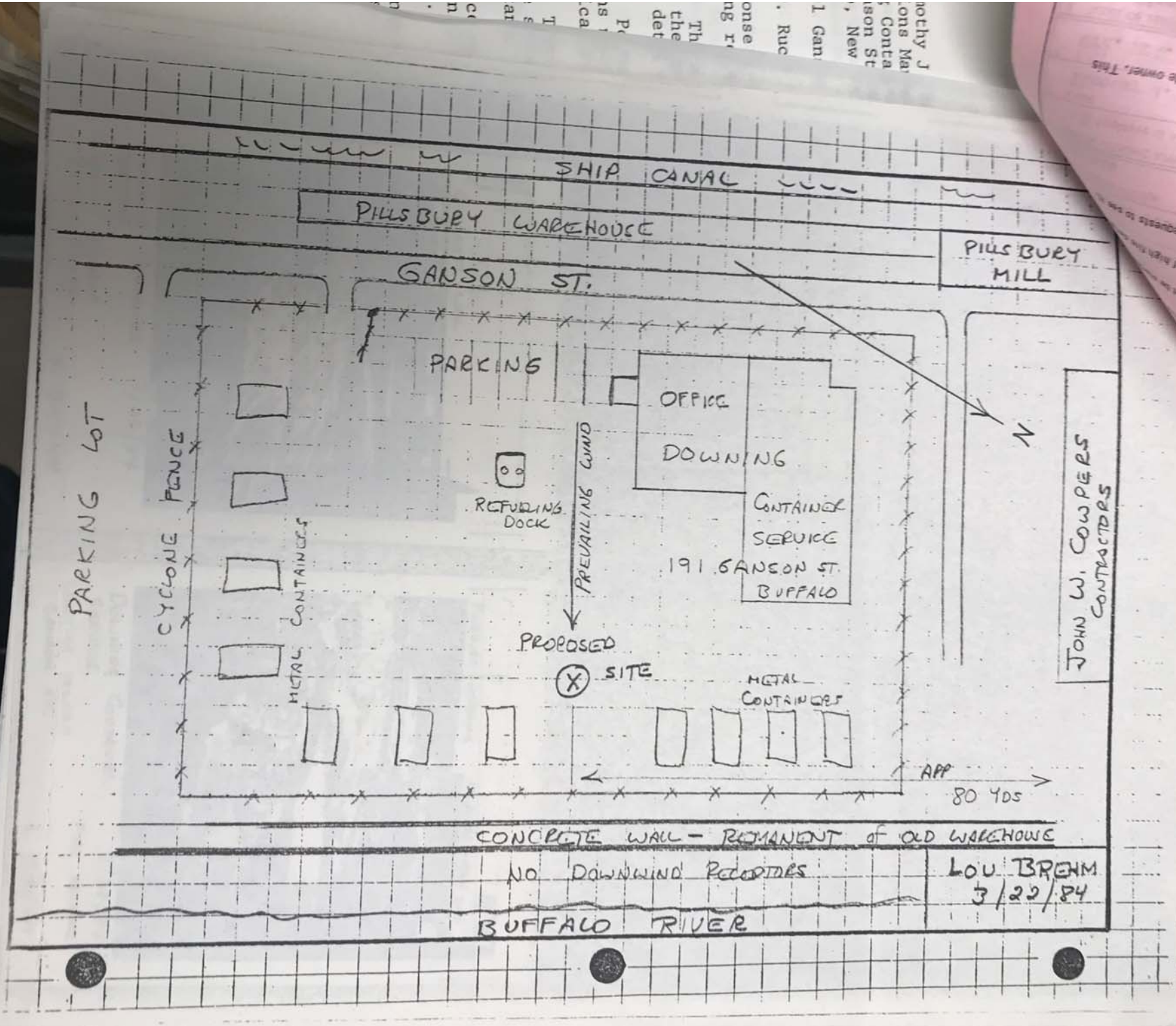
- AGENCY USE ONLY -

- AGENCY USE ONLY -

76-19-1 (6/79)

(OVER)

CANSON ST


SHIP CANAL
PILLSBURY WAREHOUSE
PILLSBURY MILL
GANSON ST.
PARKING
OFFICE
DOWNING
CONTAINER SERVICE
191 GANSON ST.
BUFFALO
REFUELING DOCK
PREVAILING WIND
PARKING LOT
CYCLONE FENCE
METAL CONTAINERS
PROPOSED
SITE
METAL CONTAINERS
JOHN W. COWPERS CONTRACTORS
N
APP
80 YDS
CONCRETE WALL - REMNANT OF OLD WAREHOUSE
NO DOWNWIND RECEPTORS
LOU BRENM
3/22/84
BUFFALO RIVER



DOWNING CONTAINER SERVICE 3/22/84

LOOKING TOWARDS BUFFALO RIVER

L. BREHM



DOWNING CONTAINER SERVICE 3/22/84

LOOKING TOWARD GANSON ST.

FIRE TRAINING

L. BREHM

DOWNING
CONTAINER
SERVICE
BUFFALO
FUHRMANN
BLVD
SKYWAY
Heliport
4747000m N
OUTER
HARBOR
4746
4745
4744
50'
Lt
Stony
Pt
Lights
LACKAWANNA
Athletic
Field
IMPACT
ACR
O'CONNELL
St Francis
Sch
PS 34
SOUTH
ST
NEW YORK
CENTRAL
RIVER
BUFFALO
KATHARINE
Playground
PS 28
BUFFALO
South Ear
KOESTER
PRIES
FOSTER
HOPKINS
Holy Family
Sch
CRYSTAL
LOCKWOOD
W WOODSIDE
TIFFT
MARILLA
BALTIMORE
CANAL
UNION
SOUTH PARK
PS 4
583
587
582
592
586
580

191 GANSON

August 19, 1982

Mr. Jesse Johnston
Downing Container
191 Ganson Street
Buffalo, New York 14203

RE: 191 Ganson Street

Dear Mr. Johnston:

An inspection of the premises at the above-noted address revealed that the buildings comply with our fire codes and have adequate fire protection in place, and good housekeeping.

Sincerely,

Charles T. Laudico, Lieutenant
BUREAU OF FIRE PREVENTION
Buffalo Fire Department

CTL/mc

191 GANSON ST.

July 24, 1981

Mr. Robert Bangert
Downing Container
191 Ganson Street
Buffalo, New York 14203

RE: 191 Ganson Street

Dear Sir:

An inspection of your complex revealed adequate fire protection equipment in place, and good housekeeping.

Recommendation for exit signs over exit doorways was made.

Sincerely,

Peter McCafferty, Lieutenant
BUREAU OF FIRE PREVENTION
Buffalo Fire Department

PM/mc

191 GANSON ST.

DEPARTMENT OF PUBLIC WORKS
CITY OF BUFFALO
NEW YORK

August 10, 1965

Morris & Reimann Wreckers, Inc.
4000 N. Bailey Avenue
Buffalo, New York

Re: Dump Permit

Gentlemen:

Upon due application and approval of concerned parties, permission is hereby granted to dump stone and clay only on Ganson Street in the slip located in the American Ship Building Yard, for the purpose of filling said land to grade. A condition of this permit being that the top of slope is to be a minimum of 30 feet from existing caisson gate in slip.

This permit is subject to immediate revocation for any infraction of Chapter IV, Section 29 (Dumps) and Chapter VII, Section 179 (Open Fires) of the City Ordinances and will not bar prosecution for any and all violations of any and all City Ordinances.

Very truly yours,

Edward D. Baxter

Edward D. Baxter
Commissioner of Public Works

EDB:BEK
smk
cc: Erie County Health Commissioner
Commissioner of Fire
Commissioner of Police
Law Department
Stationary Engineers

DEPARTMENT OF PUBLIC WORKS

2501 City Hall

(To be made out in 5 Copies)

APPLICATION FOR DUMP PERMIT

Date July 27, 1965

Location of Dump Area Ganson Street, American Ship Building

Name of Owner of Property American Ship Building

Responsible Party and/or Parties To be Available:

Name Morris & Reimann Wreckers, Inc. Address 4000 N. Bailey, Bflo 26 Phone T.F.3-4000

Name _____ Address _____ Phone _____

Type of Material to be Dumped solid fill

Name of Trucking Contractors or Concerns or People Allowed to Use Premises; and Written Authorization Issued to By the Permit Holder Submitted on a Separate Sheet to be Attached to this Application. (Every Driver or Persons Must Have This Authorization on His Person and Be Shown on Request of Enforcement Agency.)

Top of slope to be a minimum of 30' from existing caisson gate in slip.

Name and Address of Supervisor or Guards Assigned to Premises; All Changes to be Reported At Once.

Name Warren Specht, Superintendent Address 65 Chamberlin Dr., W. Seneca, NY

Name Nelson J. Reimann, President Address 80 Ridgewood Dr,. Buffalo, NY 14226

Name _____ Address _____

Name _____ Address _____

Source of water and Size and Length of Hose on Premises for Extinguishing of Fires or Quenching Standard Hydrants and Buffalo River available

Plot Plan to be Sketched on Back Showing Entrance and Exits, Adjacent Property and Water Source.

I have received a copy of Chapter IV, Section 29 - "Regulation of Dumps" and agree to comply.

Nelson J. Reimann
Responsible Party

Approved Thos. A. Hearn 7/28/65
Chief ~~Combustion Inspector~~ Examiner

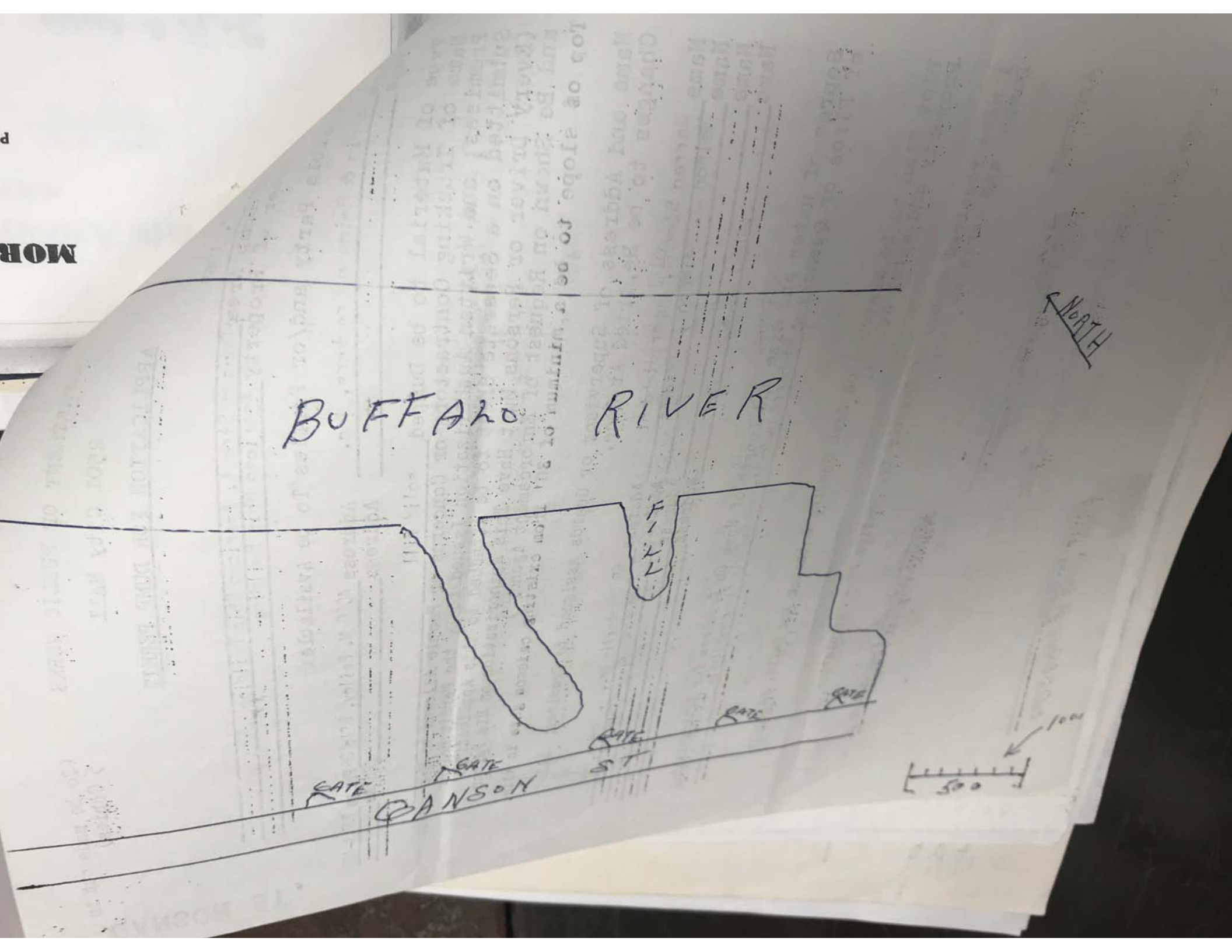
E. O'Hearn 7-28-65
Chief, Fire Prevention Bureau

Letter of Approval to be Issued.

Edward D. Baxter
Edward D. Baxter
Commissioner of Public Works

GANSON ST,

GANSON ST.


NORTH
BUFFALO RIVER
FILL
GATE
GATE
GATE
GATE
GATE
CANSON ST
100
500

MORRIS & REIMANN INC.
WRECKERS

PHONE TF 3-4000 4000 N. BAILEY AVE.
BUFFALO 26, N. Y.

July 27, 1965

TO WHOM IT MAY CONCERN:

In regards to dumping at the American Ship Building Yard located on Ganson Street. We intend only to dump solid fill in the remaining partially filled slip and material is being dumped into the water.

The property is fenced and locked and keys have been given to the police and fire departments.

Hydrants and the river are available on the property for pumping water.

Hoping that these applications meet with your approval, I remain

Indebtedly yours,

MORRIS & REIMANN WRECKERS, INC.

Nelson J Reimann

Nelson J. Reimann

NJR/kam

GANSON ST.

THE AMERICAN SHIP BUILDING COMPANY

SHIP BUILDERS AND ENGINEERS

CLEVELAND 2, OHIO

May 21, 1963

191 Ganson

RECEIVED
BUREAU OF FIRE PREVENTION
MAY 1963

Mr. J. S. Smutko
American Ship Building
Foot of West 54th Street
Cleveland 2, Ohio

May 8, 1963

Re: Safeguarding Underground Tank
191 Ganson Street, Buffalo, N. Y.

Dear Sir:

We have for acknowledgment your letter of May 8, 1963 in regard to the above matter.

Upon contacting Mr. Davidson at the Buffalo Plant, it was disclosed that Mr. Davidson performed the work of safeguarding and no licensed contractor was engaged for this service.

In our letter of April 23, 1963 which stated that the services of a contractor licensed according to Buffalo Flammable Liquid Ordinance, Chapter XXIX, Article II, Section 26, was to perform the safeguarding procedures.

It is also necessary for a member of this Bureau to witness the safeguarding procedures on all tanks in the City of Buffalo.

Mr. Davidson's attempt to perform the safeguarding without our knowledge has put him in a position where he is in violation of the aforementioned Chapter XXIX.

It is now imperative you contact a licensed contractor in the City of Buffalo to see if the work of safeguarding has been performed properly.

Please advise this Bureau when you have selected a contractor, supplying his name, address, and date when work is to be accomplished.

If you have any further questions regarding this matter, please contact Inspector J. E. Skalski, Bureau of Fire Prevention, 2301 City Hall, Buffalo, New York.

Very truly yours

JES:RC

G. C. Uhrich, Chief
BUREAU OF FIRE PREVENTION

THE AMERICAN SHIP BUILDING COMPANY

SHIP BUILDERS AND ENGINEERS

GENERAL OFFICES
Foot of West 54th Street
Cleveland 2, Ohio

CHICAGO YARD
101st Street & Calumet River
Chicago 17, Illinois

LORAIN YARD
Colorado Avenue
Lorain, Ohio

TOLEDO YARD
2245 Front Street
Toledo 5, Ohio

CABLE ADDRESS: "AMERSHIP"

CLEVELAND 2, OHIO

RECEIVED
BUREAU OF FIRE PREVENTION
MAY 8 1963
AM 7,8,9,10,11,12,1,2,3,4,5,6 PM

May 8, 1963

City of Buffalo, New York
Bureau of Fire Prevention
2301 City Hall
Buffalo, New York

off site

Attention: Mr. G. C. Uhrich, Chief

Subject: Underground Tank & Dispensing Pump
191 Ganson Street, Buffalo, New York

Gentlemen:

We have for acknowledgment your letter of April 29, 1963. In regard to the above subject matter, this tank has now been filled with water and capped as per your letter.

Should you desire to inspect this tank, please contact our Mr. Arden Davidson, the guard at our plant, to see if it satifies the requirements of the Ordinance.

Yours very truly,

THE AMERICAN SHIP BUILDING COMPANY

J. S. Smutko

J. S. Smutko
Manager of Materials

JSS/ng
cc: Mr. Arden Davidson
Chippewa Road
Angola, New York

GANSON ST

April 29, 1963

American Ship Building
Foot of West 54th Street
Cleveland 2, Ohio

Re: Underground Tank & Dispensing Pump
191 Ganson Street, Buffalo, N. Y.

Gentlemen:

A recent inspection of the above premises by the Bureau of Fire Prevention has disclosed there is an out-of-use underground tank and dispensing pump.

You are hereby notified the tank must be safeguarded.

Enclosed is an excerpt of Sections 98 and 99 of Chapter 29, Buffalo Flammable Liquid Ordinance for your information pertaining to your particular situation and the necessary measures to be taken.

If you foresee no further use of the tank in the future, it would be advisable to follow the procedure underlined in Section 99 paragraph (c)

A contractor licensed according to Buffalo Flammable Liquid Ordinance, Chapter XXIX, Article II, Section 26 must perform the safeguarding procedures aforementioned.

Please advise this Bureau of your intentions for the above location at your earliest convenience.

If you have any further questions regarding this matter, please contact Inspector J. E. Skalski, Bureau of Fire Prevention, 2301 City Hall, Buffalo, New York.

Very truly yours

JES:RC
Enclosure 1

G. C. Uhrich, Chief
BUREAU OF FIRE PREVENTION

TANK WATERED

BUREAU OF FIRE PREVENTION

Date 1-23-1963

Time Entered Building

Time Left

191 GANSON

Construction SHIP YARD Stories Area

Address FOOT OF W. 54TH ST. CLEVE. OHIO

Owner AMERICAN SHIP BUILDING Address

Occupant SAME Address No. Tenants

Occupancy Supply

Sprinklers: Wet ☐ Dry ☐ Condition

Location, Shut-off Valves

Standpipe No. Location Siamese Conn. Location

Condition Water Supply

Portable Fire Apparatus—No. & Kind on each floor off site Condition

Fire Appliance Recommended: Kind

Location

Stairways: Number & Location Enclosed

Fire Escapes: Number - Location - Type

Elevators: Number - Location - How Enclosed

Do Elevator Gates Work Properly? Condition of Pit

Has building fire doors? Condition

Will they work? If not automatic, are they kept closed?

Are openings through fire walls protected?

Are floors overloaded? What floors

What conditions are skylights in?

Is there a ladder to scuttle in roof of building? Condition

Are all openings in floors protected?

Heating system: Type Fuel

Fuel Oil Tank: Capacity Location

Volatile liquids—Oils or Acids Quantity

Where kept?

Main Shut-off: Gas Electric

Any Violations of Laws or Ordinances?

Condition of Building Premises

Re-inspected

Whom interviewed

Inspector J. C. Skalski Company Officer

Batt. Chief

(OVER) Use other side for Recommendations, Remarks and Sketches

VIOLATIONS AND FLOOR FOUND ON

Aisles, insuffient or blocked

Ashes in wooden boxes, etc.

Acids, dangerous, not placarded

Baled papers, storing too much of

Chimney defective

Celluloid improperly stored

Concealed spaces

Doors or windows, blocked or nailed

Are there sufficient exits?

No zinc under stoves, etc.

No hood or vent over ranges, etc.

No metal cans for oily rags, etc.

No metal bins for excelsior, etc.

Ovens, etc., not properly protected

Partitions, too near stoves, etc.

Rubbish in yard or building

Rubber hose on gas appliances

Smoke pipes too near woodwork

Steam pipes, too near woodwork or stock

Storing explosives contrary to law

Ventilators full of grease, dust, etc.

Windows to fire escapes, out of order

QUESTIONS — Yes or No

Did you examine behind machines, ranges, shelves, benches, under stairs, dressing rooms, lockers, etc., for litter and fire hazards?

Is boiler room kept clean, cut off?

Are there any loose electric wires?

Do they use paper shades on electric lights, or tie up wires on nails, pipes, etc.?

Do they use any oil or electric appliances which would be likely to cause a fire?

Do they use any substance which would be detrimental to firemen in case of fire? If so, what is it, where is it stored and what quantities is carried in stock?

Occupant in Violation and Floor Found On

4-23-63 - ABANDON PUMP AND 2000 GAL

4-27-63 - LETTER TO HOME OFFICE IN CLEVELAND, OHIO

5-16-63 CONTACTED MR DAVIDSON AT BUFFALO PLANT. HE DISCLOSED HE WATERED DOWN THE TANK HIMSELF.

5-21-63 LETTER TO J. S. SMUTKO - CLEVELAND

off site

191 Ganson St

47. At the request of Dr. Stellbrecht - Comm. Ship Build Co. checked the Punch Ship Bldg for the installation of 2 Fuel Oil Furnaces on the 2nd floor. when they plan to to equip a wood work shop.

Plans call for the installation of Two - Mor-Flo Fuel Oil Burning Warm Air Furnaces - to be used with a fan system for air distribution. The supply tank effect 750 gal. was to be placed on the roof of the one story section of the bldg - this I explained would not be accepted. Advised them to place tank in the yard near a fence and pump the Oil to a small reservoir tank - 25 or 30 gal, on the roof.

Feb. 3-47 Fuel oil Furnaces installed - 2 tanks placed in yard. and oil pumped to a reservoir tank on the roof. Fuel line to the Furnaces is run around the outside of the bldg to the front of furnace location before entering bldg. Both Storage tanks and reservoir tank are properly vented - and the overflow from the reservoir tank is returned to the storage tanks - Installation OK J.O.B. Installation work by Joe Diebold.

F-6

Fire investigation

BUFFALO FIRE DEPARTMENT — FIRE PREVENTION SERVICE

Date July 27, 1943

Time Entered Building

Time Left

Building Located at 191 Jauson St. Construction Concrete Stories 1

Owner Amer. Shipbuilding Co. Address same

Occupant Buffo. Dry Dock Address

Occupancy ~~Shipbuilding~~ + repair - pumphouse No. Tenants

Sprinklers: Wet ☐ Dry ☐ Condition Supply

Location, Shut-off Valves

Standpipe No. Location Siamese Conn. Location

Condition Water Supply

Portable Fire Apparatus—No. & Kind on each floor Condition

Fire Appliance Recommended: Kind

Location

Stairways: Number & Location Condition

Fire Escapes: Number - Location - Type

Elevators: Number - Location - How Enclosed?

Do Elevator Gates Work Properly? Condition of Pit

Has building fire doors? Condition

Will they work? If not automatic, are they kept closed?

Are openings through fire walls protected?

Are floors overloaded? What floors

What conditions are skylights in?

Is there a ladder to scuttle in roof of building? Condition

Are all openings in floors protected?

Heating system: Type Fuel

Fuel Oil Tank: Capacity Location

Volatile liquids—Oils or Acids Quantity

Where kept?

Main Shut-off: Gas Electric

Any Violations of Laws or Ordinances?

Condition of Building

Condition of Premises Re-inspected

Whom interviewed Mr. Art Laird

Signature: Inspector Herbert F. Curthoys

Company Officer

Batt. Chief

Use other side for Recommendations or Remarks

VIOLATIONS AND FLOOR FOUND ON

Aisles, insuffient or blocked

Ashes in wooden boxes, etc.

Acids, dangerous, not placarded

Baled papers, storing too much of

Chimney defective

Celluloid improperly stored

Doors or windows, blocked or nailed

Are there sufficient exits?

No zinc under stoves, etc.

No hood or vent over ranges, etc.

No metal cans for oily rags, etc.

No metal bins for excelsior, etc.

Ovens, etc., not properly protected

Partitions, too near stoves, etc.

Rubbish in yard or building

Rubber hose on gas appliances

Smoke pipes too near woodwork

Steam pipes, too near woodwork or stock

Storing explosives contrary to law

Ventilators full of grease, dust, etc.

Windows to fire escapes, out of order

QUESTIONS — Yes or No

Did you examine behind machines, ranges, benches, under stairs, dressing rooms, lockers, etc., for fire hazards?

Is boiler room kept clean?

Are there any loose electric wires?

Do they use paper shades on electric lights, or tie up wires on nails, pipes, etc.?

Do they use any oil or electric appliances which would be likely to cause a fire and did you order it protected?

Do they use any substance which would be detrimental to firemen in case of fire? If so, what is it, where is it stored and what amount is carried in stock?

Name of Occupant in Violation and Floor Found On

Overheated power line

Check re Oil Furnace Tanks. See Note

System Complete - OK SRB See Note.

Patrick

Hunt

CITY OF BUFFALO

NEW YORK

DEPARTMENT OF FIRE
195 COURT STREET
BUFFALO, N. Y. 14202

JAMES D. GRIFFIN
MAYOR

FRED D. LANGDON
COMMISSIONER OF FIRE
855-5333

October 9, 1984

36

Mr. Timothy J. Ruch
Operations Manager
Downing Container
191 Ganson Street
Buffalo, New York 14203

RE: 191 Ganson Street

191 Ganson

Dear Mr. Ruch:

In response to a Fire Department inspection at your facility, the following recommendations should be implemented:

1. The acetylene, oxygen, and propane stored and chained against the non-combustible wall should have a protective guard-rail to deter potential mechanical damage.

2. Portable fire extinguishers should be updated and locations marked with iridescent or luminous letters for easy identification.

3. There should be protective posts around the outdoor kerosene storage tank. This would obviate any vehicular damage to the tank.

The office and cafeteria areas are all protected by a heat detection system wired into Wells Fargo Alarm Service Inc., 856-4120.

The balance of your facility conformed to all existing codes and standards.

Sincerely yours,

Edward C. DeYoung

Edward C. DeYoung, Captain
BUREAU OF FIRE PREVENTION
Buffalo Fire Department

ECD/mc

James D. Griffin
Mayor

CITY OF BUFFALO
NEW YORK

ALBERT G. DUKE
COMMISSIONER OF FIRE
855-5333
DEPARTMENT OF FIRE
195 COURT STREET
BUFFALO, N.Y. 14202

FRED LARSON, CHIEF
855-5707
BUREAU OF FIRE PREVENTION
312 CITY HALL
BUFFALO, N.Y. 14202

August 4, 1987

Mr. Timothy J. Ruch
Operations Manager
Downing Container
191 Ganson Street
Buffalo, New York - 14203

RE: 191 Ganson Street

Dear Mr. Ruch:

As a result of a Fire Department inspection at your facility, the following recommendations should be implemented:

(1) Outside storage tanks (waste oil and kerosene to be bunkered and protected by bollards.

(2) Oxygen, propane and acetylene tanks to be stored outside on pads chained and bollard or chain link fence protected.

Property is protected by Wells Fargo Security System.

Sincerely yours,

Edward C DeYoung

Edward C. DeYoung, Captain
BUREAU OF FIRE PREVENTION
Buffalo Fire Department

ECD/ch

cc: Henry Eckert
Maintenance Manager

191 GANSON ST.

TANKS--Removed, Watered, or Slushed

Location 145 Dorr

Removed X Make sure vent is removed.

Slushed ___ Make sure vent is removed at grade or below.

Watered ___ If it is expected to be watered for 3 years, be sure pump is removed and suction and vent capped.

Number of Tanks 3-4000 + 1-2000 Sizes all Diesel Fuel

Owner of Premises Lake Erie Transportation

Present or Former Operator

Brand Name of Gasoline

Owner of Tank Same

Address Same

Contractor Hogan Tank

Address

Draw sketch of approximate location on property on reverse side. Also, any other pertinent information.

INSTRUCTIONS BELOW THIS LINE FOR OFFICE USE ONLY.

Observed removal + cutting/cleaning - Ft. Calhoun

If station had flammable liquid license, notify the Battalion Chief to have company remove from files. If station is still in business, make note on Form 29 of which tank or tanks have been removed, slushed, or watered and date of same.

PZ:RC
5/28/63

Location 145 Dorr

Date 6-4-63

F. W. BURNETT, INC.

vised 6/56)

BUFFALO FIRE DEPARTMENT
FLAMMABLE LIQUID ORDINANCE CHAP. XXIX
STORAGE AND USE

LOCATION 145 GANSON

LICATION / STALLATION / URVEY [X]

BATTALION 1
COMPANY E10
DATE Apr 12 1960

Diesel Fuel — TYPE OF LIQUID
III — CLASS

COMMISSIONER OF FIRE:

LOCATION 145 Ganson
NAME Carbon Truck Service
PURPOSE OF USE: ~~COMMERCIAL~~ PRIVATE
APPLICATION NO. 8x105 Date:
PERMIT NO. 13679 Date:

CITY PROPERTY (CURB) [ ]
PRIVATE PROPERTY [X]
ZONED USE DISTRICT M2
IS LICENSE REQUIRED? yes
CONTRACTOR Fleischmann Service
ADDRESS 74 Abiller st

TANKS:
Number of 1 New 1 existing
Capacity of Each 3000 new 1000 Exist
Capacity Total 4000
Above Ground no
Feet Underground 3' +
Ft. from Property Line 20
Ft. from Street Line (Min. 10 ft.) 30
Ft. from Cellar or Bldg. 10
U. L. Label Numbers D 619 285
Public Assemblage Bldg. within 300 ft.? no (Sec. 82)
Less than 50 ft. from RR & docks? (Sec. 16, Chap. LXX) not in violation

VENT PIPE:
Number of 1 new
Size 2"
Terminates Outside yes
Ft. above Fill Pipe 12' +
Ft. from Bldg. Opening 10
Weatherproof hood yes
Flame Arrester yes

PUMPS:
Number of Pumps 2 existing
Ft. from Bldg. Line 3
Ft. from Street Line (Min. 10 ft.) 30
U. L. Label Numbers
If inside bldg., are pumps protected as required by Sec. 148?

FILL PIPE:
Size 3"
Located Outside yes
Ft. from Bldg. Opening 5' +
Protected against damage yes

TESTS:
(Sec. 91)
APPROVED A. Graber 4-12-60
DISAPPROVED

ALL TANKS, PUMPS AND PIPING, ~~WILL BE~~ ___, ARE X, ~~ARE NOT~~ ___, INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY ORDINANCE, I THEREFORE, RECOMMEND

APPROVED [X]
DISAPPROVED [ ]

Arthur Graber TITLE 1st Batt Chief

APPROVED _____ DATE _____

IMPORTANT: Include Remarks, Sketch of Tank and Pump Location on other side. Forward copy to Bureau of Fire Prevention.

E W. BURNETT, INC.

evised 6/56)

BUFFALO FIRE DEPARTMENT
FLAMMABLE LIQUID ORDINANCE CHAP. XXIX
STORAGE AND USE

LICATION [X]
STALLATION
URVEY

Gasolene — TYPE OF LIQUID
1 — CLASS

BATTALION 1st.
COMPANY
DATE Mar. 24, 19 66

LOCATION 145 Ganson

COMMISSIONER OF FIRE:

LOCATION 145 Ganson St.
NAME Carlson Trucking

CITY PROPERTY (CURB) [xxx]
PRIVATE PROPERTY
ZONED USE DISTRICT M-2

PURPOSE OF USE: ~~COMMERCIAL~~ ~~PRIVATE~~ Date:

IS LICENSE REQUIRED? Yes

APPLICATION NO. Date:

CONTRACTOR Elmwood Electric Co.

PERMIT NO. Date:

ADDRESS 810 Elmwood

TANKS: 1-4,000 Gal.
Number of
Capacity of Each ~~4,000 Gals.~~
Capacity Total 4,000 Gal
Above Ground
Feet Underground
Ft. from Property Line
Ft. from Street Line(Min.10 ft.)
Ft. from Cellar or Bldg.
U. L. Label Numbers

Public Assemblage Bldg. within 300 ft.? (Sec. 82)

Less than 50 ft. from RR & docks? (Sec. 16, Chap. LXX)

FILL PIPE:
Size
Located Outside
Ft. from Bldg. Opening
Protected against damage

VENT PIPE:
Number of
Size 2"
Terminates Outside
Ft. above Fill Pipe
Ft. from Bldg. Opening
Weatherproof hood
Flame Arrester

PUMPS:
Number of Pumps
Ft. from Bldg. Line
Ft. from Street Line(Min. 10 ft.)
U. L. Label Numbers
If inside bldg., are pumps protected as required by Sec. 148?

TESTS:
(Sec. 91)
APPROVED
DISAPPROVED

ALL TANKS, PUMPS AND PIPING, WILL BE ____, ARE____, ARE NOT ____, INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY ORDINANCE, I THEREFORE, RECOMMEND

APPROVED [x]
DISAPPROVED [ ]

A C Bilgen TITLE Act 1st BC

APPROVED Robert E. Howard Jr. By W. J. McMahon Act. Dep. Comm. DATE

1

IMPORTANT: Include Remarks, Sketch of Tank and Pump Location on other side.
Forward copy to Bureau of Fire Prevention.

145 Gonson St

Proposed 4' door

Existing 3'-0" door

Garage Old

BUR

145 GANSO

ised 6/56)

ICATION
ALLATION
RVEY

COMMISSIONER OF FIRE:

LOCATION 145 Ganson

NAME Carlson

PURPOSE

APPL

3/29 adj.

BU
FLAMMABLE

Gasoline

TYPE OF LIQU

E W. BURNETT, INC.
145 GANSON STREET • BUFFALO, NEW YORK 14203 • (716) 856-8300 • FAX (716) 856-0760

(Revised 6/56)

BUFFALO FIRE DEPARTMENT
FLAMMABLE LIQUID ORDINANCE CHAP. XXIX
STORAGE AND USE

APPLICATION [X] 3/29 acj.
INSTALLATION [X]
SURVEY [X]

~~Gasolene~~ Diesel — 3 — BATTALION 1st.
TYPE OF LIQUID — CLASS — COMPANY
DATE Mar. 24, 19 66

LOCATION 145 Ganson

COMMISSIONER OF FIRE:

LOCATION 145 Ganson St.
NAME Carlson Trucking
PURPOSE OF USE: ~~COMMERCIAL~~ PRIVATE
APPLICATION NO. A31818 Date:
PERMIT NO. 100804 Date:

CITY PROPERTY (CURB)
PRIVATE PROPERTY [XXX]
ZONED USE DISTRICT M-2
IS LICENSE REQUIRED? Yes
CONTRACTOR Elmwood Electric Co.
ADDRESS 810 Elmwood

TANKS:
Number of 1-4,000 Gal.
Capacity of Each 4,000 Gals.
Capacity Total 7,000 Gal
Above Ground —
Feet Underground 3
Ft. from Property Line 15
Ft. from Street Line(Min.10 ft.) 20
Ft. from Cellar or Bldg. 10'
U. L. Label Numbers E-833600

Public Assemblage Bldg. within 300 ft.? no (Sec. 82)
Less than 50 ft. from RR & docks? (Sec. 16, Chap. LXX) No

FILL PIPE:
Size 4"
Located Outside Yes
Ft. from Bldg. Opening 28'
Protected against damage Yes

VENT PIPE:
Number of 1
Size 2"
Terminates Outside Yes
Ft. above Fill Pipe 20'
Ft. from Bldg. Opening 8'
Weatherproof hood Yes
Flame Arrester Yes

PUMPS:
Number of Pumps 1
Ft. from Bldg. Line 50'
Ft. from Street Line(Min. 10 ft.) 35
U. L. Label Numbers
If inside bldg., are pumps protected as required by Sec. 148?

TESTS:
(Sec. 91)

APPROVED C J Burnett
DISAPPROVED

ALL TANKS, PUMPS AND PIPING, WILL BE ___, ARE X, ARE NOT ___, INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY ORDINANCE, I THEREFORE, RECOMMEND

APPROVED [X]
DISAPPROVED [ ]

P C Bilger TITLE Act 1st BC

APPROVED C J Burnett DATE 3-31-66

IMPORTANT: Include Remarks, Sketch of Tank and Pump Location on other side.
Forward copy to Bureau of Fire Prevention.

CANCONNECT

E W. BURNETT, INC.
145 GANSON STREET • BUFFALO, NEW YORK 14203 • (716) 856-8300 • FAX (716) 856-0760

29

BUFFALO FIRE DEPARTMENT
VOLATILE FLAMMABLE LIQUID
TANK STORAGE AND USE

APPLICATION ☑
INSTALLATION ☐
SURVEY ☐

Gasoline — KIND OF LIQUID — 1 — CLASS

BATTALION 1st
COMPANY
DATE 12/12/49

COMMISSIONER OF FIRE: Joseph S. Masterson

LOCATION 145 Ganson

CITY PROPERTY (CURB) ☐
PRIVATE PROPERTY ☑

NAME Carlon Truck Service Inc.

ZONED USE DISTRICT 1st IND.

PURPOSE OF USE: ~~COMMERCIAL FILLING STATION~~ PRIVATE FILLING STATION ~~PRIVATE STORAGE 280 GAL. OR LESS~~

TYPE OF SYSTEM: PRESSURE ☐ SUCTION ☑

APPLICATION NUMBER _____ DATE _____

IS LICENSE REQUIRED no

PERMIT NUMBER _____ DATE _____

CONTRACTOR Atlantic Refining

INSTALLATION 12/12/49 DATE _____

ADDRESS P.O. Box 11 Buffalo

TANKS:

1 NUMBER OF
1000 CAPACITY OF EACH
_____ CAPACITY TOTAL
no ABOVE GROUND
2 FEET UNDERGROUND
60' FEET FROM BLDG. LINE
60' FEET FROM STREET LINE
no ~~FEET FROM~~ CELLAR
yes UNDERWRITERS LAB. LABEL

VENT PIPE:

1 NUMBER OF
2" SIZE
yes TERMINATES OUTSIDE
6' FEET ABOVE FILL PIPE
60' FEET FROM BLDG. OPENING
yes WEATHERPROOF HOOD
yes FLAME ARRESTER

FILL PIPE:

_____ LOCATED OUTSIDE
_____ FEET FROM BLDG. OPENING
_____ PROTECTED AGAINST DAMAGE

PUMPS

1 QUANITY
60' FEET FROM BLDG. LINE
60' FEET FROM STREET LINE
yes UNDERWRITERS LAB. LABEL

AS ALL TANKS, PUMPS AND PIPING WILL BE ~~ARE~~ ~~ARE NOT~~ INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY ORDIANCE AND STANDARDS OF THE NATIONAL BOARD OF FIRE UNDERWRITERS, I THEREFORE,

RECOMMEND **APPROVAL** ☑
DISAPPROVAL ☐

APPROVED R.F. Schmitt **TITLE** Batt Chief.

COMMISSIONER OF FIRE **DATE** _____

NOTE: INCLUDE REMARKS, SKETCH OF TANK AND PUMP LOCATION ON OTHER SIDE.

GANSON ST

E W. BURNETT, INC.
145 GANSON STREET • BUFFALO, NEW YORK 14203 • (716) 856-8300 • FAX (716) 856-0760

BUREAU OF FIRE PREVENTION
FLAMMABLE LIQUID ORDINANCE CHAPTER XXIX

STORAGE AND USE OF GASOLINE (TYPE OF LIQUID) I (CLASS)

APPLICATION DATE: April 20, 1972

DISTRICT ZONING M - 2

NAME M. & K. Cartage

ADDRESS 145 Ganson Street Buffalo, New York

USE: COMMERCIAL ___ PRIVATE XX PROPERTY: CITY ___ PRIVATE ___

CONTRACTOR Niagara Tank and Pump, Inc.

ADDRESS 262 Carlton Street Buffalo, New York

APPROVED ~~DISAPPROVED~~ F. J. SCHALLER TITLE Assistant Chief Bureau of Fire Prevention

Install three (3) 4,000-gal. and one (1) 2,000-gal., underground, gasoline storage tanks.

INSTALLATION DATE: ___

APPLICATION NO: 12754 DATE ___ PERMIT NO: 57518 DATE 4-27-72

TANKS:
Number of Three 4,000-gal. One 2,000-gal.
Capacity of Each Three 4,000-gal. One 2,000-gal.
Total Capacity 14,000-gallons
Above Ground No
Feet Underground 3'
Feet From Property Line ___
Feet From Street Line ___
Feet From Bldg. or Cellar —
U.L. Label Numbers 2-#G121318 G121311 G121232 G121316

VENT PIPE:
Number of 4
Size 2"
Terminates Outside Yes
Feet Above Fill Pipe 12'
Feet From Bldg. Opening —
Weaherproof Hood Yes
Flame Arrester ___

Public Assemblage Bldg. Within 300 Ft. No (Sec. 82)
Less Than 50 Feet From RR & Docks? (Sec. 16, Chap. LLX) No

PUMPS:
Number of Pumps ___
Feet From Bldg. Line ___
Feet From Street Line ___
U.L. Label Nos. ___
If inside Bldg., are pumps protected as required by Sec. 148 ___

FILL PIPE:
Size 4" Extended Fill? Yes
Located Outside Yes Protected Yes
Feet From Bldg. Opening ___

TESTS: (Sec. 91)
APPROVED 5-3-72
DISAPPROVED ___

ALL TANKS, PUMPS AND PIPING, ARE INSTALLED IN ACCORDANCE WITHIN THE REQUIREMENTS OF THE FLAMMABLE LIQUID ORDINANCE, I THEREFORE, RECOMMEND

APPROVED J. Ahrens Lieutenant Bureau of Fire Prevention DATE 9-15-72

THE ABOVE LOCATION HAS BEEN INSTALLED FOR THE FOLLOWING SUPPLIER.

NAME M. & K. Cartage ADDRESS 45 Ganson Street Buffalo, New York

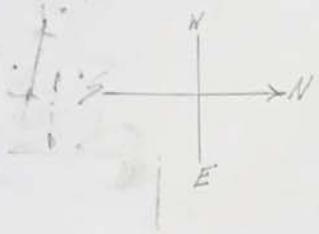
IMPORTANT: Include Remarks, Sketch of Pump and Tank Locations On other side, or attach sketch to form. Forward Copy to BUREAU OF FIRE PREVENTION.

3-7-79 - The 3 4,000 Tank were tested by Iffo Pump + Tank Co. - Lt Wickett To be used for Diesel Fuel. The 2000 tank to be safeguarded!

LOCATION M. & K. Cartage 145 Ganson Street Buffalo, New York LICENSE REQUIRED Yes BATTALION 1st COMPANY Engine 10

1985 81C

Apr. 19, 1972



145 - GANSON ST.

R - 167'

R - 150.0'

R - 249.0'

38'

20'

30'

Walk

Office

36'4 5/8"

Is. Light

4'x12' Island

Proposed
(3) - 4,000 Gal.
(1) - 2000 Gal.
U/G Tanks
Vents On Island

N & K
Cartage Co.

Truck Bldg.

100'5 1/2"

60'3 1/4"

125'

R - 152.3'

R - 550.0'

R - 128.8'

APPROVED
SUBJECT TO COMPLIANCE WITH ALL
APPLICABLE ORDINANCES
BASED UPON INFORMATION SHOWN
BUREAU OF FIRE PREVENTION
BY Schalla DATE 4-20-72
DEPARTMENT OF FIRE
BUFFALO, NEW YORK

Concrete Retaining Wall

BUFFALO RIVER

Scale - 1" = 50'

GE W. BURNETT, INC.

ORGE W. BURNETT

(Revised 6/56)

BUFFALO FIRE DEPARTMENT
FLAMMABLE LIQUID ORDINANCE CHAP. XXIX

APPLICATION ☑
INSTALLATION ☐
SURVEY ☐

STORAGE AND USE

Diesel Fuel Oil — TYPE OF LIQUID
III — CLASS

BATTALION 1
COMPANY
DATE 4/7 1960

LOCATION

COMMISSIONER OF FIRE: WM. M. DALY

LOCATION 145 Ganson St
NAME Carlson Truck Service

CITY PROPERTY (CURB) ☐
PRIVATE PROPERTY ☑
ZONED USE DISTRICT M-2

PURPOSE OF USE: COMMERCIAL PRIVATE ✓

IS LICENSE REQUIRED? Yes

APPLICATION NO. _____ Date: _____

CONTRACTOR Fleischman Serv.

PERMIT NO. _____ Date: _____

ADDRESS 74 Skillen St.

TANKS:
Number of 1 (2) (1 on other end of Bldg)
Capacity of Each 1-3000 - (1-1-1000)
Capacity Total 4000
Above Ground No.
Feet Underground 3' Plus
Ft. from Property Line 20'
Ft. from Street Line (Min. 10 ft.) 30' plus
Ft. from Cellar or Bldg. 10'
U. L. Label Numbers _____

Public Assemblage Bldg. within 300 ft.? No. (Sec. 82)

Less than 50 ft. from RR & ~~docks~~? (Sec. 16, Chap. LXX) Yes (Spurs)

FILL PIPE:
Size 3"
Located Outside Yes
Ft. from Bldg. Opening 40'
Protected against damage Yes

VENT PIPE:
Number of 1 - (1)
Size 1 1/4"
Terminates Outside Yes
Ft. above Fill Pipe 12 Plus
Ft. above Bldg. Opening 10'
Weatherproof hood Yes
Flame Arrester Yes

PUMPS:
Number of Pumps 1 (1)
Ft. from Bldg. Line At Bldg Line
Ft. from Street Line (Min. 10 ft.) 30'
U. L. Label Numbers _____
If inside bldg., are pumps protected as required by Sec. 148? _____

TESTS:
(Sec. 91)

APPROVED _____

DISAPPROVED _____

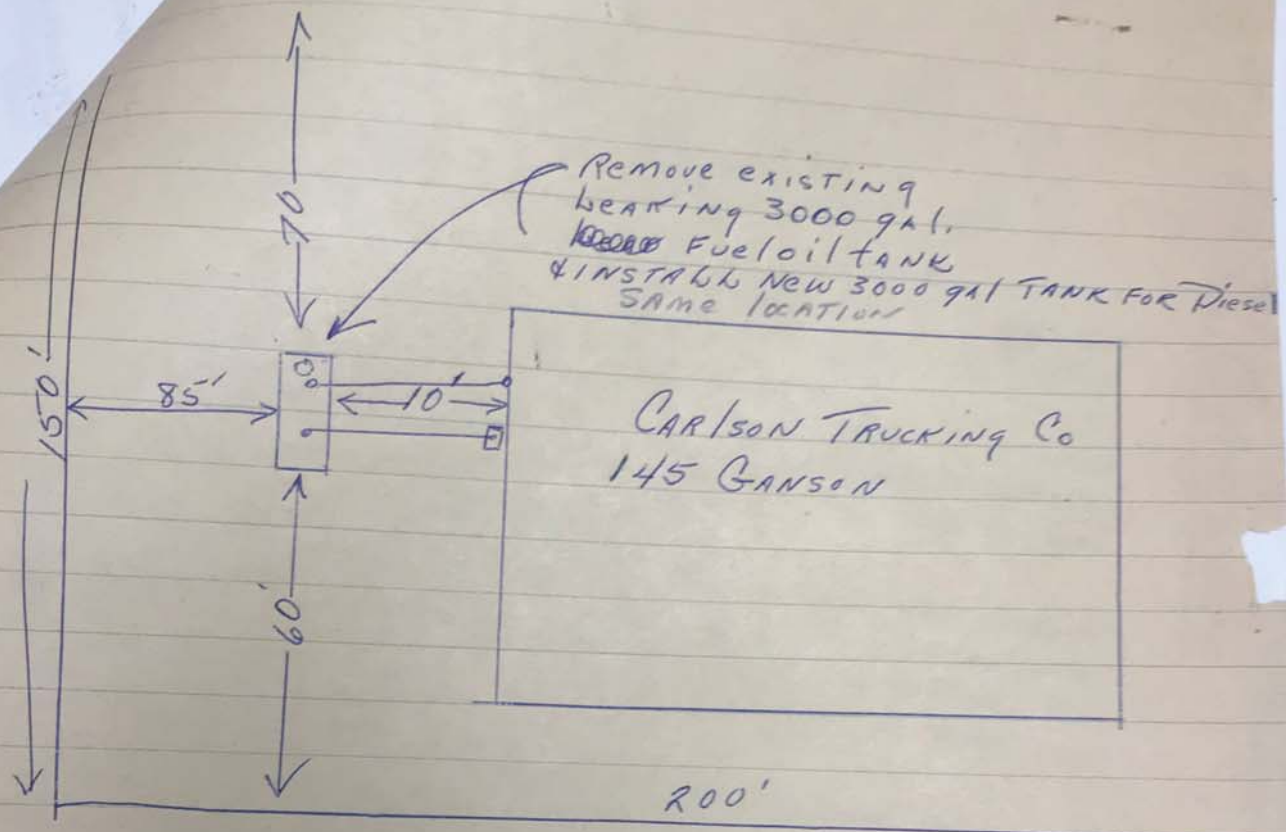
ALL TANKS, PUMPS AND PIPING, WILL BE ✓, ARE ___, ARE NOT ___, INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY ORDINANCE, I THEREFORE, RECOMMEND

APPROVED ~~X~~ Edmund J. Hibbert — TITLE 1st Batt. Chief

DISAPPROVED _____

APPROVED William M. Daly — DATE April 7. 1960
(As Bond and Dep't Comm.)

IMPORTANT: Include Remarks, Sketch of Tank and Pump Location on other side. Forward copy to Bureau of Fire Prevention.



Contractor: Fleischmann Service
74 Skillen St.

For. Gulf Oil Co
River Road
Tonawanda, N.Y.

GEORGE W. BURNETT, INC.

145 GANSON STREET • BUFFALO, NEW YORK 14203 • (716) 856-8300 • FAX (716) 856-0760

June 14, 1995

City of Buffalo
Room 301
City Hall
Buffalo, NY 14202

Subject: Permit for diesel fuel storage
145 Ganson St, Buffalo, NY 14203

George W. Burnett, Inc. is a trucking company that operates as a common carrier of goods in intrastate, as well as interstate commerce.

A permit is hereby requested for the installation of a 10,000 gallon diesel fuel storage tank at 145 Ganson Street, Buffalo, New York. This diesel fuel facility will be used to fuel company owned vehicles only.

The tank will be a totally portable, above ground storage tank, measuring 8' x 26'8", with a dike that provides 110% secondary containment yielding an overall dimension of 35' x 10'10" x 4'. A drawing and specification sheet is provided for your convenience.

The tank and dike will be located at least 50 feet from any structure located on the property at 145 Ganson Street. A drawing of the property and proposed tank location is also provided for your convenience.

This state of the art tank will provide the utmost in confidence and security for spill containment. We have given great consideration with respect to minimizing the hazards of any releases from this tank.

145 Ganson

189 Ganson



The tank will be located away from buildings and vehicular traffic, and will be located on level ground.

Lancaster Tank & Steel Products, Inc. has insured that all hoses, piping, fittings, couplings, containment surfaces, pumps, valves and control instrumentation is guaranteed to meet all EPA, as well as state and local regulations and enforceable codes for a fuel storage facility.

Be advised that we are a 24 hour operation with personnel on the premises at all times that are trained in emergency response to spills. Our management has developed a knowledge and sensitivity to the importance and urgency to a discharge cleanup and removal plan.

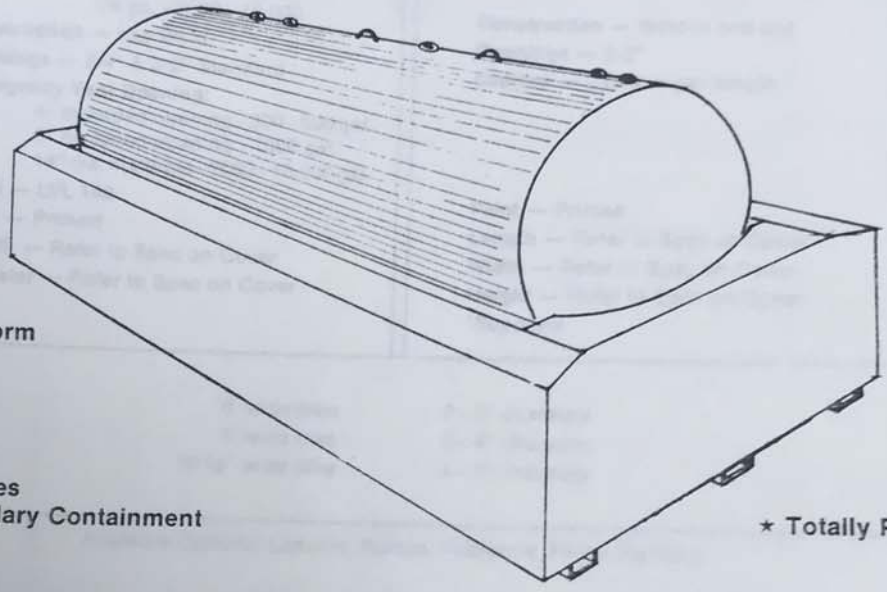
Yours truly,
GEORGE W. BURNETT, INC.

Eric J. Bauer
Vice President

EJB:dg

Encs.

LANCASTER DIKED TANKS



★ Tanks Conform to U/L 142

★ Dikes Provides 110% Secondary Containment

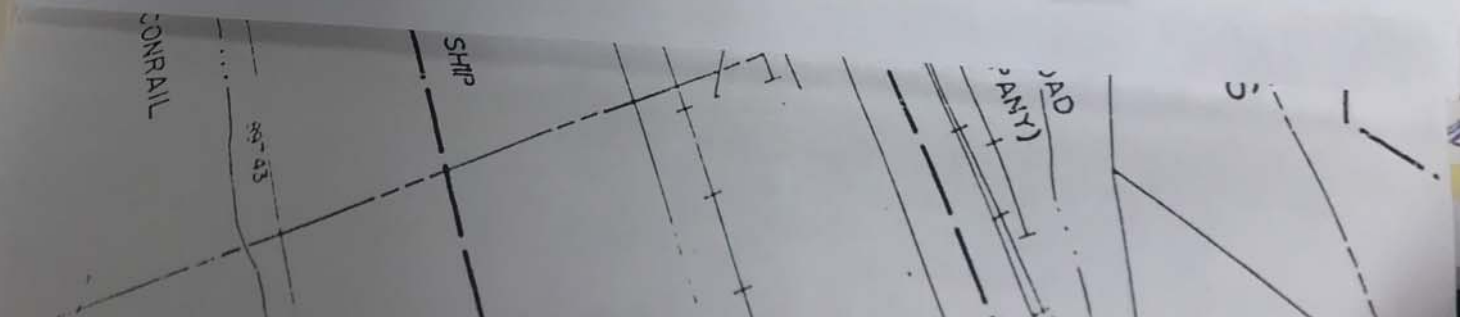
★ Totally Portable

—SPECIFICATIONS AND CAPACITIES —

TANK CAPACITY	DIKE CAPACITY	TANK SIZE	DIKE SIZE	APPROX TOTAL WEIGHT	DIKE GAUGE
290	319	3'2" x 5'0"	7' x 4' x 1'6"	1,090	7 ga
500	550	3'10" x 6'0"	8' x 6' x 1'7"	1,500	7 ga
1,000	1,100	3'10" x 12'0"	14' x 6' x 1'10"	2,675	7 ga
2,000	2,200	5'4" x 12'0"	16' x 8' x 2'4"	4,600	7 ga
3,000	3,300	5'4" x 18'0"	22' x 8' x 2'6"	7,050	7 ga
4,000	4,400	5'4" x 24'0"	28' x 8' x 2'8"	7,700	7 ga
5,000	5,500	8' x 13'4"	17' x 10'10" x 4'	9,700	1/4 ga
6,000	6,600	8' x 16'0"	20'6" x 10'10" x 4'	11,200	1/4 ga
8,000	8,800	8' x 21'4"	27'6" x 10'10" x 4'	14,300	1/4 ga
10,000	11,000	8' x 26'8"	35' x 10'10" x 4'	17,700	1/4 ga

LANCASTER TANK & STEEL PRODUCTS INC.

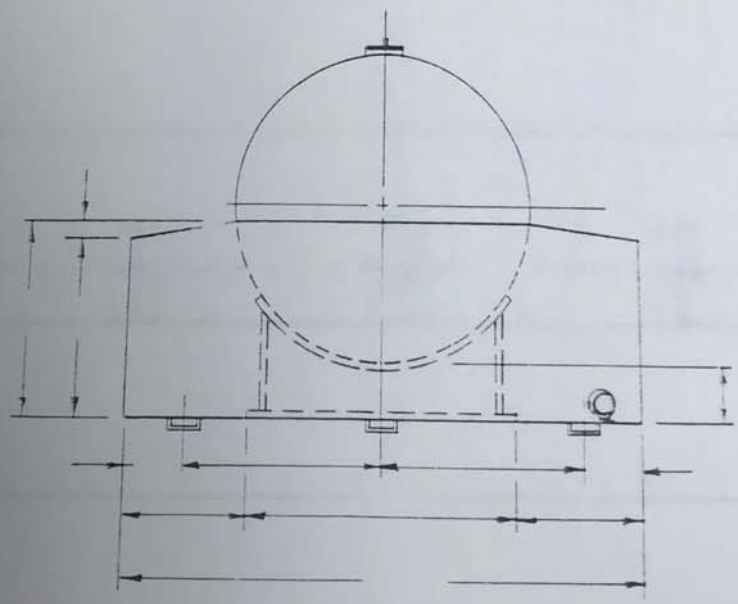
11 Saint Joseph Street (716) 683-2033 Lancaster, New York 14086



TANK	DIKE
Capacity — 300 - 10,000 gallons **Material** — Carbon Steel **Thickness** — 10 ga. - 300 - 1000 7 ga. - 2000 - 4000 1/4 ga. - 5000 - 10,000 **Construction** — Lap Weld **Openings** — 2-4" & 2-2" Standard **Emergency Vent Opening:** 4" threaded opening - 300 - 500 gal. 6" threaded opening - 1000 gal. 18" dia. manhole - 2000 - 10,000 gal. **Label** — U/L 142 **Paint** — Primed **Length** — Refer to Spec on Cover **Diameter** — Refer to Spec on Cover	**Capacity** — 330 - 11,000 gallons **Material** — Carbon Steel **Thickness** — 7 ga. - 330 - 4400 1/4 ga. - 5500 - 11,000 **Construction** — Weld in and out **Openings** — 2-2" **Saddles** — 2 or 3 as per length **Paint** — Primed **Length** — Refer to Spec on Cover **Width** — Refer to Spec on Cover **Height** — Refer to Spec on Cover *Supports

6' wide dike	2 - 3" channels
8' wide dike	3 - 4" channels
10'10" wide dike	4 - 6" channels

Available Options: Ladders, Pumps, Platforms, Finish Painting

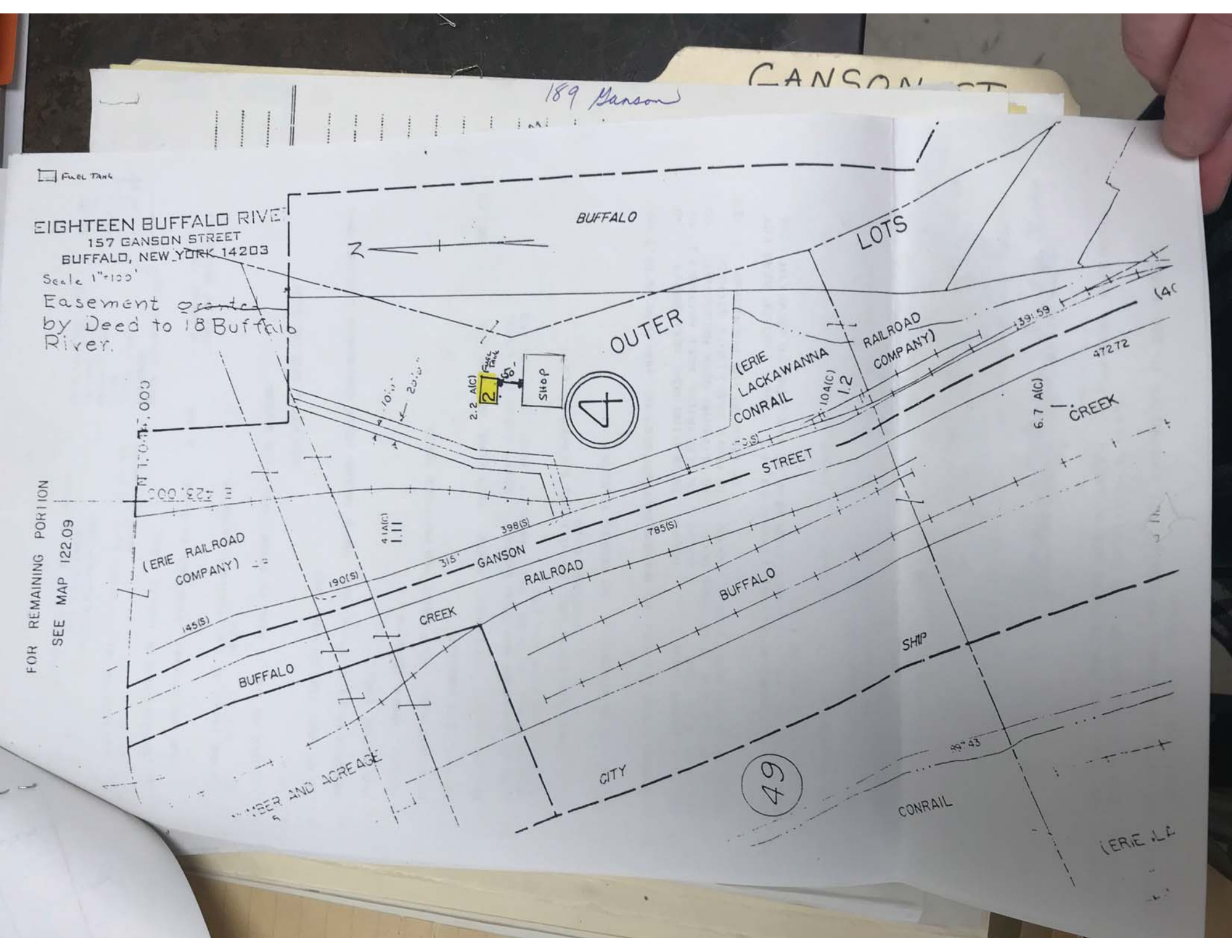


TOP VIEW

SIDE VIEW

189 Hanson

CANSON


189 Ganson
FUEL TANK
EIGHTEEN BUFFALO RIVER
157 GANSON STREET
BUFFALO, NEW YORK 14203
Scale 1"=100'
Easement granted by Deed to 18 Buffalo River.
BUFFALO
LOTS
OUTER
SHOP
FUEL TANK
2.2 A(C)
(ERIE LACKAWANNA CONRAIL RAILROAD COMPANY)
104(C)
1.2
339.59
472.72
6.7 A(C)
CREEK
STREET
GANSON
398(S)
785(S)
315'
190(S)
145(S)
(ERIE RAILROAD COMPANY)
4.1A(C)
1.11
RAILROAD
BUFFALO
CREEK
BUFFALO
SHIP
CITY
CONRAIL
89.43
49
4
FOR REMAINING PORTION SEE MAP 122.09
NUMBER AND ACREAGE

DEPARTMENT OF PUBLIC WORKS
501 CITY HALL
BUFFALO, NEW YORK

PERMIT APPLICATION NO. 227407 DATE 06-23-95
PERMIT NO. B DATE 00-00-00

APPLICATION FEE $	46.00
ZONING B OF A	.00
PERMIT FEE	173.00
FINE	.00
TOTAL FEE	219.00 CK
BALANCE	
DATE BALANCE PAID	

TO THE COMMISSIONER OF PUBLIC WORKS :

1. I, THE UNDERSIGNED, PROPOSED TO PLACE & USE A STORAGE TANK (TYPE OF BUILDING)
2. ON THE FRONT OF THE PREMISES KNOWN AS NO. 575 OHIO
3. LOCATED ON THE SIDE OF STREET NORTH COR GANSON
4. IN A DISTRICT. SPECIAL DIST.
5. TO BE USED FOR STORAGE TANK
6. REMARKS PLACE A 10,000 GAL. ABOVE GROUND (SELF CONTAINED) STORAGE TANK FOR DIESEL FUEL.

   (EXIST. TRUCK TERMINAL)

   NO PLANS REQ. (SELF CONTAINED PORTABLE UNIT)

   (A.K.A. 145 GANSON)
7. ON LOT 00124 FEET WIDE 00479 FEET LONG. AREA OF LOT SQ. FT.
8. SIZE OF PROPOSED BUILDING 00000 FT. WIDE 00000 FT. LONG.
   AREA OF BLDG. 00000 SQ. FT. 00000 FT. HIGH 00.0 STORIES
   CONTENTS 00000000 CU. FT.
9. WHAT OTHER BUILDINGS ARE, OR WILL BE, LOCATED ON LOT?
   STORIES 00.0
10. DEBRIS TO BE DUMPED AT NO DEBRIS INVOLVED
11. HOW MANY FAMILIES WILL BE HOUSED ON PREMISES? 00 HOW MANY APTS.? 00
12. DEPTH OF FRONT YARD 00000 IS HEATING WORK NECESSARY? NO
    DEPTH OF REAR YARD 00000 IS ELECTRICAL WORK NECESSARY? NO
    WIDTH OF N.E.S.W. SIDE YARD 00000 IS PLUMBING WORK NECESSARY? NO
    WIDTH OF OTHER SIDE YARD 00000 IS FLAMMABLE LIQUID STORED OR USED ON THE PREMISES? YES
13. AREA OF ACCESSORY BUILDING(S) 00000 SQ. FT. EQUALS .00% OF REAR LOT AREA 00000 SQ. FT. (DISTANCE FROM REAR OF DWELLING TO REAR LOT LINE MULTIPLY BY WIDTH OF LOT)
14. COST OF WORK $ .00 ADDIT. 15883.00
15. OWNER LAFARGE CORP. SOUTHFIELD, MICH. P.O. BOX 883 PHONE NO. 000-0000
    CONTRACTOR OWNER LICENSE NO. PHONE NO. 000-0000
    AGENT RUSS DEVESO 145 GANSON BUFFALO,N.Y. 14203 PHONE NO. 856-8300

UNDER PENALTIES OF PERJURY, I DECLARE THAT I HAVE EXAMINED THIS APPLICATION AND KNOW THE CONTENTS THEREOF; THAT THE SAME CORRECTLY DESCRIBES THE CHARACTER, PRESENT AND PROPOSED, USE AND LOCATION OF THE PREMISES OR BUILDING WHICH THE OWNER PROPOSES TO PLACE , AND THE OWNERSHIP THEREOF.

DATE: 6/22/95 Russell J. DeVeso - Env Mgr. 4/23/95
SIGNATURE (OWNER, AGENT OR CONTRACTOR)

SEPARATE APPLICATIONS AND PERMITS ARE REQUIRED FOR PLUMBING, ELECTRICAL, HEATING, VENTILATION, AND/OR AIR CONDITIONING WORK.

PROPOSED USE WORK DESCRIBED HEREIN IS NOT AUTHORIZED TO BEGIN UNTIL BUILDING PERMIT HAS BEEN ISSUED.

189 Ganson

GANSON ST

PLANS FILED ON 00-00-00 SURVEY FILED ON 00-00-00 PLOT PLAN FILED ON 04 21 95

SPECIAL APPROVALS	NOT APPLICABLE	DATE REFERRED	DATE RET'D APPROVED	DATE RET'D DISAPPROVED
PLANS - PW ELECTRICAL SECTION		00-00-00	00-00-00	00-00-00
PLANS - PW PLUMBING SECTION		00-00-00	00-00-00	00-00-00
PLANS - PW STRUCTURAL ENGINEERS		00-00-00	00-00-00	00-00-00
PLANS - ICR MULTIPLE DWELLING		00-00-00	00-00-00	00-00-00
PLANS - FIRE PREVENTION BUREAU		00-00-00	00-00-00	00-00-00
PW COMMISSIONER - ENCROACHMENT		00-00-00	00-00-00	00-00-00
PW WATER DIVISION		00-00-00	00-00-00	00-00-00
LAW DEPARTMENT - CERT. INSURANCE		00-00-00	00-00-00	00-00-00
LAW DEPARTMENT - BOND		00-00-00	00-00-00	00-00-00
BUFFALO SEWER AUTHORITY		00-00-00	00-00-00	00-00-00
CITY PLANNING		00-00-00	00-00-00	00-00-00
COMMON COUNCIL - USE APPROVAL		00-00-00	00-00-00	00-00-00
COMMON COUNCIL - SUSP. ORDINANCE		00-00-00	00-00-00	00-00-00
LANDMARK PRESERVATION BOARD - C/A		00-00-00	00-00-00	00-00-00
STREETS DEPT. - RODENT CONTROL		00-00-00	00-00-00	00-00-00
OTHER		00-00-00	00-00-00	00-00-00

APPROVAL SIGNATURES M.D. _____ DATE _____
VACANT/FIRE DAMAGE _____ DATE _____
FIRE PREVENTION _____ DATE _____

Ted Lawson

APPLIC. NO. 227407

APPLICATION APPROVED BY _____ PERMIT NO.B _____ ISSUED 00-00-00
PERMIT OFFICE

APPEAL TO ZONING BOARD ON (DATE) 00-00-00 FOR VARIANCE

APPEAL DISAPPROVED ON (DATE) 00-00-00

APPEAL APPROVED ON (DATE) 00-00-00 CONDITIONED UPON:

*STATE CONDITIONS, IF ANY:

APPENDIX F

PREVIOUS STUDIES

NYSDEC INITIAL SPILL REPORT FORM

DEC REGION# 9 SPILL NUMBER 9501488

SPILL NAME: Waste Management/Ganson DEC LEAD: Robert Crossen

CALLER'S NAME: John Minichiello NOTIFIER'S NAME:

CALLER'S AGENCY: waste Mgmt. NOTIFIER'S AGENCY:

CALLER'S PHONE: ( ) 223-6132 EXT. NOTIFIER'S PHONE: ( ) EXT.

SPILL DATE: 5/1/95 TIME: 1200 hrs.

CALL RECEIVED DATE: 5/4/95 TIME: 1030 hrs. RECEIVED BY CID#:

1. Gasoline
2. #2 Fuel
3. #4 Fuel
4. #6 Fuel
5. Diesel
6. Jet Fuel
7. Waste Oil
8. Non-PCB Oil
9. PCB Oil
10. Kerosene
11. Unk Petrol

Material Spilled	Mat. Class	Am't Spilled	Units	Am't Recovered
1) Petroleum	Pet-Haz-Other-Unk.		Gal - Lbs	
2)	Pet-Haz-Other-Unk.		Gal - Lbs	
3)	Pet-Haz-Other-Unk		Gal - Lbs	
4)	Pet-Haz-Other-Unk.		Gal - Lbs	

SPILL LOCATION

PLACE: Waste Management

STREET: 191 Ganson 7 Acre parcel

T/C/V: Buffalo CO: Erie

CONTACT:

PHONE: ( ) EXT.

SPILLER

NAME: Waste Management

STREET: 425 Perinton Pkwy

CITY: Fairport STATE: NY

ZIP: 14450

CONTACT: John Minichiello

PHONE: (716) 223 6132 EXT.

SPILL CAUSE

1 - Human Error
2 - Traffic Accident
3 - Equipment Failure
4 - Vandalism
5 - Tank Test Failure*
6 - Housekeeping
7 - Deliberate
8 - Abandoned Drums
9 - Tank Failure
10 - Tank Overfill
11 - Other
12 - Unknown

SPILL SOURCE

5 - Gas Station
6 - Passenger Vehicle
7 - Comm Vehicle
8 - Tank Truck
9 - Private Dwelling
10 - Vessel
11 - Railroad Car
3 - Major Fac>400,000 gal
4 - Non-Maj Facility>1,100 gal
1 - Comm/Indust
2 - Non-Comm/Inst
12 - Unknown

RESOURCE AFFECTED

1 - On Land
2 - In Sewer
3 - Groundwater
4 - Surface Water**
5 - Air

**Waterbody:

DEC NOTIFIED BY:

1 - Responsible Party
2 - Affected Persons
3 - Police Department
4 - Fire Department
5 - Tank Tester
6 - DEC
7 - Citizen
8 - Health Dept.
9 - Local Agency
10 - Federal Gov't
11 - Other

CALLER REMARKS: found contamination on property while doing phase I+II UST or truck leakage suspected Source? several wells on site not impacted

*PBS Number	Tank Number	Tank Size	Test Method	Leak Rate

PRIMARY CONTACT CALLED DATE: / / TIME hrs. REACHED DATE: / / TIME hrs.

SECONDARY CONT. CALLED DATE: / / TIME hrs. FAXED BY CID#:

PIN #	T & A	Cost Center	ISR to Central Office / /
Status: Active/Closed/Inactive		Last Inspection / /	Penalty Y / N
RP-CUI / /	ENF-INIT / /	INVES-COM / /	CAP / /
UST Trust Eligible Y / N	Site: A B C D E	Resp. Party 1 2 3 4 5 6	Reg Close Date / /

SPILFORM.4a 1/25/95

EDO Y/N DATA INPUT [ ]

NYS DEC Region 9
DEC REMARKS For Spill Number: 9501488
Date Printed: 10/30/95

05/04/95: RMC/MINICHIELLO/PHONE TO SEND ALL REPORTS TO DEC FOR REVIEW, DUE 5/30/95.

06/20/95: RMC/RECEIVED REPORTS, WORK TO BEGIN 6/29/95.

06/29/95: RMC/EPS/AFI/HANNAKA/SITE AREAS OF CONCERN BEING OVER EXCAVATED, PBS REGISTERED TANKS TO REMAIN FOR NEW OWNER, TESTING AND DISPOSAL DUE 8/30/95.

09/20/95: RMC/JON MINICHIELLO/PHONE TO SEND REPORT BY 10/15/95.
10/27/95 RMC/FILE RECEIVED REPORT AND DISPOSAL RECEIPTS,MINOR EXCEEDANCES, NO FURTHER ACTION REQUIRED, INACTIVE, INACTIVE LETTER
10/30/95 RMC/FILE NOTE SAMPLE S14 WAS FROM STORM RECEIVER AND WAS CLEANED OUT AND NO RESAMPLE REQUIRED

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

APPLICATION FOR ACCESS TO RECORDS

(See Instructions on Reverse Side)

APPLICANT

- TO THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION:
I hereby apply to inspect the following records under the provisions of the Freedom of Information Law:

Spill File # 9501488

After inspection, should I desire copies of all or part of the records inspected, I will identify the records to be copied and hereby offer to promptly pay the established fees. (Cost of reproduction or 25¢ per page as applicable). Contact me if cost will exceed $ _____.

Name (Print or type) Joe Allen Telephone No. 800-352-0050

Attention of: _____

Mailing Address 3530 Post Rd Southport, CT

Signature _____ Date 10-26-99

RECORDS CUSTODIAN

- TO THE APPLICANT:

—Records Provided

☐ The reproduction costs for the records provided are $ _____

☐ Records have been (partially, fully) provided. (If not fully provided, date when records are expected to be fully provided: _____)

—Records Not Available

☐ Records cannot be found after diligent search

☐ The Department is not the custodian for records indicated

—Records Denied

I hereby certify that access to the records—or part of the records—circled above has been denied to the applicant for the reason(s) checked below:

☐ Specifically exempt by other statute

☐ Unwarranted invasion of personal privacy

☐ Would impair present or imminent contract awards or collective bargaining negotations

☐ Are examination questions or answers

☐ Are inter-agency or intra-agency materials that are not:
- statistical or factual tabulations or data
- instructions to staff that affect the public
- final agency policy or determinations; or
- external audits, including but not limited to audits performed by the comptroller and the federal government

☐ Would endanger the life or safety of any person

☐ Are compiled for law enforcement purposes and which, if disclosed would:
- interfere with law enforcement investigations or judicial proceedings
- deprive a person of the right to a fair trial or impartial adjudication
- identify a confidential source or disclose confidential information relating to a criminal investigation, or
- reveal criminal investigative techniques or procedures, except routine techniques and procedures

☐ Are computer access codes

☐ Are trade secrets

Identification of records withheld (attach listing if additional space is required) and/or explanation if appropriate:

_____

_____

_____

Records Custodian Signature Kathy Brennan Title Program Aide Date 1-21-00

file

New York State Department of Environmental Conservation
270 Michigan Avenue, Buffalo, New York 14203-2999
(716) 851-7220

Michael D. Zagata
Commissioner

October 30, 1995

Mr. John Minichiello
Environmental Engineering Manager
Waste Management
425 Perinton Parkway
Fairport, New York 14450

Dear Mr. Minichiello:

Spill Number 9501488
191 Ganson Street
Buffalo
Erie County

We have reviewed the analytical results for the excavation samples from the above-referenced site. The results exceed our soil guidance values. However, since the results were low levels, we will not require any further work at this time. The site will have a status of "inactive".

Your cooperation is appreciated. If you have any questions, please call Mr. Robert Crossen of this office at (716) 851-7220.

Sincerely,

Salvatore A. Calandra

Salvatore A. Calandra
Environmental Engineer I

//vm

Waste Management of New York, Inc.
Landfills and Transfer Stations
Administrative Office
425 Perinton Parkway
Fairport, New York 14450

A Waste Management Company

RECEIVED
OCT 12 1995
NYSDEC-REG. 9
FOIL
REL UNREL

October 10, 1995

Rob Crossen
NYSDEC - Spills Management
270 Michigan Avenue
Buffalo, New York, 14203-2999

RML 2
SAC —
RMK —
SPILL # _____
I ?

Re: Remedial Investigations WMNY - Ganson Street Property

Dear Mr. Crossen:

Enclosed with this letter is a copy of the Soil and Sediment Remediation Report that has been generated as part of an environmental assessment that was perform at the former Waste Management of New York, Inc. hauling division property on Ganson Street in Buffalo, N.Y. The enclosed remediation report represents the completion of remedial activities regarding the removal of petroleum impacted soils and sediments as part of a purchase and sale agreement, where WMNY was selling the Ganson Street property to another party.

The remedial reports documents the results of the remedial effort that was performed in accordance with the April 6, 1995, Remedial Action Plan Soil Investigation Report. All areas where chemical constituents had been identified were removed and identified as clean by AFI personnel. The results of composite samples taken from the excavation and removal areas show that the areas of interest were cleaned up to background levels or lower for all chemical constituents.

Please feel free to contact me at our Fairport, NY, location, indicated below, should you have any questions or comments regarding this matter. Thank-you.

Sincerely,

John A. Minichiello
Environmental Engineering Manager

High Acres Landfill & Recycling Center
& Power Production Plant
425 Perinton Parkway
Fairport, New York 14450
Tel: 716/223-6132
Fax: 716/223-6898

Monroe Livingston
Power Production Plant
1241 South Road
Scottsville, New York 14546
Tel: 716/889-9460
Fax: 716/889-5686

Mohawk Valley Sanitary Landfill
Power Production Plant
Road #2, Box 38A
Old Route 5S
Frankfort, New York 13340
Tel: 315/735-0122
Fax: 315/735-2199

Towpath Environmental
& Recycling Center
P.O. Box 408
Albion, New York 14411
Tel: 716/589-2272
Fax: 716/589-1230

Sanders Road Transfer Station
& Recycling Center
8619 Sanders Road
Stafford, New York 14143
Tel: 716/343-2240
Fax: 716/343-6311

Printed on Recycled Paper

SOIL AND SEDIMENT REMEDIATION REPORT

RECEIVED
OCT 1 2 1995
NYSDEC-REG. 9
FOIL
REL UNREL

DOWNING CONTAINER

191 GANSON STREET, BUFFALO, NEW YORK

PROJECT #H1025

PREPARED FOR:

WASTE MANAGEMENT OF NEW YORK
125 PERINTON PARKWAY
FAIRPORT, NEW YORK
14450

PREPARED BY:

AFI ENVIRONMENTAL
7815 BUFFALO AVENUE
NIAGARA FALLS, NEW YORK
14304

SEPTEMBER 28, 1995

TABLE OF CONTENTS

1.0	INTRODUCTION	1
1.1	BACKGROUND	1
1.2	PURPOSE OF OBJECTIVES	1
1.3	SCOPE OF WORK	1
2.0	REMEDIAL PROGRAM	2
2.1	OVERVIEW	2
2.2	SOIL REMEDIATION	2
2.2.1	SOIL EXCAVATION NEAR THE PREVIOUSLY REOMOVED UST (NORTH PROPERTY LINE)	2
2.2.2	SOIL EXCAVATION IN THE VICINITY OF THE ROLL-OFF STAGING AREA (EAST PROPERTY LINE)	3
2.2.3	SOIL EXCAVATION IN THE VICINITY OF THE OVERSIGHT TRUCK PARKING AREA AND FUEL ISLANDS	3
2.2.4	SPOT CLEAN UP	3
2.2.5	REMOVAL OF DRILLING CUTTINGS FROM PREVIOUSLY INSTALLED WELLS	4
2.3	SEDIMENT REMEDIATION	4
2.3.1	STORM SEWER SEDIMENT	4
2.4	TRANSPORT AND TREATMENT/DISPOSAL OF SOLID AND LIQUID WASTE	4
2.5	EXCAVATION RECLAMATION	5
2.5.1	BACKFILLING AND COMPACTION	5
2.5.2	BLACKTOPPING	5
3.0	ANALYTICAL TESTING	5
3.1	SAMPLE LOCATIONS	5
3.2	SAMPLING TECHNIQUES	5
3.2.1	GRAB SAMPLES	6
3.2.2	HOMOGENIZED COMPOSITE SAMPLES	6
3.3	SAMPLING LOCATIONS	6
3.3.1	SAMPLING THE AREA OF THE PREVIOUSLY REMOVED UST	6
3.3.2	SAMPLING THE EXCAVATION IN THE VICINITY OF THE ROLL-OFF STAGING AREA	6
3.3.3	SAMPLING THE SUB-BASE OF THE ROLL-OFF STAGING AREA EXCAVATION	6

3.3.4 SAMPLING THE EXCAVATION IN THE VICINITY OF THE OVERNIGHT TRUCK PARKING AREA 7

3.3.5 WASTE CHARACTERIZATION 7

3.4 ANALYTICAL TESTING 7

3.5 SOIL SAMPLES 7

3.5.1 ANALYTICAL RESULTS FROM THE FORMER SITE OF UST 7

3.5.2 ANALYTICAL RESULTS FROM THE ROLL-OFF STAGING AREA 7

3.5.3 ANALYTICAL RESULTS FROM BASE OF ROLL-OFF STAGING AREA 8

3.5.4 ANALYTICAL RESULTS FROM TRUCK STAGING AREA 8

3.5.5 ANALYTICAL RESULTS FOR WASTE CHARACTER 8

4.0 SUMMARY 8

LIST OF FIGURES

Figure #1 SITE LOCATION MAP

Figure #2 SITE PLAN

Figure #3 EXCAVATION LOCATION MAP

Figure #4 SAMPLE LOCATION MAP

1.0 INTRODUCTION

1.1 BACKGROUND

AFI Environmental has prepared this *Soil and Sediment Remediation Report* on behalf of Waste Management of New York as documentation of their cleanup activities at 191 Ganson Street; prior to their move to 70 North Gates and subsequent occupation of the facilities by new tenants and/or owners. This report addresses petroleum impacted soil and sediment contamination encountered at the Downing Container Facility; located at 191 Ganson Street, Buffalo, New York (See figure #1 for site location map). This facility was the storage yard and repair shop for Waste Management of New York's Downing Container Division garbage pickup, rolloff and rental operations. This *Soil and Sediment Remediaton Report* (SSRR) was prepared as the final step of a three part process that included Environmental Assessment, Remedial Soil Investigation/ Delineation, and Cleanup.

1.2 PURPOSE AND OBJECTIVES

Waste Management of New York Inc. (WMNY), retained AFI Environmental to document the Soil and Sediment Remediation activities conducted by Environmental Products and Services, Inc. (EPS), Waste Managements's cleanup contractor at their 191 Ganson Street Facility.

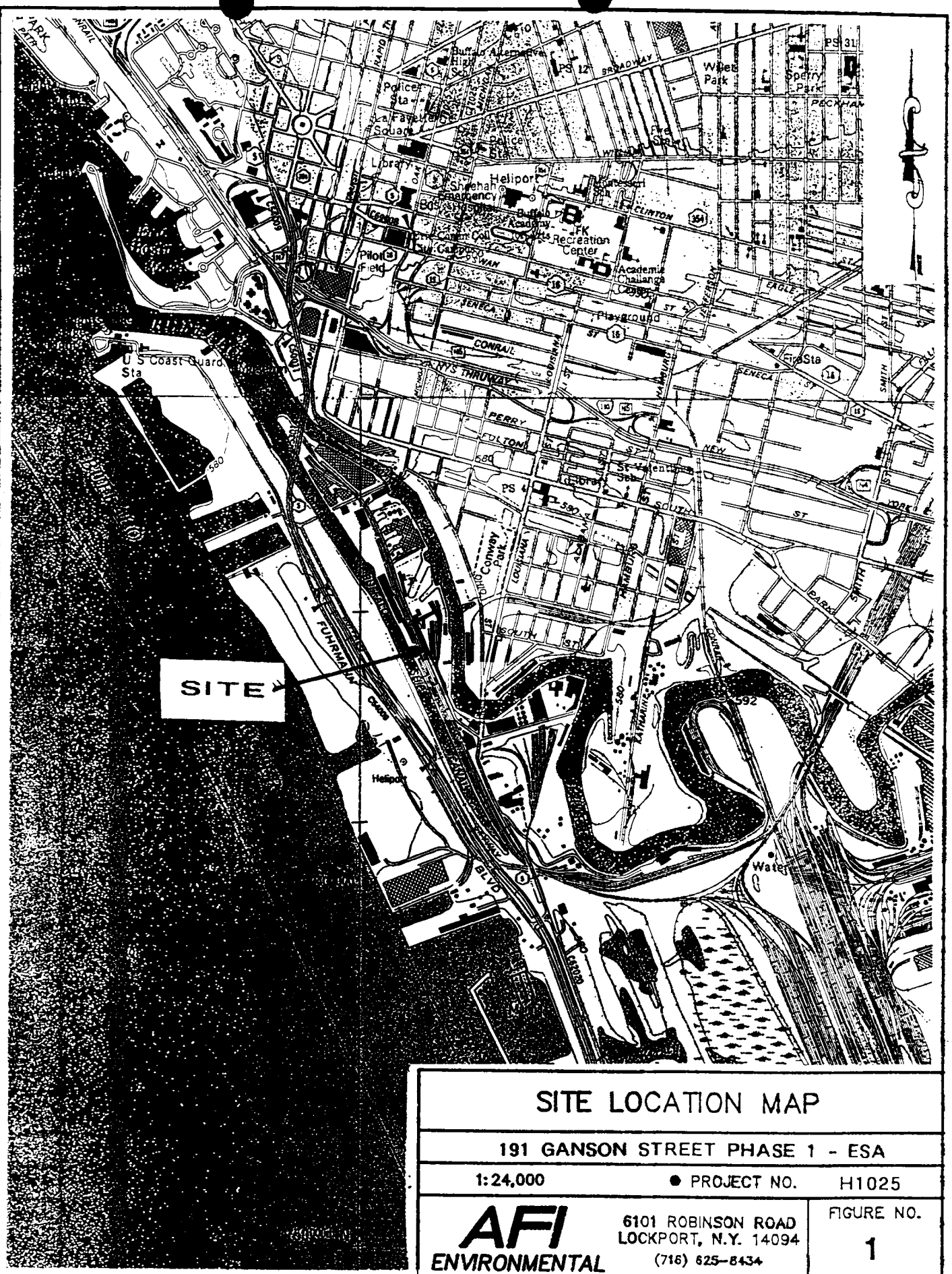
This report has been developed for the private use of Waste Management of New York Inc., but all discussed activities were conducted under the observation of NYSDEC Spill Control personnel.

1.3 SCOPE OF WORK

The Soil and Sediment Remediation Activities conducted at 191 Ganson Street were consistent with the site specific recommendations made by AFI Environmental in their report entitled **"REMEDIAL ACTION PLAN SOIL INVESTIGATION REPORT"** dated April 6, 1995. These recommendations included:
(See figure #2 for site map).

- Removal of a 10' by 10' by 18" area of soil where chemical constituents were identified in the area of previously removed Underground Storage Tank (UST).

- Excavation of Study Area # 3, a 25' by 25' by 18" area located in the vicinity of the rolloff staging area where toluene contaminated soils were staged awaiting NYSDEC approval for disposal.



SITE LOCATION MAP

191 GANSON STREET PHASE 1 - ESA

1:24,000 ● PROJECT NO. H1025

AFI ENVIRONMENTAL
6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO. 1

- o Excavation of stained areas of the parking lot near the fuel islands and near the overnight truck parking area and other areas where visible.

- o Sediment removal and cleaning of the Storm water drains.

- o Backfilling and compacting of all excavated areas with #2 crusher run stone.

- o Sampling excavated areas to demonstrate all contaminates have been removed.

- o Sampling excavated soils for waste characterization and disposal services purposes.

2.0 REMEDIAL PROGRAM

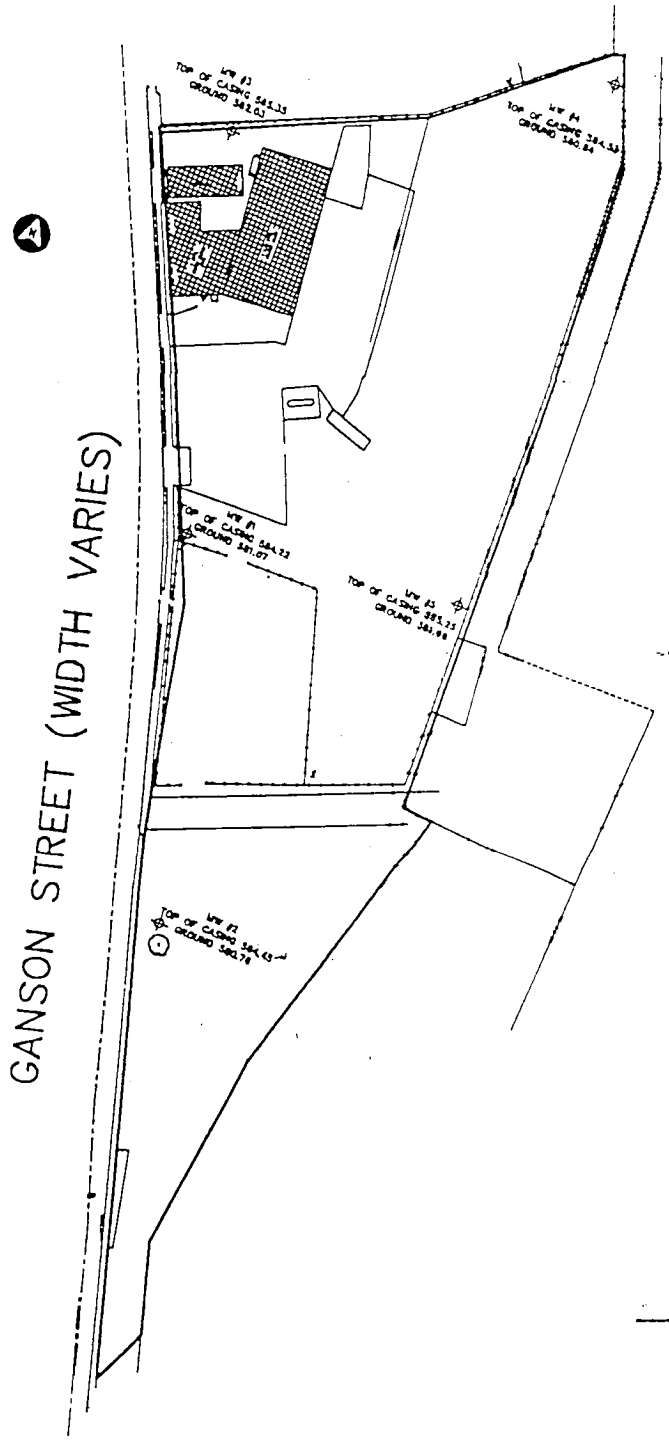
2.1 OVERVIEW

The Remedial program implemented at the facility located at 191 Ganson Street consisted of the excavation, removal and off-site disposal of impacted soils from the following areas (See Figure #3): the vicinity of the previously removed UST, near the North property line; from the roll-off staging area, near the East fence line, from the overnight truck parking area, near the gas fueling island; and contaminated sediment from the storm water sewer. This approach was utilized due to the relatively small volume of chemically impacted soil/sediment occurring at the site. All remedial activities were performed by Environmental Products and Services, Inc., a qualified and experienced remedial contractor, under the supervision of an AFI Environmental Engineer. In addition, New York State DEC Spill Control Personnel observed excavation and disposal activities. The procedures and equipment utilized were selected to minimize any potential for cross contamination, while maximizing the effectiveness of the clean-up effort. The following subsections provide a detailed description of the remedial measures implemented at the WMNY Site.

2.2 SOIL REMEDIATION

2.2.1 SOIL EXCAVATION NEAR THE PREVIOUSLY REMOVED UST (NORTH PROPERTY LINE)

Gravel and soil were excavated from a 10' by 10' by 18" area in the vicinity of the previously removed UST location (See figure #3). The excavation was accomplished using a backhoe and front end payloader operated by EPS personnel. The original excavation was enlarged by an additional 10' by 10' by 18" when petroleum stained material was identified by the AFI field engineer on the Eastern wall of the excavation. Similarly the depth of the excavation was increased to 30" when stained soils were evident on the floor of



LEGEND

PROPERTY LINE

☆ – MONITORING WELL

ELEVATIONS SHOWN ARE REFERENCED TO NGVD'29

SITE PLAN

191 GANSON STREET PHASE 2

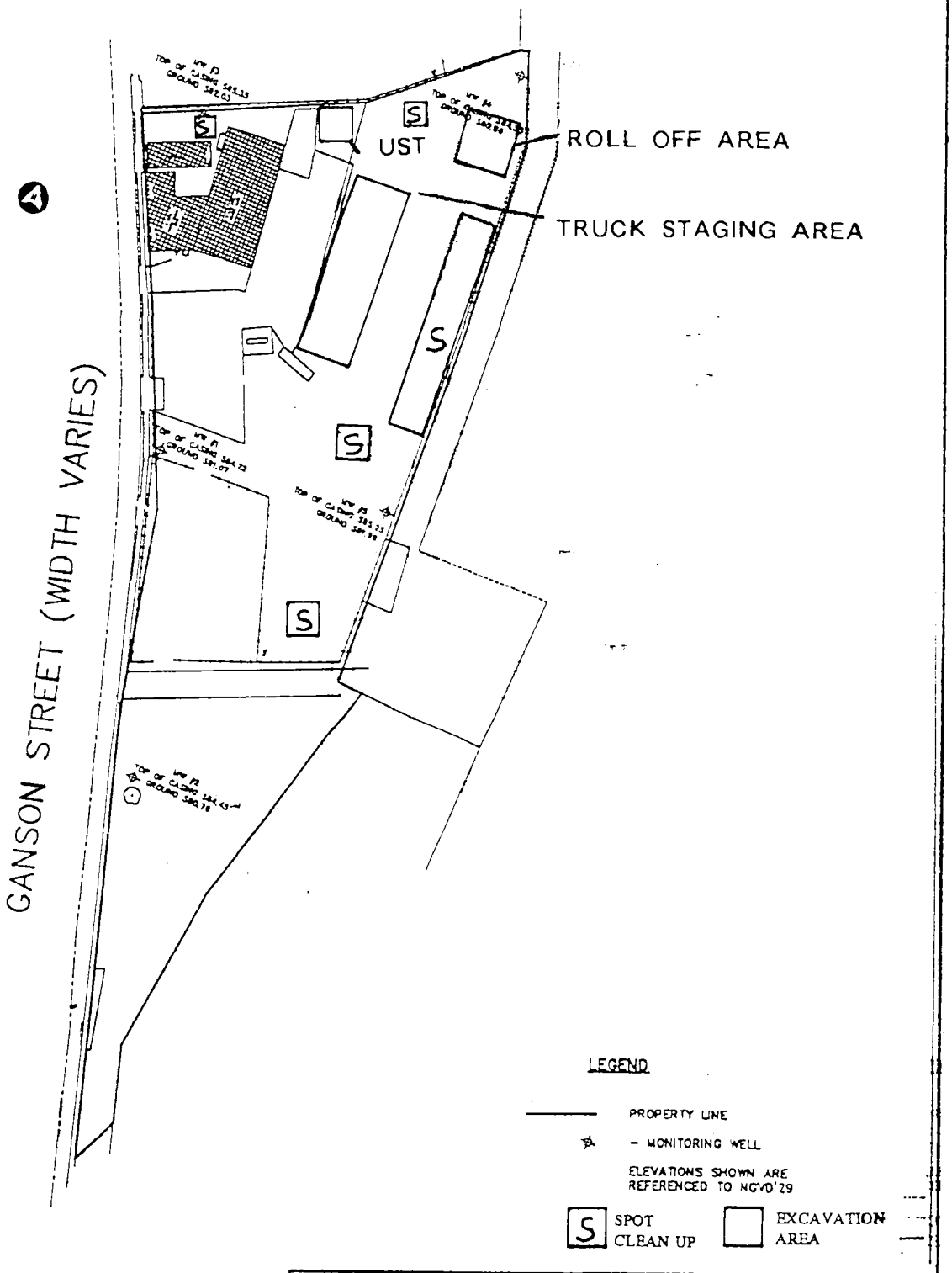
● PROJECT NO. H 1025

FIGURE NO. 2

WENDEL
7405 CANAL ROAD, P.O. BOX 301
LOCKPORT N.Y. 14095 716-433-5893 716-625-8226

PART OF LOT		SEC.		TWP.	RNG.
CITY	BUFFALO			DATE	11/14/1994
COUNTY	ERIE, NY			SCALE	1"=100'

AFI ENVIRONMENTAL
6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434



EXCAVATION LOCATION MAP

191 GANSON STREET

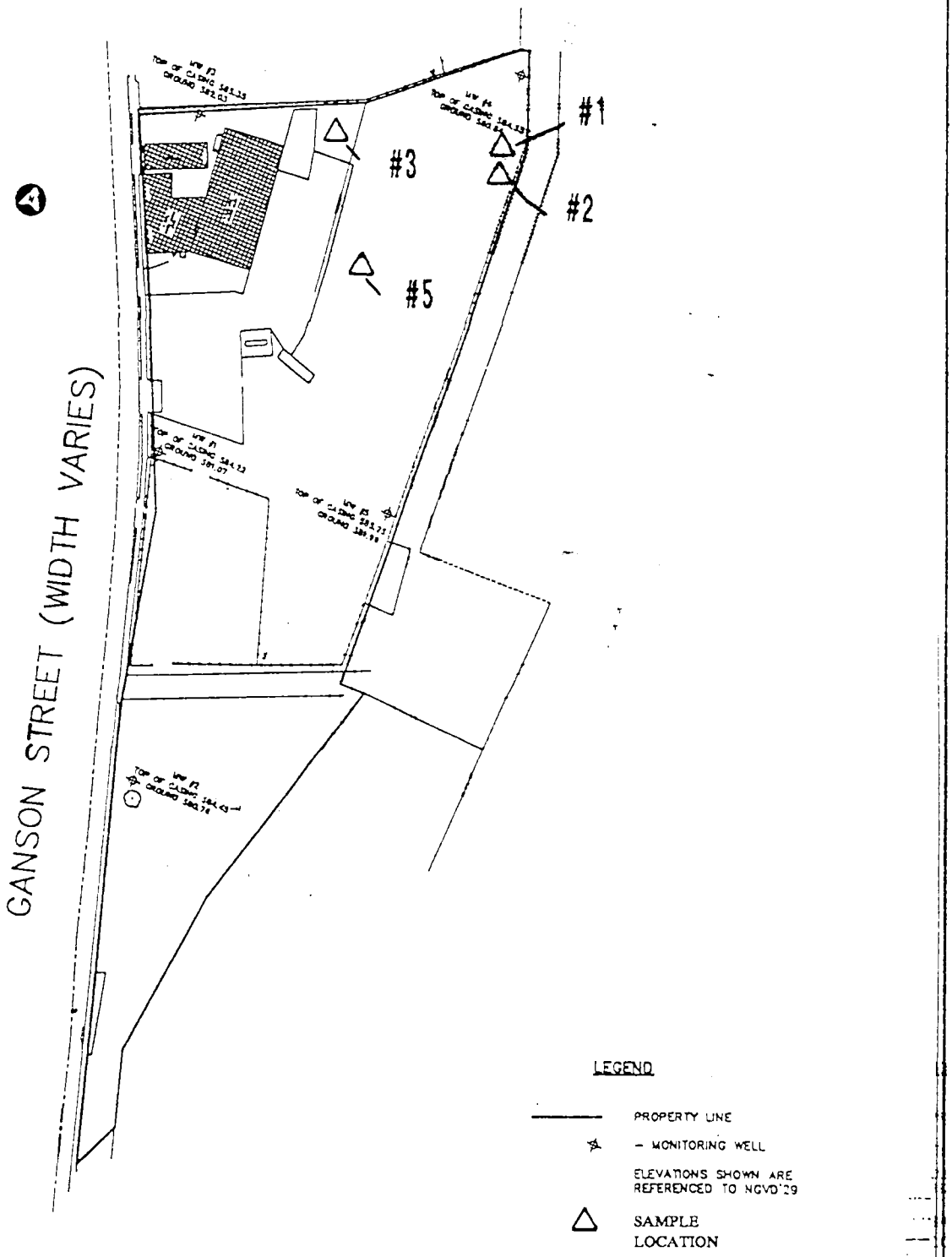
● PROJECT NO. H1025

PART OF LOT		SEC.	TWP. / RNG.
CITY	BUFFALO	DATE	11/14/1994
COUNTY	ERIE, NY	SCALE	1"=100'

WENDEL
7408 CANAL ROAD, P.O. BOX 301
LOCKPORT N.Y. 14095 716-433-3983 716-625-8228

AFI ENVIRONMENTAL
6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO. 3



SAMPLE LOCATION MAP

191 GANSON STREET

● PROJECT NO. H1025

WENDEL

7405 CANAL ROAD, P.O. BOX 301
LOCKPORT N.Y. 14095 716-433-3453 716-625-8228

PART OF LOT		SEC.		TWP.		RNG.
CITY	BUFFALO			DATE	11/14/1994	
COUNTY	ERIE, NY			SCALE	1"=100'	

AFI ENVIRONMENTAL

6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO.
4

the 18" excavated area. The excavation continued horizontally and vertically until no visual evidence of petroleum impacted soils were observed. All scrapings were placed in poly-lined roll-off containers. Transport and disposal was in accordance with section 2.4. The reclamation of the excavation was in accordance with 2.5.

2.2.2 SOIL EXCAVATION IN THE VICINITY OF THE ROLL-OFF STAGING AREA (EAST PROPERTY LINE)

Gravel and soil were excavated from a 25' by 25' by 18" area in the vicinity of the roll-off staging area (See figure #3). The excavation was accomplished using a backhoe and front end payloader operated by EPS personnel. The original excavation was increased when petroleum stained material was identified by the AFI field engineer on the floor of the excavation. The depth of the excavation was increased to 36" when stained soils were evident on the floor of the 18" excavated area. Examination of the base of the excavation showed the fill material to be placed around a historic railroad hid with wooden cross ties and a wooden floor or foundation. The detenation of the wooden floor stained the soils black. This foundation layer continued in all directions for a thickness of approximately 4" - 5". To verify the contact of this fill layer one analytical sample was collected. The excavation continued to the depth and width where minimal evidence of impacted soils was observed. All scrapings were placed in poly-lined roll-off containers. Transport and disposal was in accordance with section 2.4. The reclamation of the excavation was in accordance with 2.5.

2.2.3 SOIL EXCAVATION IN THE VICINITY OF THE OVERNIGHT TRUCK PARKING AREA AND FUEL ISLANDS.

Gravel soil in this section of the parking lot was excavated to a depth of 6" by a width of 15' and the length of 125' on both the East and West sides of the overnight truck parking area and fuel island. The excavation was completed by EPS Personnel using the front bucket of a payloader and scraping the surface to a depth of 6". A visual check of the excavation was made by AFI Personnel, after the excavation, to verify that all signs of staining had been removed. All scrapings were places in poly-lined roll-off containers. Transport and disposal was in accordance with section 2.4. The reclamation of the excavation was in accordance with 2.5.

2.2.4 SPOT CLEAN UP

Gravel soil in the parking lot displaying visual signs of staining was excavated using a backhoe and placed into a poly-lined roll-off container. Excavation was to a depth and lateral extent large enough to remove all visual signs of staining.

The transport and disposal of stained soil excavated from these

areas was in accordance with section 2.4. The reclamation of the excavation was in accordance with section 2.5.

Following the completion of the measures outlined above, all areas excavated were filled with number 2 crusher run stone, compacted and leveled.

2.2.5 REMOVAL OF DRILLING CUTTINGS FROM PREVIOUSLY INSTALLED WELLS

Three (3) 55 gallon drums containing auger cuttings collected during the installation of the monitoring wells installed on site were disposed of by EPS Personnel. The drums were off-loaded into the Poly-lined roll-off containers, crushed flat, and disposed of with the soils.

2.3 SEDIMENT REMEDIATION

2.3.1 STORM SEWER SEDIMENT

Storm sewer remediation was conducted by the above contractor at later date. This was due to the need, by WMNY to obtain approval, from the Buffalo Sewer Authority, for disposal of the discharge material; prior to discharge into the Buffalo Sewer System. Sediment was removed from four (4) Storm Water inlets by using a vacuum line attached to a 3,000 gallon vacuum truck. Flushing of the sewer line was accomplished using a high pressure, water lancing system. The vacuum truck was operational during the sewer flushing procedure to capture the wash water. After flushing, the sediment accumulated at each inlet basin was manually removed and captured by the vacuum truck. All sediment and wash water was disposed of at the Buffalo Sewer Authority under proper disposal permits. AFI field engineers inspected the clearing activity after the activities had been completed.

2.4 TRANSPORT AND TREATMENT/DISPOSAL OF SOLID AND LIQUID WASTES

Impacted soil and sediment generated during the remedial program were placed in poly lined roll-off containers prior to removal from the site. This material was transported by Waste Management, a permitted hauler, to High Acres Landfill, a non-hazardous waste landfill, which was authorized to receive petroleum impacted soils. Analytical data from the chemical profiling of impacted soils collected prior to the remedial activities was utilized for waste characterization purposes. Analysis of soil collected during excavation is presented in Appendix A. This information was utilized by Waste Management personnel to complete Form 47-19-7, *Application for Treatment or Disposal of an Industrial Waste Stream* contained in Appendix B. All soils were disposed at the High Acres Landfill in Fairport, New York.

Wash water generated during the Storm Water cleaning, and collected by the vacuum truck, was transported under the appropriate permits to Buffalo Sewer Authority for treatment and/disposal. Sediment contained within the vacuum truck were removed and disposed at a permitted facility. Records documenting the transport and proper disposal of all solid and liquid waste were retained by Waste Management personnel and are not part of this report.

2.5 EXCAVATION RECLAMATION

2.5.1 BACKFILLING AND COMPACTION

EPS Personel backfilled each excavated area with clean #2 crusher run stone, then compacted the area by repeated running over the stone with a payloader. Final shaping was conducted by scraping the surface level. Photographs of the facility clean up activity are presented in Appendix C and Analytical Results are present in Appendix A.

2.5.2 BLACKTOPPING

Blacktop areas stained from the chronic overnight leaking of oil and grease from Packer and Roll-off Trucks, were scraped and resurfaced with a 1" top coat of fresh black top. (Photographs see Appendix C).

3.0 ANALYTICAL TESTING

3.1 SAMPLE LOCATIONS

Two (2) types of media were sampled during the course of the investigation performed by AFI Environmental, and can be classified as either soil or gravel. A total of five (5) soil samples were collected. The locations from which these samples were obtained are depicted on Figure 4.

3.2 SAMPLING TECHNIQUES

Two (2) sampling techniques were utilized to collect soil and sediment samples on June 29, 1995, and are described in the following subsections. All samples were collected by an AFI Environmental field engineer and were placed in precleaned laboratory sample bottles, which were labeled with the sample number, date and time of collection, sampler's initials, and the analyses requested.

3.2.1 GRAB SAMPLES

With the exception of the impacted soil samples collected from the location where UST was previously removed, the Roll-off staging area excavation sampling, and the sampling from the excavation near the truck staging area, the remaining soil samples were collected as grab samples. Grab samples were collected using a coated steel trowel that was decontaminated via a detergent wash and deionized water rinse prior to the collection of each sample. Grab soil samples were collected at the base of the excavation conducted in the vicinity of the Roll-off staging area.

3.2.2 HOMOGINIZED COMPOSITE SAMPLES

Homogenized composite samples were assembled to characterize background soil quality and to chemically profile the quality of soils remaining within the excavated areas once the visual evidence of impacted soils had been excavated. Homogenized Composite samples were also collected as a means of profiling soils for waste characterization purposes.

3.3 SAMPLING LOCATIONS

3.3.1 SAMPLING IN THE AREA OF THE PREVIOUSLY REMOVED UST

The sample from the site of the previously removed UST, identified as sample #3 was assembled from samples collected from five (5) points situated at the eastern, western, nothern, southern and bottom margin of the excavated area. Soil from each of these points was collected, placed on a poly sheet, and mixed to obtain a homogenous composite sample. (See figure #4 for sample location and Appendix A for results).

3.3.2 SAMPLING THE EXCAVATION IN THE VICINITY OF THE ROLL-OFF STAGING AREA

The sample from the site of the Roll-off staging area, sample #1 was assembled from samples collected from five (5) points situated at the eastern, western, southern, and north walls as well as the floor of the excavation. Soil from each of these points was collected, placed on poly sheet, and mixed to obtain a homogenous composite sample.

3.3.3 SAMPLING THE SUB-BASE OF THE ROLL-OFF STAGING AREA EXCAVATION

The sample from the Sub-base of the roll-off staging area excavation was collected as a grab sample from the area demonstrating signs of high carbon/wood content (black).

3.3.4 SAMPLING THE EXCAVATION IN THE VICINITY OF THE OVERNIGHT TRUCK PARKING AREA

The sample from the site of the overnight truck parking area, sample #5, was assembled from samples collected from five (5) points situated at the eastern, western, southern, and north walls as well as the floor of the excavation. Soil from each of these points was collected, placed on poly sheet, and mixed to obtain a homogenous composite sample.

3.3.5 WASTE CHARACTERIZATION

The sampling collected for Waste Characterization verification was collected as a composite sample; randomly selected from the spoils pile of excavated material, prior to being loaded into the roll-off container. The composite was made up from 3 distint sub-samples.

3.4 ANALYTICAL TESTING

All soil and sediment samples were transported under proper chain of custody records to Lozier Labs of Rochester immediately following collection on June 29, 1995. All samples underwent testing for waste characterization/PCBS, TCLP Stars 8021, and TCLP Stars 8270. These analytical methods were selected based upon results from earlier investigations at the project site.

The Lozier laboratory report containing the analytical results, QA/QC data, and chain of custody records is presented in Appendix A. These analytical results are discussed in the following paragraphs:

3.5 SOIL SAMPLES

3.5.1 ANALYTICAL RESULTS FROM THE FORMER SITE OF UST

Analytical results for Sample #3 collected as a composite sample from the sides and base of the former UST excavation are presented in Appendix A. As presented these results show that all values for PCB's except PCB-1260 are below quantifiable limits. PCB-1260 was detected at .27 mg/kg. Benzene and Tolumene were detected at 6.9 ug/1 and 1.6 ug/1 respectfully. All Poly Nuclear Aromatic Hydrocarbons identified in EPA method 8270 were below quantifiable limits.

3.5.2 ANALYTICAL RESULTS FROM THE ROLL-OFF STAGING AREA

Analytical results for Sample #1 collected as a composite sample from the sides and base of the roll-off staging area are presented in Appendix A. As presented these results show that all values for

PCB's except PCB-1260 are below quantifiable limits. PCB-1260 was detected at .18 mg/kg. All Poly Nuclear Aromatic Hydrocarbon identified in EPA method 8270 and volatiles identified in EPA Method 8021 were below quantifiable limits.

3.5.3 ANALYTICAL RESULTS FROM BASE OF ROLL-OFF STAGING AREA

Analytical results for Sample #2 collected from the base of the roll-off staging area as a grab sample are presented in Appendix A. As presented these results show that all values for PCB's were below quantifiable limits. Benzene and Toluene were detected at 9.5 ug/1 and 5.0 ug/1 respectfully. All Poly Nuclear Aromatic Hydrocarbon identified in EPA method 8270 were below quantifiable limits.

3.5.4 ANALYTICAL RESULTS FROM TRUCK STAGING AREA

Analytical results for Sample #5 collected as a composite sample from the sides and base of the excavation near the truck staging area are presented in Appendix A. As presented these results show that all values for PCBare below quantifiable limits. All Poly Nuclear Aromatic Hydro Carbon identified in EPA method 8270 and all volatiles identified in 8021 TCLP Extraction were below quantifiable limits.

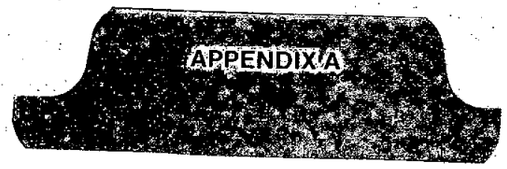
3.5.5 ANALYTICAL RESULTS FOR WASTE CHARACTERIZATION

As presented in Appendix A, results of Sample #4 analysis indicate that all parameters identified in EPA Method 8270, EPA Method 8021, and EPA Method 608 were below quantifiable limits, except for Toluene at 2.0 ug/L.

4.0 SUMMARY

The evaluation of analytical data resulting from the modified Phase II investigation and supplemental remedial investigation, at 191 Ganson Street, identified some chemical constituents within the soils and sediment from isolated areas across the site and within the storm water drainage system. The data from on site groundwater monitoring wells did not show any signs of chemical contamination of the Groundwater leaving or entering the site.

All areas where chemical constituents were identified in the soils were removed by EPS Personnel and verified as clean by visual inspection by AFI Personnel. The result of composite samples collected after clean-up activities show that all areas excavated were cleaned up to background levels or lower for all chemical constituents. A photographic record of clean-up procedure and site reclamation is presented in Appendix C.


APPENDIX A

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : AFI ENVIRONMENTAL
7815 BUFFALO AVENUE
NIAGARA FALLS, NY 14304

ATTN: BILL HEITZENRATER

DATE REC'D. : 06/29/95
LABORATORY NO. : 95064082
REPORT DATE : 07/13/95

RE: WASTE MGT/DOWNING CONT.
EXCAVATION SOIL SAMPLING
NYSDEC STARS PROGRAM TESTING

SAMPLE INFORMATION

SAMPLE DATE	: 06/29/95	LOCATION	: SEE REPORT
SAMPLE TIME	: 11:15-4:00 PM	TYPE OF SAMPLE	: SOIL
NUMBER OF SAMPLES:	5	SAMPLER	: CLIENT

POLYNUCLEAR AROMATIC HYDROCARBONS

PARAMETER	*1	*2	*3	*4	*5
NAPHTHALENE	<0.010	<0.010	<0.010	<0.010	<0.010
ACENAPHTHYLENE	<0.010	<0.010	<0.010	<0.010	<0.010
ACENAPHTHENE	<0.010	<0.010	<0.010	<0.010	<0.010
FLUORENE	<0.010	<0.010	<0.010	<0.010	<0.010
PHENANTHRENE	<0.010	<0.010	<0.010	<0.010	<0.010
ANTHRACENE	<0.010	<0.010	<0.010	<0.010	<0.010
FLUORANTHENE	<0.010	<0.010	<0.010	<0.010	<0.010
PYRENE	<0.010	<0.010	<0.010	<0.010	<0.010
CHRYSENE	<0.010	<0.010	<0.010	<0.010	<0.010
BENZO(b)FLUORANTHENE	<0.010	<0.010	<0.010	<0.010	<0.010
BENZO(k)FLUORANTHENE	<0.010	<0.010	<0.010	<0.010	<0.010
BENZO(a)PYRENE	<0.010	<0.010	<0.010	<0.010	<0.010
DIBENZO(a,h)ANTHRACENE	<0.010	<0.010	<0.010	<0.010	<0.010
INDENO(1,2,3-cd)PYRENE	<0.010	<0.010	<0.010	<0.010	<0.010
BENZO(g,h,i)PERYLENE	<0.010	<0.010	<0.010	<0.010	<0.010
BENZO(a)ANTHRACENE	<0.010	<0.010	<0.010	<0.010	<0.010
DILUTION FACTOR	1	1	1	1	1
SURROGATE RECOVERIES :					
NITROBENZENE-d5	60%	43%	81%	36%	41%
ACC RANGE (38-114)%					
2-FLUOROBIPHENYL	52%	34%	67%	24%	28%
ACC RANGE (43-116)%					
TERPHENYL-d14	82%	55%	88%	32%	34%
ACC RANGE (33-141)%					

Analysis performed by EPA Method 8270 on 07/08/95.
All units expressed as mg/l unless otherwise specified.

*1 Loc. #14 Comp.
*2 Base of Excavation
*3 Excavation #3
*4 Soil Disposal
*5 Excavation #2

NYSDOH LAB ID # 10390
jsh

ALAN J. LAPPIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI ENVIRONMENTAL

LOZIER LABORATORY NO. 95064082

S.T.A.R.S. 8021 - VOLATILES TCLP EXTRACTION

PARAMETER	*1	*2	*3	*4	*5
METHYL t-BUTYL ETHER (MTBE)	<5.0	<5.0	<5.0	<5.0	<5.0
BENZENE	<0.7	9.5	6.3	<0.7	<1.0
ETHYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0
TOLUENE	<1.0	5.0	1.6	2.0	<1.0
m+p XYLENES	<2.0	<2.0	<2.0	<2.0	<2.0
o-XYLENE	<1.0	<1.0	<1.0	<1.0	<1.0
TOTAL XYLENES	<3.0	<3.0	<3.0	<3.0	<3.0
ISOPROPYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0
n-PROPYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-TRIMETHYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-TRIMETHYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0
sec-BUTYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0
p-ISOPROPYLTOLUENE	<1.0	<1.0	<1.0	<1.0	<1.0
n-BUTYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0
NAPHTHALENE	<1.0	<1.0	<1.0	<1.0	<1.0
SURROGATE RECOVERY:					
a,a,a-TFT	93%	102%	84%	99%	108%
ACC RANGE (60-132)%					

Analysis performed by EPA Method 8021.
All units expressed as µg/l unless otherwise specified.

Location	Date Analyzed
*1 Loc. #14 Comp.	07/07
*2 Base of Excavation	07/07
*3 Excavation #3	07/07
*4 Soil Disposal	07/07
*5 Excavation #2	07/10

NYSDOH LAB ID # 10390
jhs

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI ENVIRONMENTAL

LOZIER LABORATORY NO. 95064082

POLYCHLORINATED BIPHENYLS

PARAMETER	*1	*2	*3	*4	*5	UNITS
PCB-1221	<0.036	<0.036	<0.036	<0.036	<0.036	mg/kg
PCB 1232	<0.036	<0.036	<0.036	<0.036	<0.036	mg/kg
PCB-1016	<0.036	<0.036	<0.036	<0.036	<0.036	mg/kg
PCB-1242	<0.036	<0.036	<0.036	<0.036	<0.036	mg/kg
PCB-1248	<0.036	<0.036	<0.036	<0.036	<0.036	mg/kg
PCB-1254	<0.036	<0.036	<0.036	<0.036	<0.036	mg/kg
PCB-1260	0.18	<0.036	0.27	<0.036	<0.036	mg/kg
PCB-1262	<0.036	<0.036	<0.036	<0.036	<0.036	mg/kg
PCB-1268	<0.036	<0.036	<0.036	<0.036	<0.036	mg/kg
TOTAL PCB's	0.18	<0.036	0.27	<0.036	<0.036	mg/kg
SURROGATE RECOVERY % DCB	*	*	*	97	103	%
ACC RANGE (41-154)%						

* No surrogate added by prep. Supply exhausted. Samples prepped without surrogate due to holding time considerations.

Performed by EPA Method 608 PCB's on 07/14/95

Location
*1 Loc. #14 Comp.
*2 Base of Excavation
*3 Excavation #3
*4 Soil Disposal
*5 Excavation #2

NYSDOH LAB # 10390
jhs

ALAN J. LAFFIN
LABORATORY DIRECTOR

9506408 2

LOZIER
Laboratories, Inc.
909 Culver Road
Rochester, NY 14609
716-654-6350

Company Name: WASTE Management Dewaise Container
Project Name / Number: h1025

Turnaround Time
[X] Standard Service
[ ] - * Rush Service
Date requested by:
Ph # (716) - 283 - 2685
Fax # (716) - 283 - 2853

Page 1 of 1

Send Report to: AEI ENVIRONMENTAL
7815 Buffalo Ave
NIAGARA FALLS, N.Y

Send Invoice to: SAME

P.O. #

Chain of Custody Record

SAMPLE ID	Date	Time	TYPE: Comp.	Grab	Aqueous	Soil	Other	Laboratory ID Number	PARAMETERS FOR ANALYSIS
#1 a Composite location #1 & 1a	6/29	11:15	X			X			
b 2 Bottles for each sample									
#2 Base of excavation	6/29	3pm		X		X			
#3 EXCAVATION # 3 & B	6/29	4pm	X			X			
#4 Soil Disposal mix	6/29	4p	X			X			
#5 EXCAVATION # 2	6/29	4p	X			X			

REMARKS: Sample #2 is from questionable material left in pit Below 18" EXCAVATION

Total Containers -

SAMPLER'S NAME: Bill Hayward SIGNATURE: Bill Hayward

SAMPLES RELINQUISHED BY:		SAMPLES RECEIVED BY:	
NAME: Bill Hayward	DATE: 6/29	NAME:	DATE:
SIGNATURE:	TIME: 6:30	SIGNATURE:	TIME:
NAME: Arnold W. Drescher	DATE: 6/29	NAME:	DATE:
SIGNATURE: Arnold W. Drescher	TIME: 6:30	SIGNATURE:	TIME:
NAME:	DATE:	Received For Laboratory By:	DATE: 6/29/95
SIGNATURE:	TIME:	(Signature) Adam Hoag	TIME: 6:30

Custody Seal Intact? Sample [ ] Yes [ ] No [ ] N.A.
Shipment Complete? [ ] Yes [ ] No

Temp ____ °C TS TB TM

Airbill #

LOZIER
Laboratories, Inc.
909 Culver Road
Rochester, NY 14609
716-654-6350

Company Name: WASTE MANAGEMENT Dawson Facility

Project Name / Number: Acres

Turn-Around Time
[X] - Standard Service
[ ] - *Rush Service
Date requested by:
Ph # (716) 343 - 7645
Fax # (716) 343 - 3853

Page 1 of

Send Report to: AFI ENVIRONMENTAL
7815 Buffalo Ave
NIAGARA FALLS, NY

Send Invoice to: SAME

P.O. #:

Chain of Custody Record

SAMPLE ID	Date	Time	TYPE: Comp.	TYPE: Grab	Aqueous	Soil	Other	Laboratory ID Number	PARAMETERS FOR ANALYSIS
#1 Composite location #1 S/A & 2 Bottles for each sample	6/29	11:15	X			X			
#2 Bay of excavation	6/29	3:00		X		X			
#3 Excavation #3 S/B	6/29	4pm	X			X			
#4 Soil Disposal Mat.	6/21	4p	X			X			
#5 Excavation #2	6/29	4pm	X			X			

Total Containers -

REMARKS: Sample #2 is from questionable material left in the bottom of excavation

SAMPLER'S NAME: Bill Hazlewood SIGNATURE:

SAMPLES RELINQUISHED BY:		SAMPLES RECEIVED BY:	
NAME: Bill Hazlewood	DATE: 6/29	NAME:	DATE:
SIGNATURE:	TIME: 6:30	SIGNATURE:	TIME:
NAME: Andrew W. Freeman	DATE: 6/29	NAME:	DATE:
SIGNATURE: Andrew W. Freeman	TIME: 6:30	SIGNATURE:	TIME:
NAME:	DATE:	Received For Laboratory By: (Signature)	DATE:
SIGNATURE:	TIME:		TIME:

Custody Seal Intact? Sample [ ] Yes [ ] No [ ] N.A.
Shipment Complete? [ ] Yes [ ] No

Temp ____ °C TS TB TM

Airbill #

APPENDIX B

GENERATOR'S WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

Waste Profile Sheet Code: WMNA 326826

This form is to be used to comply with the requirements of a waste agreement.

INSTRUCTIONS FOR COMPLETING THIS FORM ARE ATTACHED

(Shaded Areas For Contractor Use Only)

Decision Expiration Date: 12 / 1 / 95

Contractor Sales Rep#: Hanalca

Service Agr. Renewal Date: / /

A. WASTE GENERATOR INFORMATION

1. Generator Name: Waste Management of N.Y. - Bfle
2. SIC Code:
3. Facility Address (site of waste generation): 421 Ganson St
4. Generator City, State/Province: Buffalo, NY
5. Zip/Postal Code: 14203
6. Generator USEPA/Federal ID #:
7. State/Province ID #:
8. Technical Contact: Tim Eich
9. Phone: (716) 852 - 6121

B. WASTE STREAM INFORMATION (See Instructions)

1. Name of Waste: Contaminated Soil
2. Process Generating Waste: excavation of truck parking area
3. Annual Amount/Units: 50 cubic yards
4. Type A ☒ (2) Type B ☐
5. Special Handling Instructions/Supplemental Information:
6. Incidental Waste Types and Amounts: None Known

C. TRANSPORTATION INFORMATION

1. Method of Shipment: ☐ Bulk Liquid ☐ Bulk Sludge ☒ Bulk Solid ☐ Drum/Box ☐ Other
2. Supplemental Shipping Information:
3. Is a DOT hazardous material? ☒ No ☐ Yes (If yes, complete 4, 5 & 6) 4. Hazard Class/ID #: NA
5. Reportable Quantity/Units (lb/kg): 0 6. Shipping Name: NA

D. TECHNICAL MANAGER DECISION (Check One) ☒ APPROVED ☐ DISAPPROVED ☐ Check if additional information is attached

If Disapproved, Explain:

If Approved, Continue.

1. Management Method(s): CO DISPOSAL OR USE AS DAILY COVER SOIL IN ACCORDANCE WITH PART 360 PERMIT.
2. Precautions, Conditions, or Limitations on Approval: ENSURE COPY OF SERVICE AGREEMENT IS ON FILE
3. For Type A Wastes, Laboratory Analysis of a Representative Sample Was: ☐ Waived ☒ Attached
   If waived, explain why:
4. List Non-WMI Facility that is Approved to Manage this Waste: Date:

Tech. Mgr. Signature: John A. Minchhand Name (Print): John A. Minchhand Date: 06/22/95

E. MANAGEMENT FACILITY INFORMATION / DECISION

1. Proposed Management Facility: High Acres Landfill
2. Proposed Intermediate Transfer Facility: 3. Transporter: Waste Management - Buffalo
4. Management Facility Gen. Mgr. Decision (Check One) ☒ APPROVED ☐ DISAPPROVED

If Disapproved, Explain:

If Approved, List Precautions, Conditions, or Limitations on Approval:

General Mgr. Signature: Joanne Ragusa Name (Print): Joanne Ragusa Date: 6/22/95

Turn Page and Complete Side 2 (If Type B Special Waste, only complete Part J of Side 2)

GENERATOR'S WASTE PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

F. PHYSICAL CHARACTERISTICS OF WASTE (See instructions)

1. Color	2. Does the waste have a strong incidental odor?	3. Physical State @ 70 F/21 C.	4. Layers	5. Specific Gravity	6. Free Liquids:
Brown	☒ No ☐ Yes: If so describe:	☐ Solid ☐ Semi-Solid ☐ Liquid ☐ Powder ☐ Other:	☐ Multi-layered ☐ Bi-layered ☒ Single Phased	Range	☐ Yes ☒ No Volume: %

7. pH: ☐ ≤2 ☐ > 2-4 ☐ 4-7 ☐ [illegible] ☐ 7-10 ☐ 10- <12.5 ☐ ≥12.5 ☐ Range ☐ NA

8. Flash Point: ☐ None ☐ <140°F/60°C ☐ 140 - 199°F/60 - 93°C ☐ ≥200°F/93°C ☐ Closed Cup ☐ Open Cup

G. CHEMICAL COMPOSITION

	RANGE (MIN-MAX)
Soil Matrix	- %
	- %
	- %
	- %
	- %
	- %
	- %
	- %
	- %
Total	%

2. Does the waste contain any of the following? (provide concentration if known)

	NO	or	LESS THAN	or	ACTUAL
PCBs	☐		☒ < 50 ppm		____ ppm
Cyanides	☐		☐ < 30 ppm		____ ppm
Sulfides	☐		☐ < 500 ppm		____ ppm

Please note: Unless analytical results are attached, the chemical composition identification should include, at a minimum, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium, Silver, Pesticides, Herbicides, and any other TCLP constituents that may be present in the waste. The total composition must be greater than or equal to 100%. (.0001% = 1 ppm or 1 mg/l)

3. Indicate method used to determine composition (if provided): ☒ TCLP ☐ Total ☐ Other: ____

H. SAMPLING SOURCE (e.g., Drum, Lagoon, Pit, Pond, Tank, Vat) ____

REPRESENTATIVE SAMPLE CERTIFICATION

1. Print Sampler's Name: [illegible] 2. Sample Date: ____

3. Sampler's Title: ____

4. Sampler's Employer if other than Generator: ____

The sampler's signature certifies that any sample submitted is representative of the waste described above pursuant to 40 CFR 261.20(c) or equivalent rules.

5. Sampler's Signature: ____

J. GENERATOR CERTIFICATION

By signing this profile sheet, the Generator certifies:

1. This waste is not a "Hazardous Waste" as defined by USEPA or Canadian Federal regulation and/or the state/province.
2. This waste does not contain regulated radioactive materials or regulated concentrations of PCB's (Polychlorinated Biphenyls).
3. The unshaded portions of this sheet and the attachments contain true and accurate descriptions of the waste material. All relevant information regarding known or suspected hazards in the possession of the Generator has been disclosed.
4. The Generator has read and understands the Contractor's Definition of Special Waste included in Part B.5. of the attached instructions form. All types and amounts of special wastes provided in incidental amounts have been identified in section B.6. of this form.
5. The analytical data presented herein or attached hereto were derived from testing a representative sample taken in accordance with 40 CFR 261.20(c) or equivalent rules.
6. If any changes occur in the character of the waste, the Generator shall notify the Contractor prior to providing the waste to the Contractor.

7. Signature X: [signature] 8. Title: [illegible]

9. Name (Type or Print) X: [illegible] 10. Date X: [illegible]

LOZIER LABORATORIES, INC.

909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : AFI ENVIRONMENTAL
6101 ROBINSON RD
LOCKPORT, NY 14094

DATE REC'D. : 12/06/94
LABORATORY NO. : 94116329
REPORT DATE : 12/09/94

ATTN : BILL HEITZENRATER

RE : WMNY, GANSON ST., BUFFALO, NY

SAMPLE INFORMATION

SAMPLE DATE : 12/06/94
SAMPLE TIME : 12:20-12:47 PM
NUMBER OF SAMPLES : 3

LOCATION : SEE REFERENCE
TYPE OF SAMPLE: SOILS/SLUDGE
SAMPLER : LOZIER LABS

PESTICIDES

PARAMETER	WET WT	DRY WT	WET WT	DRY WT	WET WT	DRY WT	UNITS
	LOCATION #10		LOCATION #9		LOCATION #14		
ALPHA-ENDOSULFAN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
BETA-ENDOSULFAN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ENDOSULFAN SULFATE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ALPHA-BHC	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
BETA-BHC	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
DELTA-BHC	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
GAMMA-BHC	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ALDRIN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
DIELDRIN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
4,4-DDE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
4,4-DDD	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
4,4-DDT	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ENDRIN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ENDRIN ALDEHYDE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
HEPTACHLOR	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
HEPTACHLOR EPOXIDE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
CHLORDANE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
TOXAPHENE	<0.5	<0.6	<0.5	<0.6	<0.5	<0.8	mg/kg
METHOXYCHLOR	<0.10	<0.1	<0.10	<0.1	<0.10	<0.1	mg/kg
% SURROGATE RECOVERIES:	116	--	132	--	336*	--	%

Analysis performed by EPA Method 8080 Organochlorine Pesticides and PCB's on 11/29/94 and extracted on 12/08/94.

*High % recovery due to matrix pattern interference (acceptable range: 34-183%).

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94126329

POLYCHLORINATED BIPHENYLS

PARAMETER	WET WT	DRY WT	WET WT	DRY WT	WET WT	DRY WT	UNITS
	LOCATION #10		LOCATION #9		LOCATION #14		
PCB-1221	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB 1232	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1016	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1242	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1248	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1254	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1260	0.22	0.25	5.6	6.7	0.22	0.34	mg/kg
PCB-1262	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1268	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
TOTAL PCB's	0.22	0.25	5.6	6.7	0.22	0.34	mg/kg
**% SOLIDS	89.1	--	83.4	--	63.9	--	%
% SURROGATE RECOVERIES:	116	--	132	--	336*	--	%

Analysis performed by EPA Method 8080 Organochlorine Pesticides and PCB's on 11/29/94 and extracted on 12/08/94.

*High % recovery due to matrix pattern interference (acceptable range: 34-183%).

**Percent Solids analysis performed by EPA Method 160.3 on 12/09/94.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94126329

EPA METHOD 8270 SEMIVOLATILES (ACIDS/BASE NEUTRALS)
MATRIX : SOLID

PARAMETER	WET WT	DRY WT	WET WT	DRY WT	WET WT	DRY WT	METHOD
	LOCATION #10		LOCATION #9		LOCATION #14		BLANK
ACENAPHTHENE	<620	<700	<620	<720	<1,200	<1,900	<330
ACENAPTHYLENE	<620	<700	<620	<720	<1,200	<1,900	<330
ANTHRACENE	760	850	<620	<720	<1,200	<1,900	<330
BENZIDINE	<1,300	<1,500	<1,300	<1,600	<2,500	<3,900	<660
BENZO(a)ANTHRACENE	2,600	2,900	<620	<700	<1,200	<1,900	<330
BENZO(a)PYRENE	2,400	2,700	<620	<700	<1,200	<1,900	<330
BENZO(b)FLUORANTHENE	2,800	3,000	<620	<700	<1,200	<1,900	<330
BENZO(ghi)PERYLENE	2,000	2,200	630	800	<1,200	<1,900	<330
BENZO(k)FLUORANTHENE	1,800	2,000	<620	<700	<1,200	<1,900	<330
BENZOIC ACID	<1,300	<1,500	<1,300	<1,600	<2,500	<3,900	<660
BENZYL ALCOHOL	<1,300	<1,500	<1,300	<1,600	<2,500	<3,900	<660
BENYL BUTYL PHTHALATE	<620	<700	<620	<700	<1,200	<1,900	<330
BIS(2-CHLOROETHOXY)METHANE	<620	<700	<620	<700	<1,200	<1,900	<330
BIS(2-CHLOROETHYL)ETHER	<620	<700	<620	<700	<1,200	<1,900	<330
BIS(2-CHLOROISOPROPYL)ETHER	<620	<700	<620	<700	<1,200	<1,900	<330
BIS(2-ETHYLHEXYL)PHTHALATE	700	800	990	1,200	32,000	50,000	<330
4-BROMOPHENYLPHENYL ETHER	<620	<700	<620	<700	<1,200	<1,900	<330
4-CHLORO-3-METHYLPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
4-CHLOROANILINE	<620	<700	<620	<700	<1,200	<1,900	<330
2-CHLORONAPHTHALENE	<620	<700	<620	<700	<1,200	<1,900	<330
2-CHLOROPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
4-CHLOROPHENYL PHENYL ETHER	<620	<700	<620	<700	<1,200	<1,900	<330
CHRYSENE	2,200	2,500	<620	<700	<1,200	<1,900	<330
DIBENZO(a,h)ANTHRACNE	900	1,000	<620	<700	<1,200	<1,900	<330
DIBENZOFURAN	<620	<700	<620	<700	<1,200	<1,900	<330
1,2-DICHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
1,3-DICHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
1,4-DICHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
3,3'-DICHLOROBENZIDINE	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
DIETHYL PHTHALATE	<620	<700	<620	<700	<1,200	<1,900	<330
2,4-DICHLOROPHENOL	<620	<700	<1,200	<1,400	<1,200	<1,900	<330
DIMETHYL PHTHALATE	<620	<700	<1,200	<1,400	<1,200	<1,900	<330
DI-N-BUTYL PHTHALATE	6,000	6,700	2,700	3,000	<1,200	<1,900	1,400
DI-N-OCTYL PHTHALATE	<620	<700	<620	<700	<1,200	<1,900	<330
2,4-DINITROTOLUENE	<620	<700	<620	<700	<1,200	<1,900	<330
2,6-DINITROTOLUENE	<620	<700	<620	<700	<1,200	<1,900	<330
FLUORANTHENE	3,200	3,600	<620	<700	12,000	19,000	<330
FLOURENE	<620	<700	<620	<700	<1,200	<1,900	<330

Analysis performed by EPA Method 8270 Solid Waste on 12/08/94 and extracted on 12/07/94.
Results expressed in ug/kg.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.

909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : AFI ENVIRONMENTAL
6101 ROBINSON RD
LOCKPORT, NY 14094

ATTN : BILL HEITZENRATER

DATE REC'D. : 11/01/94
LABORATORY NO. : 94115635
REPORT DATE : 12/08/94

RE : WMNY, GANSON ST.
BUFFALO, NY

SAMPLE INFORMATION

SAMPLE DATE : 10/31/94
SAMPLE TIME : 3:15-4:00 PM
NUMBER OF SAMPLES : 3

LOCATION : SEE REFERENCE
TYPE OF SAMPLE: SOILS/SLUDGE
SAMPLER : CLIENT

LABORATORY REPORT

PARAMETER	S-1 WET WEIGHT	S-1 DRY WEIGHT	S-2 WET WEIGHT	S-2 DRY WEIGHT	S-3 WET WEIGHT	S-3 DRY WEIGHT	EPA METHOD	DATE ANALYZED
% SOLID (%)	86.8	--	95.4	--	64.1	--	160.3	11/04
TOTAL CYANIDE	1.25	1.44	0.87	0.91	1.53	2.39	9010	11/17
ARSENIC	30.7	35.3	5.31	5.58	2.54	3.96	7060	11/16
BARIUM	304	350	170	179	208	324	7080	11/08
CADMIUM	<2.13	<2.45	<2.23	<2.34	4.63	7.22	7130	11/07
CHROMIUM	31.8	36.6	18.6	19.5	19.9	31.0	7190	11/09
LEAD	342	393	49.1	51.6	83.8	131	7420	11/08
MERCURY	0.11	0.13	0.09	0.09	0.14	0.22	7471	11/10
SELENIUM	<0.41	<0.47	<0.44	<0.46	<0.20	<0.31	7740	11/16
SILVER	<2.07	<2.38	<2.22	<2.33	1.72	2.68	7760	11/09

Results expressed in mg/kg except where otherwise noted.

NYSDOH LAB ID # 10390
acq

ALAN J. LABWIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

EPA METHOD 8240 : VOLATILE ORGANICS

PARAMETER	S-1		S-2		S-3		METHOD	INSTRUMENT
	WW	DW	WW	DW	WW	DW	BLANK	BLANK (ug/l)
CHLOROMETHANE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
VINYL CHLORIDE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
BROMOMETHANE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
CHLOROETHANE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
1,1-DICHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
CARBON DISULFIDE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
ACETONE	<125	<144	66	69	<25,000	<39,000	<50	<50
METHYLENE CHLORIDE	<12	<14	<5	<5	<2,500	<3,900	17	<5
TRANS-1,2-DICHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
CIS-1,2-DICHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,1-DICHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
2-BUTANONE	<125	<144	<50	<52	<25,000	<39,000	<50	<50
CHLOROFORM	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,1,1-TRICHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
CARBON TETRACHLORIDE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
BENZENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,2-DICHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
TRICHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,2-DICHLOROPROPANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
VINYL ACETATE	<125	<144	<50	<52	<25,000	<39,000	<50	<50
BROMODICHLOROMETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
cis-1,3-DICHLOROPROPANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
4-METHYL-2-PENTANONE	<125	<144	<50	<52	<25,000	<39,000	<50	<50
TOLUENE	<12	<14	<5	<5	40,000	62,400	<5	<5
TRANS-1,3-DICHLOROPROPENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,1,2-TRICHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
TETRACHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
2-HEXANONE	<125	<144	<50	<52	<25,000	<39,000	<50	<50
DIBROMOCHLOROMETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
CHLOROBENZENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
ETHYLBENZENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
TOTAL XYLENES	<25	<29	<10	<11	<5,000	<7,800	<10	<10
STYRENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
BROMOFORM	<25	<29	<10	<11	<5,000	<7,800	<10	<10
1,1,2,2-TETRACHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
% SURROGATE RECOVERIES:								
1,2-DCE-d4 (70-121)	93 %		88 %		102 %		102 %	88 %
TOL-d8 (81-117)	118 %		114 %		99 %		99 %	98 %
4-BFB (74-121)	82 %		85 %		93 %		92 %	94 %

CASE NARRATIVE: Sample 1 had 2 grams analyzed. The presence of petroleum hydocarbons in matrix preclude lower reporting limits. Sample 3 analyzed by Medium Level Extraction Method (4 gm/10 ml); 0.025 ml/5 ml was purged and trapped FD 500x. The presence of petroleum hydrocarbons in matrix precludes lower reporting levels.

COMMENTS: WW = Wet Weight, DW = Dry Weight, Results expressed in ug/kg.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94126329

EPA METHOD 8270 SEMIVOLATILES (ACIDS/BASE NEUTRALS)
MATRIX : SOLID

PARAMETER	WET WT LOCATION #10	DRY WT LOCATION #10	WET WT LOCATION #9	DRY WT LOCATION #9	WET WT LOCATION #14	DRY WT LOCATION #14	METHOD BLANK
HEXACHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
HEXACHLOROBUTADIENE	<620	<700	<620	<700	<1,200	<1,900	<330
HEXACHLOROCYCLOPENTADIENE	<620	<700	<620	<700	<1,200	<1,900	<330
HEXACHLOROETHANE	<620	<700	<620	<700	<1,200	<1,900	<330
INDENO-(1,2,3,-c,d)PYRENE	1,700	1,900	<620	<700	<1,200	<1,900	<330
ISOPHORONE	<620	<700	<620	<700	<1,200	<1,900	<330
2-METHYL-4,6-DINITROPHENOL	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
2-METHYLNAPTHALENE	<620	<700	630	800	<1,200	<1,900	<330
2-METHYLPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
4-METHYLPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
NAPHTHALENE	<620	<700	<620	<700	<1,200	<1,900	<330
2-NITROANILINE	<620	<700	<620	<700	<1,200	<1,900	<330
3-NITROANILINE	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
4-NITROANILINE	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
NITROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
2-NITROPHENOL	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
4-NITROPHENOL	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
n-NITROSODIMETHYLAMINE	<620	<700	<620	<700	<1,200	<1,900	<330
n-NITROSODI-n-PROPYLAMINE	<620	<700	<620	<700	<1,200	<1,900	<330
n-NITROSODIPHENYLAMINE	<620	<700	<620	<700	<1,200	<1,900	<330
PENTCHLOROPHENOL	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
PHENANTHRENE	3,000	3,400	690	800	15,000	23,000	<330
PHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
PYRENE	4,600	5,000	930	1,000	16,000	25,000	<330
1,2,4-TRICHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
2,4,5-TRICHLOROPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
2,4,6-TRICHLOROPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
% SURROGATE RECOVERIES:							
ACID EXTRACTABLE							
2-FLUORPHENOL (25-121)	100	--	94	--	38	--	82
PHENOL-d5 (10-94)	96	--	96	--	31	--	76
2,4,6 TRIBROMOPHENOL(19-122)	99	--	94	--	32	--	78
NITROBENZENE-d5 (23-120)	88	--	88	--	28	--	77
2-FLUOROBIPHENYL (30-115)	100	--	100	--	47	--	82
TERPHENYL-d14 (18-137)	112	--	118	--	51	--	84

Analysis performed by EPA Method 8270 Solid Waste on 12/08/94 and extracted on 12/06/94.
Results expressed in ug/kg.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOWER LABORATORIES

CHAIN OF CUSTODY RECORD

Client Name: AFI Environmental

Mailing Address: 6103 Robinson Rd
Lockport, NY 14094

LABORATORY NO: 94111 5635

Project Name: WMNY, Gansen St, Buffalo, NY

SAMPLE IDENTIFICATION	DATE	TIME	LOCATION	SAMPLE TYPE	ANALYSIS: BNA, Pest/PCB, TCL, TCL Inorganics	NUMBER OF CONTAINERS	REMARK
S-1	10/31/94	15:15	SS-10	Soil	✓ ✓ ✓ ✓	4 2-8oz	Hand Auger
S-2	10/31/94	15:50	SS-11	Soil	✓ ✓ ✓ ✓	4 2-8oz	Hand Auger
S-3	10/31/94	16:00	SS-14	Sludge	✓ ✓ ✓ ✓	4 2-8oz	Catch Basin

SAMPLED BY: Scott M. Cody
SIGN

RELINQUISHED BY: 1 Scott M. Cody SIGN 11/1/94 DATE 13:56 TIME

2 SIGN DATE TIME

3 SIGN DATE TIME

4 SIGN DATE TIME

RECEIVED BY: 1 SIGN DATE TIME

2 SIGN DATE TIME

3 SIGN DATE TIME

4 SIGN DATE TIME

METHOD OF SHIPMENT: Client drop-off

Scott M. Cody
SIGN

RECEIVED FOR LABORATORY BY:
SIGN
DATE 11/1/94
TIME 1564

LAB ZIER LABORATORIES

CHAIN OF CUSTODY RECORD

ATTN: BILL HEITZENRATER

Client Name: AFI ENVIRONMENTAL

Mailing Address:

Results by FRIDAY 12/9

LABORATORY NO: 6329

Project Name: GRAYSON ST, BUFFALO N.Y. Resamples

SAMPLE IDENTIFICATION	DATE	TIME	LOCATION	SAMPLE TYPE	ANALYSIS: Semi VOA TCL	ANALYSIS: PCB/PEST.	NUMBER OF CONTAINERS	REMARK
Soil-Surface-6" #1	12-6-94	1220	Location #10	Comp. Grab	X	X	1	
Soil Surface-6" #2	"	1257	Location #7	Comp	"	"	1	
Sludge #3	"	1247	Location #14	Comp	"	"	1	

SAMPLED BY: B. Cahill (SIGN)

	1	2	3	4
RELINQUISHED BY:	SIGN: B Cahill DATE: 12-6-94 TIME: 1445	SIGN: DATE: TIME:	SIGN: DATE: TIME:	SIGN: DATE: TIME:
RECEIVED BY:	SIGN: DATE: TIME:	SIGN: DATE: TIME:	SIGN: DATE: TIME:	SIGN: DATE: TIME:

METHOD OF SHIPMENT: Hand

SIGN: B Cahill

RECEIVED FOR LABORATORY BY:

SIGN:

DATE: 12/6/94 TIME: 2:45

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94126329

CASE NARRATIVE
FOR LOZIER LABORATORY REPORT 94116329

PROBLEM TYPE:

H - HOLDING TIME
T - TUNE
S - SURROGATES
B - BLANKS
C - CALIBRATION
D - DUPLICATES
D - DILUTION
I - INTERNAL STANDARDS
M - MS/MSD/MSB
X - _____
Y - _____
Z - _____

PROBLEM	SAMPLE	ANALYST'S COMMENTS
D	1,2,3	The sample extracts were dark brown and viscous. The presence of petroleum hydrocarbons in the analysis precludes lower reporting levels.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

High Acres Landfill & Recycling Center
425 Pennton Parkway
Fairport, New York 14450
716/223-6132

A Waste Management Comp.

Date: 6/23/95

John Swanson
NYSDEC
6274 East Avon-Lima Rd.
Avon, NY 14414

Dear John,

In accordance with the last paragraph in section IV item 44 of the High Acres Western Expansion Landfill operating permit, please find the attached disposal approval for:

Generator: WM - Buffalo

Waste Stream: cont. soil

Hauler: WM - Buffalo

One Time Disposal:____ Initial Profile: ✓ Recertification:____

Please feel free to contact me should you have any questions.

Sincerely,

Joanne Raguso

Joanne Raguso
Division Compliance Coordinator

Attachment

cc: file

High Acres Landfill
425 Perinton Parkway
Fairport, NY 14450
(716)223-6132

Manifest NO 1270
Western Expansion Site Permit No. NYS DEC 8-2644-00048/00021-0
High Acres Site Permit No. NYSDEC 8-2644-00048/00003

NON-HAZARDOUS SPECIAL WASTE MANIFEST

Generator Section

Generator of Waste (must be filled in by producer) NMG NY - Buffalo
EPA. ID. NO.

Company Address: (Print or Type) 70 N. Gates Lackawanna NY
(No.) (Street) (City) (State) (Zip)

Pick-up Address: 191 Gaines St Buffalo NY
(No.) (Street) (City) (State) (Zip)

Telephone Number: (716) 827-2698

Waste Stream Identification: Contaminated Soil

This manifest represents a non-hazardous waste as per E.P.A. and N.Y.S. D.E.C. regulations

Est Tons: 22 Other (Specify):

Special Handling instructions, if any: None
TARP LOAD

This is to certify that the above named materials are properly classified, described, packages, marked and labeled and are in proper condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge.

Date: 6/29/95 Signature:
(Name and Title)

Transportation Section

Hauler of Waste (must be filled in by hauler) ZOLADZ CONST
ADDRESS: 13999 BROADWAY, ALDEN N.Y. 14004
Pick-up Date: 6-30-95 Truck No. 27 Vehicle Lic. No. PRT554 NY

The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify that the foregoing is true and correct to the best of my knowledge. 34666 G MI

Signature of authorized agent and title (DRIVER) Date: 6-30-95

Disposal Facility

Disposer of Waste (must be filled in by the disposer)
Company Name: High Acres Landfill
Site Location: 425 Perinton Parkway Fairport, NY 14450

Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on:

Disposal Date: 6/30/95 Total Tons: Other (Specify):
Signature of authorized agent and title: Scale Operator

White & Canary - Landfill Pink - Hauler Golden Rod - Generator

Lake View Landfill
851 Robison Road
Erie, PA 16509
(814) 825-8588
(800) 394-3455
Office Fax: (814) 825-4338
Lab Fax: (814) 825-4588

Landfill Use Only:
41 42 43 44 47 48 55 ____

PADER Site Permit No. 100329

Manifest 5149

Disposal to be billed to: _____
(Must be filled in by generator)

NON-HAZARDOUS RESIDUAL WASTE MANIFEST

GENERATOR INFORMATION

1. Generator of Waste (must be filled in by Generator): WME/NY/INC

Company Address: 70 (number) NORTH (street) GATES (city) BUFFALO (state) NY (zip code) 14225

Pick-up Address: 191 (number) CANISIUS (street) ST (city) BUFFALO (state) NY (zip code) 14213

Generator Telephone Number: 716 - 827-6640

Name of Waste: SOIL

This manifest represents a non-hazardous waste as per E.P.A. and Pennsylvania D.E.R. regulations.

Estimated Tons: _____ Special handling instructions, if any: _____

This is to certify that the above named material is properly classified, described, packaged, marked, and labeled is in proper condition for transportation according to applicable state and federal law. The waste was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

Signature: [signature] - DISPATCH (Name and Title) Date: _____

TRANSPORTER INFORMATION

2. Hauler of Waste (must be filled in by Hauler): WME/NY/INC

Hauler Address: 70 (number) NORTH (street) GATES (city) BUFFALO (state) NY (zip code) 14218

Pick-up Date: 7.3.95 Truck Number: 478 Vehicle License Number: _____

The above described waste was picked up and hauled by me to the disposal facility named below. I certify that the foregoing is true and correct to the best of my knowledge.

Driver Signature: Mike Donovan (Name and Title) Date: 7.3.95

DISPOSAL SITE INFORMATION

3. Company Name: ~~Lake View Landfill~~ HIGH ACRES

Disposal Site Location: ~~851 Robison Road, East, Erie, PA 16509~~

Waste subject to this manifest was delivered by the above hauler to this disposal facility and was accepted, except as noted in the discrepancy indication space below.

Disposal Date: 7/3/95 Total Tons: _____

Discrepancy Indication Space: _____

Signature of authorized agent: [signature] - Scale Op (Name and Title)

White - Landfill Canary - Generator Final Green - 3rd Party Pink - Hauler Goldenrod - Generator Original

Lake View Landfill
851 Robison Road
Erie, PA 16509
(814) 825-8588
(800) 394-3455
Office Fax: (814) 825-4338
Lab Fax: (814) 825-4588

Landfill Use Only:
41 42 43 44 47 48 55 ____

PADER Site Permit No. 100329

Manifest 61490

Disposal to be billed to: _____
(Must be filled in by generator)

NON-HAZARDOUS RESIDUAL WASTE MANIFEST

GENERATOR INFORMATION

1. Generator of Waste (must be filled in by Generator): WMI/NY INC

Company Address: 791 70 NORTH CATES BUFFALO NY 14215
(number) (street) (city) (state) (zip code)

Pick-up Address: 191 CANSON ST BUFFALO NY 14207
(number) (street) (city) (state) (zip code)

Generator Telephone Number: 716- 828-2670

Name of Waste: SOIL

This manifest represents a non-hazardous waste as per E.P.A. and Pennsylvania D.E.R. regulations.

Estimated Tons: _____ Special handling instructions, if any: _____

This is to certify that the above named material is properly classified, described, packaged, marked, and labeled is in proper condition for transportation according to applicable state and federal law. The waste was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

Signature: Joe Rzych DISPATCH Date: _____
(Name and Title)

TRANSPORTER INFORMATION

2. Hauler of Waste (must be filled in by Hauler): WMI/NY INC

Hauler Address: 70 N CATES BUFFALO NY 14206
(number) (street) (city) (state) (zip code)

Pick-up Date: 7.3.95 Truck Number: 478 Vehicle License Number: _____

The above described waste was picked up and hauled by me to the disposal facility named below. I certify that the foregoing is true and correct to the best of my knowledge.

Driver Signature: Mike Donovan Date: 7.3.95
(Name and Title)

DISPOSAL SITE INFORMATION

3. Company Name: ~~Lake View Landfill~~ High Acres

Disposal Site Location: ~~851 Robison Road, East, Erie, PA 16509~~

Waste subject to this manifest was delivered by the above hauler to this disposal facility and was accepted, except as noted in the discrepancy indication space below.

Disposal Date: 7/3/95 Total Tons: _____

Discrepancy Indication Space: _____

Signature of authorized agent: _____ Scale Op
(Name and Title)

White - Landfill Canary - Generator Final Green - 3rd Party Pink - Hauler Goldenrod - Generator Original

Lake View Landfill
851 Robison Road
Erie, PA 16509
(814) 825-8588
(800) 394-3455
Office Fax: (814) 825-4338
Lab Fax: (814) 825-4588

#479

Landfill Use Only:
41 42 43 44 47 48 55 ____

PADER Site Permit No. 100329

Manifest 01491

Disposal to be billed to: _____
(Must be filled in by generator)

NON-HAZARDOUS RESIDUAL WASTE MANIFEST

GENERATOR INFORMATION

1. Generator of Waste (must be filled in by Generator): WMI/NY INC

Company Address: 70 (number) NORTH GATES (street) BUFFALO (city) NY (state) 14213 (zip code)

Pick-up Address: 191 (number) CANAL (street) ST (city) BUFFALO (state) NY 14213 (zip code)

Generator Telephone Number: 716-827-2640

Name of Waste: CONTAMINATED SOIL

This manifest represents a non-hazardous waste as per E.P.A. and Pennsylvania D.E.R. regulations.

Estimated Tons: _____ Special handling instructions, if any: _____

This is to certify that the above named material is properly classified, described, packaged, marked, and labeled is in proper condition for transportation according to applicable state and federal law. The waste was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

Signature: Joseph [illegible] (Name and Title) Date: 7-5-95

TRANSPORTER INFORMATION

2. Hauler of Waste (must be filled in by Hauler): WMI/NY INC

Hauler Address: 70 (number) NORTH GATES (street) BUFFALO (city) NY (state) 14213 (zip code)

Pick-up Date: 7-5-95 Truck Number: 477 Vehicle License Number: PA 7638

The above described waste was picked up and hauled by me to the disposal facility named below. I certify that the foregoing is true and correct to the best of my knowledge.

Driver Signature: Mike Krombe (Name and Title) Date: 7-5-95

DISPOSAL SITE INFORMATION

3. Company Name: ~~Lake View Landfill~~ HIGH ACRES

Disposal Site Location: ~~851 Robison Road, East, Erie, PA 16509~~

Waste subject to this manifest was delivered by the above hauler to this disposal facility and was accepted, except as noted in the discrepancy indication space below.

Disposal Date: 7/6/95 Total Tons: _____

Discrepancy Indication Space: _____

Signature of authorized agent: [illegible] (Name and Title)

White - Landfill Canary - Generator Final Green - 3rd Party Pink - Hauler Goldenrod - Generator Original

Lake View Landfill
951 Robison Road
Erie, PA 16509
(814) 825-8588
(800) 394-3455
Office Fax: (814) 825-4338
Lab Fax: (814) 825-4588

478

Landfill Use Only:
41 42 43 44 47 48 55 ____

PADER Site Permit No. 100329

Manifest 61492

Disposal to be billed to: _____
(Must be filled in by generator)

NON-HAZARDOUS RESIDUAL WASTE MANIFEST

GENERATOR INFORMATION

1. Generator of Waste (must be filled in by Generator): WMI/NY/INC

Company Address: 70 (number) NORTH (street) GATES (city) BUFFALO (state) NY (zip code) 14213

Pick-up Address: 191 (number) WASSON (street) ST (city) BUFFALO (state) NY (zip code) 14203

Generator Telephone Number: (716) 827-2640

Name of Waste: CONTAMINATED SOIL

This manifest represents a non-hazardous waste as per E.P.A. and Pennsylvania D.E.R. regulations.

Estimated Tons: _____ Special handling instructions, if any: _____

This is to certify that the above named material is properly classified, described, packaged, marked, and labeled is in proper condition for transportation according to applicable state and federal law. The waste was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

Signature: Joseph Lyon (Name and Title) Date: _____

TRANSPORTER INFORMATION

2. Hauler of Waste (must be filled in by Hauler): WMI/NY/INC

Hauler Address: 70 (number) NORTH (street) GATES (city) BUFFALO (state) NY (zip code) 14218

Pick-up Date: 7.5.95 Truck Number: 478 Vehicle License Number: _____

The above described waste was picked up and hauled by me to the disposal facility named below. I certify that the foregoing is true and correct to the best of my knowledge.

Driver Signature: Mike Donovan (Name and Title) Date: 7.5.95

DISPOSAL SITE INFORMATION

3. Company Name: ~~Lake View Landfill~~ HILLTOP ACRES

Disposal Site Location: ~~951 Robison Road, East, Erie, PA 16509~~

Waste subject to this manifest was delivered by the above hauler to this disposal facility and was accepted, except as noted in the discrepancy indication space below.

Disposal Date: 7/5/95 Total Tons: _____

Discrepancy Indication Space: _____

Signature of authorized agent: _____ (Name and Title)

White - Landfill Canary - Generator Final Green - 3rd Party Pink - Hauler Goldenrod - Generator Original

Lake View Landfill
851 Robison Road
Erie, PA 16509
(814) 825-8588
(800) 394-3455
Office Fax: (814) 825-4338
Lab Fax: (814) 825-4588

#478

Landfill Use Only:
41 42 43 44 47 48 55 ____

PADER Site Permit No. 100329

Manifest 61493

Disposal to be billed to: _____
(Must be filled in by generator)

NON-HAZARDOUS RESIDUAL WASTE MANIFEST

GENERATOR INFORMATION

1. Generator of Waste (must be filled in by Generator): WMI/NY INC

Company Address: 70 (number) SOUTH (street) GATES (city) BUFFALO (state) NY (zip code) 14213

Pick-up Address: 191 (number) CANNON (street) ST (city) BUFFALO (state) NY (zip code) 14603

Generator Telephone Number: 716 - 822-2640

Name of Waste: CONTAMINATED SOIL

This manifest represents a non-hazardous waste as per E.P.A. and Pennsylvania D.E.R. regulations.

Estimated Tons: _____ Special handling instructions, if any: _____

This is to certify that the above named material is properly classified, described, packaged, marked, and labeled is in proper condition for transportation according to applicable state and federal law. The waste was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

Signature: Joseph Agnello (Name and Title) Date: _____

TRANSPORTER INFORMATION

2. Hauler of Waste (must be filled in by Hauler): WMI/NY INC

Hauler Address: 70 (number) SOUTH GATES (street) BUFFALO (city) NY (state) 14213 (zip code)

Pick-up Date: 7-5-95 Truck Number: 478 Vehicle License Number: _____

The above described waste was picked up and hauled by me to the disposal facility named below. I certify that the foregoing is true and correct to the best of my knowledge.

Driver Signature: Mike Donovan (Name and Title) Date: 7-5-95

DISPOSAL SITE INFORMATION

3. Company Name: ~~Lake View Landfill~~ Hyo-Tech Acres

Disposal Site Location: ~~851 Robison Road, East, Erie, PA 16509~~

Waste subject to this manifest was delivered by the above hauler to this disposal facility and was accepted, except as noted in the discrepancy indication space below.

Disposal Date: 7/5/95 Total Tons: _____

Discrepancy Indication Space: _____

Signature of authorized agent: _____ (Name and Title)

White - Landfill Canary - Generator Final Green - 3rd Party Pink - Hauler Goldenrod - Generator Original

Lake View Landfill
851 Robison Road
Erie, PA 16509
(814) 825-8588
(800) 394-3455
Office Fax: (814) 825-4338
Lab Fax: (814) 825-4588

#477

Landfill Use Only:
41 42 43 44 47 48 55 ____

PADER Site Permit No. 100329

Manifest 61494

Disposal to be billed to: _____
(Must be filled in by generator)

NON-HAZARDOUS RESIDUAL WASTE MANIFEST

GENERATOR INFORMATION

1. Generator of Waste (must be filled in by Generator): WMI/NY IDL

Company Address: 70 (number) NORTH (street) GATES (city) BUFFALO (state) NY (zip code) 14213

Pick-up Address: 191 (number) CANSON (street) ST (city) BUFFALO (state) NY (zip code) 14203

Generator Telephone Number: (716) 827-2640

Name of Waste: CONTAMINATED SOIL

This manifest represents a non-hazardous waste as per E.P.A. and Pennsylvania D.E.R. regulations.

Estimated Tons: _____ Special handling instructions, if any: _____

This is to certify that the above named material is properly classified, described, packaged, marked, and labeled is in proper condition for transportation according to applicable state and federal law. The waste was consigned to the transporter named below. I certify that the foregoing is true and correct to the best of my knowledge.

Signature: Jospeh Lyle (Name and Title) Date: 7-5-95

TRANSPORTER INFORMATION

2. Hauler of Waste (must be filled in by Hauler): WMI/NY IDL

Hauler Address: 70 (number) NORTH (street) GATES (city) BUFFALO (state) NY (zip code) 14218

Pick-up Date: 7-5-95 Truck Number: 477 Vehicle License Number: PA-7638

The above described waste was picked up and hauled by me to the disposal facility named below. I certify that the foregoing is true and correct to the best of my knowledge.

Driver Signature: Mike T Kronke (Name and Title) Date: 7-5-95

DISPOSAL SITE INFORMATION

3. Company Name: ~~Lake View Landfill~~ HIGH ACRES

Disposal Site Location: ~~851 Robison Road, East, Erie, PA 16509~~

Waste subject to this manifest was delivered by the above hauler to this disposal facility and was accepted, except as noted in the discrepancy indication space below.

Disposal Date: 7/6/95 Total Tons: _____

Discrepancy Indication Space: _____

Signature of authorized agent: _____ (Name and Title)

White - Landfill Canary - Generator Final Green - 3rd Party Pink - Hauler Goldenrod - Generator Original

APPENDIX C

PHOTOGRAPH DESCRIPTION

1) Plugged Storm Water Drain South of Shop

2) Plugged Storm Water Drain East of Shop

3) Plugged Storm Water Drain South East of Shop

4) Petroleum Stains Along East Fence

5) Excavation Near UST Tank Area

6) Petroleum Stains Along Building

7) Spot Clean Up Along East Property Line

8) Excavation Near Roll-Off Staging Area

9) Spot Clean Up South Parking Lot

10) Drum Removal North West Corner

11) Drill Cuttings Drum

12) Drum Removal North East Corner

13) Cleaned Storm Drain East of Shop

14) Cleaned Storm Drain South of Shop

15) Cleaned Storm Drain South East of Shop

16) New Pavement East of Shop

17) New Pavement South of Shop

18) Spot Clean Up East of Shop

19) Filling Roll-Off Staging Area Excavation

20) Regraded UST Location

21) Regraded Tank Roll-Off



1



2



3



4



5



6



7



8



9



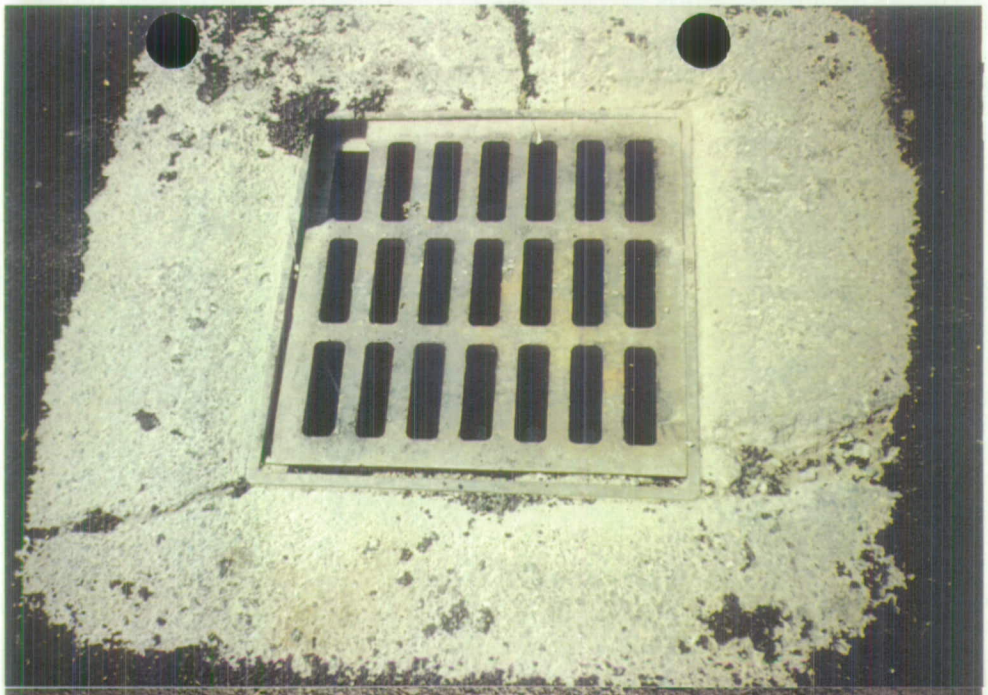
10



1



12



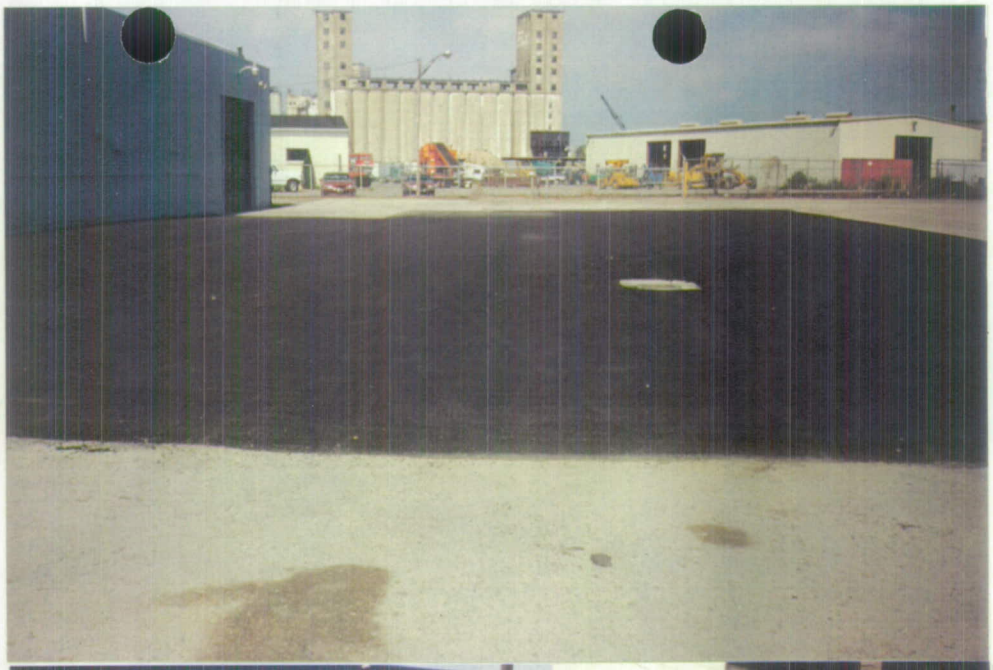
13



14



15



16



17



18



19



20



21

High Acres Landfill & Recycling Center
425 Perinton Parkway
Fairport, New York 14450
716/223-6132

A Waste Management Company

May 12, 1995

9501488

RECEIVED
MAY 16 1995
NYSDEC-REG. 9
FOIL
REL UNREL

Rob Crossen
NYSDEC - Spills Management
270 Michigan Avenue
Buffalo, New York, 14203-2999

RML
SJC
RMC

Re: Remedial Investigations WMNY - Ganson Street Property

SYNOPSIS ?

Dear Mr. Crossen:

Enclosed with this letter are copies of the Phase II and Phase III (Remedial Soil Investigation) reports that have been generated as part of an environmental assessment being perform at the Waste Management of New York, Inc. hauling division property on Ganson Street in Buffalo, N.Y.. Also included with the two reports is a copy of the work plan for the Phase III investigation. As I mentioned during our recent telephone conversation, the environmental assessment was performed as part of a purchase and sale agreement, where WMNY was selling the Ganson Street property to another party.

As the result of the various phases of the environmental assessment, it has been noted that there are localized areas of impacted soil as the result of fueling spills and leakage from parked vehicles. The impacted areas are nothave ed in the attached Phase III report. When you review the Phase II report you will note that five shallow overburden monitoring wells been installed and that groundwater samples have been obtained and analyzed with no impacts observed. In addition several soil and sediment samples were obtained and the results of these samples prompted the Phase III investigation.

The Phase III investigation contains recommendations for soil removal and additional testing to document that the impacted soils have been removed. We would like to be able to initiate the soil removal and additional testing as soon as possible, since the hauling division will be required to vacate the property to the new owner by mid June 1995.

Your timely review of these reports is very much appreciated. Please feel free to contact me, should you have any questions or comments regarding this matter. Thank-you.

Sincerely,

John A. Minichiello
Environmental Engineering Manager

AFI ENVIRONMENTAL
A Division of Buffalo Environmental Consultants, Inc.
7815 Buffalo Avenue • Niagara Falls, New York 14304
Office: (716) 283-7645 Fax: (716) 283-2858

REMEDIAL ACTION PLAN
SOIL INVESTIGATION REPORT

DOWNING CONTAINER
191 GANSON STREET, BUFFALO, NEW YORK

PROJECT #H1025

PREPARED FOR:

WASTE MANAGEMENT OF NEW YORK
425 PERINGTON PARKWAY
FAIRPORT, NEW YORK
14450

PREPARED BY

AFI ENVIRONMENTAL
7815 BUFFALO AVENUE
NIAGARA FALLS, NEW YORK
14304

May 8, 1995

Printed on recycled paper
to help protect the environment.

AFI
ENVIRONMENTAL
A Division of Buffalo Environmental Consultants, Inc.
7815 Buffalo Avenue • Niagara Falls, New York 14304
Office: (716) 283-7645 Fax: (716) 283-2858

May 8, 1995

Mr. John A. Minichiello
425 Perinton Parkway
Fairport, NY 14450

RE: Remedial Soil Investigation Report
Downing Container Services - 191 Ganson St., Buffalo NY
AFI Project # h1025.1

Dear Mr. Minichiello:

Please find enclosed three copies of the Ganson Street Remedial Action Soil Investigation Report for the Downing Container Services 191 Ganson Street, Buffalo, New York location. One Copy is within scope of the original budget, and two copies provided for the New York State DEC are out-of-scope of the original budget.

If you need a change order for the two extra reports please let us know. Should you have any questions, please don't hesitate to call me at (716) 283-7645.

Sincerely,

AFI ENVIRONMENTAL

William L. Heitzenrater
President

Enclosure

h1025/letters/Minichiello

Printed on recycled paper
to help protect the environment.

TABLE OF CONTENTS

1.0	INTRODUCTION	1
1.1	BACKGROUND	1
1.2	PURPOSE AND OBJECTIVES	1
1.3	SCOPE OF WORK	2
2.0	SITE DESCRIPTION	2
3.0	PREVIOUS STUDIES	3
3.1	PHASE I ENVIRONMENTAL ASSESSMENT	3
3.2	PHASE I CONCLUSIONS	4
3.3	MODIFIED PHASE II INVESTIGATION	4
3.3.1	SOIL BORINGS	5
3.3.2	SEDIMENT SAMPLES	5
3.3.3	SAMPLE COLLECTION/SCREENING AND ANALYSIS	5
3.3.4	SOIL	5
3.3.5	SOIL RESULTS	6
3.3.6	GROUNDWATER	6
3.4	PHASE II CONCLUSIONS/RECOMMENDATIONS	6
4.0	REMEDIAL PROGRAM	7
4.1	OVERVIEW	7
4.1.1	HOMOGENIZED COMPOSITE SAMPLES	8
4.1.2	STATISTICAL SAMPLING GRID	8
4.2	ANALYTICAL TESTING	8
5.0	RESULTS	8
6.0	CONCLUSIONS	9
AFI	RECOMMENDATIONS	9

LIST OF FIGURES

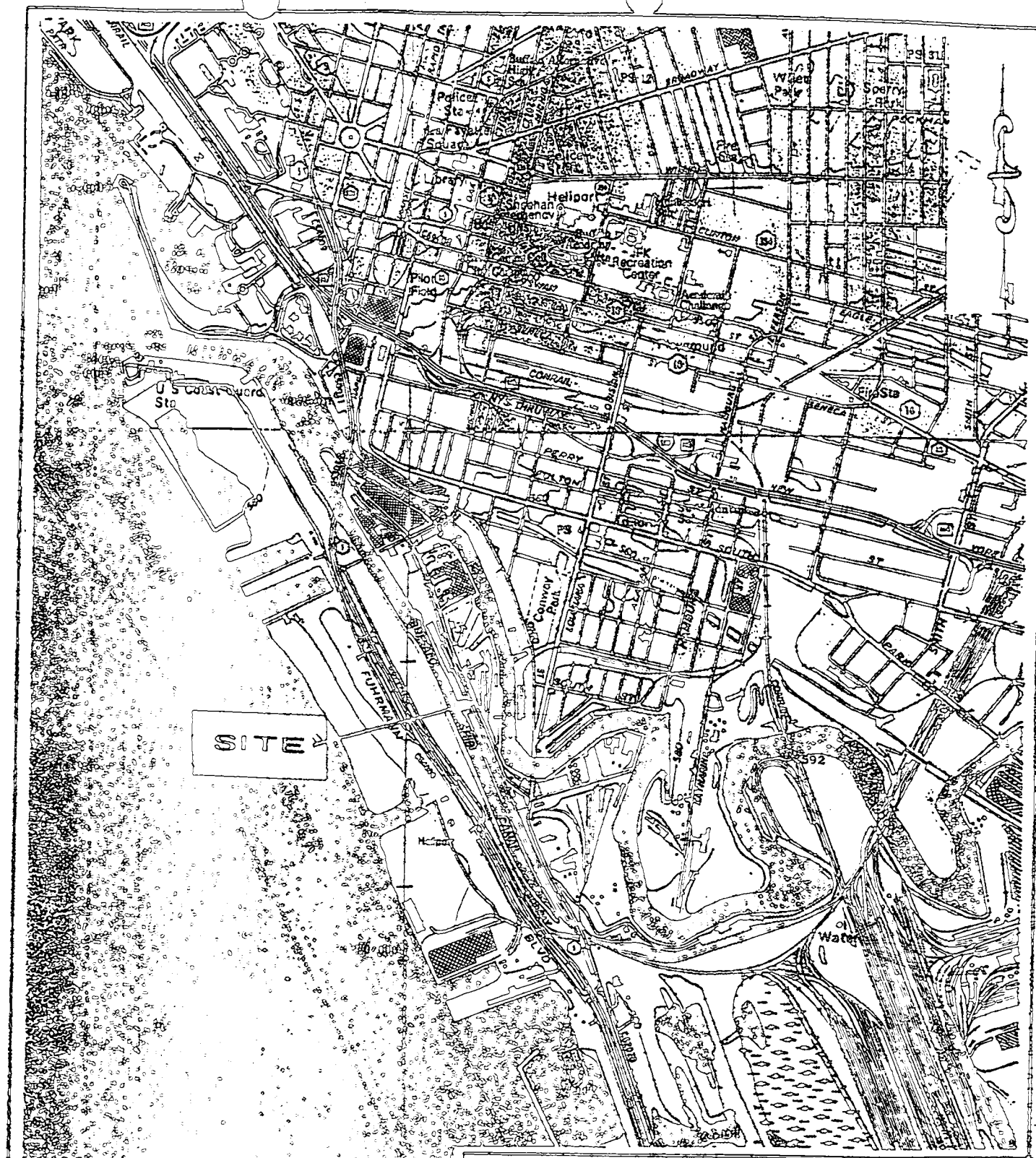
FIGURE 1: SITE LOCATION MAP

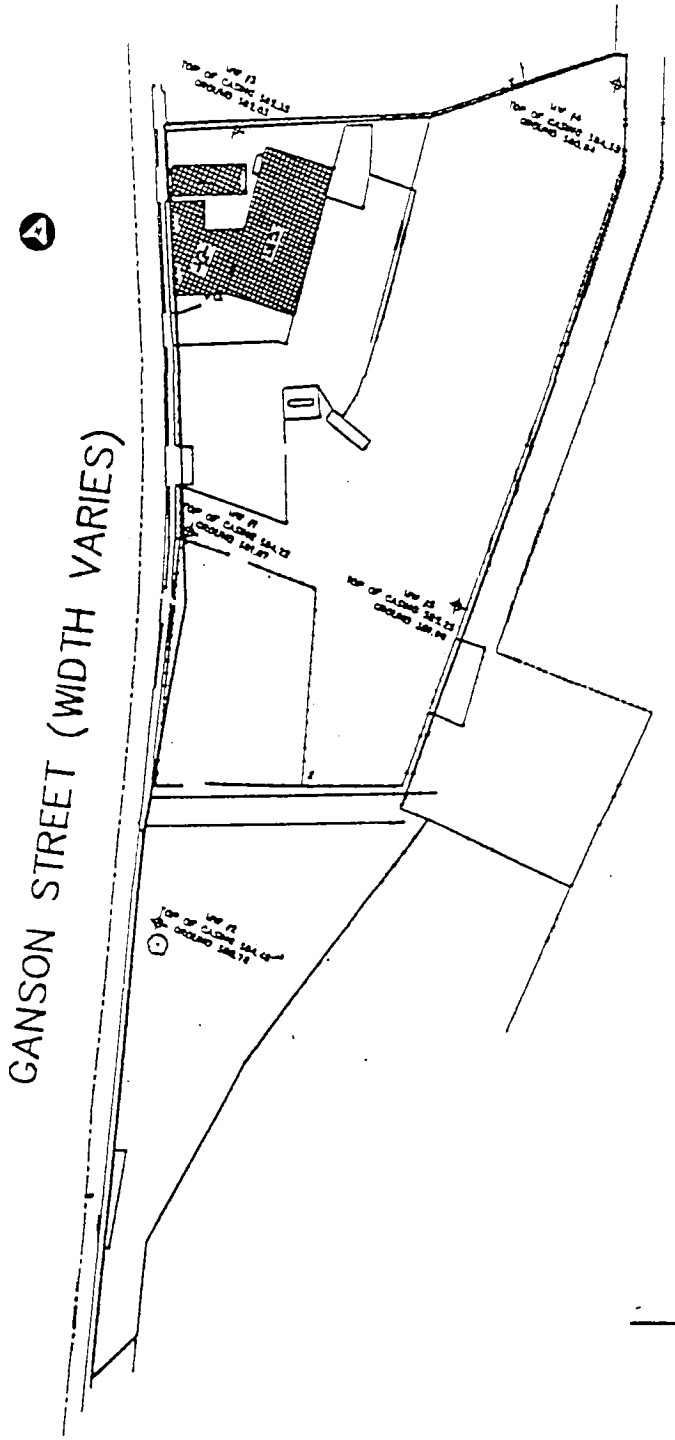
FIGURE 2: SITE PLAN

FIGURE 3: SAMPLE LOCATIONS - PHASE II INVESTIGATION AFI ENVIRONMENTAL

FIGURE 4: STUDY AREAS - REMEDIAL INVESTIGATION

APPENDIX A


SITE
Heliport
Police Sta
Fire Sta
Library
Recreation Center
Pool
Ball Field
Aerial Crossing
CONRAIL
NY's THRUWAY
PERRY
FULTON
SENECA
SOUTH
ERIE
FUHRMANN
BLVD
Canal
Water
Coast Guard Sta
Conway Park
Harmony
Eagle
Clinton
Carroll
Ganson
Michigan
Commodore
Perry
Main
Park
Ohio
Pearl
Division
Swan
Elm
Oak
Seneca
Ellicott
Washington
Delaware
Franklin
Niagara
Church
Court
Genesee
Mohawk
Utica
Huron
Erie
Tupper
Edward
Virginia
Chippewa
Hamburg
Exchange
Lafayette
Broadway
Williams
Goodell
Carlton
Summer
Bryant
Hodge
Bird
Amherst
Rhode Island
Northampton
Potomac
Normal
Best
Bailey
Kensington
Sycamore
Sherman
Dodge
Hoyt
Jefferson
Bennett
Grider
Doat
Sidney
Lisbon
Longfellow
Hickory
Woodward
Hertel
Starin
Lexington
Rockwell
Lovejoy
Ontario
Hazard
Wilkeson
Lawn
Lancaster
Cleveland
Hillside
Rees
Ashland
Dorrance
Dorchester
Dorothy
Dorsey
Dorset
Dorwin
Dorwood
Dorwyn
Dorwyn
Dorwyn



WENDEL

PART OF LOT		SEC.	TWP.	RGE.
CITY	BUFFALO		DATE	11/14/1994
COUNTY	ERIE, NY		SCALE	1"=100'

SITE PLAN

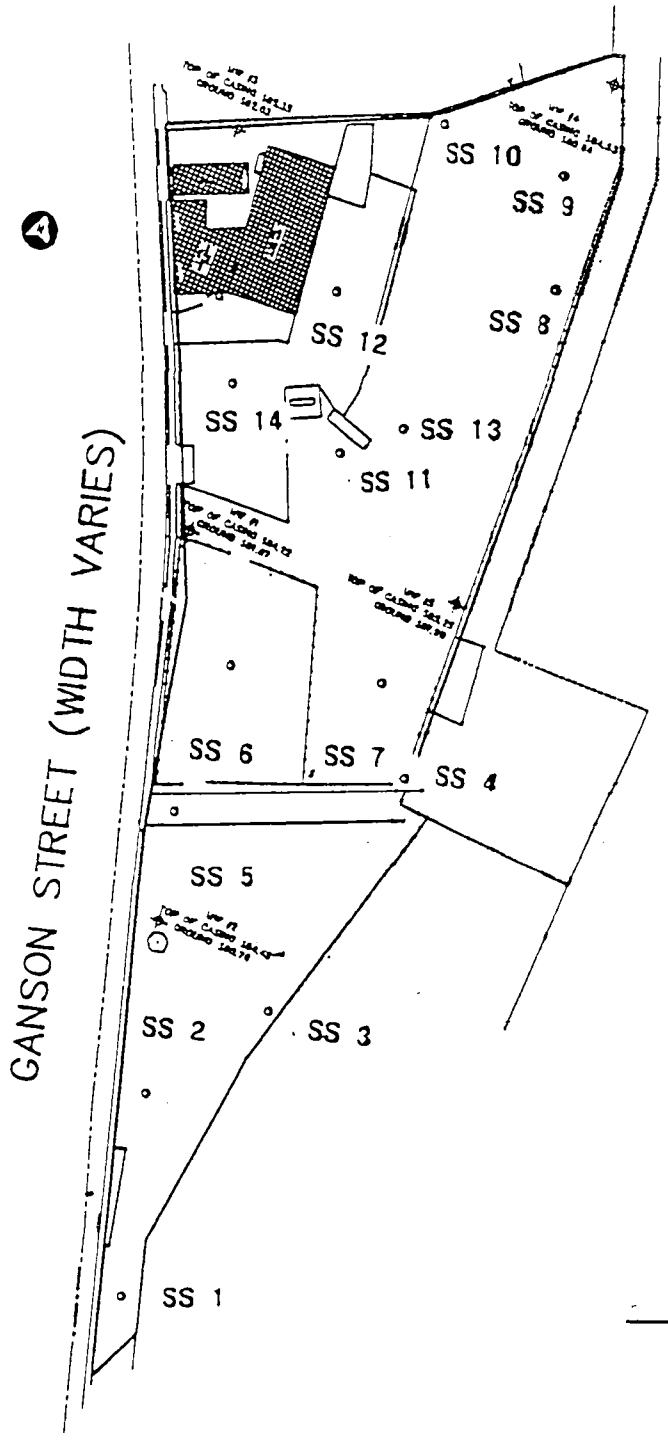
191 GANSON STREET PHASE 2

● PROJECT NO. H 1025

AFI ENVIRONMENTAL

6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO. 2



LEGEND

PROPERTY LINE

- MONITORING WELL

ELEVATIONS SHOWN ARE REFERENCED TO NGVD'29

'SOIL SAMPLE

WENDEL

7456 CASEL ROAD, P.O. BOX 389
LOCKPORT, N.Y. 14095 716-433-9963 716-625-9229

PART OF LOT		SEC.	
CITY	BUFFALO	TWP.	
COUNTY	ERIE, NY	DATE	11/14/1994
		SCALE	1"=100'

SOIL SAMPLE LOCATIONS

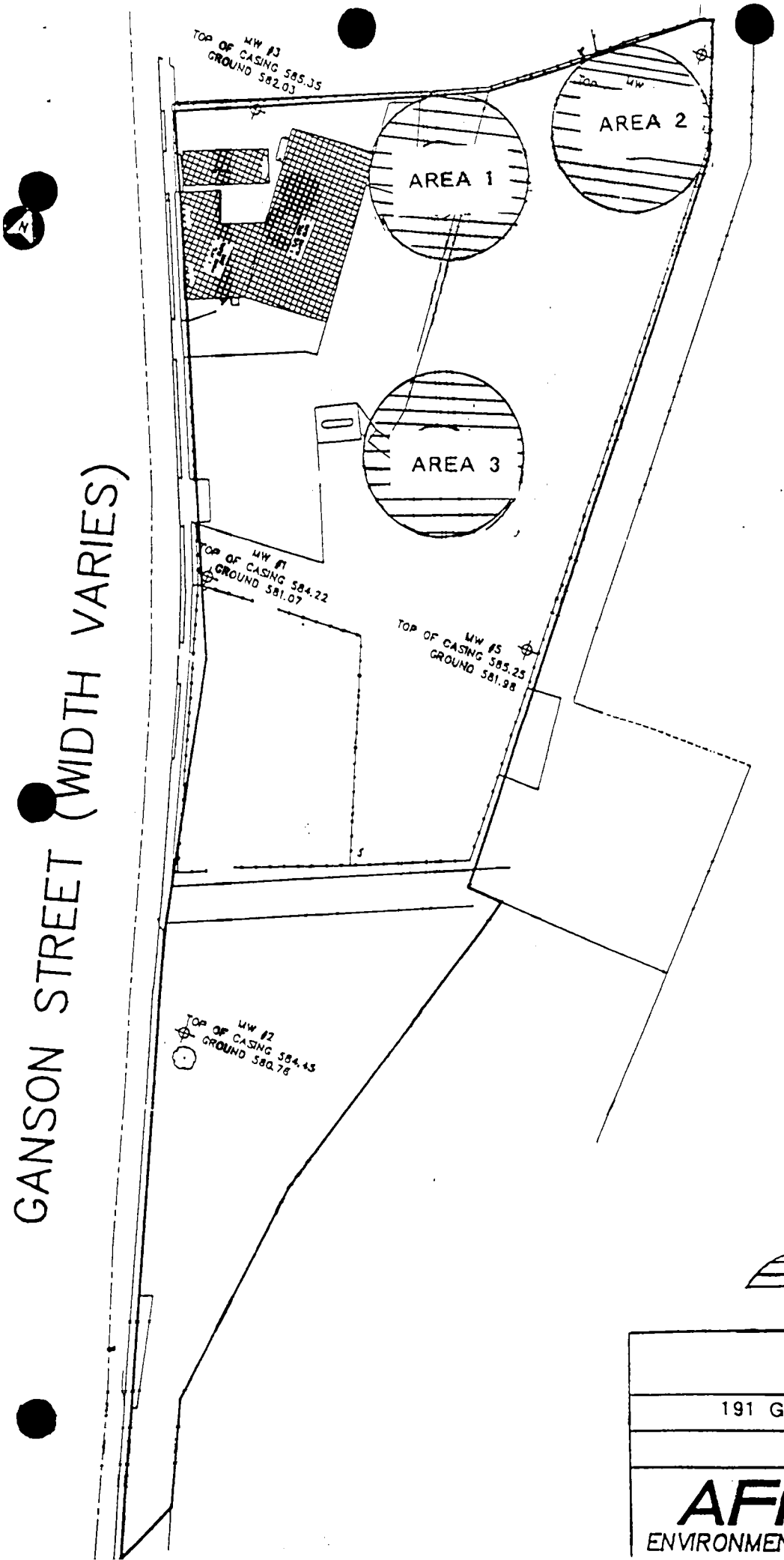
191 GANSON STREET PHASE 2

● PROJECT NO. H 1025

AFI ENVIRONMENTAL

6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO. 3



STUDY AREAS

191 GANSON STREET PHASE 2

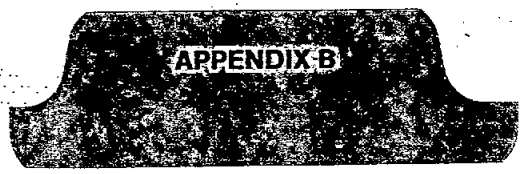
● PROJECT NO. H 1025

AFI ENVIRONMENTAL

6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE N

4


APPENDIX B

1.0 INTRODUCTION

1.1 BACKGROUND

AFI Environmental has prepared this **Remedial Soil Investigation Report (RSIP)** on behalf of Waste Management of New York, Inc. This RSIP is intended to address petroleum impacted soil and sediment encountered at the Downing Container Facility located at 191 Ganson Street, Buffalo, New York (Figure 1). This facility is the storage yard and repair shop for Waste Management of New York's Downing Container Division's garbage pickup, roll-off and rental operation. This RSIP was prepared to address potential areas of environmental concern (AECs) identified in a Phase I Investigation conducted on October 1994 and a modified Phase II Investigation completed on December 1994. The ESA and subsequent Phase II Investigation resulted in the detection of low level organic, inorganic, and PCB constituents in soil and sediment samples collected at the Ganson Street site. The areas of the site in which constituents were indicated include the following (refer to Figure 3).

The chemical analysis of sediment samples collected from within the storm sewer staging areas and gas islands indicated the presence of semi-volatile organic compounds (SVOC), PCBs metals at concentrations which exceed NYSDEC guidance levels. Potential sources which may have individually or collectively resulted in the impact to sediment and soil samples include petroleum based fluids utilized for facility operations; runoff of liquids from the garbage trucks or roll off boxes and fluid leakage from parked trucks and automobiles. Potential pathways of releases from these sources to the storm water control system include; runoff received by the storm sewer from the exterior roll off and truck staging area or fueling islands; and runoff from the parking area captured by the storm sewer.

1.2 PURPOSE AND OBJECTIVES

Waste Management of New York, Inc. retained AFI Environmental to further investigate the areal extent and composition of impact constituents in an attempt, to identify the cost to mitigate existing soil/sediment contamination at their 191 Ganson Street Waste management facility.

This RSIP has been developed for the private use of Waste Management, but in accordance with NYSDEC guidance memorandum.

This report presents the results of previous investigations conducted at the project site; outlines the scope of the Remedial Investigative program, identified the equipment and procedures utilized, and discusses results of the current investigation. This information is presented to identify the extent of soil and sediment contamination and support AFI's recommendation for

remediation/disposal options.

1.3 SCOPE OF WORK

The Remedial Soil Investigation conducted at the Ganson Street facility was consistent with the site specific sampling plan approved by Waste Management. The purpose of the investigation was to characterize the aerial extent of chemical constituents identified in the soils, through establishment of a grid sampling system in each of the three (3) areas identified as: areas of potential concern (AECs); during the previously completed Environmental Phase I and Modified Phase II Investigations. The scope of work consisted of the following remedial objectives:

- o Identification Of Three (3) General Investigative Areas.
- o Establishment Of A Sampling Grid At Each Area.
- o Selection And Implementation Of Soil Sample Collection Techniques.
- o Sample Composite Homogenization Techniques.
- o Development Of A Site Specific And Health And Safety Plan.
- o Data Presentation And Fecommendation For Delineation Of The Area Of Eexcavation And Disposal.

2.0 SITE DESCRIPTION

Figure 1 graphically depicts the property location on Ganson street south of the intersection with Michigan Avenue in the City of Buffalo, Erie County, New York, which is included on the Buffalo SE NY - 7.5 minute quadrangle of the United States Geological Survey (USGS). The site is approximately 4.78 acre in size and contains one office building, one repair/maintenance garage, one detached office trailer, and gravel driveways and parking areas. The site is generally flat with a very slight slope to the east towards the Buffalo River. As shown on Figure 1, the elevation of the property is approximately 580 feet above mean sea level. Site drainage is accomplished by means of uncontrolled overland flow from the stone driveway and parking area to the east, and a series of four catch basins located in the north central portion of the site. These catch basins discharge to the Buffalo Sewer Authority combined stormwater/sanitary sewer system.

The site is currently owned by Downing Container Service, Inc. Figure 2 illustrates the current site plan. The property is bounded by Ganson Street to the west, Integrated Waste Systems, Inc. to the north, Roy Track, Inc. to the east, and General Portland, Inc. to the south and east. All the surrounding

properties are industrial in nature.

Current zoning maps were not available for the site, however, based on the nature of the businesses in the area, it is presumed that the site and surrounding properties are zoned heavy industrial. The site is serviced by municipal water and a combined sanitary/storm sewer system. Other utilities included natural gas from National Fuel and Electric from Niagara Mohawk. The gas is routed to the main building through underground pipes from Ganson Street. Electric is delivered through overhead lines from Ganson Street.

According to the *Soil Survey of Erie County, New York,* the project site is characterized as having urban soils (Ud). This indicates that 80 percent or more of the soil surface is covered by asphalt, concrete, buildings, or other impervious structure. These areas are mostly nearly level to gently sloping.

Groundwater was encountered at the site in each of the monitoring wells. Static water levels measured in the monitoring wells ranged from 2.88 to 8.02 feet below ground surface. Regional groundwater flow direction, inferred from topographic maps, is generally towards the northwest and northeast to the discharge area represented by the Buffalo Ship Canal and the Buffalo River respectively. Local variations in groundwater flow, however, may occur in the site vicinity.

The Federal Emergency Management Association (FEMA) Flood Insurance rate Map (Panel No. 360230 0020) was consulted to determine the flooding potential of this site. It was determined that the site is not located within the one-hundred year of five hundred year flood plains of any waterway, with the exception of the extreme southern tip of the property (<10 percent), which slightly impinges on the five hundred year floodplain of the Buffalo River.

3.0 PREVIOUS STUDIES

3.1 PHASE I ENVIRONMENTAL ASSESSMENT

AFI Environmental performed a Phase I Environmental Assessment (ESA) of the project site in September, 1993. This ESA was conducted in accordance with the procedures outlined in American Society for Testing and Materials (ASTM) Practice E1527-93. As a result, the following items were disclosed:

- There is one RCRIS-TS (Treatment, Storage and Disposal) facility located within 1.0 mile radius of the site. This facility has numerous violations associated with ignitable wastes, heavy metals, and chlorinated solvents.

- The waste hauling operation occupying the subject property was identified as a RCRIS-LG large quantity generator of the following waste types:
  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).
- Additionally, one other RCRIS-LG large quantity generator is located within 0.25 mile radius of the site. This site generates the following waste types:
  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).
  - a solid waste that exhibits the characteristic of corrosivity, but is not listed as a hazardous waste (D002).
- One RCRIS-SG small quantity generator is located within 0.25 mile radius of the site. This site generates the following waste types:
  - spent non-halogenated solvents (F003,F005); and
  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).
- The site itself is a listed petroleum bulk storage facility. Additionally, two (2) petroleum bulk storage tank sites are located within a 0.25 mile radius of the subject property:
- There are three (3) LST (Leaking Storage Tanks) sites located with 0.5 radius of the subject property.

3.2 PHASE I CONCLUSIONS

In accordance with the conclusions drawn in the Phase I ESA Report, the property owner (Waste Management of New York Inc.), in consultation with AFI Environmental, elected to implement a Phase II investigation to examine the subsurface and groundwater of the subject property. The purpose of the investigation was to determine the presence or absence of environmental impacts on the site.

3.3 MODIFIED PHASE II INVESTIGATION

The Phase II subsurface investigation was performed during the period of October 23 to November 2, 1994 with supplemental soil

sampling conducted on December 6, 1994. This investigation was conducted in accordance with the investigation plan developed by AFI Environmental. The final report was issued in December 1994.

3.3.1 MODIFIED PHASE II SOIL BORINGS

Ten (10) soil borings were installed manually using a three (3) inch bucket auger. Soil samples obtained from the bucket auger, from a depth of 0.5' to 1.0', were immediately placed in properly labeled sample containers sealed with tin foil and a screw on cap for screening as described in section 4.3.2. Each soil boring was abandoned following the completion of auguring/sampling activities by backfilling with auger cuttings from the respective borehole.

3.3.2 MODIFIED PHASE II SEDIMENT SAMPLES

Three (3) sediment samples were collected from each of the three onsite catch basins. The samples were collected using a shovel to remove some material from the bottom of the catch basin. Each sediment sample obtained from the catch basins were immediately placed in properly labeled sample containers sealed with tin foil and a screw on cap for screening. Excess material collected from the catch basins was returned to the bottom of the catch basins.

3.3.3 MODIFIED PHASE II SAMPLE COLLECTION/SCREENING AND ANALYSIS TECHNIQUES

The sample collection/screening and analysis program implemented at the project site involved the collection of one (1) groundwater sample from each monitoring well; as well as the field screening of soil and sediment samples to enable the selection of two (2) soil samples from the ten (10) soil borings and one (1) sediment sample for chemical analysis. All sample collection and screening measures were performed in accordance with accepted protocols by an experienced AFI Environmental Geologist. All samples were placed in appropriately labeled sample containers for transport under proper chain of custody record to Lozier Laboratories for chemical analysis.

3.3.4 MODIFIED PHASE II SOIL INVESTIGATION

Soil samples obtained from split-spoons were screened for total organic vapors (TOVs) utilizing an HNU PID after equilibrating at room temperature for one (1) hour. After removing the screw on cap, the foil seal of the sample container was pierced with the probe of the PID, and a measurement was recorded. PID measurements were zero for all split spoon samples collected during monitoring well installation and ranged from 0ppm to 0.7 ppm for the ten (10) soil and three (3) sediment samples.

monitoring well installation and ranged from 0ppm to 0.7 ppm for the ten (10) soil and three (3) sediment samples.

Two (2) samples of the ten (10) soil borings and one (1) sediment sample from the three (3) drainage inlets were selected for chemical analysis based upon the results of field screening. The three (3) soil/sediment samples with the highest measured TOV concentration were placed in a laboratory precleaned and properly labeled sample containers and placed on ice in a cooler for transport under proper chain of custody records to Lozier Laboratories. All soil samples underwent testing in accordance with EPA SW-3846 Method 8240 for VOCs, TCL SEMI-VOCs by method 8270, TCL Pesticides/PCBs by Method 8080, RCRA Metals by Method 6010/7000s, and Cyanide by Method 9012.

3.3.5 MODIFIED PHASE II SOIL RESULTS

Analytical results from the two (2) soil samples and one (1) sediment sample collected from the project site have indicated the presence of a number of volatile organic compounds (VOCs) and semi volatile organic compounds (SEMIVOCs) commonly associated with petroleum constituents, possible from fuel oil. Further, PCB-1260 was detected at all locations sampled and analyzed, with the highest concentration at location #9 (see figure #3).

Based upon the location from which soil samples containing significant concentrations of VOCs and SEMIVOCs were collected; one can assume that impacts to the soil near the former UST location (location #10 and the fueling/container staging area (location #11) has occurred as the results of minor spillage or leaks. This assumption is consistent with the field screening data.

3.3.6 MODIFIED PHASE II GROUNDWATER RESULTS

The chemical analysis of groundwater samples collected from the overburden monitoring wells installed on the site, did not indicate the presence of petroleum constituents in exceedance of NYSDEC guidance values. Based on a comparison with applicable guidance valued established by the NYSDEC STARS Memo #1 and NYSDEC TAGM dated January 24, 1994, it appears that none of the constituents encountered in the soil/sediments have entered the groundwater at any of the areas monitored. Further, it appears that constituents originating from areas off-site are not migrating on-site via the groundwater flow system and that the onsite constituents are not migrating offsite via the groundwater system.

3.4 MODIFIED PHASE II CONCLUSIONS/RECOMMENDATIONS

AFI Environmental collected a total of three (3) soil/sediment and five (5) groundwater samples from the project site for analysis pursuant to NYSDEC Petroleum-Contaminated Soil Guidance Policy. The resulting analytical data was assessed to determine if

petroleum impacted soil was present and to characterize groundwater quality. In general, impacted soil was encountered in varying degrees in the areas sampled. Due to the analytical testing method utilized to SCAN soils no determination was made as to whether contamination encountered exceeded NYSDEC guidance values. It was suggested that some of the particular constituents levels could exceed the NYSDEC STARS limits, but this is unknown because TCLP analysis was not performed. The area of the former UST (sample location #10) demonstrated higher levels for VOCs and SEMIVOCS, than the truck fueling/waste container staging area (sample location #11). However, the sludge/sediment sample (sample location #14) collected from the surface water runoff collection inlet was highest of all, especially for Acetone and Toluene (39,000 and 62,400 ppb respectfully). PCB-1260. A recommendation for TCLP analysis of the suspect area was made.

4.0 REMEDIAL INVESTIGATION

The Remedial Investigation conducted by AFI Environmental involved the collection and analysis of a series of (5) soil subsamples from three (3) distinct areas of concern; the area near the previously excavated UST (Area #1), the northeast roll off staging area (Area #2), and the area near the gas islands and storm sewer inlet (Area #3). These areas were identified during Modified Phase II Investigation as areas of environmental concern (AEC) and they are identified in figure #4. Each area of concern was divided into two (2) study areas and each study area was subjected to five (5) randomly selected subsamples. The subsampling and analysis program was developed to:

- Evaluate chemical constituent concentrations with respect to regulatory levels using TCLP Extraction Protocol; and
- Chemically profile potentially impacted soils and determine rough quantities requiring disposal at appropriately permitted facilities.

4.1 SAMPLING TECHNIQUES

Five (5) randomly selected soil subsamples were collected by an AFI Environmental field representative from each study area. Subsamples were collected at each location by scooping soil from the tailings of a hand auger at a depth of 6" to 18" using a precleaned stainless steel sampling spoon. The soil from each of the five (5) subsamples was placed in a precleaned stainless steel five (5) gallon bucket, and homogenized. A representative subsample was collected from the homogenized soil, in each study area, and placed in precleaned, sample bottle, labeled with the sample number, date and time of collection, sampler's initials, and the analysis requested and transported to Lozier Labs of Rochester under proper chain of custody.

4.1.1 Homogenized Composite Samples

Homogenized composite samples were assembled to characterize background soil quality and to chemically profile soils contained within the area showing previous evidence of contamination. Five (5) discrete subsamples were homogenized into one (1) sample for each study area.

4.1.2 STATISTICAL SAMPLING GRID

Each area of concern was divided into two (2) components or study areas. One component representing the "near-field" area, and a second component representing the "far-field" area. The "near-field" component consisted of a 25' x 25' area of soil "near" the Modified Phase II Investigation sample locations. The second component or "far-field" area consisted of a larger 125' x 125' square area concentric to the "near-field" study area. Both study areas were divided using a standard grid pattern into 36 intersections. The 36 intersection of the "near-field" were created by 5' spacing while the 36 intersections of the "far-field" area were created by 25'spacing. Five (5) locations were randomly selected for soil subsampling inside each study area and one (1) homogenized composite sample was assembled and sent for analysis from each area. This resulted in a total of five (5) samples being sent to Lozier Labs for analysis. (No "near-field" subsample was collected from the storm sewer and gas island area due to the concrete pad and pavement encountered).

4.2 ANALYTICAL TESTING

All soil samples were immediately transported under proper chain of custody records to Lozier Laboratories, Rochester, New York. All samples underwent testing for the Toxicity Characteristic Leaching Procedure (TCLP) STARS Volatiles 1311(8021), and semi-volatile organic compounds (SOCs) in accordance with EPA SW-846 Method 1-311/8220. These analytical methods were selected based upon discussion with Waste Management of New York personnel and due to the types of contaminants identified during earlier investigations at the project site.

5.0 RESULTS

Appendix A includes the results for all analysis conducted on the homogenized composite samples for the three (3) Study Areas. Only one (1) sample (PT #3) from the "near-field" study area #2 (see figure #4) exceeded the New york state Dec Guidance values as presented by the NYSDEC S.T.A.R.S. Program Analtical Test. This exceedance was noted for the chemical Parameter of Napthalene at location #2 where the presented value equalled 18ppb (adjusting for the 5 to 1 dilution equates to 90ppb). All other tested parometer were listed as non-detects or below the detection levels as presented by Lozier Labs.

6.0 CONCLUSIONS

According to SPOTS No. 14 (May 15, 1991) "...if the field analysis does not indicate any contamination at the site, and laboratory analysis of a minimum amount of sampling of soil/water taken from around the tank and piping confirms no contamination at the sample locations, it is reasonable to assume that no contamination exists at the site.

(However) If this minimum sampling does show contamination, then the Department (DEC) must be notified of this contamination and additional laboratory analysis must be conducted."

Since, AFI has already conducted additional analysis and the results from all but one area showed no contamination (utilizing a five (5) to one (1) dilution); it is reasonable to assume that chemical constituents in the soils are limited to the original sampling areas, and the one study area where chemical constituents exceeded guidance values.

AFI RECOMMENDATION

Generally a Phase III Site Assessment; or Exposure Assessment is conducted, at this point, to predict possible migration pathways or routes; and to identify areas where chemical constituents released into the soil may impact public health or the environment.

Phase III procedures generally include mapping the distribution of contamination, and predicting the pathways for exposure. The factors considered during a Phase III study include the volume released (which we do not know, but we assume to be minimal); the absorption capacity of the soil (which is medium to high); the relative ability of the soils to allow water movement (which is low); rate and direction of groundwater movement (known to be slight); and all processes that dilute concentration and limit the area of the contaminated zones (see Phase I and Modified Phase II reports).

However, the lack of detectable levels of the chemical constituents in the onsite monitoring wells; taken in consideration with the lack of detection of chemical constituents in all but one of the suspect areas during the most recent extended sampling; would allow one to conclude that TCLP contamination was limited to the one area demonstrating exceedance of the guidance values and the limited areas near each of the original modified Phase II sampling locations.

As such, AFI recommends that all areas where original contamination was documented during the modified Phase II Investigation be excavated and removed in a 10' x 10' area to a depth of 18". The excavation should be closed with #2 crusher run and/or fill and compacted for immediate use.

Study Area #3 should be excavated to 18", or refusal, throughout entire 25' x 25' boundary and replaced with clean and packed #2 crusher run stone. In addition, any stained areas near the truck parking, or roll off staging area, and fueling islands should be removed and filled with clean #2 crusher run stone and packed. All concrete should be steamed washed and the storm sewer inlets should be thoroughly cleaned with a VAC-Truck and steam washed after sediment removal.

All excavated soils should be staged in plastic lined roll off containers and a representative soil sample collected for waste profiling procedures.

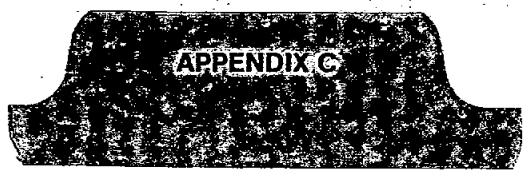
AFI further recommends that additional composite samples be taken from the side walls and bottom of each excavated areas as well as from 1' to 2' beneath the excavation and run for TCLP. This data should be evaluated to assure that all chemical constituents have been removed.

A total of four (4) additional samples would be collected one (1) from each study area and one (1) from the staged soils to document the clean up.

AFI recommends removal of all visually stained soils in each of the study areas to a depth of 18".

All removed and/or contaminated soils should be properly disposed of at a legally permitted facility.

AFI also recommends that a copy of the final closure report be submitted to the DEC as a token of good faith and request there comments once the final samples have been tested and the site is documented to be clean so that they have record of the cleanup.


APPENDIX C

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : AFI ENVIRONMENTAL
6101 ROBINSON RD
LOCKPORT, NY 14094

ATTN : BILL HEITZENRATER

DATE REC'D. : 03/08/95
LABORATORY NO. : 95031539
REPORT DATE : 03/29/95

RE : GANSON ST. II

SAMPLE INFORMATION

SAMPLE DATE : 03/08/95
SAMPLE TIME : 9:30-11:20 AM
NUMBER OF SAMPLES : 5

LOCATION : SEE REFERENCE
TYPE OF SAMPLE: SOILS
SAMPLER : LOZIER LABS

S.T.A.R.S. 8021 VOLATILES EXTRACTION

PARAMETER	PT 1	PT 2	PT 3	PT 4	PT 5	UNITS
METHYL T-BUTYL ETHER (MTBE)	<5.0	<5.0	<5.0	<5.0	<5.0	ug/l
BENZENE	<0.7	<0.7	<0.7	<0.7	<0.7	ug/l
ETHYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
TOLUENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
M+P XYLENES	<2.0	<2.0	<2.0	<2.0	<2.0	ug/l
O XYLENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
TOTAL XYLENES	<3.0	<3.0	<3.0	<3.0	<3.0	ug/l
ISOPROPYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
n-PROPYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
p-ISOPROPYL TOLUENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
1,2,4-TRIMETHYL BENZENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
1,3,5-TRIMETHYL BENZENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
n-BUTYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
sec-BUTYLBENZENE	<1.0	<1.0	<1.0	<1.0	<1.0	ug/l
NAPHTHALENE	<1.0	<1.0	18	<1.0	<1.0	ug/l
SURROGATE RECOVERY:						
a,a,a-TFT	69	84	78	76	76	%

ANALYSIS: EPA Method 8021 Volatiles (NYSDEC S.T.A.R.S. Program Analyte List) performed on TCLP (ZHE) extractions.

NYSDOH LAB ID # 10390
acq

ALAN J. DAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #95031539

POLYNUCLEAR AROMATIC HYDROCARBONS

PARAMETER	PT 1	PT 2	PT 3	PT 4	PT 5	METHOD BLANK	UNITS
NAPHTHALENE	<10	<10	<10	<10	<10	<10	ug/l
ACENAPHTHYLENE	<10	<10	<10	<10	<10	<10	ug/l
ACENAPHTHENE	<10	<10	<10	<10	<10	<10	ug/l
FLUORENE	<10	<10	<10	<10	<10	<10	ug/l
PHENANTHRENE	<10	<10	<10	<10	<10	<10	ug/l
ANTHRACENE	<10	<10	<10	<10	<10	<10	ug/l
FLUORANTHENE	<10	<10	<10	<10	<10	<10	ug/l
PYRENE	<10	<10	<10	<10	<10	<10	ug/l
CHRYSENE	<10	<10	<10	<10	<10	<10	ug/l
BENZO(b) FLUORANTHENE	<10	<10	<10	<10	<10	<10	ug/l
BENZO(k) FLUORANTHENE	<10	<10	<10	<10	<10	<10	ug/l
BENZO(a)PYRENE	<10	<10	<10	<10	<10	<10	ug/l
DIBENZO(a,h) ANTHRACENE	<10	<10	<10	<10	<10	<10	ug/l
INDENO(1,2,3-cd) PYRENE	<10	<10	<10	<10	<10	<10	ug/l
BENZO(g,h,i) PERYLENE	<10	<10	<10	<10	<10	<10	ug/l
BENZO(a) ANTHRACENE	<10	<10	<10	<10	<10	<10	ug/l
SURROGATE RECOVERIES :							
NITROBENZENE-d5	74	73	82	42	48	77	%
2-FLUOROBIPHENYL	81	78	84	45	49	86	%
TERPHENYL-d14	88	85	97	42	43	95	%

ANALYSIS: EPA Method 8270 (PNA'S) performed on TCLP (ZHE) extractions on 03/15/95.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES

CHAIN OF CUSTODY RECORD

ATTN: BILL HERTZMARK

Client Name: AFI ENVIRONMENTAL

Mailing Address: 6101 Robinson Rd

Lockport NY 14094

LABORATORY NO: 1529

Project Name: GANSON ST. II SOIL SAMPLING

SAMPLE IDENTIFICATION	DATE	TIME	LOCATION	SAMPLE TYPE	TCLP VOA	TCLP-STARS B/N	ANALYSIS	NUMBER OF CONTAINERS	REMARK
Composite Soil (5 subsamples)	3-8-95	0930	Pt 1	Soil	✓	✓		2	
		1010	Pt 2						
		1030	Pt 3						
		1058	Pt 4						
		1120	Pt 5						

SAMPLED BY: SIGN Bernard McCabe

RELINQUISHED BY:
1 SIGN Bernard McCabe DATE 3-8-95 TIME 1500
2 SIGN DATE TIME
3 SIGN DATE TIME
4 SIGN DATE TIME

RECEIVED BY:
1 SIGN DATE TIME
2 SIGN DATE TIME
3 SIGN DATE TIME
4 SIGN DATE TIME

METHOD OF SHIPMENT: Hand SIGN Bernard McCabe

RECEIVED FOR LABORATORY BY: SIGN DATE 3/8/95 TIME 3 pm

AFI
ENVIRONMENTAL
A Division of Buffalo Environmental Consultants, Inc.
6101 Robinson Road • Lockport, New York 14094

February 23, 1995 **FAX LETTER**

Mr. John Minichiello
Waste Management of New York
101 Ontario Street
East Rochester, New York 14445

RE: Remedial Soil Investigation **FINAL/REVISED DRAFT PLAN**
Downing Container Services- 191 Ganson St., Buffalo, NY
AFI Project No. H1025.1

Dear Mr. Minichiello:

Enclosed, please find the revised draft copy of the Ganson Street Remedial Action Plan. This is in response to your review and mark ups. We are ready to begin as soon as the snow is off the study area or sooner if you desire to have the snow scraped.

Please advise.

Should you have any questions or comments please don't hesitate to call me at the Lockport office.

Sincerely,

AFI ENVIRONMENTAL,

William L. Heizenrater
Principal

encl.
H1025/LETTERS/MNCHL16

LOCKPORT
(716) 625-8434
Fax: (716) 625-8471

ROCHESTER
(716) 254-8820
Fax: (716) 254-0482

NIAGARA FALLS
(716) 283-7645
Fax: (716) 283-2858

Printed on recycled paper
to help protect the environment

REMEDIAL ACTION PLAN

DOWNING CONTAINER
191 GANSON STREET, BUFFALO, NEW YORK

PROJECT #H1025

PREPARED FOR:

WASTE MANAGEMENT OF NEW YORK
125 PERINGTON PARKWAY
FAIRPORT, NEW YORK
14450

PREPARED BY:

AFI ENVIRONMENTAL
6101 ROBINSON ROAD
LOCKPORT, NEW YORK
14094

FEBRUARY, 1995

LIST OF FIGURES

FIGURE 1: SITE LOCATION MAP

FIGURE 2: SITE PLAN

FIGURE 3: SAMPLE LOCATIONS - AFI ENVIRONMENTAL

TABLE OF CONTENTS

1.0	INTRODUCTION		1
1.1	BACKGROUND		1
1.2	PURPOSE AND OBJECTIVES		1
1.3	SCOPE OF WORK		1
2.0	SITE DESCRIPTION		2
3.0	PREVIOUS STUDIES		3
3.1	PHASE I ENVIRONMENTAL ASSESSMENT		3
3.2	PHASE I CONCLUSIONS		4
3.3	MODIFIED PHASE II INVESTIGATION		4
	3.3.1	SOIL BORINGS	4
	3.3.2	SEDIMENT SAMPLES	5
	3.3.3	SAMPLE COLLECTION/SCREENING AND ANALYSIS	5
	3.3.4	SOIL	5
	3.3.5	SOIL RESULTS	5
	3.3.6	GROUNDWATER	6
3.4	PHASE II CONCLUSIONS/RECOMMENDATIONS		6
4.0	REMEDIAL PROGRAM		6
4.1	OVERVIEW		6
	4.1.1	HOMOGENIZED COMPOSITE SAMPLES	7
	4.1.2	STATISTICAL SAMPLING GRID	7
4.2	ANALYTICAL TESTING		7
5.0	CONCLUSION		7

1.0 INTRODUCTION

1.1 BACKGROUND

AFI Environmental has prepared this *Remedial Action Plan* (RAP) on behalf of Waste Management of New York, Inc. This RAP is intended to address petroleum impacted soil and sediment encountered at the Downing Container Facility located at 191 Ganson Street, Buffalo, New York (Figure 1). This facility is the storage yard and repair shop for Waste Management of New York's Downing Container Division's garbage pickup , roll-off and rental operation. This RAP was prepared to address potential areas of environmental concern (AECs) identified in a Phase I Investigation conducted on October 1994 and a modified Phase II Investigation completed on December 1994. The ESA and subsequent Phase II Investigation resulted in the detection of low level organic, inorganic, and PCB constituents in soil and sediment samples collected at the Ganson Street site. The areas of the site in which constituents were indicated include the following (refer to Figure 2).

The chemical analysis of sediment samples collected from within the storm sewer staging areas and gas islands indicated the presence of semi-volatile organic compounds (SVOC), PCBs metals at concentrations which may exceed NYSDEC guidance levels. Potential sources which may have individually or collectively resulted in the impact to sediment and soil samples include petroleum based fluids utilized for facility operations; runoff of liquids from the garbage trucks or roll off boxes and fluid leakage from parked trucks and automobiles. Potential pathways of releases from these sources to the storm water control system include; runoff received by the storm sewer from the exterior rolloff and truck staging area or fueling islands; and runoff from the parking area captured by the storm sewer.

1.2 PURPOSE AND OBJECTIVES

Waste Management of New York, Inc. has retained AFI Environmental to investigate further the areal extent and composition of impacts in an attempt to identify the cost to mitigate existing soil/sediment contamination at their 191 Ganson Street Waste Management facility. This RAP has been developed for the private use of Waste Management, but in accordance with NYSDEC guidance memorandum. This plan presents the results of previous investigations at the project site; and outlines the scope of the proposed remedial investigative program, and the equipment and procedures to be utilized to evaluate the areal extent of soil and sedimentary contamination to determine the cost of remediation/disposal.

1.3 SCOPE OF WORK

The remedial program proposed for implementation at the Ganson Street facility consists development of a site specific sampling plan in an attempt to characterize the aerial extent of chemical constituents identified in the soils, through establishment of a grid sampling system in

each of the three (3) areas identified as: areas of potential concern (AECs); during the recently completed Environmental Phase I and Modified Phase 2 Investigations. The scope of work required to accomplish these remedial objectives includes the following:

- o Identify three (3) general Investigative areas.
- o Establish a Sampling Grid at each area.
- o Identify Soil Sample Collection techniques.
- o Identify Sample Composite Homogenization techniques.
- o Provide a site specific and Health and Safety Plan.

2.0 SITE DESCRIPTION

Figure 1 graphically depicts the property location on Ganson Street south of the intersection with Michigan Avenue in the City of Buffalo, Erie County, New York, which is included on the Buffalo SE NY - 7.5 minute quadrangle of the United States Geological Survey (USGS). The site is approximately 4.78 acre in size and contains one office building, one repair/maintenance garage, one detached office trailer, and gravel driveways and parking areas. The site is generally flat with a very slight slope to the east towards the Buffalo River. As shown on Figure 1, the elevation of the property is approximately 580 feet above mean sea level. Site drainage is accomplished by means of uncontrolled overland flow from the stone driveway and parking area to the east, and a series of four catch basins located in the north central portion of the site. These catch basins discharge to the Buffalo Sewer Authority combined stormwater/sanitary sewer system.

The site is currently owned by Downing container Service, Inc. Figure 2 illustrates the current site plan. The property is bounded by Ganson Street to the west, Integrated Waste Systems, Inc. to the north, Roy Track, Inc. to the east, and General Portland, Inc. to the south and east. All the surrounding properties are industrial in nature.

Current zoning maps were not available for the site, however, based on the nature of the businesses in the area, it is presumed that the site and surrounding properties are zoned heavy industrial. The site is serviced by municipal water and a combined sanitary/storm sewer system. Other utilities included natural gas from National Fuel and electric from Niagara Mohawk. The gas is routed to the main building through underground pipes from Ganson Street. Electric is delivered through overhead lines from Ganson Street.

According to the *Soil Survey of Erie County, New York*, the project site is characterized as having urban soils (Ud). This indicates that 80 percent or more of the soil surface is covered by asphalt, concrete, buildings,or other impervious structure. These areas are mostly nearly level to gently sloping.

Groundwater was encountered at the site in each of the monitoring wells. Static water levels measured in the monitoring wells ranged from 2.88 to 8.02 feet below ground surface. Regional groundwater flow direction, inferred from topographic maps, is generally towards the northwest and northeast to the discharge area represented by the Buffalo Ship Canal and the Buffalo River respectively. Local variations in groundwater flow, however, may occur in the site vicinity.

The Federal Emergency Management Association (FEMA) Flood Insurance rate Map (Panel No. 360230 0020) was consulted to determine the flooding potential of this site. It was determined that the site is not located within the one-hundred year or five hundred year flood plains of any waterway, with the exception of the extreme southern tip of the property (< 10 percent), which slightly impinges on the five hundred year floodplain of the Buffalo River.

3.0 PREVIOUS STUDIES

3.1 PHASE I ENVIRONMENTAL ASSESSMENT

AFI Environmental performed a Phase I Environmental Assessment (ESA) of the project site in September, 1993. This ESA was conducted in accordance with the procedures outlined in American Society for Testing and materials (ASTM) Practice E1527-93. As a result, the following items were disclosed:

- o There is one RCRIS-TS (Treatment, Storage and Disposal) facility located within 1.0 mile radius of the site. This facility has numerous violations associated with ignitable wastes, heavy metals, and chlorinated solvents.

- o The waste hauling operation occupying the subject property was identified as a RCRIS-LG large quantity generator of the following waste types:

  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).

- o Additionally, one other RCRIS-LG large quantity generator is located within 0.25 mile radius of the site. This site generates the following waste types:

  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).
  - a solid waste that exhibits the characteristic of corrosivity, but is not listed as a hazardous waste (D002).

- One RCRIS-SG small quantity generator is located within 0.25 mile radius of the site. This site generates the following waste types:

  - spent non-halogenated solvents (F003,F005); and
  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).

- The site itself is a listed petroleum bulk storage facility. Additionally, two petroleum bulk storage tank sites are located within a 0.25 mile radius of the subject property:

- There are three LST (Leaking Storage Tanks) sites located within 0.5 radius of the subject property.

3.2 PHASE I CONCLUSIONS

In accordance with the conclusions drawn in the Phase I ESA Report, the property owner (Waste Management of New York Inc.), in consultation with AFI Environmental, elected to implement a Phase II investigation to examine the subsurface and groundwater of the subject property. The purpose of the investigation was to determine the presence or absence of environmental impacts on the site.

3.3 MODIFIED PHASE II INVESTIGATION

The Phase II subsurface investigation was performed during the period of October 23 to November 2, 1994 with supplemental soil sampling conducted on December 6, 1994. This investigation was conducted in accordance with the investigation plan developed by AFI Environmental. The final report was issued in December 1994.

3.3.1 SOIL BORINGS

Ten (10) soil borings were installed manually using a three (3) inch bucket auger. Soil samples obtained from the bucket auger, from a depth of 0.5' to 1.0', were immediately placed in properly labeled sample containers sealed with tin foil and a screw on cap for screening as described in section 4.3.2. Each soil boring was abandoned following the completion of auguring/sampling activities by backfilling with auger cuttings from the respective borehole.

3.3.2 SEDIMENT SAMPLES

Three (3) sediment samples were collected from each of the three onsite catch basins. The samples were collected using a shovel to remove some material from the bottom of the catch basin. Each sediment sample obtained from the catch basins were immediately placed in properly labeled sample containers sealed with tin foil and a screw on cap for screening. Excess material collected from the catch basins was returned to the bottom of the catch basins.

3.3.3 SAMPLE COLLECTION/SCREENING AND ANALYSIS

The sample collection/screening and analysis program implemented at the project site involved the collection of one (1) groundwater sample from each monitoring well; as well as the field screening of soil and sediment samples to enable the selection of two (2) soil samples from the ten (10) soil borings and one (1) sediment sample for chemical analysis. All sample collection and screening measures were performed in accordance with accepted protocols by an experienced AFI Environmental Geologist. All samples were place in appropriately labeled sample containers for transport under proper chain of custody record to Lozier Laboratories for chemical analysis.

3.3.4 SOIL

Soil samples obtained from split-spoons were screened for total organic vapors (TOVs) utilizing an HNu PID after equilibrating at room temperature for one (1) hour. After removing the screw on cap, the foil seal of the sample container was pierced with the probe of the PID, and a measurement was recorded. PID measurements were zero for all split spoon samples collected during monitoring well installation and ranged from 0ppm to 0.7 ppm for the ten (10) soil and three (3) sediment samples.

Two (2) samples of the ten (10) soil borings and one (1) sediment sample from the three (3) drainage inlets were selected for chemical analysis based upon the results of field screening. The three (3) soil/sediment samples with the highest measured TOV concentration were placed in a laboratory precleaned and properly labeled sample containers and placed on ice in a cooler for transport under proper chain of custody records to Lozier Laboratories. All soil samples underwent testing in accordance with EPA SW-846 Method 8240 for VOCs, TCL Semi-VOCs by method 8270, TCL Pesticides/PCBs by Method 8080, RCRA Metals by Method 6010/7000s, and Cyanide by Method 9012.

3.3.5 SOIL RESULTS

Analytical results from the two (2) soil samples and one (1) sediment sample collected from the project site have indicated the presence of a number of volatile organic compounds (VOCs) and semi volatile organic compounds (SEMIVOCs) commonly associated with petroleum constituents, possibly from fuel oil. Further, PCB-1260 was detected at all locations sampled and analyzed, with the highest concentration at location #9.

Based upon the location from which soil samples containing significant concentrations of VOCs and SEMIVOCs were collected; one can assume that impacts to the soil near the former UST location (location #10) and the fueling/container staging area (location #11) has occurred as the results of minor spillage or leaks. This assumption is consistent with the field screening data.

3.3.6 GROUNDWATER

The chemical analysis of groundwater samples collected from the overburden monitoring wells installed on the site, did not indicate the presence of petroleum constituents in exceedance of NYSDEC guidance values. Based on a comparison with applicable guidance valued established by the NYSDEC STARS Memo #1 and NYSDEC TAGM dated January 24, 1994, it appears that none of the constituents encountered in the soil/sediments have entered the groundwater at any of the areas monitored. Further, it appears that constituents originating from areas off-site are not migrating on-site via the groundwater flow system and that the onsite constituents are not migrating offsite via the groundwater system.

3.4 PHASE II CONCLUSIONS/RECOMMENDATIONS

AFI Environmental collected a total of three (3) soil/sediment and five (5) groundwater samples from the project site for analysis pursuant to NYSDEC Petroleum-Contaminated Soil Guidance Policy. The resulting analytical data was assessed to determine if petroleum impacted soil was present and to characterize groundwater quality. In general, impacted soil was encountered in varying degrees in the areas sampled. In this case we don't know that the values exceed the NYSDEC requirements because of the analytical method selected for analysis. It is possible that some of the particular constituents levels could exceed the NYSDEC STARS limits, but this is unknown because TCLP analysis was not performed. The area of the former UST (sample location #10) demonstrated higher levels for VOCs and SEMIVOCs, than the truck fueling/waste container staging area (sample location #11). However, the sludge/sediment sample (sample location #14) collected from the surface water runoff collection inlet was highest of all, especially for Acetone and Toluene (39,000 and 62,400 ppb respectfully). PCB-1260,

4.0 REMEDIAL INVESTIGATION

The investigation proposal by AFI Environmental involves the collection and analysis of a series of soil and sediment samples from three distinct areas; the storm sewer, the UST area, and northeast rolloff staging area. This sampling and analysis program was developed to:

- o To evaluate constituent concentrations with respect to regulatory levels using TCLP Extraction Protocol; and

- o Chemically profile potentially impacted soils and determine rough quantities for disposal at an appropriately permitted facility.

4.1 SAMPLING TECHNIQUES

The proposed sampling techniques for soil sample collecting is described in the following subsections. All samples will be collected by an AFI Environmental field scientist and placed

in precleaned laboratory sample bottles, which will be labeled with the sample number, date and time of collection, sampler's initials, and the analysis requested.

4.1.1 Homogenized Composite Samples

Homogenized composite samples will be assembled to characterize background soil quality and to chemically profile soils contained within the area showing previous evidence of contamination.

4.1.2 STATISTICAL SAMPLING GRID

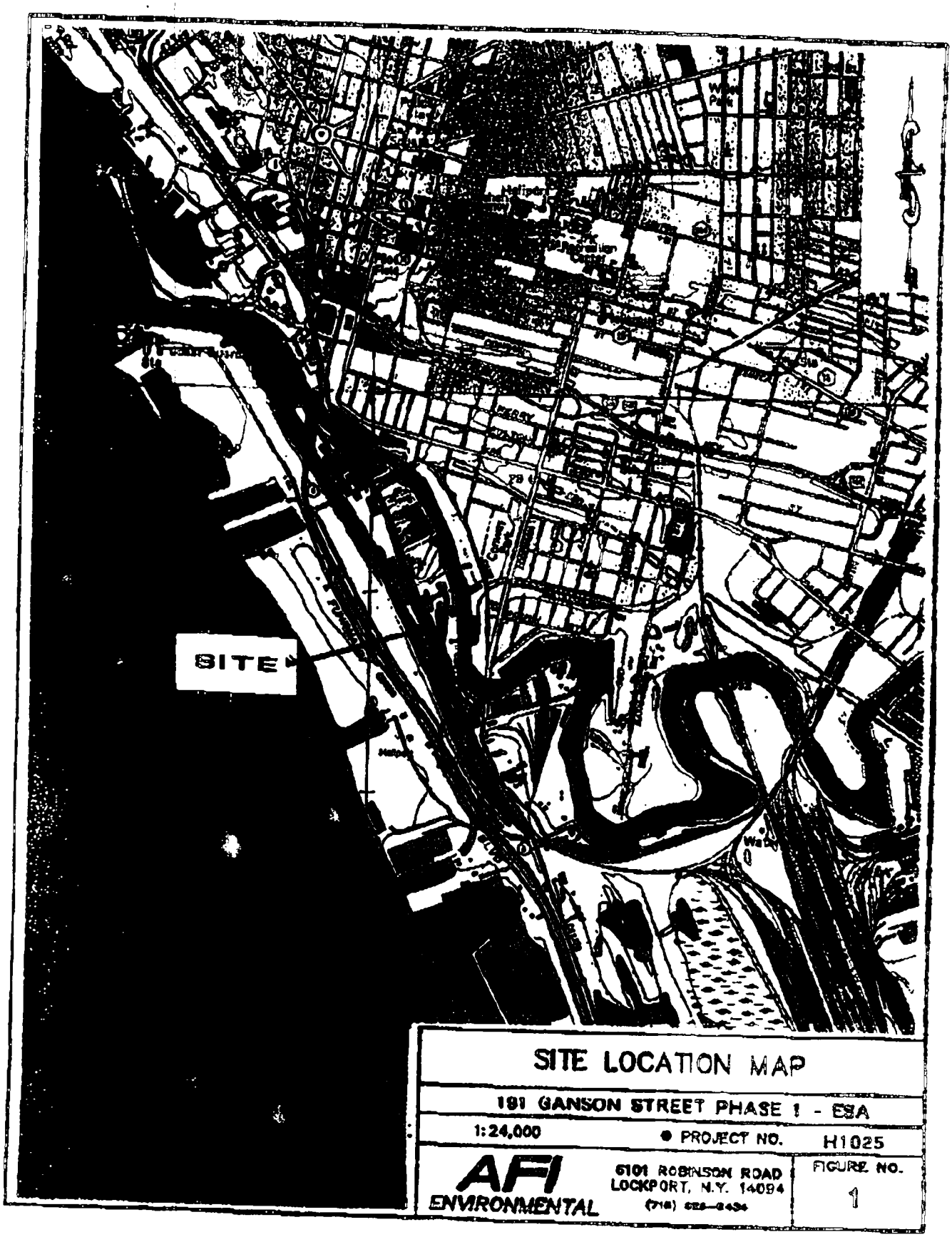
Each are to be investigated will be sectioned off into a statistical sampling grid consisting of two (2) components. The grids will be broken into near field and far field sections. The near field section will consist of the section within a square box whose length is 25 feet centered in the area of the original sampling location. The far field section will consist of a larger square box concentric to the first box, whose length is 125 feet. The near field section will be divided in a grid pattern where the intersections of the x and y axis are on 5 foot intervals, thereby creating 36 intersections. The far field zone will be divided into a grid pattern where the intersections of the x and y axis are on 25 foot intervals thereby creating a grid pattern with again 36 intersections. Five (5) subsamples will be randomly collected from each section and homogenized into a composite sample from each section with a total of two (2) samples from each area to be analyzed for TCLP Stars Volatiles and TCLP Stars Base Neutrals. These will result in a total of six (6) samples plus, field duplicate to be sent to Lozier Labs for analysis.

4.2 ANALYTICAL TESTING

All soil and sediment samples will be transported under proper chain of custody records to Lozier Laboratories, Rochester, New York, immediately following collection. All samples will undergo testing for the Toxicity Characteristic Leaching Procedure (TCLP) STARS Volatiles 1311(8021), and semi-volatile organic compounds (SOCs) in accordance with EPA SW-846 Method 1-311/8220. These analytical methods were selected based upon discussion with Waste Management of New York personnel and due to the types of contaminants identified as a result of earlier investigations of the project site. In addition to internal laboratory quality assurance/quality control (QA/QC) procedures, one (1) field duplicate will be analyzed.

5.0 CONCLUSIONS

Comparisons of the analytical data with applicable regulatory standards and/or guidance values will indicate the toxicity characteristics with respect to constituents analyzed. The data will be adjusted to correct for the dilution factor and compared to the applicable regulatory standards to determine if disposal is warranted and to estimate the rough quantities of disposal.



SITE LOCATION MAP

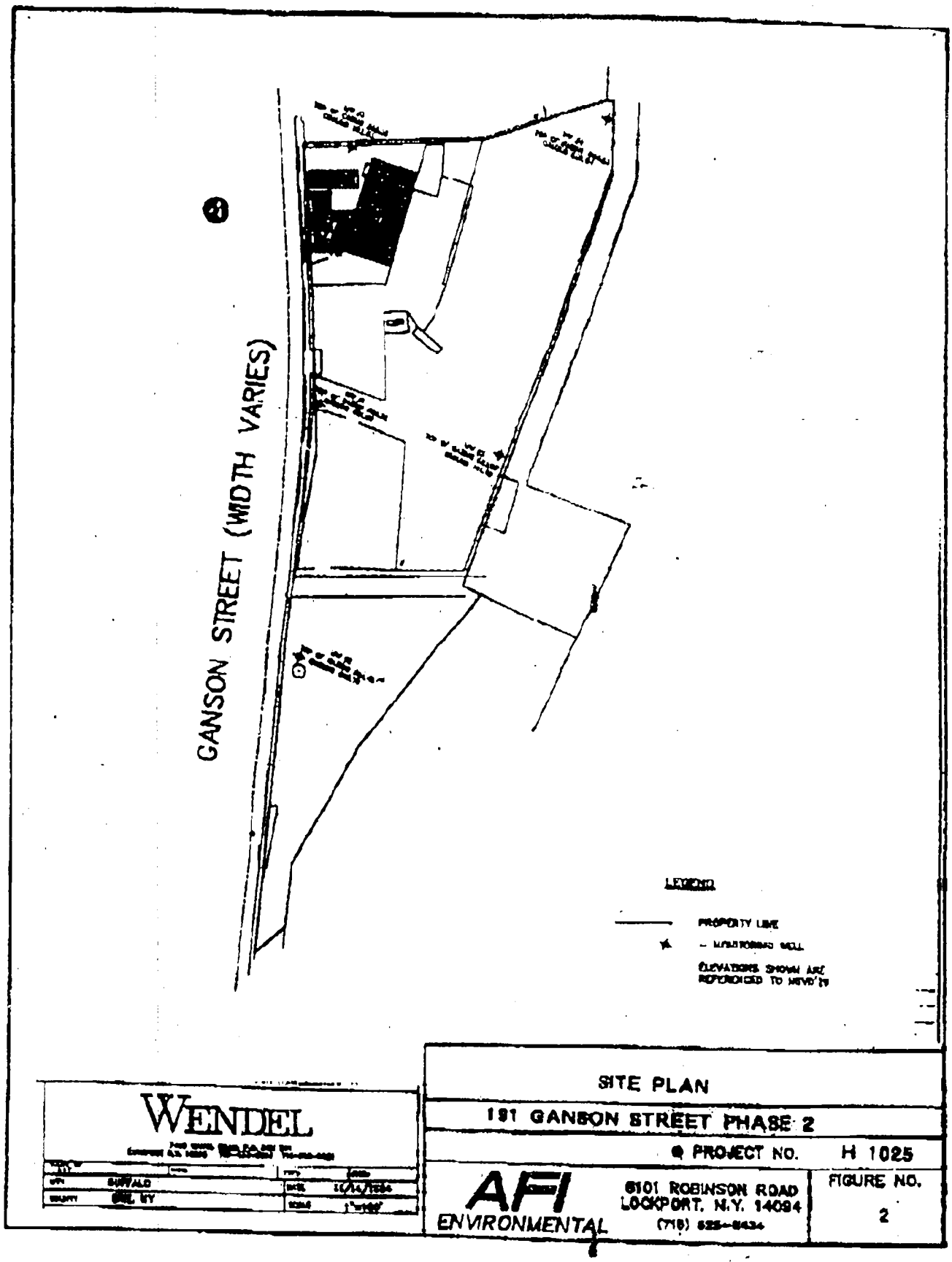
191 GANSON STREET PHASE I - ESA

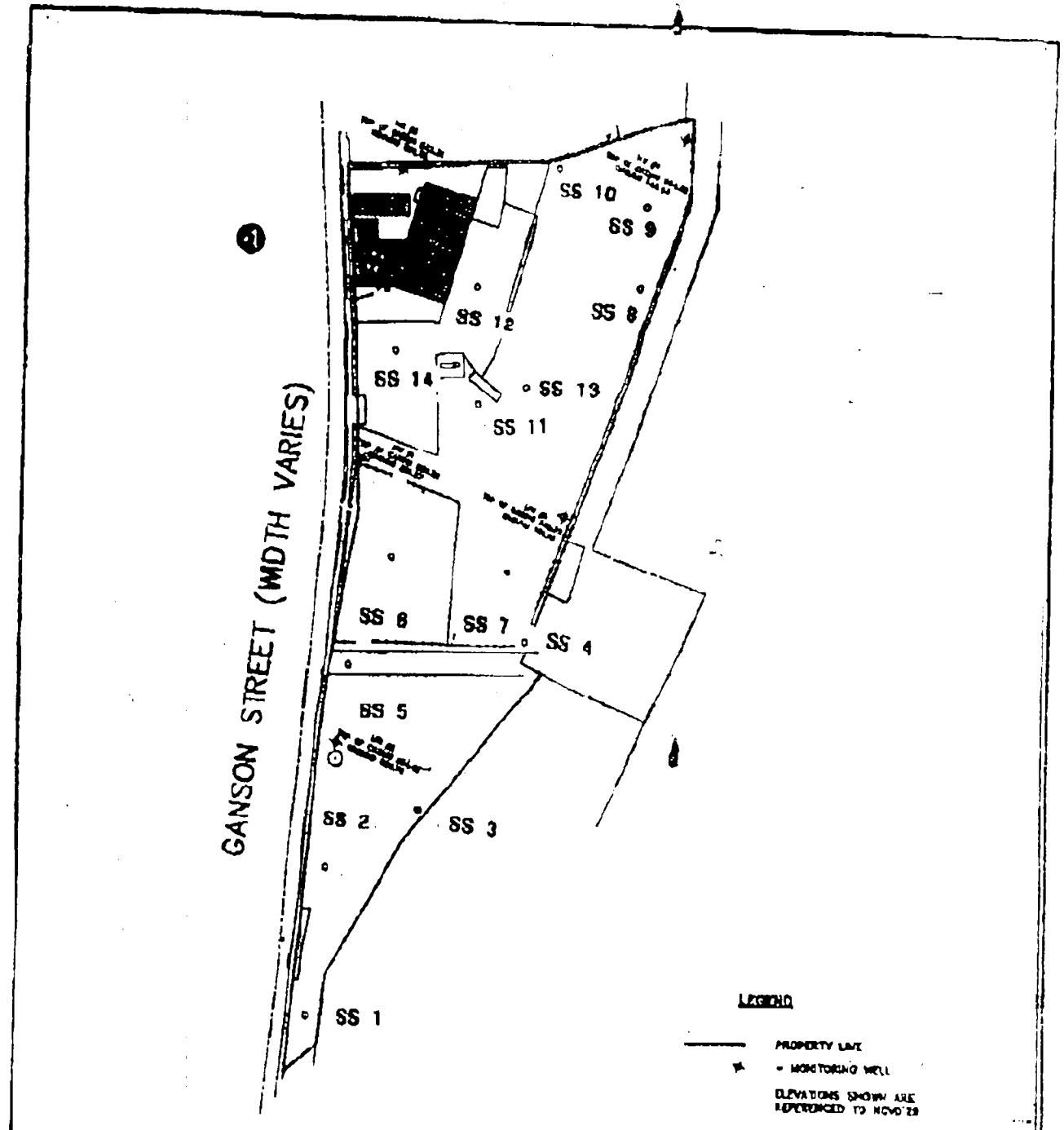
1:24,000 • PROJECT NO. H1025

AFI ENVIRONMENTAL

6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-6434

FIGURE NO. 1


GANSON STREET (WIDTH VARIES)
LEGEND
PROPERTY LINE
ELEVATIONS SHOWN ARE REFERENCED TO MEAN SEA LEVEL
WENDEL
SITE PLAN
191 GANSON STREET PHASE 2
PROJECT NO. H 1025
AFI ENVIRONMENTAL
6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434
FIGURE NO.
2



WENDEL

SOIL SAMPLE LOCATIONS

191 GANSON STREET PHASE 2

PROJECT NO. H 1625

AFI ENVIRONMENTAL

6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-6434

FIGURE NO. 3


6 29'95


«EXTRADIG»
6 29'95

AFI
ENVIRONMENTAL
A Division of Buffalo Environmental Consultants, Inc.
6101 Robinson Road • Lockport, New York 14094

December 28, 1994

John Minichiello
Environmental Engineering Manager
Waste Management of New York
101 Ontario Street
East Rochester, NY 14445

WASTE MANAGEMENT

RE: GANSON STREET (REVISED) PHASE 11 ENVIRONMENTAL INVESTIGATION.
AFI Project #h1025

Dear John:

Enclosed, please find the **REVISED** copy of the Environmental Phase 11 Investigation for Ganson Street, Buffalo, NY. I have incorporated your comments of 12/23/94 into the text where appropriate. In respect to the final comment of your fax, dated December 23, 1994 "... where did you obtain the values for allowable soil concentrations in Table 2?" The values presented are from the NYSDEC TAGM dated January 24, 1994 #HWG94-4046. (copy enclosed). The table has been edited to include this reference. This document also discusses the 100 factor.

Also, please find a copy of our invoice for the above referenced project.

Please review, and call me if you have any further questions or comments.

I will be in my Lockport office until Friday the 30 of December, However, I will e on vacation the week of January 1-8 1995.

Have a great and prosperous NEW YEAR.

Sincerely,

AFI ENVIRONMENTAL

William L. Heitzenrater
President

cc: h1025
/h1025/letters/minichiello3

LOCKPORT
(716) 625-8434
Fax: (716) 625-8471

ROCHESTER
(716) 254-8820
Fax: (716) 254-0482

NIAGARA FALLS
(716) 283-7645
Fax: (716) 283-2858

Printed on recycled paper
to help protect the environment.

PHASE II
ENVIRONMENTAL SITE ASSESSMENT

for

191 GANSON STREET
CITY OF BUFFALO
ERIE COUNTY, NEW YORK

AFI Project H1025

Prepared for:

WASTE MANAGEMENT OF NEW YORK
101 Ontario Street
East Rochester, New York 14445

Prepared by:

AFI ENVIRONMENTAL
6101 Robinson Road
Lockport, New York 14094

December 28, 1994

Printed on recycled paper
to help protect the environment.

TABLE OF CONTENTS

1.0	INTRODUCTION	1
2.0	SITE DESCRIPTION	2
3.0	PREVIOUS STUDIES	3
3.1	PHASE I ENVIRONMENTAL ASSESSMENT	3
3.2	PHASE I CONCLUSIONS	3
4.0	METHODS OF INVESTIGATION	4
4.1	DRILLING, SOIL SAMPLING AND WELL INSTALLATION	4
	4.1.1 GROUNDWATER MONITORING WELLS	4
	4.1.2 SOIL BORINGS	5
	4.1.3 SEDIMENT SAMPLES	5
4.2	WELL DEVELOPMENT	5
4.3	SAMPLE COLLECTION/SCREENING AND ANALYSIS	6
	4.3.1 GROUNDWATER	6
	4.3.2 SOIL	6
4.4	DECONTAMINATION	7
4.5	CONTAINMENT OF WASTES	7
5.0	ANALYTICAL RESULTS	7
5.1	SOIL	7
5.2	GROUNDWATER	8
6.0	CONTAMINATION ASSESSMENT	8
6.1	SOIL	8
6.2	GROUNDWATER	9
7.0	CONCLUSIONS	10
8.0	RECOMMENDATIONS	10

Printed on recycled paper to help protect the environment

9.0 LIMITATIONS 11

Printed on recycled paper
to help protect the environment

LIST OF APPENDICES

APPENDIX A: WELL COMPLETION DIAGRAMS

APPENDIX B: BORING LOGS

APPENDIX C: ANALYTICAL LABORATORY REPORT FOR SOIL SAMPLES

APPENDIX D: ANALYTICAL LABORATORY REPORT FOR GROUNDWATER SAMPLES

Printed on recycled paper to help protect the environment.

LIST OF FIGURES

FIGURE 1: SITE LOCATION MAP

FIGURE 2: SITE PLAN

FIGURE 3: PHASE II BORING AND MONITORING WELL LOCATIONS

Printed on recycled paper
to help protect the environment

LIST OF TABLES

TABLE 1: SUMMARY OF FIELD SCREENING RESULTS

TABLE 2: SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES

TABLE 3: SUMMARY OF ANALYTICAL RESULTS FOR GROUNDWATER SAMPLES

Printed on recycled paper to help protect the environment

1.0 INTRODUCTION

AFI Environmental was retained by Waste Management to conduct a Phase II Investigation of the property located at 191 Ganson Street in Buffalo, New York. This property was the subject of a Phase I Environmental Site Assessment (ESA), performed by AFI Environmental (AFI), which identified several potential areas of environmental concerns (AEC's). Further investigation was conducted to assess the potential environmental impacts that may have occurred or were related to the AEC's. Specifically, AFI identified several AEC's which include, but may not be limited to, the following:

- Numerous petroleum stained areas both in the garage areas and the staging/parking areas;
- Soils in and around the area of the former gasoline underground storage tank (UST) were never sampled and analyzed to confirm that no leakage had occurred from the UST.
- The fill materials utilized to backfill the dry docks north of the site, have been shown to contain elevated levels of VOCs, PCBs and metals. Additionally, groundwater in this area has also been shown to contain elevated levels of acetone, methylene chloride and metals.
- Potential impacts on the site from contaminants in the Buffalo River.
- Potential impacts on the site due to contaminants released on the adjacent properties.
- Potential discharges, including petroleum products and other vehicle operational and maintenance products, into the combined sanitary/storm sewers on site.
- Historical uses of the property for industrial purposes.
- Potential impact to the soils and stormwater sewers in and around the staging areas from leakage of leachate from trucks and roll-offs during routine operations.

The Phase II investigation of the project site was conducted to assess whether the identified AEC's have resulted in environmental impacts on the site and to characterize groundwater beneath the site. The field aspects of this investigation involved the drilling of test borings, the installation of monitoring wells and the collection of soil and groundwater samples. Soil and groundwater samples obtained during this field program were submitted for chemical analyses to enable an evaluation of site conditions relative to regulatory policy. AFI has prepared this *Phase II Investigation Report* to summarize the field investigation; present the results of the chemical analysis of soil and groundwater samples; evaluate the analytical data

Printed on recycled paper to help protect the environment

with respect to applicable regulatory standards and/or guidance values; and to identify potential sources of contamination. No attempt was made to determine the actual boundaries of contamination, if found.

2.0 SITE DESCRIPTION

Figure 1 graphically depicts the property location on Ganson Street south of the intersection with Michigan Avenue in the City of Buffalo, Erie County, New York, which is included on the Buffalo SE NY - 7.5 minute quadrangle of the United States Geological Survey (USGS). The site is approximately 4.78 acre in size and contains one office building, one repair/maintenance garage, one detached office trailer, and gravel driveways and parking areas. The site is generally flat with a very slight slope to the east towards the Buffalo River. As shown on Figure 1, the elevation of the property is approximately 580 feet above mean sea level. Site drainage is accomplished by means of uncontrolled overland flow from the stone driveway and parking area to the east, and a series of four catch basins located in the north central portion of the site. These catch basins discharge to the Buffalo Sewer Authority combined stormwater/sanitary sewer system.

The site is currently owned by Downing Container Service, Inc. Figure 2 illustrates the current site plan. The property is bounded by Ganson Street to the west, Integrated Waste Systems, Inc. to the north, Roy Track, Inc. to the east, and General Portland, Inc. to the south and east. All the surrounding properties are industrial in nature.

Current zoning maps were not available for the site, however, based on the nature of the businesses in the area, it is presumed that the site and surrounding properties are zoned heavy industrial. The site is serviced by municipal water and a combined sanitary/storm sewer system. Other utilities include natural gas from National Fuel and electric from Niagara Mohawk. The gas is routed to the main building through underground pipes from Ganson Street. Electric is delivered through overhead lines from Ganson Street.

According to the *Soil Survey of Erie County, New York*, the project site is characterized as having urban soils (Ud). This indicates that 80 percent or more of the soil surface is covered by asphalt, concrete, buildings, or other impervious structures. These areas are mostly nearly level to gently sloping.

Groundwater was encountered at the site in each of the monitoring wells. Static water levels measured in the monitoring wells ranged from 2.88 to 8.02 feet below ground surface. Regional groundwater flow direction, inferred from topographic maps, is generally towards the northwest and northeast to the discharge area represented by the Buffalo Ship Canal and the Buffalo River respectively. Local variations in groundwater flow, however, may occur in the site vicinity.

The Federal Emergency Management Association (FEMA) Flood Insurance Rate Map (Panel

Printed on recycled paper to help protect the environment



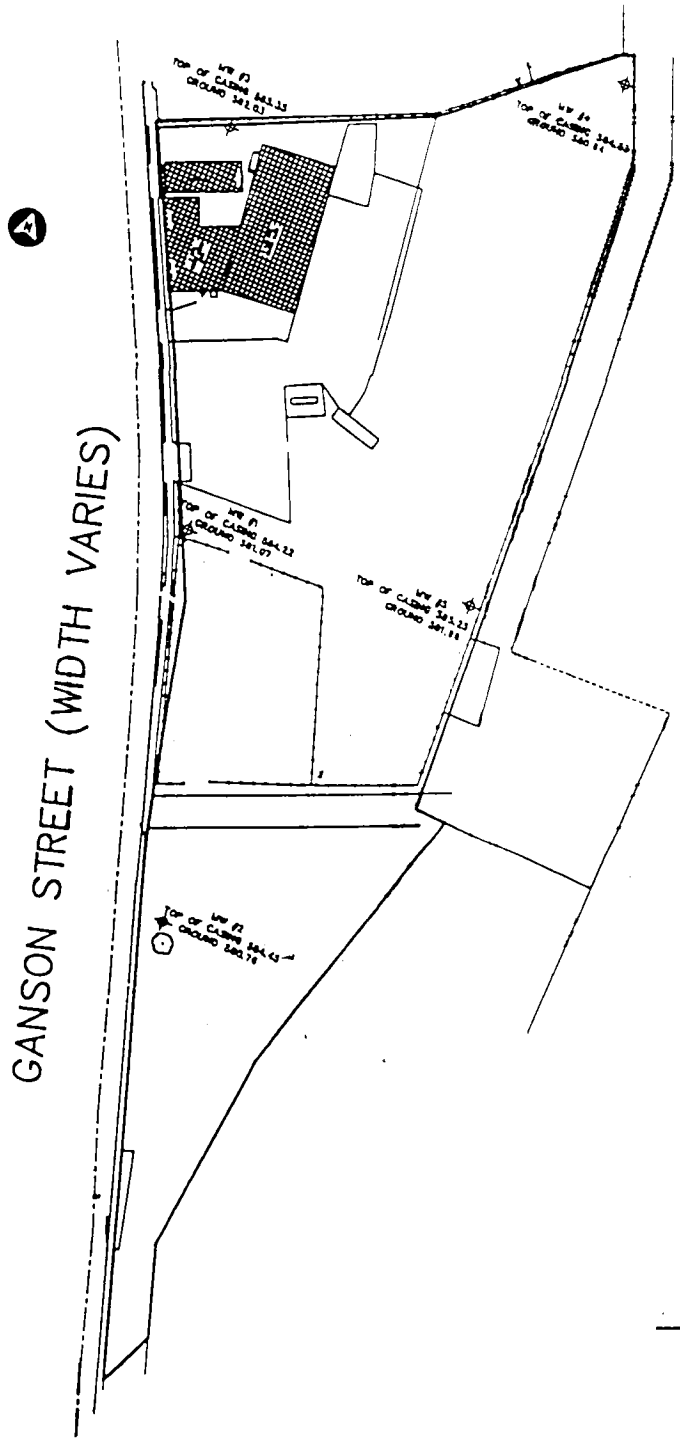
SITE LOCATION MAP

191 GANSON STREET PHASE 1 - ESA

1:24,000 ● PROJECT NO. H1025

AFI ENVIRONMENTAL
6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO. 1



LEGEND

PROPERTY LINE

⛤ – MONITORING WELL

ELEVATIONS SHOWN ARE REFERENCED TO NGVD'29

WENDEL

7456 CANAL ROAD, P.O. BOX 301
LOCKPORT N.Y. 14094 716-433-8963 716-625-6229

PART OF LOT		SEC.	
		TWP.	
CITY	BUFFALO	RANGE	
		DATE	11/14/1994
COUNTY	ERIE, NY	SCALE	1"=100'

SITE PLAN

191 GANSON STREET PHASE 2

● PROJECT NO. H 1025

AFI ENVIRONMENTAL

6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO. 2

No. 360230 0020) was consulted to determine the flooding potential of this site. It was determined that the site is not located within the one-hundred year or five hundred year flood plains of any waterway, with the exception of the extreme southern tip of the property (< 10 percent), which slightly impinges on the five hundred year floodplain of the Buffalo River

3.0 PREVIOUS STUDIES

3.1 PHASE I ENVIRONMENTAL ASSESSMENT

AFI Environmental performed a Phase I Environmental Assessment (ESA) of the project site in September, 1993. This ESA was conducted in accordance with the procedures outlined in American Society for Testing and Materials (ASTM) Practice E1527-93. As a result, the following items were disclosed:

- o There is one RCRIS-TS (Treatment, Storage and Disposal) facility located within 1.0 mile radius of the site. This facility has numerous violations associated with ignitable wastes, heavy metals, and chlorinated solvents.

- o The waste hauling operation occupying the subject property was identified as a RCRIS-LG large quantity generator of the following waste types:

  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).

- o Additionally, one other RCRIS-LG large quantity generator is located within 0.25 mile radius of the site. This site generates the following waste types:

  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).
  - a solid waste that exhibits the characteristic of corrosivity, but is not listed as a hazardous waste (D002).

- o One RCRIS-SG small quantity generator is located within 0.25 mile radius of the site. This site generates the following waste types:

  - spent non-halogenated solvents (F003, F005); and
  - a solid waste that exhibits the characteristic of ignitability, but is not listed as a hazardous waste (D001).

- o The site itself is a listed petroleum bulk storage facility. Additionally, two petroleum bulk storage tank sites are located within a 0.25 mile radius of the subject property:

Printed on recycled paper to help protect the environment

- o There are three LST (Leaking Storage Tanks) sites located within 0.5 mile radius of the subject property.

3.2 PHASE I CONCLUSIONS

In accordance with the conclusions drawn in the Phase I ESA Report, the property owner (Waste Management of New York), in consultation with AFI Environmental, elected to implement a Phase II investigation to examine the subsurface of the subject property. The purpose of the investigation was to determine the presence or absence of contamination on the site.

4.0 METHODS OF INVESTIGATION

The Phase II subsurface investigation was performed during the period of October 23 to November 2, 1994 with supplemental soil sampling conducted on December 6, 1994. This investigation was conducted in accordance with the investigation plan developed by AFI Environmental.

4.1 DRILLING, SOIL SAMPLING AND WELL INSTALLATION

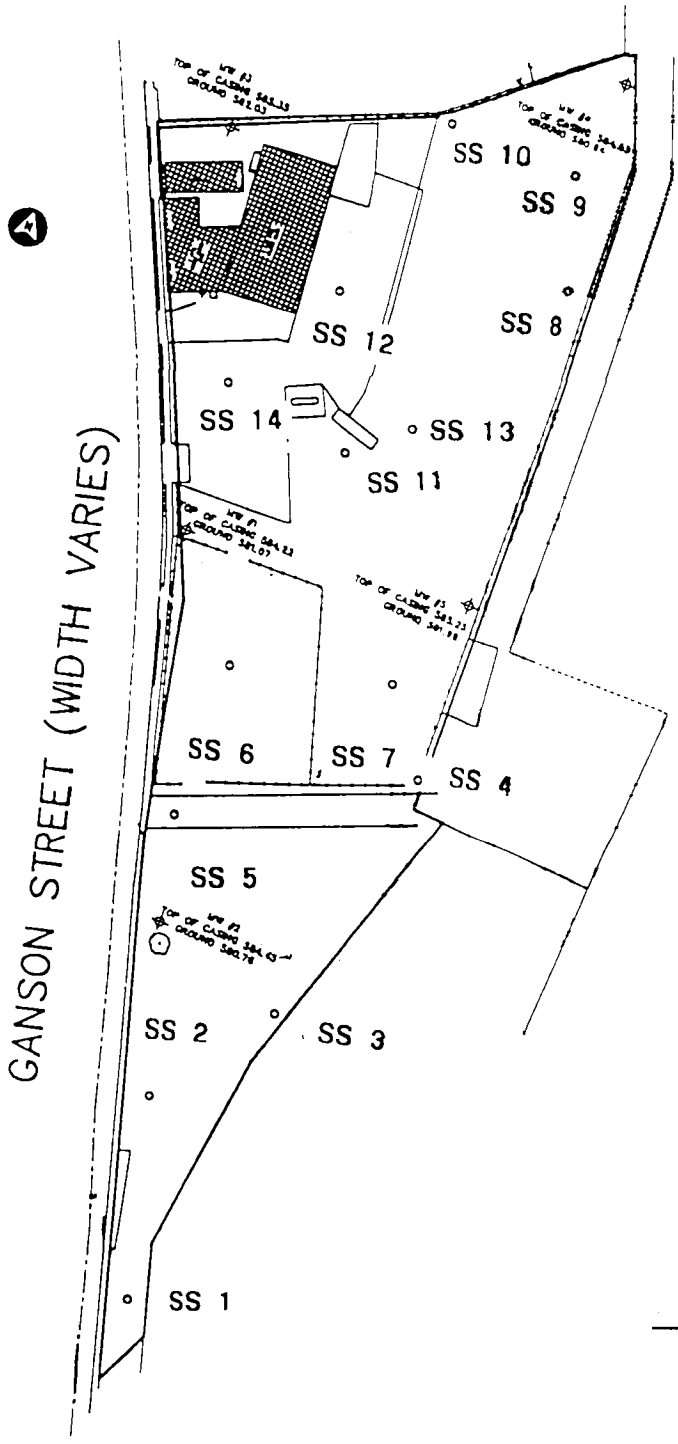
Drilling, soil sampling and well installation procedures employed during this investigation as outlined in the following sections, are consistent with the collection of high quality data for hydrogeologic studies, and were selected based upon the collective experience of AFI Environmental staff and the drilling contractor, Advanced Drilling Investigations (ADI) of Niagara Falls, New York. All field work was directly supervised and documented by a qualified AFI Environmental Geologist, and the methods utilized were intended to minimize the potential for cross contamination. Five (5) groundwater monitoring wells and ten (10) soil borings were completed, and three (3) sediment samples collected at the site, the locations of which are depicted by Figure 3.

4.1.1 GROUNDWATER MONITORING WELLS

Overburden consisted of clayey silt, fine sand, silty sand, silty clay, and silty fine sand that was saturated at approximately 4-7 feet below ground surface. No odor or visual evidence of contamination was noted during drilling operations. The following paragraphs summarize the drilling, installation and design of these wells.

The installation of the wells was performed using a Mobile B-57 Drill Rig to advance 4 1/2" ID hollow-stem augers through unconsolidated geologic materials to a depth of approximately seventeen (17) feet. Soil samples were obtained continuously throughout the total depth of the boring using 2" OD split-barrel samplers in accordance with ASTM-D1586 procedures for Standard Penetration Test (SPT). Auger drilling proceeded with a steel plug inserted at the bottom of the auger stem to prevent material from entering the hollow stem and

Printed on recycled paper to help protect the environment



LEGEND

PROPERTY LINE

– MONITORING WELL

ELEVATIONS SHOWN ARE REFERENCED TO NGVD'29

'SOIL SAMPLE

WENDEL

7458 CANAL ROAD, P.O. BOX 301
LOCKPORT N.Y. 14095 716-433-6993 716-625-8226

PART OF LOT		SEC.		TWP.	RNG.
CITY	BUFFALO			DATE	11/14/1994
COUNTY	ERIE, NY			SCALE	1"=100'

SOIL SAMPLE LOCATIONS

191 GANSON STREET PHASE 2

● PROJECT NO. H 1025

AFI ENVIRONMENTAL

6101 ROBINSON ROAD
LOCKPORT, N.Y. 14094
(716) 625-8434

FIGURE NO.
3

to ensure accurate split-spoon sampling. The split-spoon sampler used was two (2) feet in length, unpainted, and equipped with a functional ball-check valve above the sample tube. The bottom of the sampling tube was equipped with a removable plastic "basket" retainer. The split-spoon was advanced through unconsolidated geologic materials at and below the bottom of the augers with a standard 140-pound hammer falling freely 30 inches. Blow counts were recorded for each six inches of penetration. Split-spoon samples were logged using the Unified Soil Classification System (USCS). Representative samples obtained from each split spoon were placed in appropriately labeled sample containers and immediately sealed with aluminum foil and screw on-cap. Field screening of soil samples obtained from split-spoons was conducted in accordance with the procedures outlined in Section 4.3.2.

Accurate test boring logs were prepared to document overburden stratigraphy and characteristics, depth to water, and all pertinent drilling observations.

Monitoring wells were installed immediately after auguring of the bore holes. The wells were constructed of two (2) inch diameter schedule 40, threaded, flush joint, PVC riser pipe and 10-slot PVC well screen. The screen was ten (10) feet in length, and fitted with threaded bottom plugs. The well screens were installed from approximately 7 feet below to 17 feet below the ground surface. A sand pack was gradually introduced to fill the annular space between the screen and the borehole wall. The sand pack extended from the bottom of the borehole to approximately one half (1/2) foot above the top of the screen. The sand pack consisted of washed, graded, silica sand with an average grain size and grain size distribution such that it was compatible with the screen slot size of 0.01 inches. A two (2) foot thick bentonite pellet seal was placed above the sand pack, and a cement/bentonite grout slurry extended from the top of the bentonite pellet seal to within one (1) foot of the surface. The well was completed by installing a six (6) inch steel casing with a stickup of approximately three (3) feet, with a locking cap. The grout was allowed to set up for 48 hours prior to well development. The well completion diagrams were prepared to document well construction details and material specifications and are included in Appendix A.

4.1.2 SOIL BORINGS

Ten (10) soil borings were installed manually using a three (3) inch bucket auger. Soil samples obtained from the bucket auger, from a depth of 0.5' to 1.0', were immediately placed in properly labeled sample containers sealed with tin foil and a screw on cap for screening as described in section 4.3.2. Each soil boring was abandoned following the completion of auguring/sampling activities by backfilling with auger cuttings from the respective borehole.

4.1.3 SEDIMENT SAMPLES

Three (3) sediment samples were collected from each of the three onsite catch basins. The samples were collected using a shovel to remove some material from the bottom of the catch basin. Each sediment sample obtained from the catch basins were immediately placed in properly labeled sample containers sealed with tin foil and a screw on cap for screening as

Printed on recycled paper
to help protect the environment

described in section 4.3.2. Excess material collected from the catch basins was returned to the bottom of the catch basins.

4.2 WELL DEVELOPMENT

The following well development procedures were employed 48 hours after completion of the groundwater monitoring wells. This allowed the cement/bentonite grout sufficient time to set-up and enabled the wells to equilibrate. Prior to evacuation procedures the water level within the wells was measured with an audible signal, water level indicator to facilitate calculation of the volume of water within the well. Water was then evacuated from the wells using a decontaminated, plastic bailer. Well development continued until a minimum turbidity was achieved. All water withdrawn from the monitoring wells was properly contained within labeled, DOT approved 55 gallon drums to await proper disposal.

4.3 SAMPLE COLLECTION/SCREENING AND ANALYSIS

The sample collection/screening and analysis program implemented at the project site involved the collection of one (1) groundwater sample from each monitoring well; as well as the field screening of soil and sediment samples to enable the selection of two (2) soil samples from the ten (10) soil borings and one (1) sediment sample for chemical analyses. All sample collection and screening measures were performed in accordance with accepted protocols by an experienced AFI Environmental Geologist. All samples were placed in appropriately labeled sample containers for transport under proper chain of custody records to Lozier Laboratories for chemical analyses. The following sections outline sample collection and screening procedures, and identify the analytical methods employed to chemically characterize the groundwater and soil samples.

4.3.1 GROUNDWATER

After well development, the monitoring wells were allowed to equilibrate for 24 hours. The static water level within the monitoring wells were measured using an audible signal water level indicator. After calculating the volume of water contained within each well, purging was initiated. Purging was accomplished using decontaminated plastic bailers. Well purging continued until at least 3 well volumes were removed or a minimum of turbidity was obtained. All water withdrawn from the monitoring wells was properly contained within labeled, DOT approved 55 gallon drums to await proper disposal.

Groundwater sampling was performed within 24 hours after purging. The monitoring wells were sampled using decontaminated plastic bailers. The samples were placed in laboratory precleaned and prelabeled containers, appropriate preservatives were added, and the samples were placed on ice in a cooler for transport to Lozier Laboratories under proper chain of custody records. Five (5) groundwater samples underwent testing in accordance with EPA SW-846 3rd edition.

Printed on recycled paper
to help protect the environment.

4.3.2 SOIL

Soil samples obtained from split-spoons were screened for total organic vapors (TOVs) utilizing an HNu PID after equilibrating at room temperature for one (1) hour. After removing the screw on cap, the foil seal of the sample container was pierced with the probe of the PID, and a measurement was recorded. A summary of field screening results for VOCs is contained in Table #1. PID measurements were zero for all split spoon samples collected during monitoring well installation and ranged from 0 ppm to 0.7 ppm for the ten (10) soil and (3) three sediment samples.

Two (2) samples from the ten (10) soil borings and one (1) sediment sample from the three (3) drainage inlets were selected for chemical analysis based upon the results of field screening. The three (3) soil/sediment samples with the highest measured TOV concentration were placed in a laboratory precleaned and properly labeled sample containers and placed on ice in a cooler for transport under proper chain of custody records to Lozier Laboratories. All soil samples underwent testing in accordance with EPA SW-846 Method 8240 for VOCs, TCL Semi-VOCs by Method 8270, TCL Pesticides/PCBs by Method 8080, RCRA Metals by Method 6010/7000s , and Cyanide by Method 9012.

4.4 DECONTAMINATION

All drilling equipment such as augers, bits and sampling equipment which came in contact with subsurface materials was decontaminated via steam cleaning before and after drilling activities at each borehole. Equipment decontamination consisted of the removal of all soils with a high pressure, low volume, steam and detergent wash. Split-spoon decontamination was performed between samples and consisted of a detergent wash and potable water rinse.

The AFI geologist supervising the field investigation ensured that all equipment was properly decontaminated prior to use at the site, between each borehole, and before leaving the site.

4.5 CONTAINMENT OF WASTES

Drill cuttings from the installation of the monitoring wells were transferred into labeled DOT-approved 55 gallon drums to await proper disposal. Similarly, all decontamination fluids and liquids withdrawn from the groundwater monitoring wells during development, purging and sampling activities were contained within labeled DOT-approved 55 gallon drums to await proper disposal by the client.

5.0 ANALYTICAL RESULTS

5.1 SOIL

Printed on recycled paper
to help protect the environment

The Lozier laboratory report containing the analytical results for the soil samples analyzed via EPA SW-846 Method(s) 8240, 8270, 8080, 6010/7000 and 9012 are presented in Appendix C. This report also contains the case narrative, laboratory quality assurance/quality control (QA/QC) data, and chain of custody records. An initial review of the data indicated that the holding times for the 8080 Pesticides/PCBs and the TCL Semi-VOCs 8270 soil samples were exceeded prior to analysis. These samples were destroyed and resampled on December 6, 1994. All data reported within this report was analyzed within the required holding times, laboratory blanks were free of contamination, and all QC data were acceptable. These data are summarized and discussed in Section 6.0.

5.2 GROUNDWATER

The results of the chemical analysis of the five (5) groundwater samples collected from the onsite monitoring wells are presented in Appendix D. Additionally, the case narrative, laboratory QA/QC data and chain of custody records for these samples are presented therein. All groundwater samples were analyzed within the required holding times, surrogate standard recoveries were within acceptable limits (except for the low acid recoveries due to matrix interference on method 8270 for samples 1,3,4,5 and sample 6 for method 8080), and laboratory blanks were free of contamination. Section 6.0 contains a summary and evaluation of these groundwater data.

6.0 CONTAMINATION ASSESSMENT

An evaluation of the data resulting from the chemical analysis of soil and groundwater samples collected from the project site, including data from previous studies, was performed with respect to the following:

- o Type of Contamination
- o Potential Sources of Contamination
- o Compliance with Applicable Regulatory Guidelines

The succeeding subsections provide an assessment of the subsurface conditions at the project site, based upon available data, and provide the foundation for the recommendations concerning further investigation and/or remediation of the site discussed in Section 8.0.

6.1 SOIL

Analytical results from the two (2) soil samples and one (1) sediment sample collected from the project site have indicated the presence of a number of volatile organic compounds (VOCs) and semi volatile organic compounds (SEMIVOCs) commonly associated with petroleum contstituents, possibly from fuel oil. Table 2 presents a summary of these results in a comparative format which includes the guidance values for each parameter as specified in the NYSDEC publication: *Spill Technology and Remediation Series (STARS) Memo #1 and/or*

Printed on recycled paper
to help protect the environment

NYSDEC Soil Cleanup Objectives and Cleanup levels TAGM (January 24, 1994). As illustrated by Table #2, and discussed within the laboratory case narrative, all sediment samples were diluted, prior to analysis, due to the presence of a brown viscous petroleum hydrocarbon within the sample extract. The dilution of the sample raised the detection limits far above the NYSDEC guidance values by several orders of magnitude. Further, PCB-1260 was detected at all locations sampled and analyzed, with the highest concentration at location # 9.

Based upon the location from which soil samples containing significant concentrations of VOCs and SEMIVOCs were collected; one can assume that impacts to the soil near the former UST location (location #10) and the fueling/container staging area (location #11) has occurred as the results of minor spillage or leaks. This assumption is consistent with the field screening data presented in Table #1. A further review of the same table reveals that not all samples locations exhibited VOC's. This may indicate that the impacts from the petroleum releases to the soil is limited. This assumption is supported by the lack of VOC's during the screening of the split spoon samples and the lack of any VOCs in the groundwater samples collected from the site. Therefore one could assume that not all areas of the site are contaminated with petroleum constituents.

6.2 GROUNDWATER

The chemical analysis of groundwater samples collected from the overburden monitoring wells installed on the site, did not indicate the presence of petroleum constituents in exceedance of NYSDEC guidance values. These data are summarized in Table #3. Based on a comparison with applicable guidance values established by the NYSDEC STARS Memo #1 and NYSDEC TAGM dated January 24, 1994, it appears that none of the contaminants encountered in the soil/sediments have entered the groundwater at any of the areas monitored. Further, it appears that contaminants originating from areas off-site are not migrating on-site via the groundwater flow system and that onsite contaminants are not migrating offsite via the groundwater system.

7.0 CONCLUSIONS

AFI Environmental collected a total of three (3) soil/sediment and five (5) groundwater samples from the project site for analysis pursuant to NYSDEC Petroleum-Contaminated Soil Guidance Policy. The resulting analytical data was assessed to determine if contaminated soil was present and to characterize groundwater quality. In general, contaminated soil was encountered in varying degrees in the areas sampled. In this case we don't know that the values exceed the NYSDEC requirements because of the analytical method selected for analysis. It isa possible that some of the particular constituent levels could exceed the NYSDEC STARS limits, but this is unknown because TVLP analysis was not performed. The area of the former UST (sample location #10) demonstrated higher levels for VOCs and SEMIVOCs, than the truck fueling/waste container staging area (sample location #11). However, the sludge/sediment sample (sample location # 14) collected from the surface water runoff collection inlet was highest of all, especially for Acetone and Toluene (39,000 and 62,400 ppb respectfully). PCB-1260,

Printed on recycled paper to help protect the environment.

normally of low mobility, was detected in all samples, with the highest value recorded in the staging/refueling area. PCBs may be resulting from fill brought on-site prior to Downing Container's existence, or it maybe a result of current activity and made mobil via the liquid petroleum fraction in the soils.

Groundwater samples collected from the five (5) overburden monitoring wells were clean. No contravention of NYSDEC guidance values for drinking water standards, in the areas monitored, has occurred. The placement of the monitoring wells near the periphery of the site indicates that no contaminants are entering or leaving the site via the groundwater flow system of the overburden, in the areas monitored.

8.0 RECOMMENDATIONS

Based upon the analytical data generated during the course of this investigation and a review of NYSDEC Petroleum-Contaminated Soil Guidance Policy, AFI Environmental recommends that a more extensive soil/sediment investigation be conducted. The objective of this program, would be to determine the concentrations, distribution (horizontal and vertical) and source of petroleum and PCB-1260 constituents in the soil. Once the boundaries, source and extent of the constituents, are defined, a corrective action program could be implemented. This would allow remediation of the site soils to within levels that are protective of human health and the environment.

However, recognizing that the site is located in a highly industrialized area and that the site is not currently leaching constituents into the groundwater or offsite via groundwater, a combination of testing, soil remediation, and paving with asphalt, concrete, or other impermeable semi-permanent material may warrant consideration.

The ultimate selection of the remedial method should be based upon further soil investigation and a number of parameters, including but not limited to effectiveness, potential impacts to human health and the environment, cost, and compatibility with the current commercial nature of the site. AFI also recommends that the NYSDEC be consulted regarding acceptable clean-up levels at the site, as well as the means by which these objectives will be achieved; once additional data has been collected and reviewed.

9.0 LIMITATIONS

This report is based upon the application of scientific principles and professional judgement to certain facts with resultant subjective interpretations. Professional judgements expressed herein are based on the facts currently available within the limits of the existing data, scope of services, budget and schedule. To the extent that more definitive conclusions are desired by the client than are warranted by the current available facts, it is specifically AFI

Printed on recycled paper
to help protect the environment.

Environmental's intent that the conclusions and recommendations stated herein will be intended as guidance and not necessarily a firm course of action except where explicitly stated as such. AFI makes no warranties, expressed or implied including without limitation, warranties as to merchantability or fitness of a particular purpose. Furthermore, the information provided in this report is not to be construed as legal advice. This investigation and report have been conducted and prepared on behalf of and for the exclusive use of Waste Management of New York, Downing Container et al. who may distribute it at their discretion.

Printed on recycled paper
to help protect the environment.

TABLE 1

SUMMARY OF FIELD SCREENING RESULTS

BORING LOCATION ID NUMBER	DEPTH BELOW GROUND SURFACE								
	0'-2'	2'-4'	4'-6'	6'-8'	8'-10'	10'-12'	12'-14'	14'-16'	16'-18'
	TOTAL ORGANIC VAPORS (TOV'S) MEASURED BY PID (PPM)								
MW-1	0	0	0	0	0	0	0	0	0
MW-2	0	0	0	0	0	0	0	0	0
MW-3	0	0	0	0	0	0	0	0	0
SOIL SAMPLE LOCATION	0.5'-1.0'								
SS-1	0								
SS-2	0								
SS-3	0								
SS-4	0								
SS-5	0								
SS-6	0.2								
SS-7	0.2								
SS-8	0								
SS-9	0								
SS-10 (A)	0.7								
SS-11 (A)	2.5								
SS-12*	0.2								
SS-13*	0.2								
SS-14* (A)	0.2								

* SEDIMENT/SLUDGE Sample from drainage inlet.

(A) These samples were sent out for analysis.

Printed on recycled paper
to help protect the environment.

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
FOR
SOIL SAMPLES

SAMPLE NUMBER			S-1	S-2	S-3
LOCATION			SS-10	SS-11	SS-14
DEPTH BELOW GROUND SURFACE			0'-1'	0'-1'	SEDIM
SUBSTANCE Analysis performed by method 8270.	NYSDEC GUIDANCE VALUES (PPB)*	NYSDEC ALLOWABLE SOIL CONCEN (PPM)**	CONCENTRATIONS (PPB)		
Acenaphthene	20	.9	<700	<720	<1900
Acenpthylene	20	.41	<700	<720	<1900
Benzidine	.002	N/A	<1500	<1600	<3900
Benzo(a)Anthracene	.002	.03	<2900	<700	<1900
Benzo(a)Pyrene	.002	.11	2700	<700	<1900
Benzo(a)Flouranthene	.002	.011	3000	<700	<1900
Benzo(ghi)Perylene	5	8.0	2200	800	<1900
Benzo(k)Flouranthene	.002	1.1	2000	<700	<1900
Biz(2-ethylhexyl) Phthalate	50	4.35	800	1200	50,000
Chrysene	.002	.004	2500	<700	<1900
Dibenzo(a,h) Anthracene	50	1.650	1000	<700	<1900
3,3'-Dichlorobenzidine	N/A	N/A	<1300	<1400	<3900
Di-N-Butyl Phthalate	50	.081	6700	3000	<1900
Flouranthene	50	19	3600	<700	19,000
Indeno-(1,2,3,-c,d) Pyrene	.002	.032	1900	<700	<1900
Phenanthrrene	50	2.20	3400	800	23000
Pyrene	50	6.65	5000	1000	25,000

*,** Reference NYSDEC TAOM- determination of Soil Cleanup Objectives Jan. 24, 1994.

Printed on recycled paper
to help protect the environment.

TABLE 2

SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES (CONT)

SAMPLE NUMBER			S-1	S-2	S-3
LOCATION			SS-10	SS-11	SS-14
DEPTH BELOW GROUND SURFACE			0'-1'	0'-1'	SEDIM
SUBSTANCE Analysis performed by Method 8240.	NYSDEC GUIDANCE VALUES (PPB)	NYSDEC ALLOWABLE SOIL CONCEN (PPM)*	CONCENTRATIONS (PPB)		
Acetone	50	.0011	< 144	69	<3,900
2-Butanone	50	0.3	< 144	<50	<39,000
Vinyl Acetate	N/A	N/A	< 144	<52	<39,000
4-Methyl2-Pentanone	50	.01	< 144	<52	<39,000
Toluene	5	.015	< 14	<5	62,400
2Hexanone	50	N/A	< 144	<52	<39,000
Chlorobenzene	5	.017	< 14	<5	<3,900
Ethylbenzene	5	.055	< 14	<5	<3,900
Total Xylene	5	.012	<29	<11	<7,800
Styrene	50	N/A	< 14	<5	<3,900
1,1,2,2 Tetrachloroethane	5	.006	< 14	<5	<3,900

* NYSDEC Guidance Values from Jan 24, 1994 TAGM-Determination of Soil Cleanup Objectives and Cleanup Levels. HWR94-4046.

Allowable soil concentrations may be increased by a factor of 100 if the contamination is in the unsaturated zone above the water table. The value of 100 for correction is consistent with the logic used by EPA in its Dilution Attenuation Factor (DAF) approach for EP Toxicity and TCLP. (reference TAGM HWR94-4046).

Soil cleanup objectives are obtained by multiplying the allowable soil concentration by the correction factor.

Printed on recycled paper
to help protect the environment

TABLE 2

SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES (CONT)

SAMPLE NUMBER			S-1	S-2	S-3
LOCATION			SS-10	SS-11	SS-14
DEPTH BELOW GROUND SURFACE			0'-1'	0'-1'	SEDIM
SUBSTANCE Analysis performed by Method 6010/7000.	NYSDEC GUIDANCE VALUES (PPB)	NYSDEC ALLOWABLE SOIL CONCEN (PPM)*	CONCENTRATIONS (PPB)		
Total Cyanide	N/A	SB	1.44	0.91	2.39
Arsenic	N/A	7.5/ SB	35.3	5.58	3.96
Barium	N/A	300/SB	350	179	324
Cadmium	N/A	1/SB	<2.45	<2.34	7.22
Chromium	N/A	10/SB	36.6	19.5	31.0
Lead	N/A	SB	393	51.6	131
Mercury	N/A	0.1	0.13	0.09	0.22
Selenium	N/A	2/SB	<0.47	<0.46	<0.31
Silver	N/A	SB	<2.38	<2.33	2.68
Analysis by Method 8080 PCB-1260	0.1	.1	250	6,700	340

* Reference NYSDEC TAGM- Determination of Soil Cleanup Objectives and Cleanup Levels Jan. 24, 1994 HWR 94-4046.

Printed on recycled paper to help protect the environment.

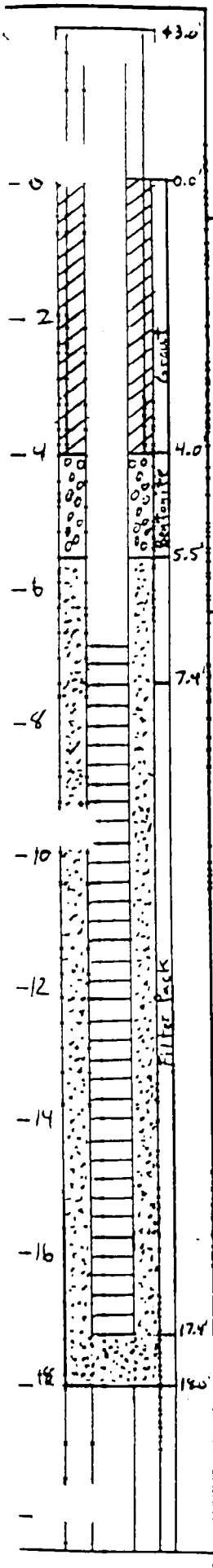
TABLE 3

SUMMARY OF ANALYTICAL TEST RESULTS FOR GROUNDWATER

Sample Number			S-1	S-2	S-3	S-4	S-5
Location			MW -1	MW -2	MW -3	MW -4	M-5
Water surface depth below ground surface			5.1'	7.1'	5.8'	2.9'	5.9
Substance Analyzed	METHOD	NYSDEC Guidance Value (ppb)**	Concentrations (ppb)				
Benzene	8240	0.7	<5	<5	<5	<5	<5
Toluene	8240	5	<5	<5	<5	<5	<5
Ethylbenzene	8240	5	<5	<5	<5	<5	<5
Chlorobenzene	8240	5	<5	<5	<5	<5	<5
Total Xylene	8240	5	10*	10*	10*	10*	10*
Chloroethane	8240	50	10*	10*	10*	10*	10*
Acetone	8240	50	50*	50*	50*	50*	50*
2- Butanone	8240	50	50*	50*	50*	50*	50*
4-Methyl-2-Pentanone	8240	50	50*	50*	50*	50*	50*
Styrene	8240	5	<5	<5	<5	<5	<5
1,1,2,2-Tetrachloroethane	8240	5	<5	<5	<5	<5	<5
Naphthalene	8270	10	<5	<5	<5	<5	<5
Benzo(a)Anthracene	8270	.002	<5	<5	<5	<5	<5
Benzo(a)Pyrene	8270	.002	<5	<5	<5	<5	<5
Floranthene	8270	50	<5	<5	<5	<5	<5
Chrysene	8270	.002	<5	<5	<5	<5	<5

NOTES:
* All value are less than stated value
** TCLP Extraction Guidance Value for Gasoline Contaminated Soil as specified in the STARS Memo #1 prepared by the NYSDEC.

Printed on recycled paper to help protect the environment



Well No. MW-1

Boring No. X-Ref: "

MONITOR WELL CONSTRUCTION SUMMARY

Survey Coords: _____ Elevation Ground Level _____

Top of Casing (PVC)

Drilling Summary:

Total Depth 18.0 ft.
Borehole Diameter 10.0 in.
Casing Stick-up Height: (PVC): 2.6 ft.
Driller B. Lambert (MSTD Services)
Niagara Falls, New York
Rig Mobile Drill: B-57
Bit(s) Auger bit w/ plug
Drilling Fluid N/A
Protective Casing 6" x 7' Steel: Set @ 4.0ft.

Construction Time Log:

Task	Start Date	Start Time	Finish Date	Finish Time
Drilling	10/27/94	1000	10/27/94	11:00
Geophys. Logging:	—	—	—	—
Casing: Well Installation	10/27/94	1100	10/27/94	1120
Filter Placement:	10/27/94	1120	10/27/94	1140
Cementing:	10/27/94	1140	10/27/94	1150
Development:	10/31/94	1030	10/31/94	1445

Well Design & Specifications

Basis: Geologic Log X Geophysical Log ___
Casing String (s): C = Casing S = Screen.

Depth	String(s)	Elevation
+2.6' - 7.4'	C	—
7.4' - 17.4'	S	—
—	—	—
—	—	—
—	—	—

Casing: C1 2" PVC - Flush thread
C2 —
Screen: S1 2" PVC (10 slot) - Flush thread
S2 —
Filter Pack: #3 Morie
5.5 - 18.0 ft. BGS
Grout Seal: Portland Cement/Bentonite
Surface to 4.0 ft. BGS
Bentonite Seal: Medium Bentonite Chips
(Hydrated above water table)
4.0 - 5.5 ft. BGS

Well Development:

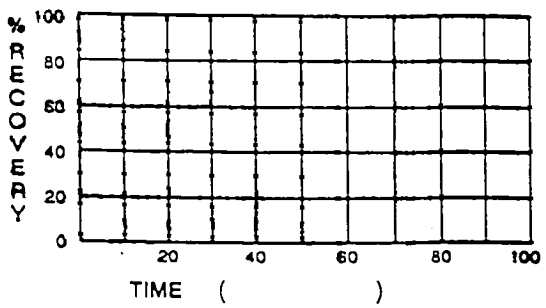
Well Volume = 1.4 gallons. 10/31/94
Well purged of ~10 well volumes.
Water contained on site in 55 gal drum

Stabilization Test Data: N/A

Time	pH	Spec. Cond.	Temp. (C)

Recovery Data: N/A

Q= S_o=



Comments: Well was sampled with dedicated bailer on 11/2/94 for TCL Organics (8240, 8270, 8080) and TAL Inorganics (TCN, metals). Samples submitted to Lozier Labs, 909 Culver Rd., Rochester, NY.

SITE NAME WMNY LOCATION 191 Ganson St., Buffalo, NY
WC 10165
SUPERVISED BY Scott M. Cady DATE 10/27/94

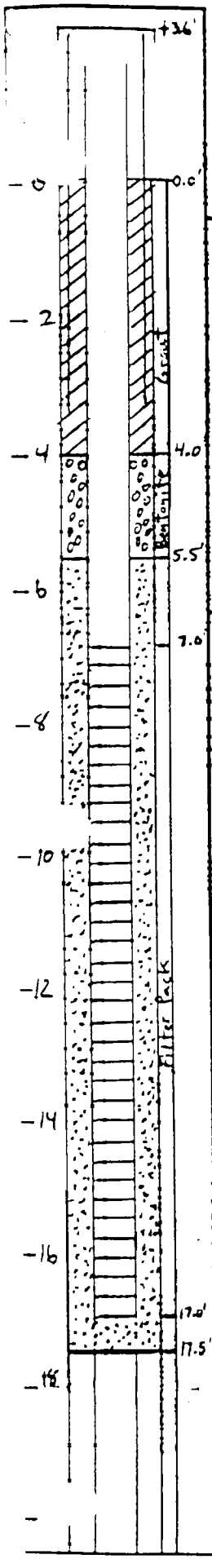
Well No. MW-2

Boring No. X-Ref: "

MONITOR WELL CONSTRUCTION SUMMARY

Survey Coords: _____ Elevation Ground Level _____

Top of Casing (PVC)



Drilling Summary:

Total Depth 17.5 ft.
Borehole Diameter 10.0 in.
Casing Stick-up Height: (PVC) = 3.6 ft.
Driller B. Lambert (MSTD Services)
Niagara Falls, New York
Rig Mobile Drill: B-57
Bit(s) Auger bit w/ plug
Drilling Fluid N/A
Protective Casing 6" x 7' Steel: Set @ 3.4 ft.

Construction Time Log:

Task	Start Date	Start Time	Finish Date	Finish Time
Drilling	10/27/94	1330	10/27/94	1430
Geophys. Logging:	—	—	—	—
Casing:	10/27/94	1430	10/27/94	1435
Well Installation				
Filter Placement:	10/27/94	1435	10/27/94	1445
Cementing:	10/27/94	1445	10/27/94	1515
Development:	10/31/94	1645	10/31/94	1505

Well Design & Specifications

Basis: Geologic Log X Geophysical Log ___

Casing String (s): C = Casing S = Screen.

Depth	String(s)	Elevation
+3.6' - 7.0'	C	—
7.0' - 17.0'	S	—
—	—	—
—	—	—
—	—	—

Casing: C1 2" PVC - Flush thread

C2 —

Screen: S1 2" PVC (10 slot) - Flush thread

S2 —

Filter Pack: #3 Morie
5.5 - 17.5 ft. BGS

Grout Seal: Portland Cement / Bentonite
Surface to 4.0 ft. BGS

Bentonite Seal: Medium Bentonite Chips (Hydrated above water table)
4.0 - 5.5 ft. BGS

Well Development:

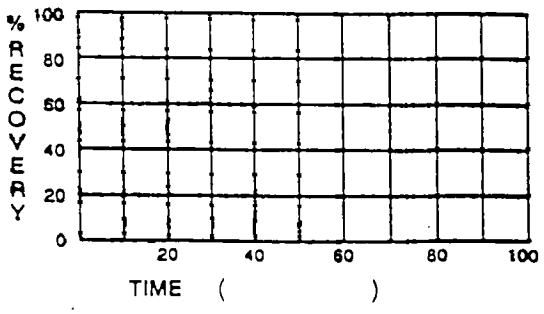
Well Volume = 1.1 gallons. 10/31/94
Well purged of 10 well volumes.
Water contained on site in 55 gal drum

Stabilization Test Data: N/A

Time	pH	Spec. Cond.	Temp (°C)

Recovery Data: N/A

Q= S_o=

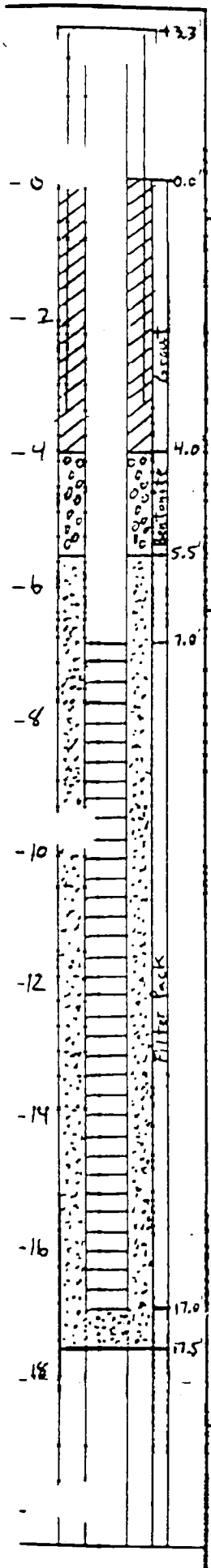


Comments: Well was sampled with dedicated bailer on 11/2/94 for TCL Organics (8240, 8270, 8080) and TAL Inorganics (TCN, metals). Samples submitted to Lozier Labs, 909 Culver Rd., Rochester, NY.

SITE NAME WMNY LOCATION 191 Ganson St., Buffalo, NY

WC 10165

SUPERVISED BY Scott M. Cody DATE 10/27/94



Well No. MW-3

Boring No. X-Ref: "

MONITOR WELL CONSTRUCTION SUMMARY

Survey Coords: _____ Elevation Ground Level _____

Top of Casing (PVC)

Drilling Summary:

Total Depth 17.5 ft.
Borehole Diameter 10.0 in.
Casing Stick-up Height: (PVC) : 2.9 ft.
Driller B. Lambert (MSTD Services)
Niagara Falls, New York
Rig Mobile Drill: B-57
Bit(s) Auger bit w/ plug
Drilling Fluid N/A
Protective Casing 6" x 7' Steel: Set @ 3.7 ft.

Construction Time Log:

Task	Start Date	Start Time	Finish Date	Finish Time
Drilling	10/27/94	1600	10/28/94	0800
Geophys. Logging:	—	—	—	—
Casing:				
Well Installation	10/28/94	0930	10/28/94	0805
Filter Placement:	10/28/94	0805	10/28/94	0920
Cementing:	10/28/94	0920	10/28/94	0850
Development:	10/31/94	1105	10/31/94	1545

Well Design & Specifications

Basis: Geologic Log X Geophysical Log ___
Casing String (s): C = Casing S = Screen.

Depth	String(s)	Elevation
+3.0' - 7.0'	C	___ - ___
7.0' - 17.0'	S	___ - ___
___ - ___	___	___ - ___
___ - ___	___	___ - ___
___ - ___	___	___ - ___

Casing: C1 2" PVC - Flush thread
C2 —
Screen: S1 2" PVC (10 slot) - Flush thread
S2 —
Filter Pack: #3 Morie
5.5 - 17.5 ft. BGS
Grout Seal: Portland Cement/Bentonite
Surface to 4.0 ft. BGS
Bentonite Seal: Medium Bentonite Chips
(hydrated above water table)
4.0 - 5.5 ft. BGS

Well Development:

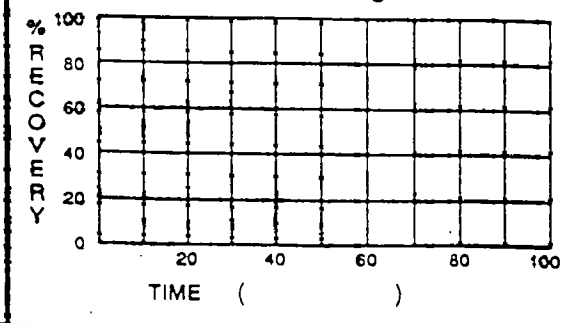
Well Volume = 1.3 gallons. 10/31/94
Well purged of 10 well volumes.
Water contained on site in 55 gal drum

Stabilization Test Data: N/A

Time	pH	Spec. Cond.	Temp (C)

Recovery Data: N/A

Q= S_o=



Comments: Well was sampled with dedicated bailer on 11/2/94 for TCL Organics (8240, 8270, 8080) and TAL Inorganics (TCN, metals). Samples submitted to Lozier Labs, 909 Culver Rd., Rochester, N.Y.

SITE NAME WMNY LOCATION 191 Ganson St., Buffalo, NY WC 10165

SUPERVISED BY Scott M. Cady DATE 10/28/94

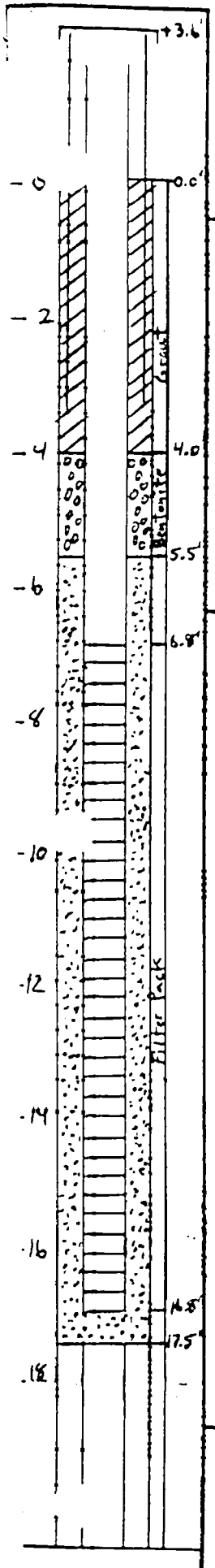
Well No. MW-4

Boring No. X-Ref: "

MONITOR WELL CONSTRUCTION SUMMARY

Survey Coords: _____ Elevation Ground Level _____

Top of Casing (PVC)



Drilling Summary:

Total Depth 17.5 ft.
Borehole Diameter 10.0 in.
Casing Stick-up Height: (PVC): 3.2 ft.
Driller B. Lambert (MSTD Services)
Niagara Falls, New York

Rig Mobile Drill: B-57
Bit(s) Auger bit w/ plug

Drilling Fluid N/A

Protective Casing 6" x 7' Steel: Set @ 3.4'

Construction Time Log:

Task	Start Date	Start Time	Finish Date	Finish Time
Drilling	10/28/94	0945	10/28/94	1215
Geophys. Logging:	—	—	—	—
Casing:				
Well Installation	10/28/94	1215	10/28/94	1220
Filter Placement:	10/28/94	1220	10/28/94	1235
Cementing:	10/28/94	1235	10/28/94	1300
Development:	10/31/94	1110	10/31/94	1630

Well Design & Specifications

Basis: Geologic Log X Geophysical Log ___
Casing String (s): C = Casing S = Screen.

Depth	String(s)	Elevation
+3.2' - 6.8'	C	—
6.8' - 14.8'	S	—
—	—	—
—	—	—
—	—	—

Casing: C1 2" PVC - Flush thread
C2 —

Screen: S1 2" PVC (10 slot) - Flush thread
S2 —

Filter Pack: #3 Morie
5.5 - 17.5 ft. BGS

Grout Seal: Portland Cement / Bentonite
Surface to 4.0 ft. BGS

Bentonite Seal: Medium Bentonite Chips (hydrated above water table)
4.0 - 5.5 ft. BGS

Well Development:

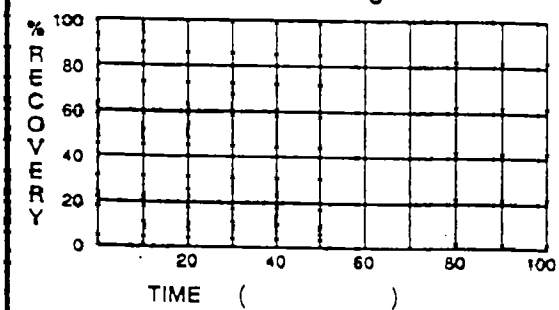
Well Volume = 1.6 gallons. 10/31/94
Well purged of 10 well volumes;
Water contained on site in 55 gal drum

Stabilization Test Data: N/A

Time	pH	Spec. Cond.	Temp (C)

Recovery Data: N/A

Q= S_o=



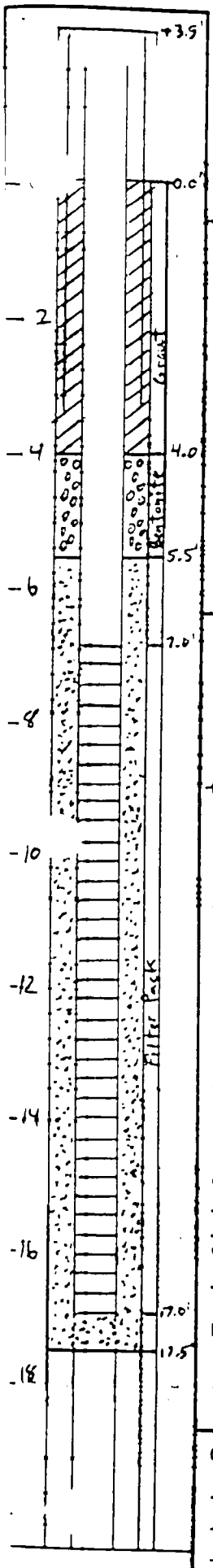
Comments: Well was sampled with dedicated bailer on 11/2/94 for TCL Organics (8240, 8270, 8080) and TAL Inorganics (TCN, metals). Samples submitted to Lozier Labs, 909 Culver Rd., Rochester, NY.

SITE NAME WMNY LOCATION 191 Genesee St., Buffalo, NY

WC 10165

SUPERVISED BY Scott M. Cady DATE 10/28/94

Printed on recycled paper



Well No. MW-5

Boring No. X-Ref: "

MONITOR WELL CONSTRUCTION SUMMARY

Survey Coords: _____ Elevation Ground Level _____

Top of Casing (PVC)

Drilling Summary:

Total Depth 17.5 ft.
Borehole Diameter 10.0 in.
Casing Stick-up Height: (PVC) : 3.0 ft.
Driller B. Lambert (MSTD Services)
Niagara Falls, New York
Rig Mobile Drill: B-57
Bit(s) Auger bit w/ plug
Drilling Fluid N/A
Protective Casing 6" x 7' Steel: Set @ 3.5 ft.

Construction Time Log:

Task	Start Date	Start Time	Finish Date	Finish Time
Drilling	10/28/94	1340	10/28/94	1430
Geophys. Logging:	—	—	—	—
Casing:				
Well Installation	10/28/94	1430	10/28/94	1435
Filter Placement:	10/28/94	1435	10/28/94	1455
Cementing:	10/28/94	1455	10/28/94	1515
Development:	10/31/94	1055	10/31/94	1700

Well Design & Specifications

Basis: Geologic Log X Geophysical Log ___
Casing String (s): C = Casing S = Screen.

Depth		String(s)	Elevation
+3.0'	7.0'	C	
7.0'	17.0'	S	

Casing: C1 2" PVC - Flush thread
C2 —
Screen: S1 2" PVC (10 slot) - Flush thread
S2 —
Filter Pack: #3 Marie
5.5 - 17.5 ft. BGS
Grout Seal: Portland Cement / Bentonite
Surface to 4.0 ft. BGS
Bentonite Seal: Medium Bentonite Chips
(Hydrated above water table)
4.0 - 5.5 ft. BGS

Well Development:

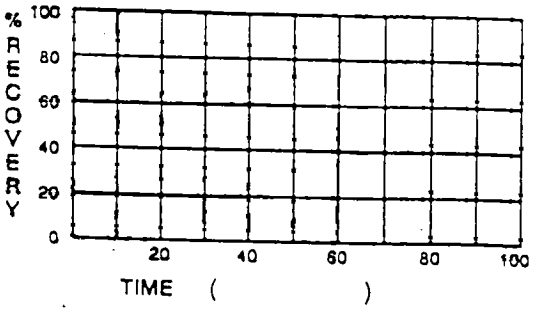
Well Volume = 1.2 gallons. 10/31/94
Well purged of 10 well volumes.
Water contained on site in 55 gal drum

Stabilization Test Data: N/A

Time	pH	Spec. Cond.	Temp. (C)

Recovery Data: N/A

Q= S_o=



Comments:

Well was sampled with dedicated bailer on 11/2/94 for TCL Organics (8240, 8270, 8080) and TAL Inorganics (TCN, metals). Samples submitted to Lozier Labs, 909 Culver Rd., Rochester, N.Y.

SITE NAME WMNY LOCATION 191 Ganson St., Buffalo, NY
WC 10165
SUPERVISED BY Scott M. Cady DATE 10/28/94

FIELD LOG – SOIL BOREHOLE

SITE NAME AND LOCATION: WMNY - 191 Gunson St. Buffalo, New York

Western property line near entrance along chain link fence.

DATUM: ELEVATION:

DRILL RIG: Mobile Drill: B-57

ANGLE: — BEARING: —

SAMPLE HAMMER TORQUE: N/A FT.-LBS

DRILLING METHOD: 4¼" I.D. Hollow-stem augers

SAMPLING METHOD: Continuous Split-spoon samples ASTM: D-1586

WATER LEVEL	8.10'	8.37'	7.71'	
TIME	1100	1030	1050	
DATE	10/27/94	10/21/94	11/2/94	
CASING DEPTH	—	—	—	

BORING NO.: MW-1

SHEET: 1 OF 1

DRILLING: START TIME 1000 DATE 10/27/94; FINISH TIME 1100 DATE 10/27/94

SURFACE CONDITIONS: Generally crushed stone / fill material in parking and / or storage areas

DRILLING CONTR. MSTD Services Niagara Falls, New York

FS 21478

DEPTH IN FEET (ELEVATION)	BLOWS/6 IN ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	SAMPLER AND BIT	CASING TYPE	BLOWS/FOOT ON CASING	DEPTH IN FEET FROM	DEPTH IN FEET TO	DESCRIPTION OF OPERATION AND REMARKS
2	5-4 4-4 (1.1')		1 Dk brn-blk FILL, f-m GRAVEL (slag) and f-c SAND, loose, damp.	N/A	N/A	N/A	0	2'	Note: Headspace readings (HNu-101) performed on all recovered samples (0 ppm for all)
4	2-2 2-6 (0.8')	3.5'	2 Same, some cinders and brick, damp brn wet ~3.5' (No Recovery S-3), spoon saturated.				2	4'	
6	9-6 5-6 (NA)		3 Med brn, mottled org brn Clayey SILT, little f Sand, damp, mod compact, grdg to silty fine SAND @ 7.0'				4	6'	
8	2-3 3-3 (1.7')	7.0'	4 Med brn silty f SAND, some med grey rust mottling, mod compact, saturated slight increase silt w/ depth.				6	8'	
10	2-1 2-2 (1.4')		5 Med brn, silty VF-F SAND, saturated, Same to 13.2'				8	10'	
12	1-2 1-2 (1.9')		6 Med brn clayey SILT, organic-rich, damp-moist, mod compact, abnt wood fragments (natural).				10	12'	
14	2-2 2-2 (2.0')	13.2' 12.8'	7 Med-dk grey Silty CLAY, moist, mod. plastic				12	14'	
16	2-2 6-6 (1.5')	14.9'	8 Med brn, occ org brn mottling silty fine SAND, loose-sl compact, saturated slight increase in grain size w/depth f gravel/c Sand lense 14.7-16.9', silty clay lense 16.9-17.1'				14	16'	Boring terminated @ 18.0' Augered to 18.0' Set 2" x 10' PVC screen (10 slot) @ 17.5' (See Monitoring Construction Summary)
18	1-2 3-4 (1.9')	17.6'	9 Red brn CLAY, some silt, damp, mod stiff, mod plastic.				16	18'	
20									

LOGGED BY Scott M. Cody DATE 10/27/94 CHK'D BY

FIELD LOG – SOIL BORE HOLE

SITE NAME AND LOCATION: WMNY - 191 Ganson St. Buffalo, New York

Western property line (along Ganson St.) near south west corner of property.

DATUM: — ELEVATION: —

DRILL RIG: Mobile Drill: B-57

ANGLE: — BEARING: —

SAMPLE HAMMER TORQUE: N/A FT.-LBS

DRILLING METHOD: 4¼" I.D. Hollow-stem augers

SAMPLING METHOD: Continuous Split-spoon samples

ASTM: D-1586

BORING NO.: MW-2

SHEET: 1 OF 1

				DRILLING START	DRILLING FINISH
WATER LEVEL (STOL-PVC)	11.0'	10.34'	10.13'		
TIME	1430	1045	1123	TIME 1330	TIME 1430
DATE	10/27/94	10/31/94	11/2/94	DATE 10/27/94	DATE 10/27/94
CASING DEPTH	—	—	—		

SURFACE CONDITIONS: Generally crushed stone / fill material in parking and/or storage areas

DRILLING CONTR: MSTD Services, Niagara Falls, New York

FS 21478

DEPTH IN FEET (ELEVATION)	BLOWS/6 IN ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	SAMPLER AND BIT	CASING TYPE	BLOWS/FOOT ON CASING	DEPTH IN FEET FROM	DEPTH IN FEET TO	DESCRIPTION OF OPERATION AND REMARKS
2	10-9 10-11 (0.2')		1 Med-dk brn f GRAVEL and f-c SAND, little Silt + Clay, loose, damp. (No Recovery: S-2), spoon dry.				0	2'	Note: Headspace readings (HNu-101) performed on all recovered samples (0 ppm for all).
	16-10 10-8 (NR)	~3.5'	2 Med-dk brn / grey brn w/ org brn mottling clayey SILT, organic-rich, mod compact, damp.				2	4'	
4	9-6 7-7 (1.0')		3 Some grdy to silty Fine sand 6.3'				4	6'	
6	7-7 8-7 (1.4')	6.3'	4 Med brn / grey brn, org brn mottling silty f SAND, mod compact, damp-moist.				6	8'	
8	2-2 2-3 (1.8')		5 Some to 10.8', wet-saturated, w/ thin Silty Clay seams.				8	10'	
10	2-1 2-2 (2.0')	10.8' 11.4'	6 Med-dk grey brn Clayey SILT, organic-rich, damp, mod-sl compact				10	12'	
12	2-1 2-2 (1.8')		7 Med-dk grey Silty CLAY, damp, mod plastic w/ thin Silty f Sand seams, mod compact, wet, occ organic-rich, occ olive green.				12	14'	
14	3-3 3-3 (1.0')	14.5'	8 Olive green Silty f-m SAND, little f Gravel, mod-sl compact, saturated				14	16'	Sampled to 18.0' Augered to 17.5' Set 2" x 10' Screen (10 slot) at 17.0' (See Monitor Well Construction Summary)
16	1-3 5-6 (2.0')	17.5'	9 Same, decrease f Gravel, saturated				16	18'	
18			Red brn Silty CLAY, plastic, moist						
20									

LOGGED BY: Scott M. Cody

DATE: 10/27/94 CHK'D BY: ____

© material in this document is protected

FIELD LOG – SOIL BOREHOLE

SITE NAME AND LOCATION: WMNY - 191 Ganson St. Buffalo, New York

Along northern property line north of office and maintenance building.

DATUM: ELEVATION:

DRILL RIG: Mobile Drill: B-57

ANGLE: — BEARING: —

SAMPLE HAMMER TORQUE: N/A FT.-LBS

DRILLING METHOD: 4¼" I.D. Hollow-stem augers

SAMPLING METHOD: Continuous Split-spoon samples ASTM: D-1586

BORING NO.: MW-3

SHEET: 1 OF 1

(PVC) WATER LEVEL	11.55'	8.97'	8.77'
TIME	0800	1105	1230
DATE	10/26/94	10/31/94	11/2/94
CASING DEPTH	—	—	—

DRILLING START: TIME 1600, DATE 10/27/94

DRILLING FINISH: TIME 0800, DATE 10/28/94

SURFACE CONDITIONS: Generally crushed stone / fill material in parking and/or storage areas

DRILLING CONTR: MSTD Services, Niagara Falls, New York

FS 214478

DEPTH IN FEET (ELEVATION)	BLOWS/6 IN ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	SAMPLER AND BIT	CASING TYPE	BLOWS/FOOT ON CASING	DEPTH IN FEET FROM	DEPTH IN FEET TO	DESCRIPTION OF OPERATION AND REMARKS
2	7-10 9-10 (1.5')	2.5'	1 Blk-dk brn Fill, cinders, slag, tr brick, loose - sl compct, mst.				0	2'	Note: Headspace readings (HNu-10.1) performed on all recovered samples (0 ppm on all).
			Same to 2.5'						
4	5-6 5-6 (1.8')		2 Med brn - red brn, occ orng brn mottling, mod plastic, damp - moist. Silty clay				2	4'	
	5-4 5-6 (1.7')		3 Same, some olive green w/ thin (<½") fine sand seams.				4	6'	
6	6-5	6.5'	Same to 6.5'						
	1-4 1-0'		4 Med-dk brn, clayey SILT, organic-rich, loose, wet, w/ occ v thin (<1") fine sand seams.				6	8'	
8	2-3 4-5 (1.7')	8.5'	5 Med-dk grey w/ olive green & orng brn mottling silty CLAY, mod stiff, mst, organic-rich, w/ occ thin f sand seams, moist-wet.				8	10'	
10	2-2 2-2 (1.9')	11.5'	6				10	12'	
12	2-3 2-3 (1.8')		7 Grades to grey brn / olive green silty f SAND, mod compct, saturated				12	14'	
14	1-4 6-8 (1.6')		8 Interbedded/interlaminated olive green, grey brn w/ orng brn mottling silty CLAY and silty f SAND, moist, saturated in sand lenses.				14	16'	
16	7-8 7-8 (2.0')	17.7'	9				16	18'	Sampled to 18.0' Augered to 17.5' 2" x 10' screen (10 slot) set @ 17.2'
18			Red brn w/ med grey mottling silty CLAY, mod stiff, mod plastic, moist (spoon saturated).						
20									

LOGGED BY Scott M. Cody

DATE 10/27-10/28/94 CHK'D BY

FIELD LOG – SOIL BOREHOLE

SITE NAME AND LOCATION: WMNY - 191 Ganson St. Buffalo, New York

Northeast corner of property.

DRILLING METHOD: 4¼" I.D. Hollow-stem augers

SAMPLING METHOD: Continuous Split-spoon samples ASTM: D-1586

BORING NO.: MW-4

SHEET: 1 OF 1

				DRILLING START	DRILLING FINISH
WATER LEVEL	11.22	6.94'	6.08'		
TIME	1215	1110	1330	0945	1215
DATE	10/28/94	10/31/94	11/2/94	10/28/94	10/28/94
CASING DEPTH	–	–	–		

DATUM: ELEVATION:

DRILL RIG: Mobile Drill: B-57

ANGLE: – BEARING: –

SAMPLE HAMMER TORQUE: N/A FT.-LBS

SURFACE CONDITIONS: Generally crushed stone / fill material in parking and/or storage areas

DRILLING CONTR: MSTD Services, Niagara Falls, New York

DEPTH IN FEET (ELEVATION)	BLOWS/6 IN ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	BLOWS/FOOT ON CASING	DEPTH IN FEET FROM	DEPTH IN FEET TO	DESCRIPTION OF OPERATION AND REMARKS
2	10-6 6-5 (1.4')	2.4'	1 Med-dk brn FILL, f-m GRAVEL (cinders / slag), wood, to brick lose, damp, becm wet @ 2.4'		0	2'	Note: Head space readings (HNu-10) performed on all recovered samples (0 ppm on all).
4	6-5 3-3 (1.7')	4.5'	2 Red brn w/ grey, org brn mottling clayey SILT, w/ thin silty f sand seams, mod stiff, damp.		2	4'	
6	3-3 3-3 (1.1')		3 Grades to grey brn / olive green silty CLAY, mod plastic, moist w/ v thin seams / lenses silty f sand.		4	6'	
8	2-3 3-6 (2.0')	9.0'	4 Some to 9.0', brn wet.		6	8'	
10	3-3 4-4 (1.5')		5 Grades to olive green / grey silty f SAND, some clay, moist-wet mod compct.		8	10'	
12	3-2 3-4 (2.0')		6 Some, sl incr sand, wet-saturated		10	12'	
14	2-2 2-3 (2.0')	13.5'	7 Grades to silty clay w/ thin f sand.		12	14'	
16	4-3 5-8 (2.0')	14.9'	8 Dk grey brn clayey SILT, organic-rich, mod compct, wet 14.2'-14.5' steel grey silty CLAY. 14.5'-14.9' steel grey silty f-m sand, loose, saturated.		14	16'	Sampled to 18.0' Augered to 17.5' Set 2" x 10' Screen (10 slot) @ 16.8' (See Monitor Well Construction Summary)
18	10-16 27-26 (1.7')		9 Red brn silty clay w/ grey f sand fracture Fill / seams, mod plastic, moist.		16	18'	
20							

LOGGED BY Scott M. Cody DATE 10/28/94 CHK'D BY

FS 21478

FIELD LOG – SOIL BORE HOLE

SITE NAME AND LOCATION: WMNY - 191 Ganson St. Buffalo, New York

Along chainlink fence on eastern property line due east of entrance.

DATUM: ELEVATION:

DRILL RIG: Mobile Drill: B-57

ANGLE: — BEARING: —

SAMPLE HAMMER TORQUE: N/A FT.-LBS

DRILLING METHOD: 4¼" I.D. Hollow-stem augers

SAMPLING METHOD: Continuous Split-spoon samples

ASTM: D-1586

WATER LEVEL	10.48'	9.24	8.98'
TIME	1340	1055	1400
DATE	10/28/94	10/31/94	11/2/94
CASING DEPTH	—	—	—

BORING NO.: MW-5

SHEET: 1 OF 1

DRILLING START: TIME 1340 DATE 10/28/94

DRILLING FINISH: TIME 1430 DATE 10/28/94

SURFACE CONDITIONS: Generally crushed stone / fill material in parking and/or storage areas

DRILLING CONTR: MSTD Services, Niagara Falls, New York

FS 21478

DEPTH IN FEET (ELEVATION)	BLOWS/6 IN ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	BAMPLER AND BIT	CASING TYPE	BLOWS/FOOT ON CASING	DEPTH IN FEET FROM	DEPTH IN FEET TO	DESCRIPTION OF OPERATION AND REMARKS
2	10-6 10-20 (1.4')		1 Med - dk brn FILL, cinders, slag, chert fragments, some brick, trace asphalt w/ clayey silt matrix, dry - sl damp				0	2'	Note: Headspace readings (HNu-10) performed on all recovered samples (0 ppm on all).
4	7-5 5-4 (1.4')		2				2	4'	
	5-4 5-4 (2.0')	5.5'	3 3.0-4.5': olive green w/ org brn mottling clayey SILT, little F Sand, mod compact, damp - moist.				4	6'	
6	3-3	6.6'	Dk grey organic-rich clayey SILT little F Gravel, wood, moist.				6	8'	
	4-4 (1.7')	7.5'	4 Olive green w/ blk and org brn mottling, SILT, CLAY, plastic, moist, grading to olive green Silty F SAND, w/ thin clayey silt/silt, clay seams, mod compact, moist.				8	10'	
8	6-5 4-5 (1.5')		5				10	12'	
10	3-3 3-3 (1.5')		6 Same, sl increase f sand, occ thin f-g silty sand lenses saturated.				12	14'	
12	3-2	13.0'	7				14	16'	Sampled to 18.0'
	2-3 (2.0')		Dk grey brn - blk organic-rich clayey SILT, tr f gravel, wood, mod compact, damp - moist.						Augered to 17.5'
14	3-4	15.0'	8						Set 2" x 10' Screen (10 slot) @ 17.0'
	3-4 (2.0')		Grey brn f-m SAND, some silty clay, mod compact, wet - saturated slight incr Sand w/ depth.				16	18'	(See Monitor Well Construction Summary)
16	3-3 7-6 (2.0')	17.2'	9						
18			Rdbrn and mod grey brn (Laminated) Silty CLAY, mod stiff, mod plastic, damp						
20									

LOGGED BY: Scott M. Cody

DATE: 10/28/94

CHK'D BY:

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : AFI ENVIRONMENTAL
6101 ROBINSON RD
LOCKPORT, NY 14094

DATE REC'D. : 12/06/94
LABORATORY NO. : 94116329
REPORT DATE : 12/09/94

ATTN : BILL HEITZENRATER

RE : WMNY, GANSON ST., BUFFALO, NY

SAMPLE INFORMATION

SAMPLE DATE : 12/06/94
SAMPLE TIME : 12:20-12:47 PM
NUMBER OF SAMPLES : 3

LOCATION : SEE REFERENCE
TYPE OF SAMPLE: SOILS/SLUDGE
SAMPLER : LOZIER LABS

PESTICIDES

PARAMETER	WET WT	DRY WT	WET WT	DRY WT	WET WT	DRY WT	UNITS
	LOCATION #10		LOCATION #9		LOCATION #14		
ALPHA-ENDOSULFAN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
BETA-ENDOSULFAN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ENDOSULFAN SULFATE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ALPHA-BHC	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
BETA-BHC	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
DELTA-BHC	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
GAMMA-BHC	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ALDRIN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
DIELDRIN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
4,4-DDE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
4,4-DDD	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
4,4-DDT	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ENDRIN	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
ENDRIN ALDEHYDE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
HEPTACHLOR	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
HEPTACHLOR EPOXIDE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
CHLORDANE	<0.05	<0.06	<0.05	<0.06	<0.05	<0.08	mg/kg
TOXAPHENE	<0.5	<0.6	<0.5	<0.6	<0.5	<0.8	mg/kg
METHOXYCHLOR	<0.10	<0.1	<0.10	<0.1	<0.10	<0.1	mg/kg
% SURROGATE RECOVERIES:	116	--	132	--	336*	--	%

Analysis performed by EPA Method 8080 Organochlorine Pesticides and PCB's on 11/29/94 and extracted on 12/08/94.

*High % recovery due to matrix pattern interference (acceptable range: 34-183%).

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94126329

POLYCHLORINATED BIPHENYLS

PARAMETER	WET WT LOCATION #10	DRY WT LOCATION #10	WET WT LOCATION #9	DRY WT * LOCATION #9	WET WT LOCATION #14	DRY WT LOCATION #14	UNITS
PCB-1221	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB 1232	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1016	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1242	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1248	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1254	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1260	0.22	0.25	5.6	6.7	0.22	0.34	mg/kg
PCB-1262	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
PCB-1268	<0.033	<0.037	<0.033	<0.040	<0.033	<0.051	mg/kg
TOTAL PCB's	0.22	0.25	5.6	6.7	0.22	0.34	mg/kg
**% SOLIDS	89.1	--	83.4	--	63.9	--	%
% SURROGATE RECOVERIES:	116	--	132	--	336*	--	%

Analysis performed by EPA Method 8080 Organochlorine Pesticides and PCB's on 11/29/94 and extracted on 12/08/94.

*High % recovery due to matrix pattern interference (acceptable range: 34-183%).

**Percent Solids analysis performed by EPA Method 160.3 on 12/09/94.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94126329

EPA METHOD 8270 SEMIVOLATILES (ACIDS/BASE NEUTRALS)
MATRIX : SOLID

PARAMETER	WET WT	DRY WT	WET WT	DRY WT	WET WT	DRY WT	METHOD
	LOCATION #10		LOCATION #9		LOCATION #14		BLANK
ACENAPHTHENE	<620	<700	<620	<720	<1,200	<1,900	<330
ACENAPTHYLENE	<620	<700	<620	<720	<1,200	<1,900	<330
ANTHRACENE	760	850	<620	<720	<1,200	<1,900	<330
BENZIDINE	<1,300	<1,500	<1,300	<1,600	<2,500	<3,900	<660
BENZO(a)ANTHRACENE	2,600	2,900	<620	<700	<1,200	<1,900	<330
BENZO(a)PYRENE	2,400	2,700	<620	<700	<1,200	<1,900	<330
BENZO(b)FLUORANTHENE	2,800	3,000	<620	<700	<1,200	<1,900	<330
BENZO(ghi)PERYLENE	2,000	2,200	630	800	<1,200	<1,900	<330
BENZO(k)FLUORANTHENE	1,800	2,000	<620	<700	<1,200	<1,900	<330
BENZOIC ACID	<1,300	<1,500	<1,300	<1,600	<2,500	<3,900	<660
BENZYL ALCOHOL	<1,300	<1,500	<1,300	<1,600	<2,500	<3,900	<660
BENYL BUTYL PHTHALATE	<620	<700	<620	<700	<1,200	<1,900	<330
BIS(2-CHLOROETHOXY)METHANE	<620	<700	<620	<700	<1,200	<1,900	<330
BIS(2-CHLOROETHYL)ETHER	<620	<700	<620	<700	<1,200	<1,900	<330
BIS(2-CHLOROISOPROPYL)ETHER	<620	<700	<620	<700	<1,200	<1,900	<330
BIS(2-ETHYLHEXYL)PHTHALATE	700	800	990	1,200	32,000	50,000	<330
4-BROMOPHENYLPHENYL ETHER	<620	<700	<620	<700	<1,200	<1,900	<330
4-CHLORO-3-METHYLPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
4-CHLOROANILINE	<620	<700	<620	<700	<1,200	<1,900	<330
2-CHLORONAPHTHALENE	<620	<700	<620	<700	<1,200	<1,900	<330
2-CHLOROPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
4-CHLOROPHENYL PHENYL ETHER	<620	<700	<620	<700	<1,200	<1,900	<330
CHRYSENE	2,200	2,500	<620	<700	<1,200	<1,900	<330
DIBENZO(a,h)ANTHRACNE	900	1,000	<620	<700	<1,200	<1,900	<330
DIBENZOFURAN	<620	<700	<620	<700	<1,200	<1,900	<330
1,2-DICHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
1,3-DICHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
1,4-DICHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
3,3'-DICHLOROBENZIDINE	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
DIETHYL PHTHALATE	<620	<700	<620	<700	<1,200	<1,900	<330
2,4-DICHLOROPHENOL	<620	<700	<1,200	<1,400	<1,200	<1,900	<330
DIMETHYL PHTHALATE	<620	<700	<1,200	<1,400	<1,200	<1,900	<330
DI-N-BUTYL PHTHALATE	6,000	6,700	2,700	3,000	<1,200	<1,900	1,400
DI-N-OCTYL PHTHALATE	<620	<700	<620	<700	<1,200	<1,900	<330
2,4-DINITROTOLUENE	<620	<700	<620	<700	<1,200	<1,900	<330
2,6-DINITROTOLUENE	<620	<700	<620	<700	<1,200	<1,900	<330
FLUORANTHENE	3,200	3,600	<620	<700	12,000	19,000	<330
FLOURENE	<620	<700	<620	<700	<1,200	<1,900	<330

Analysis performed by EPA Method 8270 Solid Waste on 12/08/94 and extracted on 12/07/94.
Results expressed in ug/kg.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFEIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94126329

EPA METHOD 8270 SEMIVOLATILES (ACIDS/BASE NEUTRALS)
MATRIX : SOLID

PARAMETER	WET WT	DRY WT	WET WT	DRY WT	WET WT	DRY WT	METHOD
	LOCATION #10		LOCATION #9		LOCATION #14		BLANK
HEXACHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
HEXACHLOROBUTADIENE	<620	<700	<620	<700	<1,200	<1,900	<330
HEXACHLOROCYCLOPENTADIENE	<620	<700	<620	<700	<1,200	<1,900	<330
HEXACHLOROETHANE	<620	<700	<620	<700	<1,200	<1,900	<330
INDENO-(1,2,3,-c,d)PYRENE	1,700	1,900	<620	<700	<1,200	<1,900	<330
ISOPHORONE	<620	<700	<620	<700	<1,200	<1,900	<330
2-METHYL-4,6-DINITROPHENOL	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
2-METHYLNAPTHALENE	<620	<700	630	800	<1,200	<1,900	<330
2-METHYLPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
4-METHYLPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
NAPHTHALENE	<620	<700	<620	<700	<1,200	<1,900	<330
2-NITROANILINE	<620	<700	<620	<700	<1,200	<1,900	<330
3-NITROANILINE	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
4-NITROANILINE	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
NITROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
2-NITROPHENOL	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
4-NITROPHENOL	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
n-NITROSODIMETHYLAMINE	<620	<700	<620	<700	<1,200	<1,900	<330
n-NITROSODI-n-PROPYLAMINE	<620	<700	<620	<700	<1,200	<1,900	<330
n-NITROSODIPHENYLAMINE	<620	<700	<620	<700	<1,200	<1,900	<330
PENTCHLOROPHENOL	<1,200	<1,300	<1,200	<1,400	<2,500	<3,900	<660
PHENANTHRENE	3,000	3,400	690	800	15,000	23,000	<330
PHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
PYRENE	4,600	5,000	930	1,000	16,000	25,000	<330
1,2,4-TRICHLOROBENZENE	<620	<700	<620	<700	<1,200	<1,900	<330
2,4,5-TRICHLOROPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
2,4,6-TRICHLOROPHENOL	<620	<700	<620	<700	<1,200	<1,900	<330
% SURROGATE RECOVERIES:							
ACID EXTRACTABLE							
2-FLUORPHENOL (25-121)	100	--	94	--	38	--	82
PHENOL-d5 (10-94)	96	--	96	--	31	--	76
2,4,6 TRIBROMOPHENOL(19-122)	99	--	94	--	32	--	78
NITROBENZENE-d5 (23-120)	88	--	88	--	28	--	77
2-FLUOROBIPHENYL (30-115)	100	--	100	--	47	--	82
TERPHENYL-d14 (18-137)	112	--	118	--	51	--	84

Analysis performed by EPA Method 8270 Solid Waste on 12/08/94 and extracted on 12/06/94.
Results expressed in ug/kg.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CASE NARRATIVE
FOR LOZIER LABORATORY REPORT 94116329

PROBLEM TYPE:

H - HOLDING TIME	D - DILUTION
T - TUNE	I - INTERNAL STANDARDS
S - SURROGATES	M - MS/MSD/MSB
B - BLANKS	X - _____
C - CALIBRATION	Y - _____
D - DUPLICATES	Z - _____

PROBLEM	SAMPLE	ANALYST'S COMMENTS
D	1,2,3	The sample extracts were dark brown and viscous. The presence of petroleum hydrocarbons in the analysis precludes lower reporting levels.

NYSDOH LAB ID # 10390
acq

ALAN J. LAPPIN
LABORATORY DIRECTOR

ATTN: BILL HEITZENRATER

LC ?IER LABORATORIES

CHAIN OF CUSTODY RECORD

Client Name: AFI ENVIRONMENTAL

Mailing Address:

Results by FRIDAY 12/9

LABORATORY NO: 6329

Project Name: GRAYSON ST, BUFFALO N.Y. Resamples

SAMPLE IDENTIFICATION	DATE	TIME	LOCATION	SAMPLE TYPE	ANALYSIS: Semi VOA TCL	ANALYSIS: PCB/PEST.	NUMBER OF CONTAINERS	REMARK
Soil-Surface-6" #1	12-6-94	1220	Location #10	Grab Comp.	X	X	1	
Soil Surface-6" #2	"	1257	Location #9	Comp	"	"	1	
Sludge #3	"	1247	Location #14	Comp	"	"	1	

SAMPLED BY: B. Cahill
SIGN

	1	2	3	4
RELINQUISHED BY:	B Cahill SIGN 12-6-94 1445 DATE TIME	SIGN DATE TIME	SIGN DATE TIME	SIGN DATE TIME
RECEIVED BY:	SIGN DATE TIME	SIGN DATE TIME	SIGN DATE TIME	SIGN DATE TIME

METHOD OF SHIPMENT: Hand

B Cahill
SIGN

RECEIVED FOR LABORATORY BY:

SIGN

DATE 12/6/94 2:45

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : AFI ENVIRONMENTAL
6101 ROBINSON RD
LOCKPORT, NY 14094

ATTN : BILL HEITZENRATER

DATE REC'D. : 11/01/94
LABORATORY NO. : 94115635
REPORT DATE : 12/08/94

RE : WMNY, GANSON ST.
BUFFALO, NY

SAMPLE INFORMATION

SAMPLE DATE : 10/31/94
SAMPLE TIME : 3:15-4:00 PM
NUMBER OF SAMPLES : 3

LOCATION : SEE REFERENCE
TYPE OF SAMPLE : SOILS/SLUDGE
SAMPLER : CLIENT

LABORATORY REPORT

PARAMETER	S-1 WET WEIGHT	S-1 DRY WEIGHT	S-2 WET WEIGHT	S-2 DRY WEIGHT	S-3 WET WEIGHT	S-3 DRY WEIGHT	EPA METHOD	DATE ANALYZED
% SOLID (%)	86.8	--	95.4	--	64.1	--	160.3	11/04
TOTAL CYANIDE	1.25	1.44	0.87	0.91	1.53	2.39	9010	11/17
ARSENIC	30.7	35.3	5.31	5.58	2.54	3.96	7060	11/16
BARIUM	304	350	170	179	208	324	7080	11/08
CADMIUM	<2.13	<2.45	<2.23	<2.34	4.63	7.22	7130	11/07
CHROMIUM	31.8	36.6	18.6	19.5	19.9	31.0	7190	11/09
LEAD	342	393	49.1	51.6	83.8	131	7420	11/08
MERCURY	0.11	0.13	0.09	0.09	0.14	0.22	7471	11/10
SELENIUM	<0.41	<0.47	<0.44	<0.46	<0.20	<0.31	7740	11/16
SILVER	<2.07	<2.38	<2.22	<2.33	1.72	2.68	7760	11/09

Results expressed in mg/kg except where otherwise noted.

NYSDOH LAB ID # 10390
acq

ALAN J. LABIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

EPA METHOD 8240 : VOLATILE ORGANICS

PARAMETER	S-1		S-2		S-3		METHOD	INSTRUMENT
	WW	DW	WW	DW	WW	DW	BLANK	BLANK (ug/l)
CHLOROMETHANE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
VINYL CHLORIDE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
BROMOMETHANE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
CHLOROETHANE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
1,1-DICHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
CARBON DISULFIDE	<25	<29	<10	<11	<5,000	<7,800	<10	<10
ACETONE	<125	<144	66	69	<25,000	<39,000	<50	<50
METHYLENE CHLORIDE	<12	<14	<5	<5	<2,500	<3,900	17	<5
TRANS-1,2-DICHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
CIS-1,2-DICHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,1-DICHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
2-BUTANONE	<125	<144	<50	<52	<25,000	<39,000	<50	<50
CHLOROFORM	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,1,1-TRICHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
CARBON TETRACHLORIDE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
BENZENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,2-DICHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
TRICHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,2-DICHLOROPROPANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
VINYL ACETATE	<125	<144	<50	<52	<25,000	<39,000	<50	<50
BROMODICHLOROMETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
cis-1,3-DICHLOROPROPANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
4-METHYL-2-PENTANONE	<125	<144	<50	<52	<25,000	<39,000	<50	<50
TOLUENE	<12	<14	<5	<5	40,000	62,400	<5	<5
TRANS-1,3-DICHLOROPROPENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
1,1,2-TRICHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
TETRACHLOROETHENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
2-HEXANONE	<125	<144	<50	<52	<25,000	<39,000	<50	<50
DIBROMOCHLOROMETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
CHLOROBENZENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
ETHYLBENZENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
TOTAL XYLENES	<25	<29	<10	<11	<5,000	<7,800	<10	<10
STYRENE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
BROMOFORM	<25	<29	<10	<11	<5,000	<7,800	<10	<10
1,1,2,2-TETRACHLOROETHANE	<12	<14	<5	<5	<2,500	<3,900	<5	<5
% SURROGATE RECOVERIES:								
1,2-DCE-d4 (70-121)	93 %		88 %		102 %		102 %	88 %
TOL-d8 (81-117)	118 %		114 %		99 %		99 %	98 %
4-BFB (74-121)	82 %		85 %		93 %		92 %	94 %

CASE NARRATIVE: Sample 1 had 2 grams analyzed. The presence of petroleum hydocarbons in matrix preclude lower reporting limits. Sample 3 analyzed by Medium Level Extraction Method (4 gm/10 ml); 0.025 ml/5 ml was purged and trapped FD 500x. The presence of petroleum hydrocarbons in matrix precludes lower reporting levels.

COMMENTS: WW = Wet Weight, DW = Dry Weight, Results expressed in ug/kg.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LO. .ER LABORATORIES

CHAIN Or CUSTODY RECORD

Client Name: AFI Environmental

Mailing Address: 6103 Robinson Rd
Lockport, NY 14094

LABORATORY NO: 9411 5635

Project Name: WMNY, Gansen St, Buffalo, NY

SAMPLE IDENTIFICATION	DATE	TIME	LOCATION	SAMPLE TYPE	ANALYSIS								NUMBER OF CONTAINERS		REMARK
									RCRA Metals	TCL	% Solids	TCL Organics			
S-1	10/31/94	15:15	SS-10	Soil					✓	✓	✓	✓	2-4 oz		Hand Auger
S-2	10/31/94	15:50	SS-11	Soil					✓	✓	✓	✓	2-4 oz		Hand Auger
S-3	10/31/94	16:00	SS-14	Sludge					✓	✓	✓	✓	2-4 oz		Catch Basin

SAMPLED BY: Scott M. Cody
SIGN

RELINQUISHED BY:
1 SIGN Scott M. Cody — DATE 11/1/94 — TIME 13:56
2 SIGN — DATE — TIME
3 SIGN — DATE — TIME
4 SIGN — DATE — TIME

RECEIVED BY:
1 SIGN — DATE — TIME
2 SIGN — DATE — TIME
3 SIGN — DATE — TIME
4 SIGN — DATE — TIME

METHOD OF SHIPMENT: Client drop-off

SIGN Scott M. Cody

RECEIVED FOR LABORATORY BY:
SIGN — DATE 11/1/94 — TIME 1:54p

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : AFI ENVIRONMENTAL
6101 ROBINSON RD
LOCKPORT, NY 14094

ATTN : BILL HEITZENRATER

DATE REC'D. : 11/02/94
LABORATORY NO. : 94115684
REPORT DATE : 12/07/94

RE : WMNY, GANSON ST.
BUFFALO, NY

SAMPLE INFORMATION

SAMPLE DATE : 11/02/94
SAMPLE TIME : 11:00-2:40 PM
NUMBER OF SAMPLES : 8

LOCATION : SEE REFERENCE
TYPE OF SAMPLE : GROUNDWATER
SAMPLER : CLIENT

LABORATORY REPORT

PARAMETER	S-1 M-1	S-2 M-2	S-3 M-3	S-4 M-4	S-5 M-5	UNITS	EPA METHOD	DATE ANALYZED
TOTAL CYANIDE	<0.005	<0.005	<0.005	<0.005	<0.005	mg/l	9010	11/03
ALUMINUM	7.92	4.79	10.5	2.29	9.24	mg/l	202.2	11/18
ANTIMONY	<0.001	<0.001	<0.001	<0.001	<0.001	mg/l	7041	11/12
ARSENIC	0.01	<0.01	<0.01	<0.01	0.02	mg/l	7060	11/16
BARIUM	<0.20	<0.20	0.25	0.42	0.82	mg/l	208.2	11/16
BERYLLIUM	<0.001	<0.001	<0.001	<0.001	<0.001	mg/l	7091	11/15
CADMIUM	<0.002	<0.002	<0.002	<0.002	<0.002	mg/l	7131	11/17
CALCIUM	62.2	61.6	84.6	114	193	mg/l	7140	11/04
CHROMIUM	0.04	0.07	0.05	0.05	0.07	mg/l	7190	11/22
COBALT	0.006	<0.005	0.008	<0.005	0.014	mg/l	7201	11/18
COPPER	0.042	0.113	0.052	<0.025	0.076	mg/l	7210	11/09
IRON	9.83	38.1	18.9	6.78	23.7	mg/l	7380	11/22
LEAD	0.010	<0.005	0.017	<0.005	0.019	mg/l	7421	11/15
MAGNESIUM	22.0	23.6	71.0	105	122	mg/l	7450	11/04
MANGANESE	3.60	2.80	1.04	4.97	4.38	mg/l	7460	11/16
MERCURY	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	mg/l	7470	11/10
NICKEL	0.06	0.09	0.08	0.06	0.11	mg/l	7520	11/09
POTASSIUM	5.1	10.0	4.9	4.3	19.0	mg/l	7610	11/04
SELENIUM	<0.005	<0.005	<0.005	<0.005	<0.005	mg/l	7740	11/16
SILVER	<0.01	<0.01	<0.01	<0.01	<0.01	mg/l	7760	11/09
SODIUM	110	172	39.2	151	689	mg/l	7770	11/04
THALLIUM	<0.004	<0.004	<0.004	<0.004	<0.004	mg/l	7841	11/15
VANADIUM	0.02	<0.01	<0.01	<0.01	0.03	mg/l	7911	11/17
ZINC	0.12	0.25	0.15	0.10	0.19	mg/l	7950	11/07

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94115684

EPA METHOD 8240 : VOLATILE ORGANICS

PARAMETER	MW-1	MW-2	MW-3	MW-4	MW-5	UNITS
CHLOROMETHANE	<10	<10	<10	<10	<10	ug/l
VINYL CHLORIDE	<10	<10	<10	<10	<10	ug/l
BROMOMETHANE	<10	<10	<10	<10	<10	ug/l
CHLOROETHANE	<10	<10	<10	<10	<10	ug/l
1,1-DICHLOROETHENE	<5	<5	<5	<5	<5	ug/l
CARBON DISULFIDE	<10	<10	<10	<10	<10	ug/l
ACETONE	<50	<50	<50	<50	87	ug/l
METHYLENE CHLORIDE	<5	<5	<5	<5	<5	ug/l
TRANS-1,2-DICHLOROETHENE	<5	<5	<5	<5	<5	ug/l
CIS-1,2-DICHLOROETHENE	<5	<5	<5	<5	<5	ug/l
1,1-DICHLOROETHANE	<5	<5	<5	<5	<5	ug/l
2-BUTANONE	<50	<50	<50	<50	<50	ug/l
CHLOROFORM	<5	<5	<5	<5	<5	ug/l
1,1,1-TRICHLOROETHANE	<5	<5	<5	<5	<5	ug/l
CARBON TETRACHLORIDE	<5	<5	<5	<5	<5	ug/l
BENZENE	<5	<5	<5	<5	<5	ug/l
1,2-DICHLOROETHANE	<5	<5	<5	<5	<5	ug/l
TRICHLOROETHENE	<5	<5	<5	<5	<5	ug/l
1,2-DICHLOROPROPANE	<5	<5	<5	<5	<5	ug/l
VINYL ACETATE	<50	<50	<50	<50	<50	ug/l
BROMODICHLOROMETHANE	<5	<5	<5	<5	<5	ug/l
cis-1,3-DICHLOROPROPANE	<5	<5	<5	<5	<5	ug/l
4-METHYL-2-PENTANONE	<50	<50	<50	<50	<50	ug/l
TOLUENE	<5	<5	<5	<5	<5	ug/l
TRANS-1,3-DICHLOROPROPENE	<5	<5	<5	<5	<5	ug/l
1,1,2-TRICHLOROETHANE	<5	<5	<5	<5	<5	ug/l
TETRACHLOROETHENE	<5	<5	<5	<5	<5	ug/l
2-HEXANONE	<50	<50	<50	<50	<50	ug/l
DIBROMOCHLOROMETHANE	<5	<5	<5	<5	<5	ug/l
CHLOROBENZENE	<5	<5	<5	<5	<5	ug/l
ETHYLBENZENE	<5	<5	<5	<5	<5	ug/l
TOTAL XYLENES	<10	<10	<10	<10	<10	ug/l
STYRENE	<5	<5	<5	<5	<5	ug/l
BROMOFORM	<10	<10	<10	<10	<10	ug/l
1,1,2,2-TETRACHLOROETHANE	<5	<5	<5	<5	<5	ug/l
% SURROGATE RECOVERIES:						
1,2-DCE-d4 (76-114)	96	93	96	96	97	%
TOL-d8 (88-110)	101	101	101	102	102	%
4-BFB (86-115)	100	99	98	99	98	%

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94115684

EPA METHOD 8240 : VOLATILE ORGANICS

PARAMETER	FIELD BLANK	TRIP BLANK	DI BLANK	INSTRUMENT BLANK	UNITS
CHLOROMETHANE	<10	<10	<10	<10	ug/l
VINYL CHLORIDE	<10	<10	<10	<10	ug/l
BROMOMETHANE	<10	<10	<10	<10	ug/l
CHLOROETHANE	<10	<10	<10	<10	ug/l
1,1-DICHLOROETHENE	<5	<5	<5	<5	ug/l
CARBON DISULFIDE	<10	<10	<10	<10	ug/l
ACETONE	<50	<50	<50	<10	ug/l
METHYLENE CHLORIDE	<5	<5	<5	<5	ug/l
TRANS-1,2-DICHLOROETHENE	<5	<5	<5	<5	ug/l
CIS-1,2-DICHLOROETHENE	<5	<5	<5	<5	ug/l
1,1-DICHLOROETHANE	<5	<5	<5	<5	ug/l
2-BUTANONE	<50	<50	<50	<50	ug/l
CHLOROFORM	7.5	<5	6.5	<5	ug/l
1,1,1-TRICHLOROETHANE	<5	<5	<5	<5	ug/l
CARBON TETRACHLORIDE	<5	<5	<5	<5	ug/l
BENZENE	<5	<5	<5	<5	ug/l
1,2-DICHLOROETHANE	<5	<5	<5	<5	ug/l
TRICHLOROETHENE	<5	<5	<5	<5	ug/l
1,2-DICHLOROPROPANE	<5	<5	<5	<5	ug/l
VINYL ACETATE	<50	<50	<50	<50	ug/l
BROMODICHLOROMETHANE	<5	<5	<5	<5	ug/l
cis-1,3-DICHLOROPROPANE	<5	<5	<5	<5	ug/l
4-METHYL-2-PENTANONE	<50	<50	<50	<50	ug/l
TOLUENE	<5	<5	<5	<5	ug/l
TRANS-1,3-DICHLOROPROPENE	<5	<5	<5	<5	ug/l
1,1,2-TRICHLOROETHANE	<5	<5	<5	<5	ug/l
TETRACHLOROETHENE	<5	<5	<5	<5	ug/l
2-HEXANONE	<50	<50	<50	<50	ug/l
DIBROMOCHLOROMETHANE	<5	<5	<5	<5	ug/l
CHLOROBENZENE	<5	<5	<5	<5	ug/l
ETHYLBENZENE	<5	<5	<5	<5	ug/l
TOTAL XYLENES	<10	<10	<10	<10	ug/l
STYRENE	<5	<5	<5	<5	ug/l
BROMOFORM	<10	<10	<10	<10	ug/l
1,1,2,2-TETRACHLOROETHANE	<5	<5	<5	<5	ug/l
% SURROGATE RECOVERIES:					
1,2-DCE-d4 (76-114)	98	96	96	94	%
TOL-d8 (88-110)	102	101	102	100	%
4-BFB (86-115)	99	98	99	99	%

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFAN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94115684

8270-AQUEOUS AE/BN

PARAMETER	MW-1	MW-2	MW-3	MW-4	MW-5	UNITS
ACENAPHTHENE	<5	<5	<5	<5	<5	ug/l
ACENAPTHYLENE	<5	<5	<5	<5	<5	ug/l
ANTHRACENE	<5	<5	<5	<5	<5	ug/l
BENZIDINE	<50	<50	<50	<50	<50	ug/l
BENZO(a)ANTHRACENE	<5	<5	<5	<5	<5	ug/l
BENZO(a)PYRENE	<5	<5	<5	<5	<5	ug/l
BENZO(b)FLUORANTHENE	<5	<5	<5	<5	<5	ug/l
BENZO(ghi)PERYLENE	<5	<5	<5	<5	<5	ug/l
BENZO(k)FLUORANTHENE	<5	<5	<5	<5	<5	ug/l
BENZOIC ACID	<20	<20	<20	<20	<20	ug/l
BENZYL ALCOHOL	<10	<10	<10	<10	<10	ug/l
BENYL BUTYL PHTHALATE	<5	<5	<5	<5	<5	ug/l
BIS(2-CHLOROETHOXY)METHANE	<5	<5	<5	<5	<5	ug/l
BIS(2-CHLOROETHYL)ETHER	<5	<5	<5	<5	<5	ug/l
BIS(2-CHLOROISOPROPYL)ETHER	<5	<5	<5	<5	<5	ug/l
BIS(2-ETHYLHEXYL)PHTHALATE	<5	<5	<5	<5	<5	ug/l
4-BROMOPHENYLPHENYL ETHER	<5	<5	<5	<5	<5	ug/l
4-CHLORO-3-METHYLPHENOL	<5	<5	<5	<5	<5	ug/l
4-CHLOROANILINE	<5	<5	<5	<5	<5	ug/l
2-CHLORONAPHTHALENE	<5	<5	<5	<5	<5	ug/l
2-CHLOROPHENOL	<5	<5	<5	<5	<5	ug/l
4-CHLOROPHENYL PHENYL ETHER	<5	<5	<5	<5	<5	ug/l
CHRYSENE	<5	<5	<5	<5	<5	ug/l
DIBENZO(a,h)ANTHRACNE	<5	<5	<5	<5	<5	ug/l
DIBENZOFURAN	<5	<5	<5	<5	<5	ug/l
1,2-DICHLOROBENZENE	<5	<5	<5	<5	<5	ug/l
1,3-DICHLOROBENZENE	<5	<5	<5	<5	<5	ug/l
1,4-DICHLOROBENZENE	<5	<5	<5	<5	<5	ug/l
3,3'-DICHLOROBENZIDINE	<5	<5	<5	<5	<5	ug/l
DIETHYL PHTHALATE	<5	<5	<5	<5	<5	ug/l
2,4-DICHLOROPHENOL	<5	<5	<5	<5	<5	ug/l
DIMETHYL PHTHALATE	<5	<5	<5	<5	<5	ug/l
DI-N-BUTYL PHTHALATE	<5	<5	<5	<5	<5	ug/l
DI-N-OCTYL PHTHALATE	<5	<5	<5	<5	<5	ug/l
2,4-DINITROTOLUENE	<5	<5	<5	<5	<5	ug/l
2,6-DINITROTOLUENE	<5	<5	<5	<5	<5	ug/l
FLUORANTHENE	<5	<5	<5	<5	<5	ug/l
FLOURENE	<5	<5	<5	<5	<5	ug/l

Analysis performed by EPA Method 8270 Aqueous AE/BN on 11/17/94 and extracted on 11/04/94.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94115684

8270-AQUEOUS AE/BN

PARAMETER	MW-1	MW-2	MW-3	MW-4	MW-5	UNITS
HEXACHLOROBENZENE	<5	<5	<5	<5	<5	ug/l
HEXACHLOROBUTADIENE	<5	<5	<5	<5	<5	ug/l
HEXACHLOROCYCLOPENTADIENE	<20	<20	<20	<20	<20	ug/l
HEXACHLOROETHANE	<5	<5	<5	<5	<5	ug/l
INDENO-(1,2,3,-c,d)PYRENE	<5	<5	<5	<5	<5	ug/l
ISOPHORONE	<5	<5	<5	<5	<5	ug/l
2-METHYL-4,6-DINITROPHENOL	<20	<20	<20	<20	<20	ug/l
2-METHYLNAPTHALENE	<5	<5	<5	<5	<5	ug/l
2-METHYLPHENOL	<5	<5	<5	<5	<5	ug/l
4-METHYLPHENOL	<5	<5	<5	<5	<5	ug/l
NAPHTHALENE	<5	<5	<5	<5	<5	ug/l
2-NITROANILINE	<5	<5	<5	<5	<5	ug/l
3-NITROANILINE	<20	<20	<20	<20	<20	ug/l
4-NITROANILINE	<20	<20	<20	<20	<20	ug/l
NITROBENZENE	<5	<5	<5	<5	<5	ug/l
2-NITROPHENOL	<20	<20	<20	<20	<20	ug/l
4-NITROPHENOL	<50	<50	<50	<50	<50	ug/l
n-NITROSODIMETHYLAMINE	<5	<5	<5	<5	<5	ug/l
n-NITROSODI-n-PROPYLAMINE	<5	<5	<5	<5	<5	ug/l
n-NITROSODIPHENYLAMINE	<5	<5	<5	<5	<5	ug/l
PENTCHLOROPHENOL	<20	<20	<20	<20	<20	ug/l
PHENANTHRENE	<5	<5	<5	<5	<5	ug/l
PHENOL	<5	<5	<5	<5	<5	ug/l
PYRENE	<5	<5	<5	<5	<5	ug/l
1,2,4-TRICHLOROBENZENE	<5	<5	<5	<5	<5	ug/l
2,4,5-TRICHLOROPHENOL	<5	<5	<5	<5	<5	ug/l
2,4,6-TRICHLOROPHENOL	<5	<5	<5	<5	<5	ug/l
% SURROGATE RECOVERIES:						
ACID EXTRACTABLE						
2-FLUORPHENOL (21-100)	22	32	1.9*	--*	7.6*	%
PHENOL-d5 (10-94)	16	24	1.0*	--*	2.1*	%
2,4,6 TRIBROMOPHENOL(10-123)	2.1*	24	54	8.9*	56	%
NITROBENZENE-d5 (35-114)	73	87	72	79	75	%
2-FLUOROBIPHENYL (21-100)	78	91	73	80	76	%
TERPHENYL-d14 (33-141)	74	77	68	79	69	%

*Low acid surrogate recovery possibly due to matrix interference.

Analysis performed by EPA Method 8270 Aqueous AE/BN on 11/17/94 and extracted on 11/04/94.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94115684

8270-AQUEOUS AE/BN

PARAMETER	FIELD BLANK	METHOD BLANK	DI BLANK	UNITS
ACENAPHTHENE	<5	<5	<5	ug/l
ACENAPTHYLENE	<5	<5	<5	ug/l
ANTHRACENE	<5	<5	<5	ug/l
BENZIDINE	<50	<50	<50	ug/l
BENZO(a)ANTHRACENE	<5	<5	<5	ug/l
BENZO(a)PYRENE	<5	<5	<5	ug/l
BENZO(b)FLUORANTHENE	<5	<5	<5	ug/l
BENZO(ghi)PERYLENE	<5	<5	<5	ug/l
BENZO(k)FLUORANTHENE	<5	<5	<5	ug/l
BENZOIC ACID	<20	<20	<20	ug/l
BENZYL ALCOHOL	<10	<10	<10	ug/l
BENYL BUTYL PHTHALATE	<5	<5	<5	ug/l
BIS(2-CHLOROETHOXY)METHANE	<5	<5	<5	ug/l
BIS(2-CHLOROETHYL)ETHER	<5	<5	<5	ug/l
BIS(2-CHLOROISOPROPYL)ETHER	<5	<5	<5	ug/l
BIS(2-ETHYLHEXYL)PHTHALATE	<5	<5	8.6	ug/l
4-BROMOPHENYLPHENYL ETHER	<5	<5	<5	ug/l
4-CHLORO-3-METHYLPHENOL	<5	<5	<5	ug/l
4-CHLOROANILINE	<5	<5	<5	ug/l
2-CHLORONAPHTHALENE	<5	<5	<5	ug/l
2-CHLOROPHENOL	<5	<5	<5	ug/l
4-CHLOROPHENYL PHENYL ETHER	<5	<5	<5	ug/l
CHRYSENE	<5	<5	<5	ug/l
DIBENZO(a,h)ANTHRACNE	<5	<5	<5	ug/l
DIBENZOFURAN	<5	<5	<5	ug/l
1,2-DICHLOROBENZENE	<5	<5	<5	ug/l
1,3-DICHLOROBENZENE	<5	<5	<5	ug/l
1,4-DICHLOROBENZENE	<5	<5	<5	ug/l
3,3'-DICHLOROBENZIDINE	<5	<5	<5	ug/l
DIETHYL PHTHALATE	<5	<5	<5	ug/l
2,4-DICHLOROPHENOL	<5	<5	<5	ug/l
DIMETHYL PHTHALATE	<5	<5	<5	ug/l
DI-N-BUTYL PHTHALATE	<5	<5	<5	ug/l
DI-N-OCTYL PHTHALATE	<5	<5	<5	ug/l
2,4-DINITROTOLUENE	<5	<5	<5	ug/l
2,6-DINITROTOLUENE	<5	<5	<5	ug/l
FLUORANTHENE	<5	<5	<5	ug/l
FLOURENE	<5	<5	<5	ug/l

Analysis performed by EPA Method 8270 Aqueous AE/BN on 11/17/94 and extracted on 11/04/94.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94115684

8270-AQUEOUS AE/BN

PARAMETER	FIELD BLANK	METHOD BLANK	DI BLANK	UNITS
HEXACHLOROBENZENE	<5	<5	<5	ug/l
HEXACHLOROBUTADIENE	<5	<5	<5	ug/l
HEXACHLOROCYCLOPENTADIENE	<20	<20	<20	ug/l
HEXACHLOROETHANE	<5	<5	<5	ug/l
INDENO-(1,2,3,-c,d)PYRENE	<5	<5	<5	ug/l
ISOPHORONE	<5	<5	<5	ug/l
2-METHYL-4,6-DINITROPHENOL	<20	<20	<20	ug/l
2-METHYLNAPTHALENE	<5	<5	<5	ug/l
2-METHYLPHENOL	<5	<5	<5	ug/l
4-METHYLPHENOL	<5	<5	<5	ug/l
NAPHTHALENE	<5	<5	<5	ug/l
2-NITROANILINE	<5	<5	<5	ug/l
3-NITROANILINE	<20	<20	<20	ug/l
4-NITROANILINE	<20	<20	<20	ug/l
NITROBENZENE	<5	<5	<5	ug/l
2-NITROPHENOL	<20	<20	<20	ug/l
4-NITROPHENOL	<50	<50	<50	ug/l
n-NITROSODIMETHYLAMINE	<5	<5	<5	ug/l
n-NITROSODI-n-PROPYLAMINE	<5	<5	<5	ug/l
n-NITROSODIPHENYLAMINE	<5	<5	<5	ug/l
PENTCHLOROPHENOL	<20	<20	<20	ug/l
PHENANTHRENE	<5	<5	<5	ug/l
PHENOL	<5	<5	<5	ug/l
PYRENE	<5	<5	<5	ug/l
1,2,4-TRICHLOROBENZENE	<5	<5	<5	ug/l
2,4,5-TRICHLOROPHENOL	<5	<5	<5	ug/l
2,4,6-TRICHLOROPHENOL	<5	<5	<5	ug/l
% SURROGATE RECOVERIES:				
ACID EXTRACTABLE				
2-FLUORPHENOL (21-100)	47	44	60	%
PHENOL-d5 (10-94)	31	28	35	%
2,4,6 TRIBROMOPHENOL (10-123)	38	60	86	%
BASE-NEUTRALS EXTRACTABLES				
NITROBENZENE-d5 (35-114)	81	64	77	%
2-FLUOROBIPHENYL (21-100)	77	67	80	%
TERPHENYL-d14 (33-141)	75	64	93	%

Analysis performed by EPA Method 8270 Aquesous AE/BN on 11/17/94 and extracted on 11/04/94.

NYSDOH LAB ID # 10390
acq

ALAN J. LAPPIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

AFI / LAB #94115684

PESTICIDES

PARAMETER	MW-1	MW-2	MW-3	MW-4	MW-5	S-6	UNITS
ALPHA-ENDOSULFAN	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
BETA-ENDOSULFAN	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
ENDOSULFAN SULFATE	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
ALPHA-BHC	<0.05	<0.05	<0.05	<0.05	0.22	<0.05	ug/l
BETA-BHC	<0.05	<0.05	<0.05	<0.05	0.96	<0.05	ug/l
DELTA-BHC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
GAMMA-BHC	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
ALDRIN	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
DIELDRIN	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
4,4-DDE	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
4,4-DDD	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
4,4-DDT	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
ENDRIN	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
ENDRIN ALDEHYDE	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
HEPTACHLOR	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
HEPTACHLOR EPOXIDE	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
CHLORDANE	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	ug/l
TOXAPHENE	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ug/l
METHOXYCHLOR	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ug/l
PCB-1221	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
PCB 1232	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
PCB-1016	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
PCB-1242	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
PCB-1248	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
PCB-1254	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
PCB-1260	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
PCB-1262	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
PCB-1268	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
TOTAL PCB's	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	ug/l
% SURROGATE RECOVERIES:	76	66	86	96	111	166*	%

Analysis performed by EPA Method 8080 Organochlorine Pesticides and PCB's on 11/29/94 and extracted on 11/03/94.

*Due to matrix pattern interference (acceptable range: 59-158%).

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZ ER
LABORATORIES

CHAIN OF CUSTODY RECORD

Client Name: AFI Environmental
Mailing Address: 6103 Robinson Rd.
Lockport, NY 14094
Project Name: WMNY - Genesee St. Buffalo

LABORATORY NO: 94115684

SAMPLE IDENTIFICATION		DATE	TIME	LOCATION	SAMPLE TYPE	ANALYSIS: 8240 (EPA)	8270 (EPA)	6010 (EPA)	TAL-CN	TAL-Metals			NUMBER OF CONTAINERS	Type of Container	REMARK
S-1	1	11/2/94	11:00	MW-1	Water	✓	✓	✓	✓	✓			6	2-wg, 2-pt plastic, 2-qt glass	
S-2	2	"	11:30	MW-2	"	✓	✓	✓	✓	✓			"	"	
S-3	3	"	12:30	MW-3	"	✓	✓	✓	✓	✓			"	"	
S-4	4	"	13:00	MW-4	"	✓	✓	✓	✓	✓			"	"	
S-5	5	"	13:25	MW-5	"	✓	✓	✓	✓	✓			"	"	
S-6	6	"	14:40	Field Blank	"	✓	✓	✓	*	*			4	2-vial, 2-qt glass	* See Note
S-8	8	"	14:40	DI Blank	"	✓	✓	*	*	*					# Inorganics on DI Blank
S-7	7	Lab (10/29/94)	—	Trip Blank	"	✓							2	2-VOA	

SAMPLED BY: Scott M. Cody (SIGN)

* Note: Used D.I. water from store (in cooler)
Contact Bob Hergenhan (AFI) for analyses due to different bottle set - both bottles are preserved at time of sampling

		2	3	4
RELINQUISHED BY:	1 Scott M. Cody (SIGN), 11/2/94 (DATE), (TIME)	SIGN, DATE, TIME	SIGN, DATE, TIME	SIGN, DATE, TIME
RECEIVED BY:	1 David Carter (SIGN), 11-2-94 (DATE), 6:45 pm (TIME)	2 SIGN, DATE, TIME	3 SIGN, DATE, TIME	4 SIGN, DATE, TIME

METHOD OF SHIPMENT: - AFI -

Scott Cody (SIGN)

RECEIVED FOR LABORATORY BY: Dave Carter (SIGN), 11-2-94 (DATE), 6:45 pm (TIME)

ELMWOOD TANK & PIPING CORP.
200 Fire Tower Drive
Tonawanda, New York 14150
716/694-0106

November 18, 1987

New York State Department
of Environmental Conservation
600 Delaware Avenue
Buffalo, New York 14202-1073

Attn: Mr. Robert N. Lacey, P.E.

Re: Removal & Disposal
of Underground Tank

Gentlemen:

Please be advised that the Elmwood Tank & Piping Corporation has been awarded the contract to clean, gas free and legally dispose of the following underground tank and its contents, as per D.E.C. Regulations, at the listed location:

LOCATION: Downing Container Service
191 Ganson Street
Buffalo, New York

SIZE: 1-4,000 Gallon Steel Tank

We are proceeding with the removal of the aforementioned underground tank on November 24, 1987 in accordance with your verbal approval of our telephone conversation of November 18, 1987.

If you require further information, please do not hesitate to contact us.

Very truly yours,

ELMWOOD TANK & PIPING CORP.

Richard E Daly

Richard E. Daly
Operations Supervisor

RED/tg

cc: Lt. Russell Knox

Post-it® Fax Note 7671	Date 5/4/95	# of pages ▶ 1
To BOB CROSSEN	From JOHN MINICHIELLO	
Co./Dept. COPY OF	Co.	
Phone # NOTIFICATION	Phone #	
Fax # LETTER	Fax #	

APPENDIX G

SITE RECONNAISSANCE PHOTOS

SITE PHOTOGRAPHS

Photo 1:



Photo 2:



Photo 3:



Photo 4:



Photo 1: View of Building 1 (office and truck maintenance garage) – facing north

Photo 2: View of Building 2 (vacant and storage) – facing north

Photo 3: View of the general maintenance area within Building 1.

Photo 4: View of the truck washing bay within the eastern portion of Building 1.

SITE PHOTOGRAPHS

Photo 5:



Photo 6:



Photo 7:



Photo 8:



Photo 5: View of the storage area within the eastern portion of Building 2.

Photo 6: View of the vacant western portion of Building 2.

Photo 7: View of the used oil AST and moveable oil pan located within Building 1.

Photo 8: View of the new diesel engine oil AST located within Building 1.

SITE PHOTOGRAPHS

Photo 9:

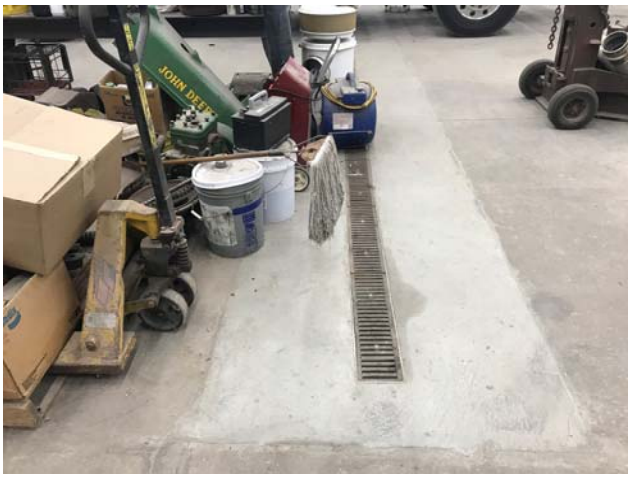


Photo 10:



Photo 11:



Photo 12:



Photo 9: View of the trench drain located in the maintenance area of Building 1.

Photo 10: View of a 30-gallon drum of new motor oil stored within Building 1.

Photo 11: View of the storage of motor oils and other products within Building 1.

Photo 12: View of the storage of cleaners, degreasers, and other products in 5-gallon containers within Building 1.

SITE PHOTOGRAPHS

Photo 13:



Photo 14:



Photo 15:



Photo 16:



Photo 13: View of the unknown pipe protruding from the ground surface in the northeast corner of Building 1.

Photo 14: View of the 10,000-gallon diesel fuel AST located north of Building 1.

Photo 15: View of the oil-water separator located north of Building 1.

Photo 16: View of the outdoor truck washing station east of Building 1.

SITE PHOTOGRAPHS

Photo 17:



Photo 18:



Photo 19:



Photo 20:



Photo 17: View of black staining located on concrete ground surface within the storage area Building 2.

Photo 18: View of numerous 55-gallon drums within the storage area Building 2.

Photo 19: View of a floor drain located within the storage area of Building 2.

Photo 20: View of the storage of miscellaneous parts within Building 2.

SITE PHOTOGRAPHS

Photo 21:



Photo 22:



Photo 23:



Photo 24:



Photo 21: View of a storm drain located in the western portion of the Site.

Photo 22: View of surface erosion and stockpiled material located in the eastern portion of the Site.

Photo 23: View of a typical monitoring well located on-Site. The monitoring well pictured is in the eastern central portion of the Site.

Photo 24: View of a concrete ground surface south of Building 2 in which a former tank field and/or pump island was located.

APPENDIX H

QUESTIONNAIRES

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

Phase I Environmental Site Assessment
User Questionnaire

SITE NAME: 145 Ganson Street Site
ADDRESS: 145 Ganson Street, Buffalo, NY

1.) Are you aware of any environmental cleanup liens against the Site that have been filed or recorded in a registry under federal, tribal, state or local law?

☒ No ☐ Yes Explain: _____

2.) Are you aware of any engineering controls, land use restrictions or institutional controls that are in place and/or that have been filed or recorded in a registry under federal, tribal, state or local law?

☒ No ☐ Yes Explain: _____

3.) As the User of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

☒ No ☐ Yes Explain: _____

4.) Does the purchase price being paid for this property reasonably reflect fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

☐ No ☒ Yes If No, Explain: _____

5.) Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as User,

a. Do you know the past use of the property?
☐ No ☐ Yes Explain: _____
b. Do you know of specific chemicals that are present or once were present at the property?
☐ No ☐ Yes Explain: _____
c. Do you know of spills or other chemical releases that have taken place at the property?
☐ No ☐ Yes Explain: _____
d. Do you know of any environmental cleanup activities that have taken place at the property?
☐ No ☐ Yes Explain: _____

6.) As the User of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?

☒ No ☐ Yes Explain: _____

CERTIFICATION OF RESPONSES

I, Douglas Swift, the user of the Phase I ESA being completed for this Site, do hereby attest and certify that to the best of my knowledge, the answers and information provided in this questionnaire, are true and accurate. I have not willfully withheld information that may be pertinent to the questions contained herein and have not distorted or misrepresented the facts regarding the content of this questionnaire.

Signature: _____ Date: 10-22-18

Title: _____

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

Phase I Environmental Site Assessment
Environmental Questionnaire

1) Site Information

Site Name: 145 Ganson Street Site

Address: 145 Ganson Street, Buffalo, NY

Business Owner/Operator: Eric Bauer

Title: President Years in Position: 25

2) Size & Nature of Operation

Number of Buildings: 2 Total Sq. Ft.: Approx 12k Property Size (acres): Approx 7 Acres

Description of Operations: Trucking & Transportation

Current Tenants: Self

What is the intended use of the subject property and/or structures located on the subject property?
Storage & Maintenance

3) What are the past uses/occupants of this facility/property & dates of occupancy?

1) We have occupied since March 1978
2)
3)

4) Utilities

Floor Drains:	Yes	Discharge Point:	Buffalo City Sewer
Sump Pumps:	None	Discharge Point:	
Storm Drains:	Yes	Discharge Point:	Buffalo City Sewer
Other:			
On-site utilities:			

When was subject property connected to municipal sewer, if currently connected?

5) List and describe the stormwater and wastewater discharges from the facility, including the sources, discharge points, and receiving waters or facility.

6) What is the nature of the wastes generated on-site (including hazardous/ regulated wastes, the disposal methods and waste disposal vendors)?

Used motor oil from our own fleet. Burned in a approved waste oil furnace for heating.

How is it stored on-site? AST

Who collects the waste? Self

7) Has the refuse service ever refuse to collect the waste?

☒ No ☐ Yes Explain:

8) Have there ever been any complaints or notices of violations about your facility?

☒ No ☐ Yes Nature:

9) What type of HVAC (Heating, Ventilation & Air Conditioning) system does this facility have (ex; natural gas, electric, heating oil, propane, etc. /forced air, radiant, HVAC, etc.)?

Natural Gas

10) Was this facility ever heated with oil?

☐ No ☒ Yes When? Currently. Used oil is burned as a secondary source of heat in an approved waste oil furnace.

Method of Storage:

11) Was this facility ever a car repair shop, paint shop, or gas station?

☒ No ☐ Yes When?

Owner:

12) Are there any aboveground or underground storage tanks?

☐ No ☒ Yes

Tank ID#: 1

☐ UST ☒ AST Capacity: 10000 Product: Diesel Fuel-On Road

Location:

Notable Information:

Tank ID#:

☐ UST ☐ AST Capacity: Product:

Location:

Notable Information:

Tank ID#:

☐ UST ☐ AST Capacity: Product:

Location:

Notable Information:

Do the tanks comply with December 1998 EPA requirements (including overfill protection, monitoring systems, cathodic protection/double walled tank & piping, etc.)?

☐ No ☒ Yes

When were the tanks leak tested?

Are the tanks registered? Yes

Leak detection devices in place? ☐ No ☐ Yes Type of system? NA

Monitoring reports available? ☐ No ☐ Yes Please supply reports.

13) Were there ever, to your knowledge, any underground or aboveground tanks located on-site previously?

☐ No ☒ Yes When?

Are closure reports available? ☐ No ☒ Yes

14) What type of chemicals are used in the operations (attach list)?
List hazardous waste/material storage locations:

15) List the environmental or safety reports to be submitted to regulatory agencies, the frequency of such reports, and the agencies to which they are submitted.
NYS DEC PBS Certificate 5years

16) Do you have any federal, state, or local permits for the following?

SPDES:	☒ No	☐ Yes	ID #:
RCRA:	☒ No	☐ Yes	ID #:
EPA ID:	☒ No	☐ Yes	ID #:
Title V Air Emissions:	☒ No	☐ Yes	ID #:

17) Have you ever transported Hazardous waste from this site?
☒ No ☐ Yes manifests available? ☐ No ☐ Yes

18) Are PCBs or PCB-containing equipment present on the subject property, including light ballasts or other equipment?
☒ No ☐ Yes

Location:	Type of Equipment:
Location:	Type of Equipment:
Location:	Type of Equipment:

19) Are there any transformers located on-site?
☒ No ☐ Yes Are they utility owned? ☐ No ☐ Yes Utility Company or owner:

20) Do you treat or dispose of any waste materials on-site including incineration, neutralization, or landfilling?
☒ No ☐ Yes Type:

21) Do you store any hazardous/regulated wastes on-site for transfer to a disposal facility?
☒ No ☐ Yes Waste recipient: Permit #:

22) Have you ever been the subject of an enforcement action by any federal, date, or local agency regarding environmental issues?
☒ No ☐ Yes Nature of action:

23) Have there ever been any spills, unpermitted discharges, or releases of hazardous or contaminated materials at or near this facility?
☒ No ☐ Yes Nature of release:

24) Are there any stained, stressed or dead vegetation surfaces on-site?
☒ No ☐ Yes Suspected cause:

25) Are you presently under any federal, state, or local consent orders, decrees or causes of action?
☒ No ☐ Yes Are they pending? ☐ No ☐ Yes

26) Have you ever allowed or permitted any other entity to dump, store, dispose, transport, bury, incinerate, or landfill any materials at the site?

☒ No ☐ Yes Who? When?

27) Does anyone other than your operations utilize this site presently?

☒ No ☐ Yes Who?

Nature of their operations:

28) Have you ever experienced any problems from odors, drainage, storage practices, or operations from your neighbors?

☒ No ☐ Yes Nature of the problem:

Actions taken to correct the problem:

29) Are you aware of any environmental liens on the property?

☒ No ☐ Yes Nature:

30) Was there ever a septic tank, leach field injection well, or dry well located on the property?

☐ No ☐ Yes When?

31) Are there, or were there ever any water wells located on-site?

☒ No ☐ Yes When?

32) Are there any dry cleaning operations conducted on-site?

☒ No ☐ Yes How long has dry cleaning been conducted on-site?

What is the current generation of machine used on-site?

How old is the current machine?

Was there a previous machine used on-site?

33) Is there currently any X-ray developing or film developing conducted on-site?

☒ No ☐ Yes Is there a silver recovery system in use? ☐ No ☐ Yes

34) Do you have any specialized knowledge that would provide information regarding previous ownership or uses of the property that may be material to identifying recognized environmental conditions regarding the site?

☒ No ☐ Yes Nature:

35) What are the past and present uses of the properties adjacent to you (please include dates of occupancy)?

Direction	Current Use/ Occupant	Past Use/Occupants
North	Presently vacant	
South	Lafarge Corp. Silo storage	
East	Buffalo River	
West	Ganson St	

36) Are there any pending, threatened or past litigation relevant to hazardous substances or petroleum products in, on or from the subject property?

☒ No ☐ Yes Nature:

37) Are there any pending, threatened or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the subject property?

☒ No ☐ Yes Nature:

38) Are there any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products related to this site?

☒ No ☐ Yes Nature:

CERTIFICATION OF RESPONSES

I, Eric Bauer, the owner/operator and/or responsible person for this facility, do hereby attest and certify that to the best of my knowledge, the answers and information provided in this questionnaire, are true and accurate. I have not willfully withheld information that may be pertinent to the questions contained herein and have not distorted or misrepresented the facts regarding the content of this questionnaire.

Signature: Date: 10/31/18

Title: President

Phase II Environmental Investigation Report

145 Ganson Street (aka 127 Buffalo River and 189-191 Ganson Street)
Buffalo, New York

February 2019 B0465-018-001

Prepared For:

SpotOne, LLC



Prepared By:

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

2558 Hamburg Turnpike, Suite 300, Buffalo, New York | phone: (716) 856-0635 | fax: (716) 856-0583

PHASE II ENVIRONMENTAL INVESTIGATION REPORT

145 GANSON STREET
(AKA 127 BUFFALO RIVER AND 189-191 GANSON STREET)
BUFFALO, NEW YORK

February 2019 B0465-018-001

Prepared for:

SpotOne, LLC
145 Elm Street, 5th Floor
Buffalo, New York

Prepared by:

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Buffalo, New York 14218

PHASE II ENVIRONMENTAL INVESTIGATION REPORT

145 GANSON STREET
(AKA 127 BUFFALO RIVER AND 189-191 GANSON STREET)
BUFFALO, NEW YORK

TABLE OF CONTENTS

1.0 INTRODUCTION 1
- 1.1 Background and Site Description 1
- 1.2 Previous Study 1

2.0 SITE INVESTIGATION ACTIVITIES 4
- 2.1 Soil Boring Investigation 4
- 2.2 Groundwater Sampling 4

3.0 INVESTIGATION FINDINGS 6
- 3.1 Site Geology/Hydrogeology 6
- 3.2 Field Observations 6
- 3.3 NYSDEC Spill Incident 7
- 3.4 Soil Analytical Results 7
- 3.5 Groundwater Analytical Results 8

4.0 CONCLUSIONS AND RECOMMENDATIONS 9

5.0 LIMITATIONS 10

LIST OF TABLES

Table 1	Summary of Subsurface Soil/Fill Analytical Results
Table 2	Summary of Groundwater Analytical Results

LIST OF FIGURES

Figure 1	Site Location and Vicinity Map
Figure 2	Investigation Locations
Figure 3	Areas of Concern

APPENDICES

Appendix A	Soil Boring Logs with Well Completion Details
Appendix B	Photo Log
Appendix C	Laboratory Analytical Data Summary Package

1.0 INTRODUCTION

1.1 Background and Site Description

Benchmark Environmental Engineering & Science, PLLC (Benchmark) performed a Phase II Environmental Investigation on behalf of SpotOne, LLC at 145 Ganson Street (aka 127 Buffalo River and 189-191 Ganson Street) in the City of Buffalo, Erie County, New York (Site).

The Site is located in a highly developed industrial area of the City of Buffalo (see Figure 1). The Site is supplied with municipal sanitary sewer, electric, natural-gas and public water.

As shown on Figure 2, two structures are present on the Site. Building 1 is a truck maintenance garage, truck washing station, and office. The original western portion of Building 2 is vacant and an addition to the east is a storage area for truck parts, empty drums, and old vehicles.

The Site, consisting of three parcels totaling approximately seven-acres, is defined in the table below:

Parcel Address	Size (acres)	Tax ID No.	Current Use
127 Buffalo River	2.2	122.13-4-2	Truck maintenance and office (Building 1)
189 Ganson Street	4.05	122.13-4-1.11	Parking lot
191 Ganson Street	0.75	122.09-2-4	Storage garage (Building 2)

As further detailed below, Benchmark completed a Phase I Environmental Site Assessment (ESA) for the Site.

1.2 Previous Study

Benchmark completed a Phase I ESA for the Site dated November 2018. The following provides a summary of historic Site uses identified through Benchmark's review of historic sources including Sanborn maps, city directories, regulatory documents and municipal records.

Approximate Years	Reported or Suspected Use	Owner/Occupant
At least 1889 through current	Current operations include truck maintenance, a truck washing station, office space and storage for truck parts, empty drums, and old vehicles. Historic operations included a mix of industrial, commercial, and residential uses. Sanborn maps indicate various structures and operations throughout these years including lumber sheds, iron ore yards, machine shops, tin shops, railroads, commercial buildings, and restaurants. Various railroad tracks also appeared on-Site. In addition, trucking, container, and transportation, and construction companies were on-Site. Previous studies indicate that Site was historically used as a storage yard and repair shop for Waste Management of New York's Downing Container Division garbage pickup, roll off and rental operations. Multiple residential structures were formerly present along Ganson Street. Municipal records and regulatory records indicate installation of at least 14 underground storage tanks (USTs) between 1949 and 1980, and removal of at least eight USTs between 1986 and 1988. The exact locations of several USTs were not identified in historical records. The number of tanks installed versus the number of tanks removed does not correspond which is not uncommon for a Site such as this. Various regulatory listings were identified for the Site including inactive/closed spill incidents, Resource Conservation and Recovery Act (RCRA), Petroleum Bulk Storage (PBS), etc.	Current owner: George W. Burnett Inc. Past owners/occupants include J. Lloyd, Earl Roberts, American Shipbuilding Co., Buffalo Dry Dock Co., Great Lakes Transit Corp., Earl Roberts, Waste Management/Downing Container Service Inc., N&K Cartage Co. Inc., Lake Erie Transportation Co. Inc., Roy Track Inc., and Carlson Truck Service.

Benchmark's assessment revealed the following RECs in connection with the Site:

- The long history of commercial and industrial operations (i.e., machine shops, tin shops, iron ore yards, railroads, shipbuilding companies, trucking companies with repair, and construction companies) with numerous USTs and various regulatory listings. In addition, the Site was historically used as a storage yard and repair shop for Waste Management of New York's Downing Container Division garbage pickup, roll off and rental operations.
- Concrete reportedly associated with former USTs/pump island areas were observed by Benchmark during the site visit as was black staining.

- The oil/water separator is considered a REC as the integrity of the oil/water separator is unknown.
- The unknown pipe identified protruding from the ground in the northeastern corner of Building 1 is considered a REC as the exact nature of the pipe is unknown and could not be verified by the Site contact.
- The numerous 55-gallon drums/barrels located in Building 2 are considered RECs as Benchmark could not verify the contents of the drums/barrels.
- It is possible that impacted fill material from unknown sources was brought to the property to use as backfill across the Site including a former boat slip area and former structure areas.

In consideration of the RECs detailed above, this Phase II was completed to further assess subsurface soil/fill and groundwater conditions at the Site.

2.0 SITE INVESTIGATION ACTIVITIES

2.1 Soil Boring Investigation

On January 24, 2019 and January 25, 2019, Benchmark's subcontractor, TREC Environmental, Inc. (TREC), mobilized a 6620DT Geoprobe direct-push drill rig equipped with a two-inch diameter, 48-inch long macro-core sampler to the Site to assess subsurface conditions on exterior portions of the Site. As shown on Figure 2, 21 soil borings designated as SB-1 through SB-21 were completed at the Site. The soil borings were advanced to depths ranging between 8 feet below ground surface (fbgs) and 16 fbgs.

The physical characteristics of all soil borings were classified using the ASTM D2488 Visual-Manual Procedure Description. Soil/fill from each soil boring was screened via headspace screening using a MiniRae 2000 Photoionization Detector (PID). Visual and/or olfactory observations, if any, were noted. All field observations, including lithology, depths, PID scan results, etc., at each investigation location are summarized on the soil boring logs included in Appendix A. Photographs taken during the work are included in Appendix B.

A total of twelve soil/fill samples were selected for laboratory analysis for Target Compound List (TCL) plus Commissioners Policy-51 (CP-51) volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), Resource Conservation and Recovery Act (RCRA) metals, and/or polychlorinated biphenyls (PCBs). The soil samples collected as part of the investigation were transported under chain-of custody command for analysis to TestAmerica Laboratories, Inc. (TestAmerica) in Amherst, New York. Samples were collected in laboratory provided sample jars and cooled to 4 C° prior to transport.

2.2 Groundwater Sampling

Four soil borings, SB-1W, SB-8W, and SB-13W, and SB20W, were converted into temporary one-inch diameter monitoring wells. The temporary wells were installed using one-inch diameter Schedule 40 PVC well screen and riser. Groundwater grab samples were collected from the temporary wells using a dedicated and disposable 0.5" polyethylene bailer subsequent to purging a minimum of three well volumes from each well. The temporary wells were manually decommissioned (pulled) following groundwater sampling activities. The resulting open annulus was backfilled with Site soils.

Additionally, two existing two-inch diameter monitoring wells previously installed by others (designated by Benchmark as MW-1 and MW-2) located in the central portion of the Site, were sampled by Benchmark utilizing a 1.5" polyethylene bailer. Existing monitoring wells on the northwest (MW-3) northeast (MW-4) portions of the Site could not be sampled as the wells are damaged.

Six groundwater samples were placed in pre-cleaned laboratory provided sample bottles, cooled to 4 °C in the field, and transported under chain-of-custody to TestAmerica for analysis of TCL plus CP-51 VOCs.

3.0 INVESTIGATION FINDINGS

3.1 Site Geology/Hydrogeology

The overburden geology observed during the soil boring investigation is generally described as non-native black fill materials at depths ranging between 2 fbgs and 10 fbgs overlying native soils consisting of sandy lean clay and/or fine sand to a depth of at least 16 fbgs (see the Soil Boring Logs provided in Appendix A). Fill materials encountered during this investigation consisted of gravel with sand and/or black granular material mixed with cinders, brick, concrete, and/or glass.

Groundwater was encountered during the drilling work at all soil boring investigation locations at depths ranging from near surface at 3 fbgs in the northernmost boring locations and between approximately 5 fbgs to 8 fbgs in the remainder of the Site. Groundwater levels measured in the two existing wells and four temporary wells prior to sampling ranged between 1.5 fbgs and 6.3 fbgs.

Groundwater flow is likely to the east or west toward the Buffalo River. Local groundwater flow, however, may be influenced by subsurface features, such as excavations, utilities, and localized fill-conditions.

3.2 Field Observations

Soil samples from the soil boring investigation were observed and scanned via headspace screening for volatile organics using a PID. A description of the field observations during the soil boring investigations are presented below:

Investigation Location ID	Environmental Concern Assessed	Highest PID reading (parts per million, ppm) and depth (fbgs)	Other Observations
SB-1	Former USTs and/or pump islands	0	Fill to 9 fbgs.
SB-2		72.2 ppm, 5.5-8 fbgs	Black staining, visible oily product within soil, petroleum-like odor, fill to 10 fbgs
SB-3		0	Fill to 5 fbgs.
SB-4		0	Fill to 4 fbgs.
SB-5		0	Fill to 2 fbgs.
SB-6		0	Fill to 5 fbgs.

Investigation Location ID	Environmental Concern Assessed	Highest PID reading (parts per million, ppm) and depth (fbgs)	Other Observations
SB-7	Former USTs and tin/pipe shop building	0	Fill to 4.5 fbgs.
SB-8	Former USTs and/or pump islands	45.7 ppm, 2-4 fbgs	Black staining, petroleum-like odors, sheen on water in sleeve, fill to 4 fbgs.
SB-9		0	Minimal return
SB-10		13.2 ppm, 4 fbgs	Black staining, petroleum-like odors, sheen on water in sleeve, fill to 5 fbgs.
SB-11		24.9 ppm, 8 fbgs	Black staining, petroleum-like odors, fill to 8 fbgs.
SB-12		0	Fill to 4 fbgs.
SB-13	Former roll-off storage area	0	Fill to 6 fbgs.
SB-14	Former boat dock/slip areas ang general site conditions	0	Fill to 6 fbgs.
SB-15		0	Fill to 5 fbgs.
SB-16	Delineation of field impacts noted at SB-2.	0	Fill to 5 fbgs.
SB-17		35.3 ppm, 5-7 fbgs	Black staining, petroleum-like odors, fill to 7.5 fbgs.
SB-18		0	Fill to 9 fbgs.
SB-19		0	Fill to 4 fbgs.
SB-20	Existing oil/water separator and pipe of unknown nature	0	Fill to 5.5 fbgs
SB-21	Former sheet metal shop building	0	Fill to 3 fbgs.

3.3 NYSDEC Spill Incident

Due to the field evidence of petroleum impacts (i.e., oily product) observed at SB-2 (127 Buffalo River parcel), as required by law, the New York State Department of Environmental Conservation (NYSDEC) was notified and Spill No. 1810799 was assigned to the 127 Buffalo River parcel. Ms. Francine Gallego of the Region 9 office is reportedly the NYSDEC Spill Engineer assigned to the spill incident.

3.4 Soil Analytical Results

Table 1 presents a summary of the laboratory analytical results. For comparative purposes, Table 1 includes CP-51 Soil Cleanup Levels (SCLs), 6NYCRR Part 375 Unrestricted Soil Cleanup Objectives (USCOs), Commercial SCOs (CSCOs), and Industrial SCOs (ISCOs). Appendix C contains a copy of the laboratory analytical data package.

PAHs were identified at concentrations exceeding CP-51 SCLs, USCOs, CSCOs and/or ISCOs in five soil/fill samples collected across the Site at SB-7, SB-8, SB-13, SB-14 and SB-21.

Metals were identified at concentrations exceeding USCOs, CSCOs and/or ISCOs in eight soil/fill samples collected across the Site at SB-7, SB-8, SB-10, SB-13, SB-14, SB-15, SB-20 and SB-21. CSCO and/or ISCO exceedances were identified at SB-7 (arsenic at 22 mg/kg), SB-8 (barium at 500 mg/kg and lead at 1,550 mg/kg), SB-13 (arsenic at 20.9 mg/kg), SB-14 (arsenic at 23.4 mg/kg), SB-15 (mercury at 12.6 mg/kg), SB-20 (arsenic at 20.3 mg/kg and lead at 1,030 mg/kg), and SB-21 (arsenic at 16.6 mg/kg).

PCBs were not identified at a concentration above laboratory detection limits in the soil/fill samples collected across the Site.

VOCs were either not detected at concentrations above laboratory detection limits or concentrations were below CP-51 SCLs and USCOs. In the case of SB-2 where field evidence of petroleum impact was identified, this suggests weathered petroleum.

A summary of impacts at the Site is provided as Figure 3.

3.5 Groundwater Analytical Results

Groundwater sample results are summarized on Table 3 with comparison to Class GA Groundwater Quality Standards (GWQS) per NYSDEC Technical and Operational Guidance Series (TOGS 1.1.1). A copy of the complete laboratory analytical data package is included in Appendix C.

As indicated on Table 3, VOC concentrations in all six groundwater samples collected across the Site were either not detected above laboratory detection limits or concentrations were significantly below their respective Class GA GWQS.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the Phase II Environmental Investigation at the Site, Benchmark offers the following conclusions and recommendations:

- The seven-acre Site has a long commercial and industrial history with operations including machine shops, tin shops, iron ore yards, railroads, storage yard and repair shop for a disposal facility, shipbuilding companies, trucking companies with repair/washing, and construction companies. In addition, numerous USTs and a boat slip that was backfilled with fill materials from unknown origins were identified in connection with the Site.
- Field evidence of petroleum impact (i.e., oily product, staining, odors and elevated PID readings) was noted in a former UST/pump island area at SB-2 and a proximate southern boring (SB-17) on the 127 Buffalo River parcel.
- Due to the field evidence of petroleum impacts, as required by law, the NYSDEC was notified and Spill No. 1810799 was assigned to the 127 Buffalo River parcel. Francine Gallego is reportedly the NYSDEC Spill Engineer assigned to the spill incident.
- The highest PID reading identified during the work (72.2 ppm) was noted at SB-2. Additional elevated PID readings were identified across the Site at SB-8 (45.7 ppm), SB-10 (13.2 ppm), SB-11 (24.9 ppm) and SB-17 (35.3 ppm) with odors noted. A sheen on water was noted at SB-8 and SB-10.
- Fill material mainly consisting of gravel with sand and/or black granular material mixed with cinders, brick, concrete, and/or glass was noted across the Site at depths ranging between 2 and 10 fbgs.
- Analytical results indicate the presence of fill materials impacted by PAHs and metals across the Site with concentrations exceeding 6NYCRR Part 375 USCOs, CSCOs and ISCOs. To a lesser extent, based on laboratory results and/or field observations, weathered petroleum impacts are present in a former tank/pump island area on the southern portion of the Site at SB-2 and SB-17 on the 127 Buffalo River Parcel. Field observations also indicate a sheen on groundwater on the northern portion of the Site (191 Ganson Street) at SB-8 and SB-10.
- VOC concentrations in groundwater samples were either not detected above laboratory detection limits or were at concentrations below GWQS.
- We understand the property is being considered for redevelopment. Based on the findings detailed above, the Site is a potential candidate for the New York Brownfield Cleanup Program (BCP). Regardless of whether the BCP is pursued, the NYSDEC will require that Spill No. 1810799 be properly addressed by the property owner. Further, impacted fill present on-Site will require exposure control, remediation and/or proper soil management either prior to or during the redevelopment project.

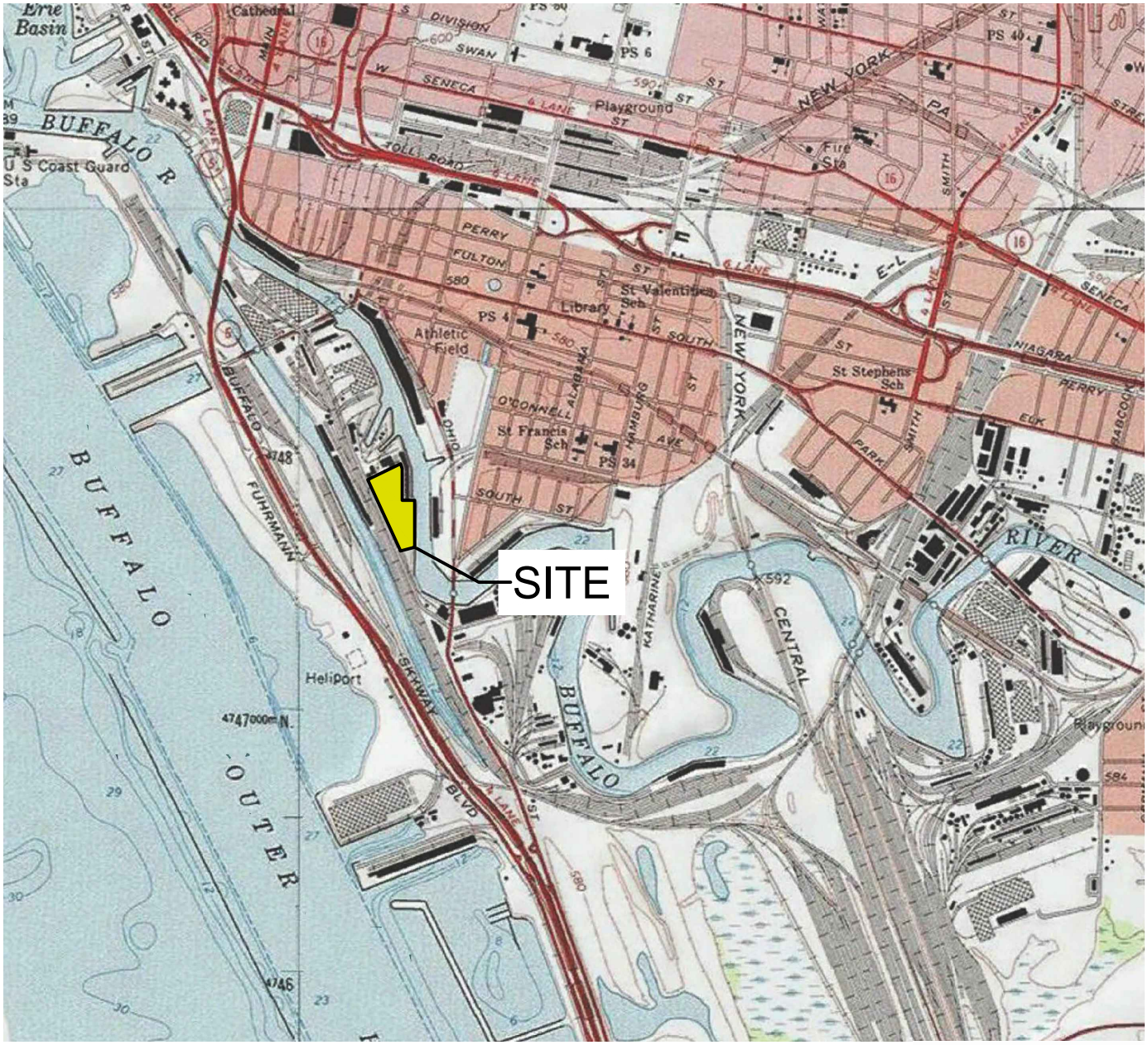
5.0 LIMITATIONS

This report has been prepared for the exclusive use of SpotOne, LLC. The contents of this report are limited to information available at the time of the Site investigation activities and to data referenced herein, and assume all referenced historic information sources to be true and accurate. The findings herein may be relied upon only at the discretion of SpotOne, LLC. Use of or reliance on this report or its findings by any other person or entity is prohibited without written permission of Benchmark Environmental Engineering & Science, PLLC.

FIGURES

F:\CAD\Benchmark\SpotOne, LLC\Figure 1 - Site Location and Vicinity Map.dwg

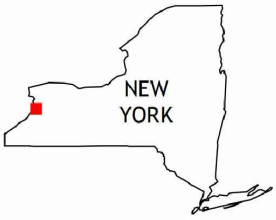
FIGURE 1



N

2000' 0' 2000' 4000'

SCALE: 1 INCH = 2000 FEET
SCALE IN FEET
(approximate)



BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

PROJECT NO.: B0465-018-001

DATE: FEBRUARY 2019

DRAFTED BY: CMS

SITE LOCATION AND VICINITY MAP

PHASE II ENVIRONMENTAL SITE INVESTIGATION

145 GANSON STREET
(AKA 127 BUFFALO RIVER AND 189-191 GANSON STREET)
BUFFALO, NEW YORK

PREPARED FOR

SPOTONE, LLC

DISCLAIMER:
PROPERTY OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC. IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. INFORMATION CONTAINED HEREON IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN NECESSARY SUBCONTRACTORS & SUPPLIERS WITHOUT THE WRITTEN CONSENT OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC.

F:\CAD\Benchmark\SpotOne, LLC\Figure 2 - Investigation Location.dwg

DATE: FEBRUARY 2019
DRAFTED BY: CMS

LEGEND:

PROPERTY BOUNDARY

PARCEL BOUNDARY

SB-1 SOIL BORING

SB-2W SOIL BORING/ TEMPORARY MONITORING WELL

MW-1 EXISTING MONITORING WELL LOCATION (BY AFI, 1994)

NOTE: FORMER RAILROAD TRACKS SITEWIDE
FILL OBSERVED SITEWIDE

LOCATION OF FORMER GASOLINE PUMPS
MW-4 (DAMAGED)
SB-13W
SB-12
APPROXIMATE LOCATION OF FORMER PAINT SHOP
SB-11
SB-9
SB-10
SB-8W
LOCATION OF FORMER USTs
MW-3 (DAMAGED)
BUILDING 2
APPROXIMATE LOCATION OF FORMER TIN/PIPE SHOP
191 GANSON ST
SB-7
LOCATION OF FORMER USTs
SB-6
BUFFALO RIVER
SB-14
GANSON STREET
MW-1
189 GANSON ST
MW-2
APPROXIMATE LOCATION OF FORMER BOAT SLIP
SB-15
LOCATION OF FORMER GASOLINE TANK, PER 1925 AND 1951 SANBORNS
EXISTING 10,000-GAL. AST
SB-5
EXISTING OIL-WATER SEPARATOR
SB-4
SB-21
EXISTING PIPE OF UNKNOWN NATURE
SB-3
SB-20W
BUILDING 1
APPROXIMATE LOCATION OF FORMER SHEET METAL SHOP
SB-1
LOCATION OF FORMER USTs AND PUMP ISLAND
LOCATION OF FORMER USTs AND PUMP ISLAND
SB-16
SB-19
SB-17
SB-2W
SB-18
127 BUFFALO RIVER
APPROXIMATE LOCATION OF FORMER IRON ORE YARDS

N

100' 0' 100' 200'

SCALE: 1 INCH = 100 FEET
SCALE IN FEET
(approximate)

FIGURE 2

INVESTIGATION LOCATIONS

PHASE II ENVIRONMENTAL SITE INVESTIGATION

145 GANSON STREET
(AKA 127 BUFFALO RIVER AND 189-191 GANSON STREET)
BUFFALO, NEW YORK

PREPARED FOR
SPOTONE, LLC

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

JOB NO.: B0465-018-001

DISCLAIMER:
PROPERTY OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC. IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. INFORMATION CONTAINED HEREON IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN NECESSARY SUBCONTRACTORS & SUPPLIERS WITHOUT THE WRITTEN CONSENT OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC.

F:\CAD\Benchmark\SpotOne, LLC\Figure □ - AreaBofConcern.dwg

DATE: FEBRUARY 2019
DRAFTED BY: CMS

LEGEND:

PROPERTY BOUNDARY
PARCEL BOUNDARY
SB-1 SOIL BORING
SB-2W SOIL BORING/ TEMPORARY MONITORING WELL
MW-1 EXISTING MONITORING WELL LOCATION (BY AFI, 1994)
PAHs EXCEEDING CSCOs AND/OR ISCOs
METALS EXCEEDING CSCOs AND/OR ISCOs
ELEVATED PID READINGS

NOTE: FORMER RAILROAD TRACKS SITEWIDE FILL OBSERVED SITEWIDE

PETROLEUM-LIKE ODORS, SHEEN ON WATER IN SLEEVE
MW-4 (DAMAGED)
SB-13W
SB-12
PETROLEUM-LIKE ODORS
SB-11
SB-9
SB-10
SB-8W
MW-3 (DAMAGED)
BUILDING 2
SB-7
SB-6
BUFFALO RIVER
SB-14
GANSON STREET
MW-1
MW-2
SB-15
SB-5
SB-4
SB-21
SB-20W
SB-3
BUILDING 1
BLACK STAINING, PETROLEUM-LIKE ODORS, OILY PRODUCT SPILL NO. 1810799
SB-1
SB-16
SB-19
SB-17
SB-2W
SB-18
PETROLEUM-LIKE ODORS

N
100' 0' 100' 200'
SCALE: 1 INCH = 100 FEET
SCALE IN FEET
(approximate)

FIGURE □

AREAS □F □□N□ERN

PHASE II ENVIRONMENTAL SITE INVESTIGATION

145 GANSON STREET
(AKA 127 BUFFALO RIVER AND 189-191 GANSON STREET)
BUFFALO, NEW YORK

PREPARED FOR
SPOTONE, LLC

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0599

JOB NO.: B0465-018-001

DISCLAIMER:
PROPERTY OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC. IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. INFORMATION CONTAINED HEREON IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN NECESSARY SUBCONTRACTORS & SUPPLIERS WITHOUT THE WRITTEN CONSENT OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC.

TABLES

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TABLE 1

SUMMARY OF SUBSURFACE SOIL/FILL SAMPLE ANALYTICAL RESULTS
PHASE II ENVIRONMENTAL INVESTIGATION REPORT
145 GANSON STREET (AKA 127 BUFFALO RIVER AND 189-191 GANSON STREET)
BUFFALO, NEW YORK

PARAMETER[1]	CP-51 SCLs [2]	Unrestricted Use SCOs [3]	Commercial Use SCOs [3]	Industrial Use SCOs [3]	Sample Location (Depth - ft)												
					SB-2 (6-8)	SB-4 (2-4)	SB-7 (2.5-4.5)	SB-8 (2-4)	SB-10 (2.5-4.5)	SB-11 (6-8)	SB-13 (2-4)	SB-14 (2-4)	SB-15 (2-5)	SB-16 (3-5)	SB-17 (6-8)	SB-20 (3-6)	SB-21 (2-4)
					1/24/2019						1/25/2019						
Volatile Organic Compounds (VOCs) - mg/Kg [4]																	
1,2,4-Trimethylbenzene	**3.6**	**3.6**	**190**	**380**	ND	--	--	ND	ND	0.49	--	--	--	--	ND	--	--
2-Butanone (MEK)	**--**	**0.12**	**500**	**1000**	ND	--	--	0.009 J vs	0.0063 J vs	ND	--	--	--	--	ND	--	--
Acetone	**--**	**0.05**	**500**	**1000**	ND	--	--	0.049 vs	0.044 vs	ND	--	--	--	--	ND	--	--
Benzene	**0.06**	**0.06**	**44**	**89**	ND	--	--	0.0023 J vs	ND	ND	--	--	--	--	ND	--	--
Cyclohexane	**--**	**--**	**--**	**--**	ND	--	--	ND	ND	0.19	--	--	--	--	ND	--	--
Isopropylbenzene (Cumene)	**2.3**	**--**	**--**	**--**	ND	--	--	ND	ND	0.05 J	--	--	--	--	ND	--	--
Methyl acetate	**--**	**--**	**--**	**--**	0.14 J	--	--	ND	ND	ND	--	--	--	--	ND	--	--
Methylcyclohexane	**--**	**--**	**--**	**--**	ND	--	--	ND	ND	0.097 J	--	--	--	--	ND	--	--
Methylene chloride	**--**	**0.05**	**500**	**1000**	ND	--	--	0.0029 J vs B	ND	ND	--	--	--	--	ND	--	--
n-Butylbenzene	**12**	**12**	**500**	**1000**	ND	--	--	ND	ND	0.1 J	--	--	--	--	0.39 J	--	--
n-Propylbenzene	**3.9**	**3.9**	**500**	**1000**	ND	--	--	ND	ND	0.14	--	--	--	--	ND	--	--
sec-Butylbenzene	**11**	**11**	**500**	**1000**	ND	--	--	ND	ND	0.067 J	--	--	--	--	ND	--	--
Total Xylenes	**0.26**	**0.26**	**500**	**1000**	0.031 J	--	--	ND	ND	0.12 J	--	--	--	--	ND	--	--
Polycyclic Aromatic Hydrocarbons (PAHs) - mg/Kg [4]																	
Acenaphthene	**20**	**20**	**500**	**1000**	0.42 J	ND	1.8	ND	ND	0.094 J	1.7	0.32 J	ND	ND	0.66	ND	5.2
Acenaphthylene	**100**	**100**	**500**	**1000**	ND	ND	0.23 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	3
Anthracene	**100**	**100**	**500**	**1000**	ND	ND	2.8	0.35 J	0.068 J	0.089 J	5.9	1 J	ND	ND	0.24	ND	14
Benzo(a)anthracene	**1**	**1**	**5.6**	**11**	ND	ND	**4.7**	1 J	0.21 J	0.21	**13**	**2.1**	ND	0.076 J	ND	0.2 J	**30**
Benzo(a)pyrene	**1**	**1**	**1**	**1.1**	ND	0.053 J	**4.4**	0.89 J	0.18 J	0.22	**12**	**1.8**	ND	0.082 J	ND	0.18 J	**31**
Benzo(b)fluoranthene	**1**	**1**	**5.6**	**11**	ND	0.07 J	**5.4**	**1.3**	0.32	0.3	**14**	**2.4**	0.22 J	0.14 J	ND	0.22 J	**35**
Benzo(ghi)perylene	**100**	**100**	**500**	**1000**	ND	0.075 J	3.1	0.86 J	0.19 J	0.23	8.5	1.4	0.26 J	0.15 J	ND	0.29 J	21
Benzo(k)fluoranthene	**0.8**	**0.8**	**56**	**110**	ND	0.027 J	**2.1**	0.54 J	ND	0.18 J	**5.2**	**1.1**	ND	0.053 J	ND	ND	**13**
Chrysene	**1**	**1**	**56**	**110**	ND	0.12 J	**5.1**	**1.2**	0.23	0.24	**12**	**2.1**	0.27 J	0.1 J	ND	0.23 J	**30**
Dibenzo(a,h)anthracene	**0.33**	**0.33**	**0.56**	**1.1**	ND	ND	ND	ND	ND	0.074 J	ND	ND	ND	ND	ND	ND	**6.7**
Fluoranthene	**100**	**100**	**500**	**1000**	ND	0.059 J	12	1.8	0.39	0.45	31	4.5	0.26 J	0.11 J	0.083 J	0.3 J	77
Fluorene	**30**	**30**	**500**	**1000**	0.69 J	ND	1.7	ND	ND	ND	1.5	0.39 J	ND	ND	1.4	ND	5.3
Indeno(1,2,3-cd)pyrene	**0.5**	**0.5**	**5.6**	**11**	ND	0.046 J	**2.6**	**0.71 J**	0.15 J	0.2 J	**7.6**	**1.2**	0.21 J	0.1 J	ND	0.18 J	**19**
Naphthalene	**12**	**12**	**500**	**1000**	ND	0.081 J	0.85	ND	0.041 J	ND	0.46 J	0.14 J	ND	ND	ND	ND	3.2
Phenanthrene	**100**	**100**	**500**	**1000**	1.3	0.21 J	13	1 J	0.26	0.33	25	3.7	0.32 J	0.12 J	3.3	0.46 J	58
Pyrene	**100**	**100**	**500**	**1000**	0.2 J	ND	10	1.6	0.34	0.4	24	3.7	0.22 J	0.11 J	0.4	0.32 J	68
Metals - mg/Kg																	
Arsenic	**--**	**13**	**16**	**16**	--	8.4	**22**	**13.3**	9.3	--	**20.9**	**23.4**	**14.3**	6.5	--	**20.3**	**16.6**
Barium	**--**	**350**	**400**	**10000**	--	25.7	209	**500**	169	--	124	84.1	331	91.8	--	118	197
Cadmium	**--**	**2.5**	**9.3**	**60**	--	0.2 J	0.65	0.69	0.65	--	0.79	ND	0.65	0.32	--	ND	0.53
Chromium	**--**	**30**	**1500**	**6800**	--	6.6	13.7	16.5	20.3	--	21	16.8	12.4	11.7	--	16.2	14.3
Lead	**--**	**63**	**1000**	**3900**	--	20.5 B	**275 B**	**1550 B**	**518 F2 B**	--	**125 B**	**304 B**	**438 B**	39 B	--	**1030 B**	**361 B**
Mercury	**--**	**0.18**	**2.8**	**5.7**	--	0.033	**0.27**	**1.1**	**0.34**	--	**0.23**	**0.61**	**12.6**	0.048	--	0.099	**0.75**
Selenium	**--**	**3.9**	**1500**	**6800**	--	ND	2.2 J	1.4 J	1.2 J	--	1.1 J	2.7 J	1.9 J	1.4 J	--	2.3 J	1.6 J
Silver	**--**	**2**	**1500**	**6800**	--	ND	0.3 J	ND	ND	--	ND	ND	ND	ND	--	ND	ND
Polychlorinated biphenyls (PCBs) - mg/Kg																	
Total PCBs	**0.1**	**0.1**	**1**	**25**	ND	ND	--	--	--	--	--	ND	ND	--	ND	--	--

Notes:
1. Only those parameters detected at a minimum of one sample location are presented in this table; other compounds were reported as non-detect.
2. Values per NYSDEC CP-51 Soil Cleanup Levels (SCLs) for gasoline impacted sites.
3. Values per NYSDEC Part 375 Soil Cleanup Objectives (SCOs).
4. Sample results were reported by the laboratory in ug/kg and converted to mg/kg for comparisons to SCOs.

Definitions:
ND = Parameter not detected above laboratory detection limit.
"--" = No value available for the parameter; Parameter not analyzed for.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.
F2 = MS/MSD RPD exceeds control limits
B = Compound was found in the blank and sample.
vs = Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A-L.

Bold	= Result exceeds Unrestricted Use SCOs and/or CP-51 SCL.
Bold	= Result exceeds Commercial Use SCOs.
Bold	= Result exceeds Industrial use SCOs.

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
PHASE II ENVIRONMENTAL INVESTIGATION REPORT
145 GANSON STREET (AKA 127 BUFFALO RIVER AND 189-191 GANSON STREET
BUFFALO, NEW YORK

PARAMETER[1]	GWQS[2]	Sample Location					
		SB-2W	SB-8W	SB-13W	SB-20W	MW-1	MW-2
		1/25/2019					
Volatile Organic Compounds (VOCs) - ug/L							
2-Butanone	**50**	ND	2.8 J	ND	ND	ND	ND
Acetone	**50**	ND	21	7 J	9.2 J	6.5 J	8.9 J
Benzene	**1**	ND	0.48 J	ND	ND	ND	ND
Methylene Chloride	**5**	ND	ND	ND	0.53 J	ND	0.57 J

Notes:
1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC Division of Water Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations - Class GA (TOGS 1.1.1)

Definitions:
ND = Parameter not detected above laboratory detection limit.
"--" = Sample not analyzed for parameter or no SCO available for the parameter.
J = Estimted Value - Below calibration range.
BOLD = Result exceeds GWQS.

APPENDIX A

SOIL BORING LOGS

Project No: B0465-018-001

Borehole Number: SB-1

Project: Phase II

A.K.A.:

Client: SpotOne, LLC

Logged By: CMS

Site Location: 145 Ganson St (127 Buff Riv & 189-191 Ganson St)

Checked By: BWM

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0599

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (%)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Fill - Gravel with Sand***					0.0		
					83%		0.0		
							0.0		
	-3.5 / 3.5	Black wood lens					0.0		
	-4.0 / 4.0	***Fill - Sandy Lean Clay*** Dark brown and grey, moist, mostly reworked medium plastic fines, some fine sand, no odor.					0.0		
5.0							0.0		
	-5.5 / 5.5	Sand lens					0.0		
	-6.0 / 6.0	Black wood lens			96%		0.0		
	-7.0 / 7.0	***Fill - Gravel*** Black gravel, with sandy lean clay, trace red brick, trace glass, no odor.					0.0		Water level
	-7.5 / 7.5	***Fill - Sandy Lean Clay*** As above, wet at 8 fbgs.					0.0		
	-9.0 / 9.0	***Native - Lean Clay*** Dark brown, wet, mostly medium plastic fines, trace fine sand, soft, medium density, no odor.					0.0		
10.0	-10.0 / 10.0	Black wood lens			83%		0.0		
							0.0		
	-12.0 / 12.0	End of Borehole					0.0		

Drilled By: Trec Environmental
Drill Rig Type: 6620DT
Drill Method: Direct push
Comments:
Drill Date(s): 1/24/2019

Hole Size: 2"
Stick-up:
Datum:

Sheet: 1 of 1

Project No: B0465-018-001

Borehole Number: SB-2

Project: Phase II

A.K.A.: SB-2W

Client: SpotOne, LLC

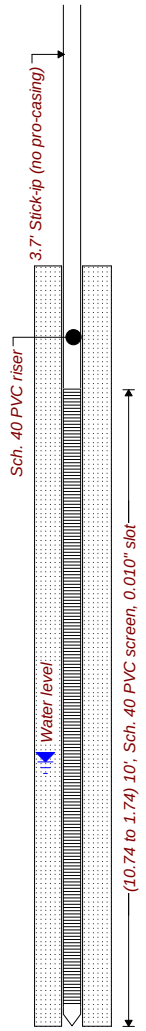
Logged By: CMS

Site Location: 145 Ganson St (127 Buff Riv & 189-191 Ganson St)

Checked By: BWM

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0599

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (%)	Symbol	PID VOCs ppm (0 – 50 – 100)	Lab Sample	Well Completion Details or Remarks
-4.0									
	0.0	Ground Surface							
	0.0	***Fill - Crushed Gravel with Sand***					0.0		
	-0.5 / 0.5	***Fill - Poorly Graded Sand with Gravel*** Brown, moist, mostly fine sand, some angular gravel, no odor.					0.0		
1.0					71%				
	-2.5 / 2.5	***Fill - Poorly Graded Sand*** Light brown, moist, fine sand, wet at 7 fbgs.					0.0		
							0.0		
							0.0		
6.0	-6.0 / 6.0	Black staining, oily product, petroleum-like odors from 6-10 fbgs.			46%		72.2	Sample location	
							72.2		
							72.2		
							17.4		
	-10.0 / 10.0	***Native - Lean Clay*** Dark brown to grey, moist, mostly medium plastic fines, trace fine sand, medium density, medium toughness, no odor.			94%		6.8		
11.0							3.2		
	-12.0 / 12.0	End of Borehole					1.1		



Drilled By: Trec Environmental
Drill Rig Type: 6620DT
Drill Method: Direct push
Comments:
Drill Date(s): 1/24/2019

Hole Size: 2"
Stick-up: 3.5'
Datum:

Sheet: 1 of 1

Project No: B0465-018-001

Borehole Number: SB-3

Project: Phase II

A.K.A.:

Client: SpotOne, LLC

Logged By: CMS

Site Location: 145 Ganson St (127 Buff Riv & 189-191 Ganson St)

Checked By: BWM

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0599

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (%)	Symbol	PID VOCs ppm (0 / 50 / 100)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Fill - Gravel with Sand***					0.0		
	-1.5 / 1.5	***Fill - Well Graded Sand*** Brown, moist, no odor.					0.0		
	-2.0 / 2.0	***Fill - Sandy Lean Clay*** Reddish brown, moist, mostly reworked medium plastic fines, some fine sand, some angular gravel, medium density, medium toughness, no odor.			56%		0.0		
	-4.5 / 4.5	Wood lens					0.0		
5.0	-5.0 / 5.0	***Native - Sandy Lean Clay*** Brown to grey, moist, mostly medium plastic fines, some fines sand, medium density, medium toughness, no odor.			58%		0.0		
	-8.5 / 8.5	***Native - Poorly Graded Sand*** Brown, wet, mostly fine sand, some medium plastic fines, no odor.					0.0		Water level
10.0	-10.0 / 10.0	***Native - Lean Clay*** Dark brown, wet, mostly medium plastic fines, trace fine sand, medium density, medium toughness, no odor.			65%		0.0		
	-12.0 / 12.0	End of Borehole					0.0		

Drilled By: Trec Environmental
Drill Rig Type: 6620DT
Drill Method: Direct push
Comments:
Drill Date(s): 1/24/2019

Hole Size: 2"
Stick-up:
Datum:

Sheet: 1 of 1

Project No: B0465-018-001

Borehole Number: SB-4

Project: Phase II

A.K.A.:

Client: SpotOne, LLC

Logged By: CMS

Site Location: 145 Ganson St (127 Buff Riv & 189-191 Ganson St)

Checked By: BWM

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0599

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (%)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Fill - Gravel with Sand***					0.0		
	-1.0 1.0	***Fill - Black Granular*** Black, mostly medium grained cinders, some medium grained sand, some concrete, some red brick, no odor.					0.0		
	-2.0 2.0	Broken concrete lens			67%		0.0		
	-2.5 2.5	Wood lens					0.0		
	-3.0 3.0	Brown sand lens					0.0	Sample location	
	-4.0 4.0	***Native - Lean Clay*** Brown to grey, moist, mostly medium plastic fines, trace fine sand, medium density, medium toughness, no odor.					0.0		
5.0							0.0		
					88%		0.0		
	-7.0 7.0	***Native - Sandy Lean Clay*** Brown, wet, mostly medium plastic fines, some fine sand, soft, medium density, no odor.					0.0		
							0.0		
10.0					81%		0.0		
	-11.0 11.0	***Native - Lean Clay*** Dark brown, wet, mostly medium plastic fines, trace fine sand, soft, medium density, no odor.					0.0		
	-12.0 12.0	End of Borehole					0.0		

Water level

Drilled By: Trec Environmental
Drill Rig Type: 6620DT
Drill Method: Direct push
Comments:
Drill Date(s): 1/24/2019

Hole Size: 2"
Stick-up:
Datum:

Sheet: 1 of 1

Project No: B0465-018-001

Borehole Number: SB-5

Project: Phase II

A.K.A.:

Client: SpotOne, LLC

Logged By: CMS

Site Location: 145 Ganson St (127 Buff Riv & 189-191 Ganson St)

Checked By: BWM

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0599

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (%)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Fill - Gravel with Sand***					0.0		
	-0.5 / 0.5	***Fill - Poorly Graded Sand with Gravel*** Dark brown to light brown, moist, mostly fine sand, some angular gravel, no odor.					0.0		
	-1.0 / 1.0	***Fill - Black Granular*** Black, mostly medium grained cinders, some medium grained sand, some concrete, some red brick, no odor.					0.0		
	-2.0 / 2.0	***Native - Lean Clay*** Reddish brown to brown, moist, mostly medium plastic fines, trace fine sand, medium toughness, medium density, no odor.			60%		0.0		
5.0							0.0		Water level
	-5.5 / 5.5	***Native - Poorly Graded Sand with Clay*** Brown, wet, mostly fine sand, some medium plastic fines, no odor.			63%		0.0		
	-8.5 / 8.5	***Native - Lean Clay*** As above, wet.					0.0		
10.0					60%		0.0		
	-11.5 / 11.5	***Native - Poorly Graded Sand with Clay*** As above.					0.0		
	-12.0 / 12.0	End of Borehole							

Drilled By: Trec Environmental
Drill Rig Type: 6620DT
Drill Method: Direct push
Comments:
Drill Date(s): 1/24/2019

Hole Size: 2"
Stick-up:
Datum:

Sheet: 1 of 1

Project No: B0465-018-001

Borehole Number: SB-6

Project: Phase II

A.K.A.:

Client: SpotOne, LLC

Logged By: CMS

Site Location: 145 Ganson St (127 Buff Riv & 189-191 Ganson St)

Checked By: BWM

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0599

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (%)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Fill - Gravel with Sand***					0.0		
	-2.0 / 2.0	Broken concrete lens			38%		0.0		
	-2.5 / 2.5	Brown sand lens					0.0		
	-3.0 / 3.0	Black gravel from 3-5 fbgs.					0.0		
5.0	-5.0 / 5.0	***Native - Poorly Graded Sand with Clay*** Brown, moist, mostly fine sand, some medium plastic fines, no odor.			38%		0.0		
							0.0		
							0.0		
	-8.0 / 8.0	***Native - Sandy Lean Clay*** Brown, wet, mostly medium plastic fines, some fine sand, medium density, medium toughness, no odor.					0.0		
							0.0		
10.0					67%		0.0		
							0.0		
	-12.0 / 12.0	End of Borehole					0.0		Water level

Drilled By: Trec Environmental
Drill Rig Type: 6620DT
Drill Method: Direct push
Comments:
Drill Date(s): 1/24/2019

Hole Size: 2"
Stick-up:
Datum:

Sheet: 1 of 1

Project No: B0465-018-001

Borehole Number: SB-7

Project: Phase II

A.K.A.:

Client: SpotOne, LLC

Logged By: CMS

Site Location: 145 Ganson St (127 Buff Riv & 189-191 Ganson St)

Checked By: BWM

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0599

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (%)	Symbol	PID VOCs ppm (0 / 12.5 / 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0 / 0.0	Ground Surface							
		Fill - Gravel with Sand					0.0		
	-1.5 / 1.5	***Fill - Black Granular*** Black, mostly medium grained cinders, some medium grained sand, some concrete, some red brick, no odor.			65%		0.0		
							0.0	Sample location	
	-4.5 / 4.5	***Native - Poorly Graded Sand with Clay*** Brown, moist, mostly fine sand, some medium plastic fines, no odor.					0.0		
5.0							0.0		
	-6.0 / 6.0	***Native - Sandy Lean Clay*** Dark brown, moist to wet at 9 fbgs, mostly medium plastic fines, trace fine sand, medium toughness to soft, medium density, no odor.			54%		0.0		
							0.0		
							0.0		
							0.0		Water level
10.0					83%		0.0		
							0.0		
	-12.0 / 12.0	End of Borehole					0.0		

Drilled By: Trec Environmental
Drill Rig Type: 6620DT
Drill Method: Direct push
Comments:
Drill Date(s): 1/24/2019

Hole Size: 2"
Stick-up:
Datum:

Sheet: 1 of 1

Project No: B0465-018-001

Borehole Number: SB-8

Project: Phase II

A.K.A.: SB-8W

Client: SpotOne, LLC

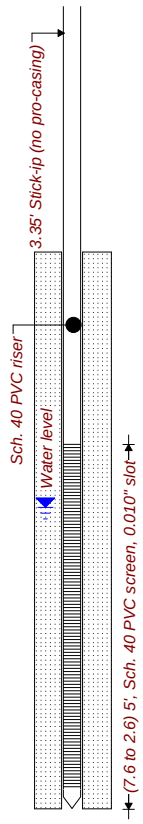
Logged By: CMS

Site Location: 145 Ganson St (127 Buff Riv & 189-191 Ganson St)

Checked By: BWM

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0599

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (%)	Symbol	PID VOCs ppm (0 – 50 – 100)	Lab Sample	Well Completion Details or Remarks
-3.0									
	0.0	Ground Surface							
	0.0	***Fill - Concrete***							
	-0.5 / 0.5	***Fill - Black Granular*** Black, mostly medium grained sand, some cinders, petroleum-like odor. Sheen on water in sleeve.			46%		4.7 45.7 45.7 45.7	Sample location	
2.0									
	-4.0 / 4.0	***Native - Lean Clay*** Reddish brown to dark brown, wet, mostly medium plastic fines, trace fine sands, medium density, medium toughness, no odor.			31%		5.3 0.0		
7.0							0.0 0.0 0.0		
	-8.0 / 8.0	***No Return*** Water in sleeve			0%		0.0 0.0 0.0		
12.0	-12.0 / 12.0	End of Borehole					0.0		



Drilled By: Trec Environmental
Drill Rig Type: 6620DT
Drill Method: Direct push
Comments:
Drill Date(s): 1/24/2019

Hole Size: 2"
Stick-up: 3.35'
Datum:

Sheet: 1 of 1

Project No: B0465-018-001

Borehole Number: SB-9

Project: Phase II

A.K.A.:

Client: SpotOne, LLC

Logged By: CMS

Site Location: 145 Ganson St (127 Buff Riv & 189-191 Ganson St)

Checked By: BWM

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0599

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (%)	Symbol	PID VOCs ppm (0 / 12.5 / 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0 / 0.0	Ground Surface							
		Fill - Gravel with Sand Black gravel, some fine sand, minimal return, no odor.			8%		0.0 / 0.0 / 0.0		Water level
	-4.0 / 4.0	***No Return*** Water in sleeve					0.0		
5.0					0%		0.0 / 0.0 / 0.0 / 0.0		
	-8.0 / 8.0	End of Borehole					0.0		

Drilled By: Trec Environmental
Drill Rig Type: 6620DT
Drill Method: Direct push
Comments:
Drill Date(s): 1/24/2019

Hole Size: 2"
Stick-up:
Datum:

Sheet: 1 of 1

Project No: B0465-018-001

Borehole Number: SB-10

Project: Phase II

A.K.A.:

Client: SpotOne, LLC

Logged By: CMS

Site Location: 145 Ganson St (127 Buff Riv & 189-191 Ganson St)

Checked By: BWM

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0599

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (%)	Symbol	PID VOCs ppm (0 / 12.5 / 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Fill - Gravel with Sand***					0.0		
	-1.0 / 1.0	***Fill - Black Granular*** Black, moist to wet at 4.5 fbgs, mostly medium grained cinders, some medium grained sand, some concrete, some red brick, petroleum-like odor. Sheen on water in sleeve.			73%		0.0, 6.1, 13.2	Sample location	Water level
5.0	-5.0 / 5.0	***Native - Lean Clay*** Dark brown, wet, mostly medium plastic fines, trace fine sand, medium toughness, medium density, no odor.			44%		4.1, 2.7, 0.0, 0.0		
	-9.5 / 9.5	***Native - Sandy Lean Clay*** As above, some fine sand.			50%		0.0, 0.0, 0.0, 0.0		
10.0	-12.0 / 12.0	End of Borehole							

Drilled By: Trec Environmental
Drill Rig Type: 6620DT
Drill Method: Direct push
Comments:
Drill Date(s): 1/24/2019

Hole Size: 2"
Stick-up:
Datum:

Sheet: 1 of 1

Project No: B0465-018-001

Borehole Number: SB-11

Project: Phase II

A.K.A.:

Client: SpotOne, LLC

Logged By: CMS

Site Location: 145 Ganson St (127 Buff Riv & 189-191 Ganson St)

Checked By: BWM

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0599

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (%)	Symbol	PID VOCs (ppm)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface					0 12.5 25		
	0.0	***Fill - Gravel with Sand***					0.0		
	-1.0 1.0	***Fill - Poorly Graded Sand*** Brown, moist, mostly fine sand, trace angular gravel, no odor.					0.0		
	-2.0 2.0	***Fill - Gravel*** Dark brown to grey, moist to wet at 3 fbgs, mostly subangular pea gravel, some fine sand, no odor.			44%		0.0		Water level
							0.0		
5.0							0.0		
	-5.5 5.5	***Fill - Poorly Graded Sand*** Black, wet, mostly fine sand, petroleum-like odors.			58%		2.4 16.2 24.9	Sample location	
	-8.0 8.0	***Native - Lean Clay*** Brown, wet, mostly medium plastic fines, trace fine sand, soft, medium density, no odor.					2.5		
10.0					0%		0.5		
							0.0		
							0.0		
					75%				
15.0									
	-16.0 16.0	End of Borehole							

Drilled By: Trec Environmental
Drill Rig Type: 6620DT
Drill Method: Direct push
Comments:
Drill Date(s): 1/24/2019

Hole Size: 2"
Stick-up:
Datum:

Sheet: 1 of 1

Project No: B0465-018-001

Borehole Number: SB-12

Project: Phase II

A.K.A.:

Client: SpotOne, LLC

Logged By: CMS

Site Location: 145 Ganson St (127 Buff Riv & 189-191 Ganson St)

Checked By: BWM

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0599

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (%)	Symbol	PID VOCs ppm (0 / 12.5 / 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Fill - Gravel with Sand***					0.0		
	-2.0 / 2.0	***Fill - Sandy Lean Clay*** Dark brown, some black discoloration, moist, mostly reworked medium plastic fines, some fine sand, medium density, medium toughness, no odor.			65%		0.0		
							0.0		
	-4.0 / 4.0	***Native - Sandy Lean Clay*** Reddish brown to dark brown, moist, mostly medium plastic fines, some fine sand, medium density, medium toughness, no odor.					0.0		
5.0	-5.0 / 5.0	Brown sand lens			52%		0.0		
							0.0		
							0.0		
	-8.0 / 8.0	End of Borehole					0.0		

Drilled By: Trec Environmental
Drill Rig Type: 6620DT
Drill Method: Direct push
Comments:
Drill Date(s): 1/25/2019

Hole Size: 2"
Stick-up:
Datum:

Sheet: 1 of 1

Project No: B0465-018-001

Borehole Number: SB-13

Project: Phase II

A.K.A.: SB-13W

Client: SpotOne, LLC

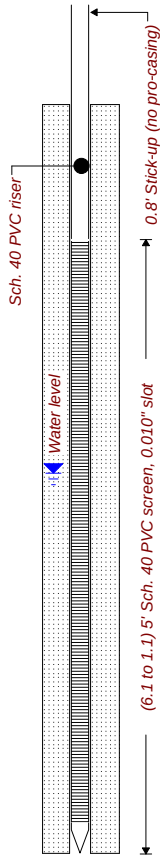
Logged By: CMS

Site Location: 145 Ganson St (127 Buff Riv & 189-191 Ganson St)

Checked By: BWM

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0599

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (%)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
-1.0									
	0.0	Ground Surface							
	0.0	***Fill - Gravel with Sand***					0.0		
	-1.0 1.0	***Fill - Broken Concrete***					0.0		
	-2.0 2.0	***Fill - Black Granular*** Black, moist to wet at 3 fbgs, mostly medium grained cinders, some medium grained sand, no odor.			71%		0.0	Sample location	
	-3.5 3.5	***Fill - Gravel*** Brown, wet, mostly sub-angular pea gravel, some fine sand, no odor.					0.0		
4.0							0.0		
	-6.0 6.0	***Native - Sandy Lean Clay*** Dark brown, wet, mostly medium plastic fines, some fine sand, medium density, medium toughness, no odor.			35%		0.0		
							0.0		
	-8.0 8.0	End of Borehole					0.0		



Drilled By: Trec Environmental
Drill Rig Type: 6620DT
Drill Method: Direct push
Comments:
Drill Date(s): 1/25/2019

Hole Size: 2"
Stick-up: 0.8'
Datum:

Sheet: 1 of 1

Project No: B0465-018-001

Borehole Number: SB-14

Project: Phase II

A.K.A.:

Client: SpotOne, LLC

Logged By: CMS

Site Location: 145 Ganson St (127 Buff Riv & 189-191 Ganson St)

Checked By: BWM

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0599

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (%)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Fill - Gravel with Sand***					0.0		
	-1.0 / 1.0	***Fill - Poorly Graded Sand*** Reddish brown, moist, mostly fine sand, no odor.					0.0		
	-2.0 / 2.0	***Fill - Black Granular*** Black, moist to wet at 4.5 fbgs,mostly medium grained cinders, some concrete, some red brick, some medium grained sand, no odor.			63%		0.0	Sample location	
5.0							0.0		Water level
	-6.0 / 6.0	***Native - Lean Clay*** Dark brown, wet, mostly medium plastic fines, trace fine sand, medium density, medium toughness, no odor.			25%		0.0		
	-8.0 / 8.0	End of Borehole					0.0		

Drilled By: Trec Environmental
Drill Rig Type: 6620DT
Drill Method: Direct push
Comments:
Drill Date(s): 1/25/2019

Hole Size: 2"
Stick-up:
Datum:

Sheet: 1 of 1

Project No: B0465-018-001

Borehole Number: SB-15

Project: Phase II

A.K.A.:

Client: SpotOne, LLC

Logged By: CMS

Site Location: 145 Ganson St (127 Buff Riv & 189-191 Ganson St)

Checked By: BWM

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0599

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (%)	Symbol	PID VOCs ppm (0 / 12.5 / 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0 / 0.0	Ground Surface					0.0		
		Fill - Gravel with Sand					0.0		
	-2.0 / 2.0	***Fill - Black Granular*** Black,moist to wet at 4.5 fbgs, mostly medium grained cinders, some concrete, some red brick, some medium grained sand, no odor.			71%		0.0	Sample location	
5.0	-5.0 / 5.0	***Native - Lean Clay*** Dark brown, wet, mostly medium plastic fines, trace fine sand, medium density, medium toughness, no odor.			56%		0.0		
10.0					83%		0.0		
	-12.0 / 12.0	End of Borehole					0.0		

Water level

Drilled By: Trec Environmental
Drill Rig Type: 6620DT
Drill Method: Direct push
Comments:
Drill Date(s): 1/25/2019

Hole Size: 2"
Stick-up:
Datum:

Sheet: 1 of 1

Project No: B0465-018-001

Borehole Number: SB-16

Project: Phase II

A.K.A.:

Client: SpotOne, LLC

Logged By: CMS

Site Location: 145 Ganson St (127 Buff Riv & 189-191 Ganson St)

Checked By: BWM

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0599

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (%)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0 / 0.0	Ground Surface							
		Fill - Gravel with Sand			75%		0.0, 0.0, 0.0		
	-3.0 / 3.0	***Fill - Black Granular*** Black, mostly medium grained cinders, some concrete, some red brick, some medium grained sand, no odor.					0.0	Sample location	
5.0	-5.0 / 5.0	***Native - Lean Clay*** Dark brown, wet, mostly medium plastic fines, trace fine sand, medium density, medium toughness, no odor.			75%		0.0, 0.0, 0.0		Water level
10.0					81%		0.0, 0.0, 0.0		
	-12.0 / 12.0	End of Borehole					0.0		

Drilled By: Trec Environmental
Drill Rig Type: 6620DT
Drill Method: Direct push
Comments:
Drill Date(s): 1/25/2019

Hole Size: 2"
Stick-up:
Datum:

Sheet: 1 of 1

Project No: B0465-018-001

Borehole Number: SB-17

Project: Phase II

A.K.A.:

Client: SpotOne, LLC

Logged By: CMS

Site Location: 145 Ganson St (127 Buff Riv & 189-191 Ganson St)

Checked By: BWM

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0599

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (%)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0 / 0.0	Ground Surface							
		Fill - Gravel with Sand					0.0		
	-1.5 / 1.5	***Fill - Poorly Graded Sand*** Reddish brown to brown, moist to wet at 7 fbgs, mostly fine sand, trace medium plastic fines, petroleum-like odor.			67%		0.0		
							0.0		
							12.3		
5.0							35.3		
					46%		35.3	Sample location	
							35.3		Water level
	-7.5 / 7.5	***Native - Lean Clay*** Dark brown, wet, mostly medium plastic fines, trace fine sand, medium density, medium toughness, no odor.					5.5		
							0.0		
10.0					81%		0.0		
							0.0		
							0.0		
	-12.0 / 12.0	End of Borehole							

Drilled By: Trec Environmental
Drill Rig Type: 6620DT
Drill Method: Direct push
Comments:
Drill Date(s): 1/25/2019

Hole Size: 2"
Stick-up:
Datum:

Sheet: 1 of 1

Project No: B0465-018-001

Borehole Number: SB-18

Project: Phase II

A.K.A.:

Client: SpotOne, LLC

Logged By: CMS

Site Location: 145 Ganson St (127 Buff Riv & 189-191 Ganson St)

Checked By: BWM

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0599

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (%)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Fill - Crushed Concrete***					0.0		
					67%		0.0		
	-3.0 / 3.0	***Fill - Black Granular*** Black, mostly medium grained cinders, some concrete, some red brick, some medium grained sand, no odor.					0.0		
	-4.5 / 4.5	***Fill - Lean Clay*** Dark brown, wet, mostly reworked medium plastic fines, trace fine sand, high density, medium toughness, no odor.					0.0		
5.0					92%		0.0		
							0.0		
							0.0		
	-9.0 / 9.0	***Native - Lean Clay*** Brown, wet, mostly medium plastic fines, trace fine sand, medium density, medium toughness, no odor.					0.0		
10.0					73%		0.0		
	-11.0 / 11.0	***Native - Poorly Graded Sand*** Dark brown, wet, mostly fine sand, trace medium plastic fines, no odor.					0.0		
	-12.0 / 12.0	End of Borehole							

Water level

Drilled By: Trec Environmental
Drill Rig Type: 6620DT
Drill Method: Direct push
Comments:
Drill Date(s): 1/25/2019

Hole Size: 2"
Stick-up:
Datum:

Sheet: 1 of 1

Project No: B0465-018-001

Borehole Number: SB-19

Project: Phase II

A.K.A.:

Client: SpotOne, LLC

Logged By: CMS

Site Location: 145 Ganson St (127 Buff Riv & 189-191 Ganson St)

Checked By: BWM

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0599

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (%)	Symbol	PID VOCs ppm (0 / 12.5 / 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0 / 0.0	Ground Surface							
		Fill - Gravel with Sand			60%		0.0		
	-4.0 / 4.0	***Native - Sandy Lean Clay*** Dark brown, moist to wet at 8 fbgs, mostly medium plastic fines, some fine sand, medium density, medium toughness, no odor.			88%		0.0		Water level
10.0					88%		0.0		
	-12.0 / 12.0	End of Borehole					0.0		

Drilled By: Trec Environmental
Drill Rig Type: 6620DT
Drill Method: Direct push
Comments:
Drill Date(s): 1/25/2019

Hole Size: 2"
Stick-up:
Datum:

Sheet: 1 of 1

Project No: B0465-018-001

Borehole Number: SB-20

Project: Phase II

A.K.A.: SB-20W

Client: SpotOne, LLC

Logged By: CMS

Site Location: 145 Ganson St (127 Buff Riv & 189-191 Ganson St)

Checked By: BWM

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0599

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (%)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
-4.0									
	0.0	Ground Surface							
	0.0	***Fill - Gravel with Sand***					0.0		
1.0	-1.5								
	1.5	***Fill - Black Granular*** Black, mostly medium grained cinders, some concrete, some red brick, some medium grained sand, no odor.			56%		0.0 0.0 0.0		
	-5.5						0.0	Sample location	
	5.5	***Native - Poorly Graded Sand*** Reddish brown, moist to wet at 6 fbgs, mostly fine sand, trace medium plastic fines, no odor.			50%		0.0 0.0 0.0		
6.0									
					17%		0.0 0.0 0.0		
11.0									
	-12.0								
	12.0	End of Borehole							

3.9' stick-up (no pro-casing)

Sch. 40 PVC riser

Water level

(1.13 to 11.13) 10' Sch. 40 PVC screen, 0.010" slot

Drilled By: Trec Environmental
Drill Rig Type: 6620DT
Drill Method: Direct push
Comments:
Drill Date(s): 1/25/2019

Hole Size: 2"
Stick-up: 3.9'
Datum:

Sheet: 1 of 1

Project No: B0465-018-001

Borehole Number: SB-21

Project: Phase II

A.K.A.:

Client: SpotOne, LLC

Logged By: CMS

Site Location: 145 Ganson St (127 Buff Riv & 189-191 Ganson St)

Checked By: BWM

Benchmark Environmental Engineering & Science, PLLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0599

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (%)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Fill - Gravel with Sand***					0.0		
	-0.5 / 0.5	***Fill - Black Granular*** Black, mostly medium grained cinders, some concrete, some red brick, some medium grained sand, no odor.			73%		0.0	Sample location	
							0.0		
							0.0		
	-4.0 / 4.0	***Native - Sandy Lean Clay*** Brown, moist to wet at 4.5 fbgs, mostly medium plastic fines, some fine sand, medium density, medium toughness, no odor.					0.0		Water level
5.0					75%		0.0		
							0.0		
							0.0		
							0.0		
					75%		0.0		
10.0							0.0		
							0.0		
	-12.0 / 12.0	End of Borehole					0.0		

Drilled By: Trec Environmental
Drill Rig Type: 6620DT
Drill Method: Direct push
Comments:
Drill Date(s): 1/25/2019

Hole Size: 2"
Stick-up:
Datum:

Sheet: 1 of 1

APPENDIX B

PHOTO LOG

SITE PHOTOGRAPHS

Photo 1:



Photo 2:



Photo 3:



Photo 4:



Photo 1: View of the location of SB-2 – facing north

Photo 2: View black staining and oily product encountered at SB-2.

Photo 3: View of the location of SB-7 – facing west

Photo 4: View of black granular fill material encountered at SB-7.

SITE PHOTOGRAPHS

Photo 5:



Photo 6:



Photo 7:



Photo 8:



Photo 5: View of the location of SB-8 – facing west

Photo 6: View of black granular fill material encountered at SB-8.

Photo 7: View of the location of SB-13 – facing north

Photo 8: View of black granular fill material encountered at SB-13.

SITE PHOTOGRAPHS

Photo 9:



Photo 10:



Photo 11:



Photo 12:



Photo 9: View of the location of SB-14 – facing north

Photo 10: View of black granular fill material encountered at SB-14.

Photo 11: View of the location of SB-20 – facing north

Photo 12: View of fill material encountered at SB-20.

APPENDIX C

LABORATORY ANALYTICAL DATA SUMMARY PACKAGE

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-148426-1
Client Project/Site: Benchmark - 145 Ganson St.

For:
Benchmark Env. Eng. & Science, PLLC
2558 Hamburg Turnpike
Lackawanna, New York 14218

Attn: Bryan Mayback

Authorized for release by:
2/7/2019 12:02:14 PM

Brian Fischer, Manager of Project Management
(716)504-9835
brian.fischer@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Detection Summary 6
Client Sample Results 12
Surrogate Summary 37
QC Sample Results 39
QC Association Summary 55
Lab Chronicle 60
Certification Summary 66
Method Summary 67
Sample Summary 68
Chain of Custody 69
Receipt Checklists 71

Definitions/Glossary

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148426-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery is outside acceptance limits.
vs	Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A-L low-level specifications.
B	Compound was found in the blank and sample.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F2	MS/MSD RPD exceeds control limits
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-148426-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-148426-1

Comments
No additional comments.

Receipt
The samples were received on 1/29/2019 11:52 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.4° C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 480-457158 recovered above the upper control limit for Carbon tetrachloride and Chloromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: SB-2 (6-8) (480-148426-1), SB-11 (6-8) (480-148426-6) and SB-17 (6-8) (480-148426-11).

Method(s) 8260C: The laboratory control sample (LCS) for preparation batch 480-457155 and analytical batch 480-457158 recovered outside control limits for the following analyte: Bromoform. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. The following samples are impacted: SB-2 (6-8) (480-148426-1), SB-11 (6-8) (480-148426-6) and SB-17 (6-8) (480-148426-11).

Method(s) 8260C: The following samples were analyzed using medium level soil analysis and diluted due to the nature of the sample matrix: SB-17 (6-8) (480-148426-11), (480-148426-B-11-B MS) and (480-148426-B-11-C MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following samples were analyzed using medium level soil analysis due to the nature of the sample matrix: SB-2 (6-8) (480-148426-1) and SB-11 (6-8) (480-148426-6). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method(s) 8270D: The following samples were diluted due to color and appearance: SB-2 (6-8) (480-148426-1), SB-7 (2.5-4.5) (480-148426-3), SB-8 (2-4) (480-148426-4), SB-13 (2-4) (480-148426-7), SB-14 (2-4) (480-148426-8), SB-15 (2-5) (480-148426-9), SB-20 (3-6) (480-148426-12) and SB-21 (2-4) (480-148426-13). Elevated reporting limits (RL) are provided.

Method(s) 8270D: The following sample was diluted due to the abundance of target analytes: SB-21 (2-4) (480-148426-13). As such, surrogate recoveries are below the calibration range or are not reported, and elevated reporting limits (RLs) are provided.

Method(s) 8270D: The following sample required a dilution due to the nature of the sample matrix: SB-21 (2-4) (480-148426-13). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method(s) 8082A: The continuing calibration verification (CCV) associated with batch 480-457195 recovered above the upper control limit for PCB-1248. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: SB-2 (6-8) (480-148426-1), SB-4 (2-4) (480-148426-2), SB-14 (2-4) (480-148426-8), SB-15 (2-5) (480-148426-9) and SB-17 (6-8) (480-148426-11).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method(s) 6010C: The serial dilution (480-148426-B-5-B SD ^5) associated with batch 480-457502, exhibited a result outside the quality control limits for Total Chromium. However, the post digestion spike (PDS) was compliant, therefore no corrective action was necessary.

Job ID: 480-148426-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

Method(s) 6010C: The recovery of post spike, (480-148426-B-5-B PDS), associated with batch 480-457502, exhibited a result outside quality control limits for Total Barium. However, the serial dilution (SD) of this sample was compliant, therefore no corrective action was necessary.

Method(s) 6010C: The following samples were diluted due to the presence of Total Iron which interferes with Silver, Cadmium, and Lead: SB-14 (2-4) (480-148426-8) and SB-20 (3-6) (480-148426-12). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148426-1

Client Sample ID: SB-2 (6-8) — Lab Sample ID: 480-148426-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl acetate	140	J	650	62	ug/Kg	1	☼	8260C	Total/NA
o-Xylene	31	J	130	17	ug/Kg	1	☼	8260C	Total/NA
Acenaphthene	420	J	1000	150	ug/Kg	5	☼	8270D	Total/NA
Fluorene	690	J	1000	120	ug/Kg	5	☼	8270D	Total/NA
Pyrene	200	J	1000	120	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	1300		1000	150	ug/Kg	5	☼	8270D	Total/NA

Client Sample ID: SB-4 (2-4) — Lab Sample ID: 480-148426-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	53	J	190	28	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	70	J	190	30	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	75	J	190	20	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	27	J	190	25	ug/Kg	1	☼	8270D	Total/NA
Chrysene	120	J	190	42	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	59	J	190	20	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	46	J	190	23	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	81	J	190	25	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	210		190	28	ug/Kg	1	☼	8270D	Total/NA
Arsenic	8.4		2.3	0.47	mg/Kg	1	☼	6010C	Total/NA
Barium	25.7		0.59	0.13	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.20	J	0.23	0.035	mg/Kg	1	☼	6010C	Total/NA
Chromium	6.6		0.59	0.23	mg/Kg	1	☼	6010C	Total/NA
Lead	20.5	B	1.2	0.28	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.033		0.021	0.0086	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-7 (2.5-4.5) — Lab Sample ID: 480-148426-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	1800		1000	150	ug/Kg	5	☼	8270D	Total/NA
Acenaphthylene	230	J	1000	140	ug/Kg	5	☼	8270D	Total/NA
Anthracene	2800		1000	260	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]anthracene	4700		1000	100	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	4400		1000	150	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	5400		1000	170	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	3100		1000	110	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	2100		1000	140	ug/Kg	5	☼	8270D	Total/NA
Chrysene	5100		1000	230	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	12000		1000	110	ug/Kg	5	☼	8270D	Total/NA
Fluorene	1700		1000	120	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	2600		1000	130	ug/Kg	5	☼	8270D	Total/NA
Naphthalene	850	J	1000	140	ug/Kg	5	☼	8270D	Total/NA
Pyrene	10000		1000	120	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	13000		1000	150	ug/Kg	5	☼	8270D	Total/NA
Arsenic	22.0		2.6	0.52	mg/Kg	1	☼	6010C	Total/NA
Barium	209		0.64	0.14	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.65		0.26	0.039	mg/Kg	1	☼	6010C	Total/NA
Chromium	13.7		0.64	0.26	mg/Kg	1	☼	6010C	Total/NA
Lead	275	B	1.3	0.31	mg/Kg	1	☼	6010C	Total/NA
Selenium	2.2	J	5.2	0.52	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-7 (2.5-4.5) (Continued)

Lab Sample ID: 480-148426-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silver	0.30	J	0.77	0.26	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.27		0.026	0.010	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-8 (2-4)

Lab Sample ID: 480-148426-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	49	vs	32	5.4	ug/Kg	1	☼	8260C	Total/NA
Benzene	2.3	J vs	6.4	0.31	ug/Kg	1	☼	8260C	Total/NA
2-Butanone (MEK)	9.0	J vs	32	2.3	ug/Kg	1	☼	8260C	Total/NA
Methylene Chloride	2.9	J vs B	6.4	2.9	ug/Kg	1	☼	8260C	Total/NA
Anthracene	350	J	1100	270	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]anthracene	1000	J	1100	110	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	890	J	1100	160	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	1300		1100	170	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	860	J	1100	110	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	540	J	1100	140	ug/Kg	5	☼	8270D	Total/NA
Chrysene	1200		1100	240	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	1800		1100	110	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	710	J	1100	130	ug/Kg	5	☼	8270D	Total/NA
Pyrene	1600		1100	130	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	1000	J	1100	160	ug/Kg	5	☼	8270D	Total/NA
Arsenic	13.3		2.6	0.52	mg/Kg	1	☼	6010C	Total/NA
Barium	500		0.65	0.14	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.69		0.26	0.039	mg/Kg	1	☼	6010C	Total/NA
Chromium	16.5		0.65	0.26	mg/Kg	1	☼	6010C	Total/NA
Lead	1550	B	1.3	0.31	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.4	J	5.2	0.52	mg/Kg	1	☼	6010C	Total/NA
Mercury	1.1		0.026	0.011	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-10 (2.5-4.5)

Lab Sample ID: 480-148426-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	44	vs	31	5.3	ug/Kg	1	☼	8260C	Total/NA
2-Butanone (MEK)	6.3	J vs	31	2.3	ug/Kg	1	☼	8260C	Total/NA
Anthracene	68	J	220	54	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	210	J	220	22	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	180	J	220	32	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	320		220	35	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	190	J	220	23	ug/Kg	1	☼	8270D	Total/NA
Chrysene	230		220	49	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	390		220	23	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	150	J	220	27	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	41	J	220	28	ug/Kg	1	☼	8270D	Total/NA
Pyrene	340		220	26	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	260		220	32	ug/Kg	1	☼	8270D	Total/NA
Arsenic	9.3		2.5	0.50	mg/Kg	1	☼	6010C	Total/NA
Barium	169		0.63	0.14	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.65		0.25	0.038	mg/Kg	1	☼	6010C	Total/NA
Chromium	20.3		0.63	0.25	mg/Kg	1	☼	6010C	Total/NA
Lead	518	F2 B	1.3	0.30	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-10 (2.5-4.5) (Continued) — Lab Sample ID: 480-148426-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	1.2	J	5.0	0.50	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.34		0.026	0.010	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-11 (6-8) — Lab Sample ID: 480-148426-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	490		130	35	ug/Kg	1	☼	8260C	Total/NA
Cyclohexane	190		130	28	ug/Kg	1	☼	8260C	Total/NA
Isopropylbenzene	50	J	130	19	ug/Kg	1	☼	8260C	Total/NA
Methylcyclohexane	97	J	130	59	ug/Kg	1	☼	8260C	Total/NA
m,p-Xylene	74	J	250	70	ug/Kg	1	☼	8260C	Total/NA
n-Butylbenzene	100	J	130	37	ug/Kg	1	☼	8260C	Total/NA
N-Propylbenzene	140		130	33	ug/Kg	1	☼	8260C	Total/NA
o-Xylene	41	J	130	17	ug/Kg	1	☼	8260C	Total/NA
sec-Butylbenzene	67	J	130	47	ug/Kg	1	☼	8260C	Total/NA
Xylenes, Total	120	J	250	70	ug/Kg	1	☼	8260C	Total/NA
Acenaphthene	94	J	200	29	ug/Kg	1	☼	8270D	Total/NA
Anthracene	89	J	200	49	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	210		200	20	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	220		200	29	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	300		200	31	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	230		200	21	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	180	J	200	26	ug/Kg	1	☼	8270D	Total/NA
Chrysene	240		200	44	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	74	J	200	35	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	450		200	21	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	200		200	24	ug/Kg	1	☼	8270D	Total/NA
Pyrene	400		200	23	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	330		200	29	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: SB-13 (2-4) — Lab Sample ID: 480-148426-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	1700		980	140	ug/Kg	5	☼	8270D	Total/NA
Anthracene	5900		980	240	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]anthracene	13000		980	98	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	12000		980	140	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	14000		980	150	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	8500		980	100	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	5200		980	130	ug/Kg	5	☼	8270D	Total/NA
Chrysene	12000		980	220	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	31000		980	100	ug/Kg	5	☼	8270D	Total/NA
Fluorene	1500		980	110	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	7600		980	120	ug/Kg	5	☼	8270D	Total/NA
Naphthalene	460	J	980	130	ug/Kg	5	☼	8270D	Total/NA
Pyrene	24000		980	110	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	25000		980	140	ug/Kg	5	☼	8270D	Total/NA
Arsenic	20.9		2.3	0.45	mg/Kg	1	☼	6010C	Total/NA
Barium	124		0.56	0.12	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.79		0.23	0.034	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-13 (2-4) (Continued) — Lab Sample ID: 480-148426-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	21.0		0.56	0.23	mg/Kg	1	☼	6010C	Total/NA
Lead	125	B	1.1	0.27	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.1	J	4.5	0.45	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.23		0.022	0.0091	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-14 (2-4) — Lab Sample ID: 480-148426-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	320	J	1100	160	ug/Kg	5	☼	8270D	Total/NA
Anthracene	1000	J	1100	270	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]anthracene	2100		1100	110	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	1800		1100	160	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	2400		1100	170	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	1400		1100	110	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	1100		1100	140	ug/Kg	5	☼	8270D	Total/NA
Chrysene	2100		1100	240	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	4500		1100	110	ug/Kg	5	☼	8270D	Total/NA
Fluorene	390	J	1100	130	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1200		1100	130	ug/Kg	5	☼	8270D	Total/NA
Naphthalene	140	J	1100	140	ug/Kg	5	☼	8270D	Total/NA
Pyrene	3700		1100	130	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	3700		1100	160	ug/Kg	5	☼	8270D	Total/NA
Arsenic	23.4		2.7	0.54	mg/Kg	1	☼	6010C	Total/NA
Barium	84.1		0.67	0.15	mg/Kg	1	☼	6010C	Total/NA
Chromium	16.8		0.67	0.27	mg/Kg	1	☼	6010C	Total/NA
Lead	304	B	6.7	1.6	mg/Kg	5	☼	6010C	Total/NA
Selenium	2.7	J	5.4	0.54	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.61		0.025	0.010	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-15 (2-5) — Lab Sample ID: 480-148426-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	220	J	1100	180	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	260	J	1100	120	ug/Kg	5	☼	8270D	Total/NA
Chrysene	270	J	1100	250	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	260	J	1100	120	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	210	J	1100	140	ug/Kg	5	☼	8270D	Total/NA
Pyrene	220	J	1100	130	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	320	J	1100	170	ug/Kg	5	☼	8270D	Total/NA
Arsenic	14.3		2.6	0.52	mg/Kg	1	☼	6010C	Total/NA
Barium	331		0.65	0.14	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.65		0.26	0.039	mg/Kg	1	☼	6010C	Total/NA
Chromium	12.4		0.65	0.26	mg/Kg	1	☼	6010C	Total/NA
Lead	438	B	1.3	0.31	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.9	J	5.2	0.52	mg/Kg	1	☼	6010C	Total/NA
Mercury	12.6		0.26	0.10	mg/Kg	10	☼	7471B	Total/NA

Client Sample ID: SB-16 (3-5) — Lab Sample ID: 480-148426-10

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-16 (3-5) (Continued)

Lab Sample ID: 480-148426-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	76	J	180	18	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	82	J	180	27	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	140	J	180	29	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	150	J	180	19	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	53	J	180	23	ug/Kg	1	☼	8270D	Total/NA
Chrysene	100	J	180	41	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	110	J	180	19	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	100	J	180	22	ug/Kg	1	☼	8270D	Total/NA
Pyrene	110	J	180	21	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	120	J	180	27	ug/Kg	1	☼	8270D	Total/NA
Arsenic	6.5		2.2	0.44	mg/Kg	1	☼	6010C	Total/NA
Barium	91.8		0.56	0.12	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.32		0.22	0.033	mg/Kg	1	☼	6010C	Total/NA
Chromium	11.7		0.56	0.22	mg/Kg	1	☼	6010C	Total/NA
Lead	39.0	B	1.1	0.27	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.4	J	4.4	0.44	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.048		0.020	0.0080	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-17 (6-8)

Lab Sample ID: 480-148426-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butylbenzene	390	J	1100	320	ug/Kg	8	☼	8260C	Total/NA
Acenaphthene	660		210	31	ug/Kg	1	☼	8270D	Total/NA
Anthracene	240		210	52	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	83	J	210	22	ug/Kg	1	☼	8270D	Total/NA
Fluorene	1400		210	25	ug/Kg	1	☼	8270D	Total/NA
Pyrene	400		210	25	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	3300		210	31	ug/Kg	1	☼	8270D	Total/NA

Client Sample ID: SB-20 (3-6)

Lab Sample ID: 480-148426-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	200	J	960	96	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	180	J	960	140	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	220	J	960	150	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	290	J	960	100	ug/Kg	5	☼	8270D	Total/NA
Chrysene	230	J	960	210	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	300	J	960	100	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	180	J	960	120	ug/Kg	5	☼	8270D	Total/NA
Pyrene	320	J	960	110	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	460	J	960	140	ug/Kg	5	☼	8270D	Total/NA
Arsenic	20.3		2.4	0.48	mg/Kg	1	☼	6010C	Total/NA
Barium	118		0.59	0.13	mg/Kg	1	☼	6010C	Total/NA
Chromium	16.2		0.59	0.24	mg/Kg	1	☼	6010C	Total/NA
Lead	1030	B	5.9	1.4	mg/Kg	5	☼	6010C	Total/NA
Selenium	2.3	J	4.8	0.48	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.099		0.021	0.0086	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-21 (2-4)

Lab Sample ID: 480-148426-13

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148426-1

Client Sample ID: SB-21 (2-4) (Continued)

Lab Sample ID: 480-148426-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	5200		980	140	ug/Kg	5	☼	8270D	Total/NA
Acenaphthylene	3000		980	130	ug/Kg	5	☼	8270D	Total/NA
Anthracene	14000		980	240	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]anthracene	30000		980	98	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	31000		980	140	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	21000		980	100	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	13000		980	130	ug/Kg	5	☼	8270D	Total/NA
Chrysene	30000		980	220	ug/Kg	5	☼	8270D	Total/NA
Dibenz(a,h)anthracene	6700		980	170	ug/Kg	5	☼	8270D	Total/NA
Fluorene	5300		980	120	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	19000		980	120	ug/Kg	5	☼	8270D	Total/NA
Naphthalene	3200		980	130	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene - DL	35000		9800	1600	ug/Kg	50	☼	8270D	Total/NA
Fluoranthene - DL	77000		9800	1000	ug/Kg	50	☼	8270D	Total/NA
Pyrene - DL	68000		9800	1200	ug/Kg	50	☼	8270D	Total/NA
Phenanthrene - DL	58000		9800	1400	ug/Kg	50	☼	8270D	Total/NA
Arsenic	16.6		2.4	0.47	mg/Kg	1	☼	6010C	Total/NA
Barium	197		0.59	0.13	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.53		0.24	0.035	mg/Kg	1	☼	6010C	Total/NA
Chromium	14.3		0.59	0.24	mg/Kg	1	☼	6010C	Total/NA
Lead	361	B	1.2	0.28	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.6	J	4.7	0.47	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.75		0.022	0.0088	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-2 (6-8)
Date Collected: 01/24/19 09:30
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-1
Matrix: Solid
Percent Solids: 82.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		130	36	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
1,1,2,2-Tetrachloroethane	ND		130	21	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		130	65	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
1,1,2-Trichloroethane	ND		130	27	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
1,1-Dichloroethane	ND		130	40	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
1,1-Dichloroethene	ND		130	45	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
1,2,4-Trichlorobenzene	ND		130	49	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
1,2,4-Trimethylbenzene	ND		130	36	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
1,2-Dibromo-3-Chloropropane	ND		130	65	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
1,2-Dichlorobenzene	ND		130	33	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
1,2-Dichloroethane	ND		130	53	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
1,2-Dichloropropane	ND		130	21	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
1,3,5-Trimethylbenzene	ND		130	39	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
1,3-Dichlorobenzene	ND		130	35	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
1,4-Dichlorobenzene	ND		130	18	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
2-Butanone (MEK)	ND		650	390	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
2-Hexanone	ND		650	270	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
4-Isopropyltoluene	ND		130	44	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
4-Methyl-2-pentanone (MIBK)	ND		650	42	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Acetone	ND		650	540	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Benzene	ND		130	25	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Bromoform	ND	*	130	65	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Bromomethane	ND		130	29	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Carbon disulfide	ND		130	59	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Carbon tetrachloride	ND		130	33	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Chlorobenzene	ND		130	17	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Dibromochloromethane	ND		130	63	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Chloroethane	ND		130	27	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Chloroform	ND		130	89	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Chloromethane	ND		130	31	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
cis-1,2-Dichloroethene	ND		130	36	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Cyclohexane	ND		130	29	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Bromodichloromethane	ND		130	26	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Dichlorodifluoromethane	ND		130	57	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Ethylbenzene	ND		130	38	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
1,2-Dibromoethane	ND		130	23	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Isopropylbenzene	ND		130	20	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Methyl acetate	**140**	**J**	650	62	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Methyl tert-butyl ether	ND		130	49	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Methylcyclohexane	ND		130	61	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Methylene Chloride	ND		130	26	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
m,p-Xylene	ND		260	72	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
n-Butylbenzene	ND		130	38	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
N-Propylbenzene	ND		130	34	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
o-Xylene	**31**	**J**	130	17	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
sec-Butylbenzene	ND		130	48	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Tetrachloroethene	ND		130	18	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Toluene	ND		130	35	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
trans-1,2-Dichloroethene	ND		130	31	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1

Client Sample ID: SB-2 (6-8)

Date Collected: 01/24/19 09:30
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-1

Matrix: Solid
Percent Solids: 82.8

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		130	13	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Trichloroethene	ND		130	36	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Trichlorofluoromethane	ND		130	61	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Vinyl chloride	ND		130	44	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Xylenes, Total	ND		260	72	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
cis-1,3-Dichloropropene	ND		130	31	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
Styrene	ND		130	31	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1
tert-Butylbenzene	ND		130	36	ug/Kg	☼	01/31/19 07:37	01/31/19 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*53 - 146*	*01/31/19 07:37*	*01/31/19 14:01*	*1*
4-Bromofluorobenzene (Surr)	*104*		*49 - 148*	*01/31/19 07:37*	*01/31/19 14:01*	*1*
Toluene-d8 (Surr)	*101*		*50 - 149*	*01/31/19 07:37*	*01/31/19 14:01*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**420**	**J**	1000	150	ug/Kg	☼	01/29/19 14:22	01/30/19 18:37	5
Acenaphthylene	ND		1000	130	ug/Kg	☼	01/29/19 14:22	01/30/19 18:37	5
Anthracene	ND		1000	250	ug/Kg	☼	01/29/19 14:22	01/30/19 18:37	5
Benzo[a]anthracene	ND		1000	100	ug/Kg	☼	01/29/19 14:22	01/30/19 18:37	5
Benzo[a]pyrene	ND		1000	150	ug/Kg	☼	01/29/19 14:22	01/30/19 18:37	5
Benzo[b]fluoranthene	ND		1000	160	ug/Kg	☼	01/29/19 14:22	01/30/19 18:37	5
Benzo[g,h,i]perylene	ND		1000	110	ug/Kg	☼	01/29/19 14:22	01/30/19 18:37	5
Benzo[k]fluoranthene	ND		1000	130	ug/Kg	☼	01/29/19 14:22	01/30/19 18:37	5
Chrysene	ND		1000	220	ug/Kg	☼	01/29/19 14:22	01/30/19 18:37	5
Dibenz(a,h)anthracene	ND		1000	180	ug/Kg	☼	01/29/19 14:22	01/30/19 18:37	5
Fluoranthene	ND		1000	110	ug/Kg	☼	01/29/19 14:22	01/30/19 18:37	5
Fluorene	**690**	**J**	1000	120	ug/Kg	☼	01/29/19 14:22	01/30/19 18:37	5
Indeno[1,2,3-cd]pyrene	ND		1000	120	ug/Kg	☼	01/29/19 14:22	01/30/19 18:37	5
Naphthalene	ND		1000	130	ug/Kg	☼	01/29/19 14:22	01/30/19 18:37	5
Pyrene	**200**	**J**	1000	120	ug/Kg	☼	01/29/19 14:22	01/30/19 18:37	5
Phenanthrene	**1300**		1000	150	ug/Kg	☼	01/29/19 14:22	01/30/19 18:37	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*54 - 120*	*01/29/19 14:22*	*01/30/19 18:37*	*5*
2-Fluorobiphenyl	*85*		*60 - 120*	*01/29/19 14:22*	*01/30/19 18:37*	*5*
2-Fluorophenol (Surr)	*74*		*52 - 120*	*01/29/19 14:22*	*01/30/19 18:37*	*5*
Phenol-d5 (Surr)	*73*		*54 - 120*	*01/29/19 14:22*	*01/30/19 18:37*	*5*
p-Terphenyl-d14 (Surr)	*99*		*65 - 121*	*01/29/19 14:22*	*01/30/19 18:37*	*5*
Nitrobenzene-d5 (Surr)	*76*		*53 - 120*	*01/29/19 14:22*	*01/30/19 18:37*	*5*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.047	mg/Kg	☼	01/30/19 08:35	01/31/19 13:39	1
PCB-1221	ND		0.24	0.047	mg/Kg	☼	01/30/19 08:35	01/31/19 13:39	1
PCB-1232	ND		0.24	0.047	mg/Kg	☼	01/30/19 08:35	01/31/19 13:39	1
PCB-1242	ND		0.24	0.047	mg/Kg	☼	01/30/19 08:35	01/31/19 13:39	1
PCB-1248	ND		0.24	0.047	mg/Kg	☼	01/30/19 08:35	01/31/19 13:39	1
PCB-1254	ND		0.24	0.11	mg/Kg	☼	01/30/19 08:35	01/31/19 13:39	1
PCB-1260	ND		0.24	0.11	mg/Kg	☼	01/30/19 08:35	01/31/19 13:39	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148426-1

Client Sample ID: SB-2 (6-8)
Date Collected: 01/24/19 09:30
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-1
Matrix: Solid
Percent Solids: 82.8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	74		60 - 154	01/30/19 08:35	01/31/19 13:39	1
DCB Decachlorobiphenyl	85		65 - 174	01/30/19 08:35	01/31/19 13:39	1

Client Sample ID: SB-4 (2-4)

Date Collected: 01/24/19 10:30
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-2

Matrix: Solid
Percent Solids: 88.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		190	28	ug/Kg	☼	01/29/19 14:22	01/30/19 19:03	1
Acenaphthylene	ND		190	25	ug/Kg	☼	01/29/19 14:22	01/30/19 19:03	1
Anthracene	ND		190	47	ug/Kg	☼	01/29/19 14:22	01/30/19 19:03	1
Benzo[a]anthracene	ND		190	19	ug/Kg	☼	01/29/19 14:22	01/30/19 19:03	1
Benzo[a]pyrene	**53**	**J**	190	28	ug/Kg	☼	01/29/19 14:22	01/30/19 19:03	1
Benzo[b]fluoranthene	**70**	**J**	190	30	ug/Kg	☼	01/29/19 14:22	01/30/19 19:03	1
Benzo[g,h,i]perylene	**75**	**J**	190	20	ug/Kg	☼	01/29/19 14:22	01/30/19 19:03	1
Benzo[k]fluoranthene	**27**	**J**	190	25	ug/Kg	☼	01/29/19 14:22	01/30/19 19:03	1
Chrysene	**120**	**J**	190	42	ug/Kg	☼	01/29/19 14:22	01/30/19 19:03	1
Dibenz(a,h)anthracene	ND		190	33	ug/Kg	☼	01/29/19 14:22	01/30/19 19:03	1
Fluoranthene	**59**	**J**	190	20	ug/Kg	☼	01/29/19 14:22	01/30/19 19:03	1
Fluorene	ND		190	22	ug/Kg	☼	01/29/19 14:22	01/30/19 19:03	1
Indeno[1,2,3-cd]pyrene	**46**	**J**	190	23	ug/Kg	☼	01/29/19 14:22	01/30/19 19:03	1
Naphthalene	**81**	**J**	190	25	ug/Kg	☼	01/29/19 14:22	01/30/19 19:03	1
Pyrene	ND		190	22	ug/Kg	☼	01/29/19 14:22	01/30/19 19:03	1
Phenanthrene	**210**		190	28	ug/Kg	☼	01/29/19 14:22	01/30/19 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*111*		*54 - 120*	*01/29/19 14:22*	*01/30/19 19:03*	*1*
2-Fluorobiphenyl	*91*		*60 - 120*	*01/29/19 14:22*	*01/30/19 19:03*	*1*
2-Fluorophenol (Surr)	*78*		*52 - 120*	*01/29/19 14:22*	*01/30/19 19:03*	*1*
Phenol-d5 (Surr)	*84*		*54 - 120*	*01/29/19 14:22*	*01/30/19 19:03*	*1*
p-Terphenyl-d14 (Surr)	*111*		*65 - 121*	*01/29/19 14:22*	*01/30/19 19:03*	*1*
Nitrobenzene-d5 (Surr)	*87*		*53 - 120*	*01/29/19 14:22*	*01/30/19 19:03*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23	0.046	mg/Kg	☼	01/30/19 08:35	01/31/19 14:59	1
PCB-1221	ND		0.23	0.046	mg/Kg	☼	01/30/19 08:35	01/31/19 14:59	1
PCB-1232	ND		0.23	0.046	mg/Kg	☼	01/30/19 08:35	01/31/19 14:59	1
PCB-1242	ND		0.23	0.046	mg/Kg	☼	01/30/19 08:35	01/31/19 14:59	1
PCB-1248	ND		0.23	0.046	mg/Kg	☼	01/30/19 08:35	01/31/19 14:59	1
PCB-1254	ND		0.23	0.11	mg/Kg	☼	01/30/19 08:35	01/31/19 14:59	1
PCB-1260	ND		0.23	0.11	mg/Kg	☼	01/30/19 08:35	01/31/19 14:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*90*		*60 - 154*	*01/30/19 08:35*	*01/31/19 14:59*	*1*
DCB Decachlorobiphenyl	*98*		*65 - 174*	*01/30/19 08:35*	*01/31/19 14:59*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**8.4**		2.3	0.47	mg/Kg	☼	02/01/19 08:10	02/01/19 20:53	1
Barium	**25.7**		0.59	0.13	mg/Kg	☼	02/01/19 08:10	02/01/19 20:53	1
Cadmium	**0.20**	**J**	0.23	0.035	mg/Kg	☼	02/01/19 08:10	02/01/19 20:53	1
Chromium	**6.6**		0.59	0.23	mg/Kg	☼	02/01/19 08:10	02/01/19 20:53	1
Lead	**20.5**	**B**	1.2	0.28	mg/Kg	☼	02/01/19 08:10	02/01/19 20:53	1
Selenium	ND		4.7	0.47	mg/Kg	☼	02/01/19 08:10	02/01/19 20:53	1
Silver	ND		0.70	0.23	mg/Kg	☼	02/01/19 08:10	02/01/19 20:53	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148426-1

Client Sample ID: SB-4 (2-4)
Date Collected: 01/24/19 10:30
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-2
Matrix: Solid
Percent Solids: 88.2

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.033		0.021	0.0086	mg/Kg	☼	01/31/19 11:25	01/31/19 13:37	1

Client Sample ID: SB-7 (2.5-4.5)

Date Collected: 01/24/19 12:00
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-3

Matrix: Solid
Percent Solids: 79.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	1800		1000	150	ug/Kg	☼	01/29/19 14:22	01/30/19 19:28	5
Acenaphthylene	230	J	1000	140	ug/Kg	☼	01/29/19 14:22	01/30/19 19:28	5
Anthracene	2800		1000	260	ug/Kg	☼	01/29/19 14:22	01/30/19 19:28	5
Benzo[a]anthracene	4700		1000	100	ug/Kg	☼	01/29/19 14:22	01/30/19 19:28	5
Benzo[a]pyrene	4400		1000	150	ug/Kg	☼	01/29/19 14:22	01/30/19 19:28	5
Benzo[b]fluoranthene	5400		1000	170	ug/Kg	☼	01/29/19 14:22	01/30/19 19:28	5
Benzo[g,h,i]perylene	3100		1000	110	ug/Kg	☼	01/29/19 14:22	01/30/19 19:28	5
Benzo[k]fluoranthene	2100		1000	140	ug/Kg	☼	01/29/19 14:22	01/30/19 19:28	5
Chrysene	5100		1000	230	ug/Kg	☼	01/29/19 14:22	01/30/19 19:28	5
Dibenz(a,h)anthracene	ND		1000	180	ug/Kg	☼	01/29/19 14:22	01/30/19 19:28	5
Fluoranthene	12000		1000	110	ug/Kg	☼	01/29/19 14:22	01/30/19 19:28	5
Fluorene	1700		1000	120	ug/Kg	☼	01/29/19 14:22	01/30/19 19:28	5
Indeno[1,2,3-cd]pyrene	2600		1000	130	ug/Kg	☼	01/29/19 14:22	01/30/19 19:28	5
Naphthalene	850	J	1000	140	ug/Kg	☼	01/29/19 14:22	01/30/19 19:28	5
Pyrene	10000		1000	120	ug/Kg	☼	01/29/19 14:22	01/30/19 19:28	5
Phenanthrene	13000		1000	150	ug/Kg	☼	01/29/19 14:22	01/30/19 19:28	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*98*		*54 - 120*	*01/29/19 14:22*	*01/30/19 19:28*	*5*
2-Fluorobiphenyl	*82*		*60 - 120*	*01/29/19 14:22*	*01/30/19 19:28*	*5*
2-Fluorophenol (Surr)	*79*		*52 - 120*	*01/29/19 14:22*	*01/30/19 19:28*	*5*
Phenol-d5 (Surr)	*80*		*54 - 120*	*01/29/19 14:22*	*01/30/19 19:28*	*5*
p-Terphenyl-d14 (Surr)	*105*		*65 - 121*	*01/29/19 14:22*	*01/30/19 19:28*	*5*
Nitrobenzene-d5 (Surr)	*79*		*53 - 120*	*01/29/19 14:22*	*01/30/19 19:28*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	22.0		2.6	0.52	mg/Kg	☼	02/01/19 08:10	02/01/19 20:57	1
Barium	209		0.64	0.14	mg/Kg	☼	02/01/19 08:10	02/01/19 20:57	1
Cadmium	0.65		0.26	0.039	mg/Kg	☼	02/01/19 08:10	02/01/19 20:57	1
Chromium	13.7		0.64	0.26	mg/Kg	☼	02/01/19 08:10	02/01/19 20:57	1
Lead	275	B	1.3	0.31	mg/Kg	☼	02/01/19 08:10	02/01/19 20:57	1
Selenium	2.2	J	5.2	0.52	mg/Kg	☼	02/01/19 08:10	02/01/19 20:57	1
Silver	0.30	J	0.77	0.26	mg/Kg	☼	02/01/19 08:10	02/01/19 20:57	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.27		0.026	0.010	mg/Kg	☼	01/31/19 11:25	01/31/19 13:38	1

Client Sample ID: SB-8 (2-4)
Date Collected: 01/24/19 12:30
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-4
Matrix: Solid
Percent Solids: 77.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.4	0.46	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
1,1,2,2-Tetrachloroethane	ND	vs	6.4	1.0	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.4	1.5	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
1,1,2-Trichloroethane	ND	vs	6.4	0.83	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
1,1-Dichloroethane	ND	vs	6.4	0.78	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
1,1-Dichloroethene	ND	vs	6.4	0.78	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
1,2,4-Trichlorobenzene	ND	vs	6.4	0.39	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
1,2,4-Trimethylbenzene	ND	vs	6.4	1.2	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.4	3.2	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
1,2-Dichlorobenzene	ND	vs	6.4	0.50	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
1,2-Dichloroethane	ND	vs	6.4	0.32	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
1,2-Dichloropropane	ND	vs	6.4	3.2	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
1,3,5-Trimethylbenzene	ND	vs	6.4	0.41	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
1,3-Dichlorobenzene	ND	vs	6.4	0.33	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
1,4-Dichlorobenzene	ND	vs	6.4	0.90	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
2-Hexanone	ND	vs	32	3.2	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
4-Isopropyltoluene	ND	vs	6.4	0.51	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
Acetone	**49**	**vs**	32	5.4	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
Benzene	**2.3**	**J vs**	6.4	0.31	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
Bromoform	ND	vs	6.4	3.2	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
Bromomethane	ND	vs	6.4	0.58	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
Carbon disulfide	ND	vs	6.4	3.2	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
Carbon tetrachloride	ND	vs	6.4	0.62	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
Chlorobenzene	ND	vs	6.4	0.84	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
Dibromochloromethane	ND	vs	6.4	0.82	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
Chloroethane	ND	vs	6.4	1.4	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
Chloroform	ND	vs	6.4	0.40	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
Chloromethane	ND	vs	6.4	0.39	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
cis-1,2-Dichloroethene	ND	vs	6.4	0.82	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
cis-1,3-Dichloropropene	ND	vs	6.4	0.92	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
Cyclohexane	ND	vs	6.4	0.90	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
Bromodichloromethane	ND	vs	6.4	0.86	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
Dichlorodifluoromethane	ND	vs	6.4	0.53	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
Ethylbenzene	ND	vs	6.4	0.44	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
1,2-Dibromoethane	ND	vs	6.4	0.82	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
Isopropylbenzene	ND	vs	6.4	0.96	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
Methyl acetate	ND	vs	32	3.9	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
2-Butanone (MEK)	**9.0**	**J vs**	32	2.3	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
4-Methyl-2-pentanone (MIBK)	ND	vs	32	2.1	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
Methyl tert-butyl ether	ND	vs	6.4	0.63	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
Methylcyclohexane	ND	vs	6.4	0.97	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
Methylene Chloride	**2.9**	**J vs B**	6.4	2.9	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
m,p-Xylene	ND	vs	13	1.1	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
n-Butylbenzene	ND	vs	6.4	0.56	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
N-Propylbenzene	ND	vs	6.4	0.51	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
o-Xylene	ND	vs	6.4	0.84	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
sec-Butylbenzene	ND	vs	6.4	0.56	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
Styrene	ND	vs	6.4	0.32	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
tert-Butylbenzene	ND	vs	6.4	0.67	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1

Client Sample ID: SB-8 (2-4)

Date Collected: 01/24/19 12:30
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-4

Matrix: Solid
Percent Solids: 77.7

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND	vs	6.4	0.86	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
Toluene	ND	vs	6.4	0.48	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
trans-1,2-Dichloroethene	ND	vs	6.4	0.66	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
trans-1,3-Dichloropropene	ND	vs	6.4	2.8	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
Trichloroethene	ND	vs	6.4	1.4	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
Trichlorofluoromethane	ND	vs	6.4	0.60	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
Vinyl chloride	ND	vs	6.4	0.78	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1
Xylenes, Total	ND	vs	13	1.1	ug/Kg	☼	01/31/19 19:45	02/01/19 00:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*	*01/31/19 19:45*	*02/01/19 00:49*	*1*
Toluene-d8 (Surr)	*103*		*71 - 125*	*01/31/19 19:45*	*02/01/19 00:49*	*1*
4-Bromofluorobenzene (Surr)	*100*		*72 - 126*	*01/31/19 19:45*	*02/01/19 00:49*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1100	160	ug/Kg	☼	01/29/19 14:22	01/30/19 19:54	5
Acenaphthylene	ND		1100	140	ug/Kg	☼	01/29/19 14:22	01/30/19 19:54	5
Anthracene	**350**	**J**	1100	270	ug/Kg	☼	01/29/19 14:22	01/30/19 19:54	5
Benzo[a]anthracene	**1000**	**J**	1100	110	ug/Kg	☼	01/29/19 14:22	01/30/19 19:54	5
Benzo[a]pyrene	**890**	**J**	1100	160	ug/Kg	☼	01/29/19 14:22	01/30/19 19:54	5
Benzo[b]fluoranthene	**1300**		1100	170	ug/Kg	☼	01/29/19 14:22	01/30/19 19:54	5
Benzo[g,h,i]perylene	**860**	**J**	1100	110	ug/Kg	☼	01/29/19 14:22	01/30/19 19:54	5
Benzo[k]fluoranthene	**540**	**J**	1100	140	ug/Kg	☼	01/29/19 14:22	01/30/19 19:54	5
Chrysene	**1200**		1100	240	ug/Kg	☼	01/29/19 14:22	01/30/19 19:54	5
Dibenz(a,h)anthracene	ND		1100	190	ug/Kg	☼	01/29/19 14:22	01/30/19 19:54	5
Fluoranthene	**1800**		1100	110	ug/Kg	☼	01/29/19 14:22	01/30/19 19:54	5
Fluorene	ND		1100	130	ug/Kg	☼	01/29/19 14:22	01/30/19 19:54	5
Indeno[1,2,3-cd]pyrene	**710**	**J**	1100	130	ug/Kg	☼	01/29/19 14:22	01/30/19 19:54	5
Naphthalene	ND		1100	140	ug/Kg	☼	01/29/19 14:22	01/30/19 19:54	5
Pyrene	**1600**		1100	130	ug/Kg	☼	01/29/19 14:22	01/30/19 19:54	5
Phenanthrene	**1000**	**J**	1100	160	ug/Kg	☼	01/29/19 14:22	01/30/19 19:54	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*99*		*54 - 120*	*01/29/19 14:22*	*01/30/19 19:54*	*5*
2-Fluorobiphenyl	*80*		*60 - 120*	*01/29/19 14:22*	*01/30/19 19:54*	*5*
2-Fluorophenol (Surr)	*73*		*52 - 120*	*01/29/19 14:22*	*01/30/19 19:54*	*5*
Phenol-d5 (Surr)	*74*		*54 - 120*	*01/29/19 14:22*	*01/30/19 19:54*	*5*
p-Terphenyl-d14 (Surr)	*99*		*65 - 121*	*01/29/19 14:22*	*01/30/19 19:54*	*5*
Nitrobenzene-d5 (Surr)	*76*		*53 - 120*	*01/29/19 14:22*	*01/30/19 19:54*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13.3**		2.6	0.52	mg/Kg	☼	02/01/19 08:10	02/01/19 21:12	1
Barium	**500**		0.65	0.14	mg/Kg	☼	02/01/19 08:10	02/01/19 21:12	1
Cadmium	**0.69**		0.26	0.039	mg/Kg	☼	02/01/19 08:10	02/01/19 21:12	1
Chromium	**16.5**		0.65	0.26	mg/Kg	☼	02/01/19 08:10	02/01/19 21:12	1
Lead	**1550**	**B**	1.3	0.31	mg/Kg	☼	02/01/19 08:10	02/01/19 21:12	1
Selenium	**1.4**	**J**	5.2	0.52	mg/Kg	☼	02/01/19 08:10	02/01/19 21:12	1
Silver	ND		0.78	0.26	mg/Kg	☼	02/01/19 08:10	02/01/19 21:12	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148426-1

Client Sample ID: SB-8 (2-4)
Date Collected: 01/24/19 12:30
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-4
Matrix: Solid
Percent Solids: 77.7

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1.1		0.026	0.011	mg/Kg	☼	01/31/19 11:25	01/31/19 13:46	1

Client Sample ID: SB-10 (2.5-4.5)

Date Collected: 01/24/19 13:30
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-5

Matrix: Solid
Percent Solids: 77.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.2	0.45	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
1,1,2,2-Tetrachloroethane	ND	vs	6.2	1.0	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.2	1.4	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
1,1,2-Trichloroethane	ND	vs	6.2	0.81	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
1,1-Dichloroethane	ND	vs	6.2	0.76	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
1,1-Dichloroethene	ND	vs	6.2	0.76	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
1,2,4-Trichlorobenzene	ND	vs	6.2	0.38	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
1,2,4-Trimethylbenzene	ND	vs	6.2	1.2	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.2	3.1	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
1,2-Dichlorobenzene	ND	vs	6.2	0.49	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
1,2-Dichloroethane	ND	vs	6.2	0.31	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
1,2-Dichloropropane	ND	vs	6.2	3.1	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
1,3,5-Trimethylbenzene	ND	vs	6.2	0.40	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
1,3-Dichlorobenzene	ND	vs	6.2	0.32	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
1,4-Dichlorobenzene	ND	vs	6.2	0.87	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
2-Hexanone	ND	vs	31	3.1	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
4-Isopropyltoluene	ND	vs	6.2	0.50	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
Acetone	**44**	**vs**	31	5.3	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
Benzene	ND	vs	6.2	0.31	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
Bromoform	ND	vs	6.2	3.1	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
Bromomethane	ND	vs	6.2	0.56	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
Carbon disulfide	ND	vs	6.2	3.1	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
Carbon tetrachloride	ND	vs	6.2	0.60	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
Chlorobenzene	ND	vs	6.2	0.82	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
Dibromochloromethane	ND	vs	6.2	0.80	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
Chloroethane	ND	vs	6.2	1.4	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
Chloroform	ND	vs	6.2	0.39	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
Chloromethane	ND	vs	6.2	0.38	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
cis-1,2-Dichloroethene	ND	vs	6.2	0.80	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
cis-1,3-Dichloropropene	ND	vs	6.2	0.90	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
Cyclohexane	ND	vs	6.2	0.87	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
Bromodichloromethane	ND	vs	6.2	0.84	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
Dichlorodifluoromethane	ND	vs	6.2	0.52	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
Ethylbenzene	ND	vs	6.2	0.43	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
1,2-Dibromoethane	ND	vs	6.2	0.80	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
Isopropylbenzene	ND	vs	6.2	0.94	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
Methyl acetate	ND	vs	31	3.8	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
2-Butanone (MEK)	**6.3**	**J vs**	31	2.3	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
4-Methyl-2-pentanone (MIBK)	ND	vs	31	2.0	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
Methyl tert-butyl ether	ND	vs	6.2	0.61	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
Methylcyclohexane	ND	vs	6.2	0.95	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
Methylene Chloride	ND	vs	6.2	2.9	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
m,p-Xylene	ND	vs	12	1.0	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
n-Butylbenzene	ND	vs	6.2	0.54	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
N-Propylbenzene	ND	vs	6.2	0.50	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
o-Xylene	ND	vs	6.2	0.81	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
sec-Butylbenzene	ND	vs	6.2	0.54	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
Styrene	ND	vs	6.2	0.31	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
tert-Butylbenzene	ND	vs	6.2	0.65	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1

Client Sample ID: SB-10 (2.5-4.5)

Date Collected: 01/24/19 13:30
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-5

Matrix: Solid
Percent Solids: 77.7

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND	vs	6.2	0.84	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
Toluene	ND	vs	6.2	0.47	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
trans-1,2-Dichloroethene	ND	vs	6.2	0.64	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
trans-1,3-Dichloropropene	ND	vs	6.2	2.7	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
Trichloroethene	ND	vs	6.2	1.4	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
Trichlorofluoromethane	ND	vs	6.2	0.59	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
Vinyl chloride	ND	vs	6.2	0.76	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1
Xylenes, Total	ND	vs	12	1.0	ug/Kg	☼	01/31/19 08:43	01/31/19 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*64 - 126*	*01/31/19 08:43*	*01/31/19 13:01*	*1*
Toluene-d8 (Surr)	*111*		*71 - 125*	*01/31/19 08:43*	*01/31/19 13:01*	*1*
4-Bromofluorobenzene (Surr)	*92*		*72 - 126*	*01/31/19 08:43*	*01/31/19 13:01*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		220	32	ug/Kg	☼	01/29/19 14:22	01/30/19 20:19	1
Acenaphthylene	ND		220	28	ug/Kg	☼	01/29/19 14:22	01/30/19 20:19	1
Anthracene	**68**	**J**	220	54	ug/Kg	☼	01/29/19 14:22	01/30/19 20:19	1
Benzo[a]anthracene	**210**	**J**	220	22	ug/Kg	☼	01/29/19 14:22	01/30/19 20:19	1
Benzo[a]pyrene	**180**	**J**	220	32	ug/Kg	☼	01/29/19 14:22	01/30/19 20:19	1
Benzo[b]fluoranthene	**320**		220	35	ug/Kg	☼	01/29/19 14:22	01/30/19 20:19	1
Benzo[g,h,i]perylene	**190**	**J**	220	23	ug/Kg	☼	01/29/19 14:22	01/30/19 20:19	1
Benzo[k]fluoranthene	ND		220	28	ug/Kg	☼	01/29/19 14:22	01/30/19 20:19	1
Chrysene	**230**		220	49	ug/Kg	☼	01/29/19 14:22	01/30/19 20:19	1
Dibenz(a,h)anthracene	ND		220	38	ug/Kg	☼	01/29/19 14:22	01/30/19 20:19	1
Fluoranthene	**390**		220	23	ug/Kg	☼	01/29/19 14:22	01/30/19 20:19	1
Fluorene	ND		220	26	ug/Kg	☼	01/29/19 14:22	01/30/19 20:19	1
Indeno[1,2,3-cd]pyrene	**150**	**J**	220	27	ug/Kg	☼	01/29/19 14:22	01/30/19 20:19	1
Naphthalene	**41**	**J**	220	28	ug/Kg	☼	01/29/19 14:22	01/30/19 20:19	1
Pyrene	**340**		220	26	ug/Kg	☼	01/29/19 14:22	01/30/19 20:19	1
Phenanthrene	**260**		220	32	ug/Kg	☼	01/29/19 14:22	01/30/19 20:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*100*		*54 - 120*	*01/29/19 14:22*	*01/30/19 20:19*	*1*
2-Fluorobiphenyl	*88*		*60 - 120*	*01/29/19 14:22*	*01/30/19 20:19*	*1*
2-Fluorophenol (Surr)	*83*		*52 - 120*	*01/29/19 14:22*	*01/30/19 20:19*	*1*
Phenol-d5 (Surr)	*82*		*54 - 120*	*01/29/19 14:22*	*01/30/19 20:19*	*1*
p-Terphenyl-d14 (Surr)	*105*		*65 - 121*	*01/29/19 14:22*	*01/30/19 20:19*	*1*
Nitrobenzene-d5 (Surr)	*86*		*53 - 120*	*01/29/19 14:22*	*01/30/19 20:19*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.3**		2.5	0.50	mg/Kg	☼	02/01/19 08:10	02/01/19 21:15	1
Barium	**169**		0.63	0.14	mg/Kg	☼	02/01/19 08:10	02/01/19 21:15	1
Cadmium	**0.65**		0.25	0.038	mg/Kg	☼	02/01/19 08:10	02/01/19 21:15	1
Chromium	**20.3**		0.63	0.25	mg/Kg	☼	02/01/19 08:10	02/01/19 21:15	1
Lead	**518**	**F2 B**	1.3	0.30	mg/Kg	☼	02/01/19 08:10	02/01/19 21:15	1
Selenium	**1.2**	**J**	5.0	0.50	mg/Kg	☼	02/01/19 08:10	02/01/19 21:15	1
Silver	ND		0.76	0.25	mg/Kg	☼	02/01/19 08:10	02/01/19 21:15	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148426-1

Client Sample ID: SB-10 (2.5-4.5)
Date Collected: 01/24/19 13:30
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-5
Matrix: Solid
Percent Solids: 77.7

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.34		0.026	0.010	mg/Kg	☼	01/31/19 11:25	01/31/19 13:47	1

Client Sample ID: SB-11 (6-8)
Date Collected: 01/24/19 14:00
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-6
Matrix: Solid
Percent Solids: 84.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		130	35	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
1,1,2,2-Tetrachloroethane	ND		130	21	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		130	64	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
1,1,2-Trichloroethane	ND		130	27	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
1,1-Dichloroethane	ND		130	39	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
1,1-Dichloroethene	ND		130	44	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
1,2,4-Trichlorobenzene	ND		130	48	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
1,2,4-Trimethylbenzene	**490**		130	35	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
1,2-Dibromo-3-Chloropropane	ND		130	64	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
1,2-Dichlorobenzene	ND		130	32	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
1,2-Dichloroethane	ND		130	52	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
1,2-Dichloropropane	ND		130	21	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
1,3,5-Trimethylbenzene	ND		130	38	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
1,3-Dichlorobenzene	ND		130	34	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
1,4-Dichlorobenzene	ND		130	18	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
2-Butanone (MEK)	ND		640	380	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
2-Hexanone	ND		640	260	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
4-Isopropyltoluene	ND		130	43	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
4-Methyl-2-pentanone (MIBK)	ND		640	41	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Acetone	ND		640	520	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Benzene	ND		130	24	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Bromoform	ND	*	130	64	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Bromomethane	ND		130	28	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Carbon disulfide	ND		130	58	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Carbon tetrachloride	ND		130	32	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Chlorobenzene	ND		130	17	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Dibromochloromethane	ND		130	62	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Chloroethane	ND		130	26	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Chloroform	ND		130	87	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Chloromethane	ND		130	30	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
cis-1,2-Dichloroethene	ND		130	35	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Cyclohexane	**190**		130	28	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Bromodichloromethane	ND		130	25	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Dichlorodifluoromethane	ND		130	55	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Ethylbenzene	ND		130	37	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
1,2-Dibromoethane	ND		130	22	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Isopropylbenzene	**50**	**J**	130	19	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Methyl acetate	ND		640	60	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Methyl tert-butyl ether	ND		130	48	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Methylcyclohexane	**97**	**J**	130	59	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Methylene Chloride	ND		130	25	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
m,p-Xylene	**74**	**J**	250	70	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
n-Butylbenzene	**100**	**J**	130	37	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
N-Propylbenzene	**140**		130	33	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
o-Xylene	**41**	**J**	130	17	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
sec-Butylbenzene	**67**	**J**	130	47	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Tetrachloroethene	ND		130	17	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Toluene	ND		130	34	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
trans-1,2-Dichloroethene	ND		130	30	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1

Client Sample ID: SB-11 (6-8)
Date Collected: 01/24/19 14:00
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-6
Matrix: Solid
Percent Solids: 84.7

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		130	12	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Trichloroethene	ND		130	35	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Trichlorofluoromethane	ND		130	60	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Vinyl chloride	ND		130	43	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Xylenes, Total	**120**	**J**	250	70	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
cis-1,3-Dichloropropene	ND		130	30	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
Styrene	ND		130	31	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1
tert-Butylbenzene	ND		130	35	ug/Kg	☼	01/31/19 07:37	01/31/19 14:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*53 - 146*	*01/31/19 07:37*	*01/31/19 14:27*	*1*
4-Bromofluorobenzene (Surr)	*101*		*49 - 148*	*01/31/19 07:37*	*01/31/19 14:27*	*1*
Toluene-d8 (Surr)	*97*		*50 - 149*	*01/31/19 07:37*	*01/31/19 14:27*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**94**	**J**	200	29	ug/Kg	☼	01/29/19 14:22	01/30/19 20:45	1
Acenaphthylene	ND		200	26	ug/Kg	☼	01/29/19 14:22	01/30/19 20:45	1
Anthracene	**89**	**J**	200	49	ug/Kg	☼	01/29/19 14:22	01/30/19 20:45	1
Benzo[a]anthracene	**210**		200	20	ug/Kg	☼	01/29/19 14:22	01/30/19 20:45	1
Benzo[a]pyrene	**220**		200	29	ug/Kg	☼	01/29/19 14:22	01/30/19 20:45	1
Benzo[b]fluoranthene	**300**		200	31	ug/Kg	☼	01/29/19 14:22	01/30/19 20:45	1
Benzo[g,h,i]perylene	**230**		200	21	ug/Kg	☼	01/29/19 14:22	01/30/19 20:45	1
Benzo[k]fluoranthene	**180**	**J**	200	26	ug/Kg	☼	01/29/19 14:22	01/30/19 20:45	1
Chrysene	**240**		200	44	ug/Kg	☼	01/29/19 14:22	01/30/19 20:45	1
Dibenz(a,h)anthracene	**74**	**J**	200	35	ug/Kg	☼	01/29/19 14:22	01/30/19 20:45	1
Fluoranthene	**450**		200	21	ug/Kg	☼	01/29/19 14:22	01/30/19 20:45	1
Fluorene	ND		200	23	ug/Kg	☼	01/29/19 14:22	01/30/19 20:45	1
Indeno[1,2,3-cd]pyrene	**200**		200	24	ug/Kg	☼	01/29/19 14:22	01/30/19 20:45	1
Naphthalene	ND		200	26	ug/Kg	☼	01/29/19 14:22	01/30/19 20:45	1
Pyrene	**400**		200	23	ug/Kg	☼	01/29/19 14:22	01/30/19 20:45	1
Phenanthrene	**330**		200	29	ug/Kg	☼	01/29/19 14:22	01/30/19 20:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*107*		*54 - 120*	*01/29/19 14:22*	*01/30/19 20:45*	*1*
2-Fluorobiphenyl	*89*		*60 - 120*	*01/29/19 14:22*	*01/30/19 20:45*	*1*
2-Fluorophenol (Surr)	*87*		*52 - 120*	*01/29/19 14:22*	*01/30/19 20:45*	*1*
Phenol-d5 (Surr)	*86*		*54 - 120*	*01/29/19 14:22*	*01/30/19 20:45*	*1*
p-Terphenyl-d14 (Surr)	*111*		*65 - 121*	*01/29/19 14:22*	*01/30/19 20:45*	*1*
Nitrobenzene-d5 (Surr)	*84*		*53 - 120*	*01/29/19 14:22*	*01/30/19 20:45*	*1*

Client Sample ID: SB-13 (2-4)

Date Collected: 01/25/19 09:30
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-7

Matrix: Solid
Percent Solids: 87.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**1700**		980	140	ug/Kg	☼	01/29/19 14:22	01/30/19 21:10	5
Acenaphthylene	ND		980	130	ug/Kg	☼	01/29/19 14:22	01/30/19 21:10	5
Anthracene	**5900**		980	240	ug/Kg	☼	01/29/19 14:22	01/30/19 21:10	5
Benzo[a]anthracene	**13000**		980	98	ug/Kg	☼	01/29/19 14:22	01/30/19 21:10	5
Benzo[a]pyrene	**12000**		980	140	ug/Kg	☼	01/29/19 14:22	01/30/19 21:10	5
Benzo[b]fluoranthene	**14000**		980	150	ug/Kg	☼	01/29/19 14:22	01/30/19 21:10	5
Benzo[g,h,i]perylene	**8500**		980	100	ug/Kg	☼	01/29/19 14:22	01/30/19 21:10	5
Benzo[k]fluoranthene	**5200**		980	130	ug/Kg	☼	01/29/19 14:22	01/30/19 21:10	5
Chrysene	**12000**		980	220	ug/Kg	☼	01/29/19 14:22	01/30/19 21:10	5
Dibenz(a,h)anthracene	ND		980	170	ug/Kg	☼	01/29/19 14:22	01/30/19 21:10	5
Fluoranthene	**31000**		980	100	ug/Kg	☼	01/29/19 14:22	01/30/19 21:10	5
Fluorene	**1500**		980	110	ug/Kg	☼	01/29/19 14:22	01/30/19 21:10	5
Indeno[1,2,3-cd]pyrene	**7600**		980	120	ug/Kg	☼	01/29/19 14:22	01/30/19 21:10	5
Naphthalene	**460**	**J**	980	130	ug/Kg	☼	01/29/19 14:22	01/30/19 21:10	5
Pyrene	**24000**		980	110	ug/Kg	☼	01/29/19 14:22	01/30/19 21:10	5
Phenanthrene	**25000**		980	140	ug/Kg	☼	01/29/19 14:22	01/30/19 21:10	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*114*		*54 - 120*	*01/29/19 14:22*	*01/30/19 21:10*	*5*
2-Fluorobiphenyl	*86*		*60 - 120*	*01/29/19 14:22*	*01/30/19 21:10*	*5*
2-Fluorophenol (Surr)	*81*		*52 - 120*	*01/29/19 14:22*	*01/30/19 21:10*	*5*
Phenol-d5 (Surr)	*85*		*54 - 120*	*01/29/19 14:22*	*01/30/19 21:10*	*5*
p-Terphenyl-d14 (Surr)	*99*		*65 - 121*	*01/29/19 14:22*	*01/30/19 21:10*	*5*
Nitrobenzene-d5 (Surr)	*84*		*53 - 120*	*01/29/19 14:22*	*01/30/19 21:10*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**20.9**		2.3	0.45	mg/Kg	☼	02/01/19 08:10	02/01/19 21:34	1
Barium	**124**		0.56	0.12	mg/Kg	☼	02/01/19 08:10	02/01/19 21:34	1
Cadmium	**0.79**		0.23	0.034	mg/Kg	☼	02/01/19 08:10	02/01/19 21:34	1
Chromium	**21.0**		0.56	0.23	mg/Kg	☼	02/01/19 08:10	02/01/19 21:34	1
Lead	**125**	**B**	1.1	0.27	mg/Kg	☼	02/01/19 08:10	02/01/19 21:34	1
Selenium	**1.1**	**J**	4.5	0.45	mg/Kg	☼	02/01/19 08:10	02/01/19 21:34	1
Silver	ND		0.68	0.23	mg/Kg	☼	02/01/19 08:10	02/01/19 21:34	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.23**		0.022	0.0091	mg/Kg	☼	01/31/19 11:25	01/31/19 13:48	1

Client Sample ID: SB-14 (2-4)

Date Collected: 01/25/19 10:00
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-8

Matrix: Solid
Percent Solids: 77.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**320**	**J**	1100	160	ug/Kg	☼	01/29/19 14:22	01/30/19 21:35	5
Acenaphthylene	ND		1100	140	ug/Kg	☼	01/29/19 14:22	01/30/19 21:35	5
Anthracene	**1000**	**J**	1100	270	ug/Kg	☼	01/29/19 14:22	01/30/19 21:35	5
Benzo[a]anthracene	**2100**		1100	110	ug/Kg	☼	01/29/19 14:22	01/30/19 21:35	5
Benzo[a]pyrene	**1800**		1100	160	ug/Kg	☼	01/29/19 14:22	01/30/19 21:35	5
Benzo[b]fluoranthene	**2400**		1100	170	ug/Kg	☼	01/29/19 14:22	01/30/19 21:35	5
Benzo[g,h,i]perylene	**1400**		1100	110	ug/Kg	☼	01/29/19 14:22	01/30/19 21:35	5
Benzo[k]fluoranthene	**1100**		1100	140	ug/Kg	☼	01/29/19 14:22	01/30/19 21:35	5
Chrysene	**2100**		1100	240	ug/Kg	☼	01/29/19 14:22	01/30/19 21:35	5
Dibenz(a,h)anthracene	ND		1100	190	ug/Kg	☼	01/29/19 14:22	01/30/19 21:35	5
Fluoranthene	**4500**		1100	110	ug/Kg	☼	01/29/19 14:22	01/30/19 21:35	5
Fluorene	**390**	**J**	1100	130	ug/Kg	☼	01/29/19 14:22	01/30/19 21:35	5
Indeno[1,2,3-cd]pyrene	**1200**		1100	130	ug/Kg	☼	01/29/19 14:22	01/30/19 21:35	5
Naphthalene	**140**	**J**	1100	140	ug/Kg	☼	01/29/19 14:22	01/30/19 21:35	5
Pyrene	**3700**		1100	130	ug/Kg	☼	01/29/19 14:22	01/30/19 21:35	5
Phenanthrene	**3700**		1100	160	ug/Kg	☼	01/29/19 14:22	01/30/19 21:35	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*97*		*54 - 120*	*01/29/19 14:22*	*01/30/19 21:35*	*5*
2-Fluorobiphenyl	*78*		*60 - 120*	*01/29/19 14:22*	*01/30/19 21:35*	*5*
2-Fluorophenol (Surr)	*81*		*52 - 120*	*01/29/19 14:22*	*01/30/19 21:35*	*5*
Phenol-d5 (Surr)	*80*		*54 - 120*	*01/29/19 14:22*	*01/30/19 21:35*	*5*
p-Terphenyl-d14 (Surr)	*108*		*65 - 121*	*01/29/19 14:22*	*01/30/19 21:35*	*5*
Nitrobenzene-d5 (Surr)	*77*		*53 - 120*	*01/29/19 14:22*	*01/30/19 21:35*	*5*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.31	0.060	mg/Kg	☼	01/30/19 08:35	01/31/19 15:14	1
PCB-1221	ND		0.31	0.060	mg/Kg	☼	01/30/19 08:35	01/31/19 15:14	1
PCB-1232	ND		0.31	0.060	mg/Kg	☼	01/30/19 08:35	01/31/19 15:14	1
PCB-1242	ND		0.31	0.060	mg/Kg	☼	01/30/19 08:35	01/31/19 15:14	1
PCB-1248	ND		0.31	0.060	mg/Kg	☼	01/30/19 08:35	01/31/19 15:14	1
PCB-1254	ND		0.31	0.14	mg/Kg	☼	01/30/19 08:35	01/31/19 15:14	1
PCB-1260	ND		0.31	0.14	mg/Kg	☼	01/30/19 08:35	01/31/19 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*82*		*60 - 154*	*01/30/19 08:35*	*01/31/19 15:14*	*1*
DCB Decachlorobiphenyl	*76*		*65 - 174*	*01/30/19 08:35*	*01/31/19 15:14*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**23.4**		2.7	0.54	mg/Kg	☼	02/01/19 08:10	02/01/19 21:38	1
Barium	**84.1**		0.67	0.15	mg/Kg	☼	02/01/19 08:10	02/01/19 21:38	1
Cadmium	ND		1.3	0.20	mg/Kg	☼	02/01/19 08:10	02/06/19 10:55	5
Chromium	**16.8**		0.67	0.27	mg/Kg	☼	02/01/19 08:10	02/01/19 21:38	1
Lead	**304**	**B**	6.7	1.6	mg/Kg	☼	02/01/19 08:10	02/06/19 10:55	5
Selenium	**2.7**	**J**	5.4	0.54	mg/Kg	☼	02/01/19 08:10	02/01/19 21:38	1
Silver	ND		4.0	1.3	mg/Kg	☼	02/01/19 08:10	02/06/19 10:55	5

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148426-1

Client Sample ID: SB-14 (2-4)
Date Collected: 01/25/19 10:00
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-8
Matrix: Solid
Percent Solids: 77.3

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.61		0.025	0.010	mg/Kg	☼	01/31/19 11:25	01/31/19 13:49	1

Client Sample ID: SB-15 (2-5)

Date Collected: 01/25/19 10:30
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-9

Matrix: Solid
Percent Solids: 74.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1100	170	ug/Kg	☼	01/29/19 14:22	01/30/19 22:01	5
Acenaphthylene	ND		1100	150	ug/Kg	☼	01/29/19 14:22	01/30/19 22:01	5
Anthracene	ND		1100	280	ug/Kg	☼	01/29/19 14:22	01/30/19 22:01	5
Benzo[a]anthracene	ND		1100	110	ug/Kg	☼	01/29/19 14:22	01/30/19 22:01	5
Benzo[a]pyrene	ND		1100	170	ug/Kg	☼	01/29/19 14:22	01/30/19 22:01	5
Benzo[b]fluoranthene	**220**	**J**	1100	180	ug/Kg	☼	01/29/19 14:22	01/30/19 22:01	5
Benzo[g,h,i]perylene	**260**	**J**	1100	120	ug/Kg	☼	01/29/19 14:22	01/30/19 22:01	5
Benzo[k]fluoranthene	ND		1100	150	ug/Kg	☼	01/29/19 14:22	01/30/19 22:01	5
Chrysene	**270**	**J**	1100	250	ug/Kg	☼	01/29/19 14:22	01/30/19 22:01	5
Dibenz(a,h)anthracene	ND		1100	200	ug/Kg	☼	01/29/19 14:22	01/30/19 22:01	5
Fluoranthene	**260**	**J**	1100	120	ug/Kg	☼	01/29/19 14:22	01/30/19 22:01	5
Fluorene	ND		1100	130	ug/Kg	☼	01/29/19 14:22	01/30/19 22:01	5
Indeno[1,2,3-cd]pyrene	**210**	**J**	1100	140	ug/Kg	☼	01/29/19 14:22	01/30/19 22:01	5
Naphthalene	ND		1100	150	ug/Kg	☼	01/29/19 14:22	01/30/19 22:01	5
Pyrene	**220**	**J**	1100	130	ug/Kg	☼	01/29/19 14:22	01/30/19 22:01	5
Phenanthrene	**320**	**J**	1100	170	ug/Kg	☼	01/29/19 14:22	01/30/19 22:01	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*54 - 120*	*01/29/19 14:22*	*01/30/19 22:01*	*5*
2-Fluorobiphenyl	*79*		*60 - 120*	*01/29/19 14:22*	*01/30/19 22:01*	*5*
2-Fluorophenol (Surr)	*77*		*52 - 120*	*01/29/19 14:22*	*01/30/19 22:01*	*5*
Phenol-d5 (Surr)	*82*		*54 - 120*	*01/29/19 14:22*	*01/30/19 22:01*	*5*
p-Terphenyl-d14 (Surr)	*106*		*65 - 121*	*01/29/19 14:22*	*01/30/19 22:01*	*5*
Nitrobenzene-d5 (Surr)	*67*		*53 - 120*	*01/29/19 14:22*	*01/30/19 22:01*	*5*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.30	0.058	mg/Kg	☼	01/30/19 08:35	01/31/19 15:30	1
PCB-1221	ND		0.30	0.058	mg/Kg	☼	01/30/19 08:35	01/31/19 15:30	1
PCB-1232	ND		0.30	0.058	mg/Kg	☼	01/30/19 08:35	01/31/19 15:30	1
PCB-1242	ND		0.30	0.058	mg/Kg	☼	01/30/19 08:35	01/31/19 15:30	1
PCB-1248	ND		0.30	0.058	mg/Kg	☼	01/30/19 08:35	01/31/19 15:30	1
PCB-1254	ND		0.30	0.14	mg/Kg	☼	01/30/19 08:35	01/31/19 15:30	1
PCB-1260	ND		0.30	0.14	mg/Kg	☼	01/30/19 08:35	01/31/19 15:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*60 - 154*	*01/30/19 08:35*	*01/31/19 15:30*	*1*
DCB Decachlorobiphenyl	*80*		*65 - 174*	*01/30/19 08:35*	*01/31/19 15:30*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14.3**		2.6	0.52	mg/Kg	☼	02/01/19 08:10	02/01/19 21:42	1
Barium	**331**		0.65	0.14	mg/Kg	☼	02/01/19 08:10	02/01/19 21:42	1
Cadmium	**0.65**		0.26	0.039	mg/Kg	☼	02/01/19 08:10	02/01/19 21:42	1
Chromium	**12.4**		0.65	0.26	mg/Kg	☼	02/01/19 08:10	02/01/19 21:42	1
Lead	**438**	**B**	1.3	0.31	mg/Kg	☼	02/01/19 08:10	02/01/19 21:42	1
Selenium	**1.9**	**J**	5.2	0.52	mg/Kg	☼	02/01/19 08:10	02/01/19 21:42	1
Silver	ND		0.78	0.26	mg/Kg	☼	02/01/19 08:10	02/01/19 21:42	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148426-1

Client Sample ID: SB-15 (2-5)
Date Collected: 01/25/19 10:30
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-9
Matrix: Solid
Percent Solids: 74.9

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	12.6		0.26	0.10	mg/Kg	☼	01/31/19 11:25	01/31/19 14:19	10

Client Sample ID: SB-16 (3-5)

Date Collected: 01/25/19 11:00
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-10

Matrix: Solid
Percent Solids: 92.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		180	27	ug/Kg	☼	01/29/19 14:22	01/30/19 22:26	1
Acenaphthylene	ND		180	23	ug/Kg	☼	01/29/19 14:22	01/30/19 22:26	1
Anthracene	ND		180	45	ug/Kg	☼	01/29/19 14:22	01/30/19 22:26	1
Benzo[a]anthracene	**76**	**J**	180	18	ug/Kg	☼	01/29/19 14:22	01/30/19 22:26	1
Benzo[a]pyrene	**82**	**J**	180	27	ug/Kg	☼	01/29/19 14:22	01/30/19 22:26	1
Benzo[b]fluoranthene	**140**	**J**	180	29	ug/Kg	☼	01/29/19 14:22	01/30/19 22:26	1
Benzo[g,h,i]perylene	**150**	**J**	180	19	ug/Kg	☼	01/29/19 14:22	01/30/19 22:26	1
Benzo[k]fluoranthene	**53**	**J**	180	23	ug/Kg	☼	01/29/19 14:22	01/30/19 22:26	1
Chrysene	**100**	**J**	180	41	ug/Kg	☼	01/29/19 14:22	01/30/19 22:26	1
Dibenz(a,h)anthracene	ND		180	32	ug/Kg	☼	01/29/19 14:22	01/30/19 22:26	1
Fluoranthene	**110**	**J**	180	19	ug/Kg	☼	01/29/19 14:22	01/30/19 22:26	1
Fluorene	ND		180	21	ug/Kg	☼	01/29/19 14:22	01/30/19 22:26	1
Indeno[1,2,3-cd]pyrene	**100**	**J**	180	22	ug/Kg	☼	01/29/19 14:22	01/30/19 22:26	1
Naphthalene	ND		180	23	ug/Kg	☼	01/29/19 14:22	01/30/19 22:26	1
Pyrene	**110**	**J**	180	21	ug/Kg	☼	01/29/19 14:22	01/30/19 22:26	1
Phenanthrene	**120**	**J**	180	27	ug/Kg	☼	01/29/19 14:22	01/30/19 22:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*108*		*54 - 120*	*01/29/19 14:22*	*01/30/19 22:26*	*1*
2-Fluorobiphenyl	*93*		*60 - 120*	*01/29/19 14:22*	*01/30/19 22:26*	*1*
2-Fluorophenol (Surr)	*93*		*52 - 120*	*01/29/19 14:22*	*01/30/19 22:26*	*1*
Phenol-d5 (Surr)	*90*		*54 - 120*	*01/29/19 14:22*	*01/30/19 22:26*	*1*
p-Terphenyl-d14 (Surr)	*110*		*65 - 121*	*01/29/19 14:22*	*01/30/19 22:26*	*1*
Nitrobenzene-d5 (Surr)	*85*		*53 - 120*	*01/29/19 14:22*	*01/30/19 22:26*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**6.5**		2.2	0.44	mg/Kg	☼	02/01/19 08:10	02/01/19 21:57	1
Barium	**91.8**		0.56	0.12	mg/Kg	☼	02/01/19 08:10	02/01/19 21:57	1
Cadmium	**0.32**		0.22	0.033	mg/Kg	☼	02/01/19 08:10	02/01/19 21:57	1
Chromium	**11.7**		0.56	0.22	mg/Kg	☼	02/01/19 08:10	02/01/19 21:57	1
Lead	**39.0**	**B**	1.1	0.27	mg/Kg	☼	02/01/19 08:10	02/01/19 21:57	1
Selenium	**1.4**	**J**	4.4	0.44	mg/Kg	☼	02/01/19 08:10	02/01/19 21:57	1
Silver	ND		0.67	0.22	mg/Kg	☼	02/01/19 08:10	02/01/19 21:57	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.048**		0.020	0.0080	mg/Kg	☼	01/31/19 11:25	01/31/19 13:55	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148426-1

Client Sample ID: SB-17 (6-8)
Date Collected: 01/25/19 11:30
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-11
Matrix: Solid
Percent Solids: 79.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1100	300	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
1,1,2,2-Tetrachloroethane	ND		1100	180	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1100	550	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
1,1,2-Trichloroethane	ND		1100	230	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
1,1-Dichloroethane	ND		1100	340	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
1,1-Dichloroethene	ND		1100	380	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
1,2,4-Trichlorobenzene	ND		1100	420	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
1,2,4-Trimethylbenzene	ND		1100	310	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
1,2-Dibromo-3-Chloropropane	ND	F1	1100	550	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
1,2-Dichlorobenzene	ND		1100	280	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
1,2-Dichloroethane	ND		1100	450	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
1,2-Dichloropropane	ND		1100	180	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
1,3,5-Trimethylbenzene	ND		1100	330	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
1,3-Dichlorobenzene	ND		1100	290	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
1,4-Dichlorobenzene	ND		1100	150	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
2-Butanone (MEK)	ND		5500	3300	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
2-Hexanone	ND		5500	2300	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
4-Isopropyltoluene	ND		1100	370	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
4-Methyl-2-pentanone (MIBK)	ND		5500	350	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Acetone	ND	F1	5500	4500	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Benzene	ND		1100	210	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Bromoform	ND	* F1	1100	550	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Bromomethane	ND		1100	240	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Carbon disulfide	ND		1100	500	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Carbon tetrachloride	ND	F1	1100	280	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Chlorobenzene	ND		1100	150	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Dibromochloromethane	ND		1100	530	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Chloroethane	ND		1100	230	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Chloroform	ND		1100	760	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Chloromethane	ND	F1	1100	260	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
cis-1,2-Dichloroethene	ND		1100	300	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Cyclohexane	ND		1100	240	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Bromodichloromethane	ND		1100	220	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Dichlorodifluoromethane	ND		1100	480	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Ethylbenzene	ND		1100	320	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
1,2-Dibromoethane	ND		1100	190	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Isopropylbenzene	ND		1100	170	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Methyl acetate	ND	F1	5500	520	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Methyl tert-butyl ether	ND		1100	420	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Methylcyclohexane	ND		1100	520	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Methylene Chloride	ND		1100	220	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
m,p-Xylene	ND		2200	610	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
n-Butylbenzene	**390**	**J**	1100	320	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
N-Propylbenzene	ND		1100	290	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
o-Xylene	ND		1100	140	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
sec-Butylbenzene	ND		1100	410	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Tetrachloroethene	ND		1100	150	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Toluene	ND		1100	300	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
trans-1,2-Dichloroethene	ND		1100	260	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8

Client Sample ID: SB-17 (6-8)
Date Collected: 01/25/19 11:30
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-11
Matrix: Solid
Percent Solids: 79.5

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		1100	110	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Trichloroethene	ND		1100	310	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Trichlorofluoromethane	ND		1100	520	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Vinyl chloride	ND		1100	370	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Xylenes, Total	ND		2200	610	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
cis-1,3-Dichloropropene	ND		1100	260	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
Styrene	ND		1100	270	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8
tert-Butylbenzene	ND		1100	310	ug/Kg	☼	01/31/19 07:37	01/31/19 14:54	8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*53 - 146*	*01/31/19 07:37*	*01/31/19 14:54*	*8*
4-Bromofluorobenzene (Surr)	*101*		*49 - 148*	*01/31/19 07:37*	*01/31/19 14:54*	*8*
Toluene-d8 (Surr)	*99*		*50 - 149*	*01/31/19 07:37*	*01/31/19 14:54*	*8*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**660**		210	31	ug/Kg	☼	01/29/19 14:22	01/30/19 22:52	1
Acenaphthylene	ND		210	27	ug/Kg	☼	01/29/19 14:22	01/30/19 22:52	1
Anthracene	**240**		210	52	ug/Kg	☼	01/29/19 14:22	01/30/19 22:52	1
Benzo[a]anthracene	ND		210	21	ug/Kg	☼	01/29/19 14:22	01/30/19 22:52	1
Benzo[a]pyrene	ND		210	31	ug/Kg	☼	01/29/19 14:22	01/30/19 22:52	1
Benzo[b]fluoranthene	ND		210	33	ug/Kg	☼	01/29/19 14:22	01/30/19 22:52	1
Benzo[g,h,i]perylene	ND		210	22	ug/Kg	☼	01/29/19 14:22	01/30/19 22:52	1
Benzo[k]fluoranthene	ND		210	27	ug/Kg	☼	01/29/19 14:22	01/30/19 22:52	1
Chrysene	ND		210	47	ug/Kg	☼	01/29/19 14:22	01/30/19 22:52	1
Dibenz(a,h)anthracene	ND		210	37	ug/Kg	☼	01/29/19 14:22	01/30/19 22:52	1
Fluoranthene	**83**	**J**	210	22	ug/Kg	☼	01/29/19 14:22	01/30/19 22:52	1
Fluorene	**1400**		210	25	ug/Kg	☼	01/29/19 14:22	01/30/19 22:52	1
Indeno[1,2,3-cd]pyrene	ND		210	26	ug/Kg	☼	01/29/19 14:22	01/30/19 22:52	1
Naphthalene	ND		210	27	ug/Kg	☼	01/29/19 14:22	01/30/19 22:52	1
Pyrene	**400**		210	25	ug/Kg	☼	01/29/19 14:22	01/30/19 22:52	1
Phenanthrene	**3300**		210	31	ug/Kg	☼	01/29/19 14:22	01/30/19 22:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*97*		*54 - 120*	*01/29/19 14:22*	*01/30/19 22:52*	*1*
2-Fluorobiphenyl	*97*		*60 - 120*	*01/29/19 14:22*	*01/30/19 22:52*	*1*
2-Fluorophenol (Surr)	*85*		*52 - 120*	*01/29/19 14:22*	*01/30/19 22:52*	*1*
Phenol-d5 (Surr)	*90*		*54 - 120*	*01/29/19 14:22*	*01/30/19 22:52*	*1*
p-Terphenyl-d14 (Surr)	*110*		*65 - 121*	*01/29/19 14:22*	*01/30/19 22:52*	*1*
Nitrobenzene-d5 (Surr)	*88*		*53 - 120*	*01/29/19 14:22*	*01/30/19 22:52*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.047	mg/Kg	☼	01/30/19 08:35	01/31/19 15:47	1
PCB-1221	ND		0.24	0.047	mg/Kg	☼	01/30/19 08:35	01/31/19 15:47	1
PCB-1232	ND		0.24	0.047	mg/Kg	☼	01/30/19 08:35	01/31/19 15:47	1
PCB-1242	ND		0.24	0.047	mg/Kg	☼	01/30/19 08:35	01/31/19 15:47	1
PCB-1248	ND		0.24	0.047	mg/Kg	☼	01/30/19 08:35	01/31/19 15:47	1
PCB-1254	ND		0.24	0.11	mg/Kg	☼	01/30/19 08:35	01/31/19 15:47	1
PCB-1260	ND		0.24	0.11	mg/Kg	☼	01/30/19 08:35	01/31/19 15:47	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148426-1

Client Sample ID: SB-17 (6-8)
Date Collected: 01/25/19 11:30
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-11
Matrix: Solid
Percent Solids: 79.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73		60 - 154	01/30/19 08:35	01/31/19 15:47	1
DCB Decachlorobiphenyl	89		65 - 174	01/30/19 08:35	01/31/19 15:47	1

Client Sample ID: SB-20 (3-6)

Date Collected: 01/25/19 13:00
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-12

Matrix: Solid
Percent Solids: 86.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		960	140	ug/Kg	☼	01/29/19 14:22	01/30/19 23:17	5
Acenaphthylene	ND		960	120	ug/Kg	☼	01/29/19 14:22	01/30/19 23:17	5
Anthracene	ND		960	240	ug/Kg	☼	01/29/19 14:22	01/30/19 23:17	5
Benzo[a]anthracene	**200**	**J**	960	96	ug/Kg	☼	01/29/19 14:22	01/30/19 23:17	5
Benzo[a]pyrene	**180**	**J**	960	140	ug/Kg	☼	01/29/19 14:22	01/30/19 23:17	5
Benzo[b]fluoranthene	**220**	**J**	960	150	ug/Kg	☼	01/29/19 14:22	01/30/19 23:17	5
Benzo[g,h,i]perylene	**290**	**J**	960	100	ug/Kg	☼	01/29/19 14:22	01/30/19 23:17	5
Benzo[k]fluoranthene	ND		960	120	ug/Kg	☼	01/29/19 14:22	01/30/19 23:17	5
Chrysene	**230**	**J**	960	210	ug/Kg	☼	01/29/19 14:22	01/30/19 23:17	5
Dibenz(a,h)anthracene	ND		960	170	ug/Kg	☼	01/29/19 14:22	01/30/19 23:17	5
Fluoranthene	**300**	**J**	960	100	ug/Kg	☼	01/29/19 14:22	01/30/19 23:17	5
Fluorene	ND		960	110	ug/Kg	☼	01/29/19 14:22	01/30/19 23:17	5
Indeno[1,2,3-cd]pyrene	**180**	**J**	960	120	ug/Kg	☼	01/29/19 14:22	01/30/19 23:17	5
Naphthalene	ND		960	120	ug/Kg	☼	01/29/19 14:22	01/30/19 23:17	5
Pyrene	**320**	**J**	960	110	ug/Kg	☼	01/29/19 14:22	01/30/19 23:17	5
Phenanthrene	**460**	**J**	960	140	ug/Kg	☼	01/29/19 14:22	01/30/19 23:17	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*54 - 120*	*01/29/19 14:22*	*01/30/19 23:17*	*5*
2-Fluorobiphenyl	*71*		*60 - 120*	*01/29/19 14:22*	*01/30/19 23:17*	*5*
2-Fluorophenol (Surr)	*60*		*52 - 120*	*01/29/19 14:22*	*01/30/19 23:17*	*5*
Phenol-d5 (Surr)	*59*		*54 - 120*	*01/29/19 14:22*	*01/30/19 23:17*	*5*
p-Terphenyl-d14 (Surr)	*84*		*65 - 121*	*01/29/19 14:22*	*01/30/19 23:17*	*5*
Nitrobenzene-d5 (Surr)	*71*		*53 - 120*	*01/29/19 14:22*	*01/30/19 23:17*	*5*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**20.3**		2.4	0.48	mg/Kg	☼	02/01/19 08:10	02/01/19 22:00	1
Barium	**118**		0.59	0.13	mg/Kg	☼	02/01/19 08:10	02/01/19 22:00	1
Cadmium	ND		1.2	0.18	mg/Kg	☼	02/01/19 08:10	02/06/19 10:58	5
Chromium	**16.2**		0.59	0.24	mg/Kg	☼	02/01/19 08:10	02/01/19 22:00	1
Lead	**1030**	**B**	5.9	1.4	mg/Kg	☼	02/01/19 08:10	02/06/19 10:58	5
Selenium	**2.3**	**J**	4.8	0.48	mg/Kg	☼	02/01/19 08:10	02/01/19 22:00	1
Silver	ND		3.6	1.2	mg/Kg	☼	02/01/19 08:10	02/06/19 10:58	5

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.099**		0.021	0.0086	mg/Kg	☼	01/31/19 11:25	01/31/19 13:56	1

Client Sample ID: SB-21 (2-4)
Date Collected: 01/25/19 14:00
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-13
Matrix: Solid
Percent Solids: 84.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	5200		980	140	ug/Kg	☼	01/29/19 14:22	01/30/19 23:43	5
Acenaphthylene	3000		980	130	ug/Kg	☼	01/29/19 14:22	01/30/19 23:43	5
Anthracene	14000		980	240	ug/Kg	☼	01/29/19 14:22	01/30/19 23:43	5
Benzo[a]anthracene	30000		980	98	ug/Kg	☼	01/29/19 14:22	01/30/19 23:43	5
Benzo[a]pyrene	31000		980	140	ug/Kg	☼	01/29/19 14:22	01/30/19 23:43	5
Benzo[g,h,i]perylene	21000		980	100	ug/Kg	☼	01/29/19 14:22	01/30/19 23:43	5
Benzo[k]fluoranthene	13000		980	130	ug/Kg	☼	01/29/19 14:22	01/30/19 23:43	5
Chrysene	30000		980	220	ug/Kg	☼	01/29/19 14:22	01/30/19 23:43	5
Dibenz(a,h)anthracene	6700		980	170	ug/Kg	☼	01/29/19 14:22	01/30/19 23:43	5
Fluorene	5300		980	120	ug/Kg	☼	01/29/19 14:22	01/30/19 23:43	5
Indeno[1,2,3-cd]pyrene	19000		980	120	ug/Kg	☼	01/29/19 14:22	01/30/19 23:43	5
Naphthalene	3200		980	130	ug/Kg	☼	01/29/19 14:22	01/30/19 23:43	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*54 - 120*	*01/29/19 14:22*	*01/30/19 23:43*	*5*
2-Fluorobiphenyl	*84*		*60 - 120*	*01/29/19 14:22*	*01/30/19 23:43*	*5*
2-Fluorophenol (Surr)	*75*		*52 - 120*	*01/29/19 14:22*	*01/30/19 23:43*	*5*
Phenol-d5 (Surr)	*80*		*54 - 120*	*01/29/19 14:22*	*01/30/19 23:43*	*5*
p-Terphenyl-d14 (Surr)	*95*		*65 - 121*	*01/29/19 14:22*	*01/30/19 23:43*	*5*
Nitrobenzene-d5 (Surr)	*81*		*53 - 120*	*01/29/19 14:22*	*01/30/19 23:43*	*5*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	35000		9800	1600	ug/Kg	☼	01/29/19 14:22	01/31/19 16:30	50
Fluoranthene	77000		9800	1000	ug/Kg	☼	01/29/19 14:22	01/31/19 16:30	50
Pyrene	68000		9800	1200	ug/Kg	☼	01/29/19 14:22	01/31/19 16:30	50
Phenanthrene	58000		9800	1400	ug/Kg	☼	01/29/19 14:22	01/31/19 16:30	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0*	*X*	*54 - 120*	*01/29/19 14:22*	*01/31/19 16:30*	*50*
2-Fluorobiphenyl	*97*		*60 - 120*	*01/29/19 14:22*	*01/31/19 16:30*	*50*
2-Fluorophenol (Surr)	*0*	*X*	*52 - 120*	*01/29/19 14:22*	*01/31/19 16:30*	*50*
Phenol-d5 (Surr)	*0*	*X*	*54 - 120*	*01/29/19 14:22*	*01/31/19 16:30*	*50*
p-Terphenyl-d14 (Surr)	*0*	*X*	*65 - 121*	*01/29/19 14:22*	*01/31/19 16:30*	*50*
Nitrobenzene-d5 (Surr)	*0*	*X*	*53 - 120*	*01/29/19 14:22*	*01/31/19 16:30*	*50*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16.6		2.4	0.47	mg/Kg	☼	02/01/19 08:10	02/01/19 22:04	1
Barium	197		0.59	0.13	mg/Kg	☼	02/01/19 08:10	02/01/19 22:04	1
Cadmium	0.53		0.24	0.035	mg/Kg	☼	02/01/19 08:10	02/01/19 22:04	1
Chromium	14.3		0.59	0.24	mg/Kg	☼	02/01/19 08:10	02/01/19 22:04	1
Lead	361	B	1.2	0.28	mg/Kg	☼	02/01/19 08:10	02/01/19 22:04	1
Selenium	1.6	J	4.7	0.47	mg/Kg	☼	02/01/19 08:10	02/01/19 22:04	1
Silver	ND		0.71	0.24	mg/Kg	☼	02/01/19 08:10	02/01/19 22:04	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.75		0.022	0.0088	mg/Kg	☼	01/31/19 11:25	01/31/19 13:57	1

Surrogate Summary

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148426-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		DCA	BFB	TOL
Lab Sample ID	Client Sample ID	(53-146)	(49-148)	(50-149)
480-148426-1	SB-2 (6-8)	110	104	101
480-148426-6	SB-11 (6-8)	108	101	97
480-148426-11	SB-17 (6-8)	108	101	99
480-148426-11 MS	SB-17 (6-8)	107	104	98
480-148426-11 MSD	SB-17 (6-8)	111	104	101
LCS 480-457155/1-A	Lab Control Sample	112	104	99
MB 480-457155/2-A	Method Blank	110	104	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		DCA	TOL	BFB
Lab Sample ID	Client Sample ID	(64-126)	(71-125)	(72-126)
480-148426-4	SB-8 (2-4)	105	103	100
480-148426-5	SB-10 (2.5-4.5)	99	111	92
LCS 480-457179/1-A	Lab Control Sample	101	101	104
LCS 480-457311/1-A	Lab Control Sample	105	102	104
MB 480-457179/2-A	Method Blank	102	101	100
MB 480-457311/2-A	Method Blank	104	101	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	PHL	TPHd14	NBZ
Lab Sample ID	Client Sample ID	(54-120)	(60-120)	(52-120)	(54-120)	(65-121)	(53-120)
480-148426-1	SB-2 (6-8)	84	85	74	73	99	76
480-148426-2	SB-4 (2-4)	111	91	78	84	111	87
480-148426-3	SB-7 (2.5-4.5)	98	82	79	80	105	79
480-148426-4	SB-8 (2-4)	99	80	73	74	99	76
480-148426-5	SB-10 (2.5-4.5)	100	88	83	82	105	86
480-148426-6	SB-11 (6-8)	107	89	87	86	111	84
480-148426-7	SB-13 (2-4)	114	86	81	85	99	84
480-148426-8	SB-14 (2-4)	97	78	81	80	108	77
480-148426-9	SB-15 (2-5)	83	79	77	82	106	67
480-148426-10	SB-16 (3-5)	108	93	93	90	110	85
480-148426-11	SB-17 (6-8)	97	97	85	90	110	88
480-148426-12	SB-20 (3-6)	83	71	60	59	84	71
480-148426-13	SB-21 (2-4)	83	84	75	80	95	81

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	PHL	TPHd14	NBZ
Lab Sample ID	Client Sample ID	(54-120)	(60-120)	(52-120)	(54-120)	(65-121)	(53-120)
480-148426-13 - DL	SB-21 (2-4)	0 X	97	0 X	0 X	0 X	0 X
LCS 480-457005/2-A	Lab Control Sample	104	95	87	91	112	95
MB 480-457005/1-A	Method Blank	84	88	90	85	106	86

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
NBZ = Nitrobenzene-d5 (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCBP2
Lab Sample ID	Client Sample ID	(60-154)	(65-174)
480-148426-1	SB-2 (6-8)	74	85
480-148426-1 MS	SB-2 (6-8)	94	122
480-148426-1 MSD	SB-2 (6-8)	94	125
480-148426-2	SB-4 (2-4)	90	98
480-148426-8	SB-14 (2-4)	82	76
480-148426-9	SB-15 (2-5)	80	80
480-148426-11	SB-17 (6-8)	73	89
LCS 480-457067/2-A	Lab Control Sample	102	109
MB 480-457067/1-A	Method Blank	108	111

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-457155/2-A
Matrix: Solid
Analysis Batch: 457158

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 457155

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100	28	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
1,1,2,2-Tetrachloroethane	ND		100	16	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	50	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
1,1,2-Trichloroethane	ND		100	21	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
1,1-Dichloroethane	ND		100	31	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
1,1-Dichloroethene	ND		100	35	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
1,2,4-Trichlorobenzene	ND		100	38	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
1,2,4-Trimethylbenzene	ND		100	28	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
1,2-Dibromo-3-Chloropropane	ND		100	50	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
1,2-Dichlorobenzene	ND		100	26	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
1,2-Dichloroethane	ND		100	41	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
1,2-Dichloropropane	ND		100	16	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
1,3,5-Trimethylbenzene	ND		100	30	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
1,3-Dichlorobenzene	ND		100	27	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
1,4-Dichlorobenzene	ND		100	14	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
2-Hexanone	ND		500	210	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
4-Isopropyltoluene	ND		100	34	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Acetone	ND		500	410	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Benzene	ND		100	19	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Bromoform	ND		100	50	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Bromomethane	ND		100	22	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Carbon disulfide	ND		100	46	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Carbon tetrachloride	ND		100	26	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Chlorobenzene	ND		100	13	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Dibromochloromethane	ND		100	48	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Chloroethane	ND		100	21	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Chloroform	ND		100	69	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Chloromethane	ND		100	24	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
cis-1,2-Dichloroethene	ND		100	28	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Cyclohexane	ND		100	22	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Bromodichloromethane	ND		100	20	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Dichlorodifluoromethane	ND		100	44	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Ethylbenzene	ND		100	29	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
1,2-Dibromoethane	ND		100	18	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
2-Butanone (MEK)	ND		500	300	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
4-Methyl-2-pentanone (MIBK)	ND		500	32	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Isopropylbenzene	ND		100	15	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Methyl acetate	ND		500	48	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Methyl tert-butyl ether	ND		100	38	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Methylcyclohexane	ND		100	47	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Methylene Chloride	ND		100	20	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
m,p-Xylene	ND		200	55	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
n-Butylbenzene	ND		100	29	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
N-Propylbenzene	ND		100	26	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
o-Xylene	ND		100	13	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
sec-Butylbenzene	ND		100	37	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Tetrachloroethene	ND		100	13	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Toluene	ND		100	27	ug/Kg		01/31/19 07:37	01/31/19 12:01	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-457155/2-A
Matrix: Solid
Analysis Batch: 457158

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 457155

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		100	24	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
trans-1,3-Dichloropropene	ND		100	9.8	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Trichloroethene	ND		100	28	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Trichlorofluoromethane	ND		100	47	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Vinyl chloride	ND		100	34	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Xylenes, Total	ND		200	55	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
cis-1,3-Dichloropropene	ND		100	24	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
Styrene	ND		100	24	ug/Kg		01/31/19 07:37	01/31/19 12:01	1
tert-Butylbenzene	ND		100	28	ug/Kg		01/31/19 07:37	01/31/19 12:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*53 - 146*	*01/31/19 07:37*	*01/31/19 12:01*	*1*
Toluene-d8 (Surr)	*99*		*50 - 149*	*01/31/19 07:37*	*01/31/19 12:01*	*1*
4-Bromofluorobenzene (Surr)	*104*		*49 - 148*	*01/31/19 07:37*	*01/31/19 12:01*	*1*

Lab Sample ID: LCS 480-457155/1-A
Matrix: Solid
Analysis Batch: 457158

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 457155

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	2500	2990		ug/Kg		119	68 - 130
1,1,2,2-Tetrachloroethane	2500	2150		ug/Kg		86	73 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	2500	2660		ug/Kg		106	10 - 179
1,1,2-Trichloroethane	2500	2190		ug/Kg		87	80 - 120
1,1-Dichloroethane	2500	2600		ug/Kg		104	78 - 121
1,1-Dichloroethene	2500	2440		ug/Kg		97	48 - 133
1,2,4-Trichlorobenzene	2500	2610		ug/Kg		104	70 - 140
1,2,4-Trimethylbenzene	2500	2630		ug/Kg		105	77 - 127
1,2-Dibromo-3-Chloropropane	2500	2670		ug/Kg		107	56 - 122
1,2-Dichlorobenzene	2500	2520		ug/Kg		101	78 - 125
1,2-Dichloroethane	2500	2750		ug/Kg		110	74 - 127
1,2-Dichloropropane	2500	2650		ug/Kg		106	80 - 120
1,3,5-Trimethylbenzene	2500	2590		ug/Kg		104	79 - 120
1,3-Dichlorobenzene	2500	2500		ug/Kg		100	80 - 120
1,4-Dichlorobenzene	2500	2460		ug/Kg		98	80 - 120
2-Hexanone	12500	11200		ug/Kg		90	59 - 127
4-Isopropyltoluene	2500	2780		ug/Kg		111	80 - 120
Acetone	12500	12600		ug/Kg		101	47 - 141
Benzene	2500	2500		ug/Kg		100	77 - 125
Bromoform	2500	3220	*	ug/Kg		129	48 - 125
Bromomethane	2500	2870		ug/Kg		115	39 - 149
Carbon disulfide	2500	2380		ug/Kg		95	40 - 136
Carbon tetrachloride	2500	3210		ug/Kg		128	54 - 135
Chlorobenzene	2500	2550		ug/Kg		102	76 - 126
Dibromochloromethane	2500	2910		ug/Kg		116	64 - 120
Chloroethane	2500	2940		ug/Kg		117	23 - 150
Chloroform	2500	2490		ug/Kg		100	78 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-457155/1-A
Matrix: Solid
Analysis Batch: 457158

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 457155

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	2500	3080		ug/Kg		123	61 - 124
cis-1,2-Dichloroethene	2500	2510		ug/Kg		100	79 - 124
Cyclohexane	2500	3020		ug/Kg		121	49 - 129
Bromodichloromethane	2500	2850		ug/Kg		114	71 - 121
Dichlorodifluoromethane	2500	3280		ug/Kg		131	10 - 150
Ethylbenzene	2500	2540		ug/Kg		101	78 - 124
1,2-Dibromoethane	2500	2320		ug/Kg		93	80 - 120
2-Butanone (MEK)	12500	12700		ug/Kg		102	54 - 149
4-Methyl-2-pentanone (MIBK)	12500	11900		ug/Kg		95	74 - 120
Isopropylbenzene	2500	2550		ug/Kg		102	76 - 120
Methyl acetate	5000	5120		ug/Kg		102	71 - 123
Methyl tert-butyl ether	2500	2330		ug/Kg		93	67 - 137
Methylcyclohexane	2500	2830		ug/Kg		113	50 - 130
Methylene Chloride	2500	2630		ug/Kg		105	75 - 118
m,p-Xylene	2500	2700		ug/Kg		108	77 - 125
n-Butylbenzene	2500	2790		ug/Kg		112	80 - 120
N-Propylbenzene	2500	2540		ug/Kg		102	76 - 120
o-Xylene	2500	2600		ug/Kg		104	80 - 124
sec-Butylbenzene	2500	2700		ug/Kg		108	79 - 120
Tetrachloroethene	2500	2640		ug/Kg		106	73 - 133
Toluene	2500	2420		ug/Kg		97	75 - 124
trans-1,2-Dichloroethene	2500	2480		ug/Kg		99	74 - 129
trans-1,3-Dichloropropene	2500	2600		ug/Kg		104	73 - 120
Trichloroethene	2500	2620		ug/Kg		105	75 - 131
Trichlorofluoromethane	2500	2680		ug/Kg		107	29 - 158
Vinyl chloride	2500	2930		ug/Kg		117	59 - 124
cis-1,3-Dichloropropene	2500	2700		ug/Kg		108	75 - 121
Styrene	2500	2550		ug/Kg		102	80 - 120
tert-Butylbenzene	2500	2680		ug/Kg		107	78 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*112*		*53 - 146*
Toluene-d8 (Surr)	*99*		*50 - 149*
4-Bromofluorobenzene (Surr)	*104*		*49 - 148*

Lab Sample ID: 480-148426-11 MS
Matrix: Solid
Analysis Batch: 457158

Client Sample ID: SB-17 (6-8)
Prep Type: Total/NA
Prep Batch: 457155

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		3100	4340		ug/Kg	☼	140	64 - 142
1,1,2,2-Tetrachloroethane	ND		3100	3740		ug/Kg	☼	121	56 - 128
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3100	3850		ug/Kg	☼	124	64 - 154
1,1,2-Trichloroethane	ND		3100	3540		ug/Kg	☼	114	63 - 133
1,1-Dichloroethane	ND		3100	3840		ug/Kg	☼	124	64 - 135
1,1-Dichloroethene	ND		3100	3650		ug/Kg	☼	118	62 - 145
1,2,4-Trichlorobenzene	ND		3100	4040		ug/Kg	☼	130	56 - 145

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-148426-11 MS
Matrix: Solid
Analysis Batch: 457158

Client Sample ID: SB-17 (6-8)
Prep Type: Total/NA
Prep Batch: 457155

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	ND		3100	3750		ug/Kg	☼	121	67 - 139
1,2-Dibromo-3-Chloropropane	ND	F1	3100	4020	F1	ug/Kg	☼	130	40 - 122
1,2-Dichlorobenzene	ND		3100	3890		ug/Kg	☼	125	68 - 133
1,2-Dichloroethane	ND		3100	3870		ug/Kg	☼	125	62 - 135
1,2-Dichloropropane	ND		3100	3770		ug/Kg	☼	122	67 - 139
1,3,5-Trimethylbenzene	ND		3100	3800		ug/Kg	☼	122	67 - 142
1,3-Dichlorobenzene	ND		3100	3800		ug/Kg	☼	122	68 - 136
1,4-Dichlorobenzene	ND		3100	3840		ug/Kg	☼	124	69 - 136
2-Hexanone	ND		15500	20200		ug/Kg	☼	130	44 - 130
4-Isopropyltoluene	ND		3100	4060		ug/Kg	☼	131	67 - 143
Acetone	ND	F1	15500	21200	F1	ug/Kg	☼	137	32 - 136
Benzene	ND		3100	3690		ug/Kg	☼	119	68 - 137
Bromoform	ND	* F1	3100	4050		ug/Kg	☼	131	43 - 134
Bromomethane	ND		3100	3850		ug/Kg	☼	124	38 - 137
Carbon disulfide	ND		3100	3190		ug/Kg	☼	103	52 - 139
Carbon tetrachloride	ND	F1	3100	4700	F1	ug/Kg	☼	152	60 - 150
Chlorobenzene	ND		3100	3940		ug/Kg	☼	127	67 - 136
Dibromochloromethane	ND		3100	3770		ug/Kg	☼	122	57 - 137
Chloroethane	ND		3100	3960		ug/Kg	☼	128	34 - 140
Chloroform	ND		3100	3710		ug/Kg	☼	120	64 - 133
Chloromethane	ND	F1	3100	4510	F1	ug/Kg	☼	146	47 - 143
cis-1,2-Dichloroethene	ND		3100	3290		ug/Kg	☼	106	65 - 137
Cyclohexane	ND		3100	4330		ug/Kg	☼	140	63 - 149
Bromodichloromethane	ND		3100	3930		ug/Kg	☼	127	62 - 136
Dichlorodifluoromethane	ND		3100	4590		ug/Kg	☼	148	26 - 150
Ethylbenzene	ND		3100	3730		ug/Kg	☼	120	67 - 136
1,2-Dibromoethane	ND		3100	3270		ug/Kg	☼	105	65 - 133
2-Butanone (MEK)	ND		15500	18300		ug/Kg	☼	118	46 - 132
4-Methyl-2-pentanone (MIBK)	ND		15500	18900		ug/Kg	☼	122	49 - 125
Isopropylbenzene	ND		3100	3890		ug/Kg	☼	125	65 - 147
Methyl acetate	ND	F1	6200	7580		ug/Kg	☼	122	50 - 124
Methyl tert-butyl ether	ND		3100	3640		ug/Kg	☼	118	60 - 130
Methylcyclohexane	ND		3100	4310		ug/Kg	☼	139	67 - 150
Methylene Chloride	ND		3100	3410		ug/Kg	☼	110	63 - 138
m,p-Xylene	ND		3100	3800		ug/Kg	☼	123	68 - 138
n-Butylbenzene	390	J	3100	4560		ug/Kg	☼	134	64 - 144
N-Propylbenzene	ND		3100	3920		ug/Kg	☼	126	64 - 144
o-Xylene	ND		3100	3890		ug/Kg	☼	126	67 - 135
sec-Butylbenzene	ND		3100	4160		ug/Kg	☼	134	66 - 145
Tetrachloroethene	ND		3100	3790		ug/Kg	☼	122	67 - 150
Toluene	ND		3100	3400		ug/Kg	☼	110	68 - 137
trans-1,2-Dichloroethene	ND		3100	3700		ug/Kg	☼	119	65 - 138
trans-1,3-Dichloropropene	ND		3100	3370		ug/Kg	☼	109	58 - 143
Trichloroethene	ND		3100	3780		ug/Kg	☼	122	69 - 143
Trichlorofluoromethane	ND		3100	4490		ug/Kg	☼	145	35 - 150
Vinyl chloride	ND		3100	4470		ug/Kg	☼	144	56 - 150
cis-1,3-Dichloropropene	ND		3100	3390		ug/Kg	☼	109	61 - 148
Styrene	ND		3100	3680		ug/Kg	☼	119	68 - 137

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-148426-11 MS
Matrix: Solid
Analysis Batch: 457158

Client Sample ID: SB-17 (6-8)
Prep Type: Total/NA
Prep Batch: 457155

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
tert-Butylbenzene	ND		3100	3950		ug/Kg	☼	128	67 - 146

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*53 - 146*
Toluene-d8 (Surr)	*98*		*50 - 149*
4-Bromofluorobenzene (Surr)	*104*		*49 - 148*

Lab Sample ID: 480-148426-11 MSD
Matrix: Solid
Analysis Batch: 457158

Client Sample ID: SB-17 (6-8)
Prep Type: Total/NA
Prep Batch: 457155

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		3130	4280		ug/Kg	☼	137	64 - 142	1	20
1,1,2,2-Tetrachloroethane	ND		3130	3870		ug/Kg	☼	124	56 - 128	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3130	3920		ug/Kg	☼	125	64 - 154	2	20
1,1,2-Trichloroethane	ND		3130	3300		ug/Kg	☼	105	63 - 133	7	20
1,1-Dichloroethane	ND		3130	4080		ug/Kg	☼	130	64 - 135	6	20
1,1-Dichloroethene	ND		3130	3640		ug/Kg	☼	116	62 - 145	0	20
1,2,4-Trichlorobenzene	ND		3130	4430		ug/Kg	☼	141	56 - 145	9	20
1,2,4-Trimethylbenzene	ND		3130	3800		ug/Kg	☼	121	67 - 139	1	20
1,2-Dibromo-3-Chloropropane	ND	F1	3130	4350	F1	ug/Kg	☼	139	40 - 122	8	20
1,2-Dichlorobenzene	ND		3130	3690		ug/Kg	☼	118	68 - 133	5	20
1,2-Dichloroethane	ND		3130	4170		ug/Kg	☼	133	62 - 135	7	20
1,2-Dichloropropane	ND		3130	4020		ug/Kg	☼	128	67 - 139	6	20
1,3,5-Trimethylbenzene	ND		3130	4070		ug/Kg	☼	130	67 - 142	7	20
1,3-Dichlorobenzene	ND		3130	3840		ug/Kg	☼	123	68 - 136	1	20
1,4-Dichlorobenzene	ND		3130	3850		ug/Kg	☼	123	69 - 136	0	20
2-Hexanone	ND		15700	19400		ug/Kg	☼	124	44 - 130	4	20
4-Isopropyltoluene	ND		3130	4140		ug/Kg	☼	132	67 - 143	2	20
Acetone	ND	F1	15700	20700		ug/Kg	☼	132	32 - 136	3	20
Benzene	ND		3130	3920		ug/Kg	☼	125	68 - 137	6	20
Bromoform	ND	* F1	3130	4630	F1	ug/Kg	☼	148	43 - 134	13	20
Bromomethane	ND		3130	3960		ug/Kg	☼	126	38 - 137	3	20
Carbon disulfide	ND		3130	3370		ug/Kg	☼	108	52 - 139	6	20
Carbon tetrachloride	ND	F1	3130	4750	F1	ug/Kg	☼	152	60 - 150	1	20
Chlorobenzene	ND		3130	3990		ug/Kg	☼	127	67 - 136	1	20
Dibromochloromethane	ND		3130	3950		ug/Kg	☼	126	57 - 137	5	20
Chloroethane	ND		3130	4120		ug/Kg	☼	132	34 - 140	4	20
Chloroform	ND		3130	3660		ug/Kg	☼	117	64 - 133	1	20
Chloromethane	ND	F1	3130	4580	F1	ug/Kg	☼	146	47 - 143	1	20
cis-1,2-Dichloroethene	ND		3130	3670		ug/Kg	☼	117	65 - 137	11	20
Cyclohexane	ND		3130	4410		ug/Kg	☼	141	63 - 149	2	20
Bromodichloromethane	ND		3130	4080		ug/Kg	☼	130	62 - 136	4	20
Dichlorodifluoromethane	ND		3130	4360		ug/Kg	☼	139	26 - 150	5	20
Ethylbenzene	ND		3130	3800		ug/Kg	☼	122	67 - 136	2	20
1,2-Dibromoethane	ND		3130	3490		ug/Kg	☼	112	65 - 133	7	20
2-Butanone (MEK)	ND		15700	19700		ug/Kg	☼	126	46 - 132	7	20

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-148426-11 MSD
Matrix: Solid
Analysis Batch: 457158

Client Sample ID: SB-17 (6-8)
Prep Type: Total/NA
Prep Batch: 457155

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)	ND		15700	19300		ug/Kg	☼	123	49 - 125	2	20
Isopropylbenzene	ND		3130	3880		ug/Kg	☼	124	65 - 147	0	20
Methyl acetate	ND	F1	6260	8170	F1	ug/Kg	☼	130	50 - 124	7	20
Methyl tert-butyl ether	ND		3130	3930		ug/Kg	☼	126	60 - 130	8	20
Methylcyclohexane	ND		3130	4400		ug/Kg	☼	140	67 - 150	2	20
Methylene Chloride	ND		3130	3710		ug/Kg	☼	118	63 - 138	8	20
m,p-Xylene	ND		3130	4000		ug/Kg	☼	128	68 - 138	5	20
n-Butylbenzene	390	J	3130	4500		ug/Kg	☼	131	64 - 144	1	20
N-Propylbenzene	ND		3130	3920		ug/Kg	☼	125	64 - 144	0	20
o-Xylene	ND		3130	3810		ug/Kg	☼	122	67 - 135	2	20
sec-Butylbenzene	ND		3130	4110		ug/Kg	☼	131	66 - 145	1	20
Tetrachloroethene	ND		3130	4070		ug/Kg	☼	130	67 - 150	7	20
Toluene	ND		3130	3400		ug/Kg	☼	109	68 - 137	0	20
trans-1,2-Dichloroethene	ND		3130	3880		ug/Kg	☼	124	65 - 138	5	20
trans-1,3-Dichloropropene	ND		3130	3340		ug/Kg	☼	107	58 - 143	1	20
Trichloroethene	ND		3130	4060		ug/Kg	☼	130	69 - 143	7	20
Trichlorofluoromethane	ND		3130	4230		ug/Kg	☼	135	35 - 150	6	20
Vinyl chloride	ND		3130	4350		ug/Kg	☼	139	56 - 150	3	20
cis-1,3-Dichloropropene	ND		3130	3480		ug/Kg	☼	111	61 - 148	2	20
Styrene	ND		3130	3690		ug/Kg	☼	118	68 - 137	0	20
tert-Butylbenzene	ND		3130	4110		ug/Kg	☼	131	67 - 146	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*53 - 146*
Toluene-d8 (Surr)	*101*		*50 - 149*
4-Bromofluorobenzene (Surr)	*104*		*49 - 148*

Lab Sample ID: MB 480-457179/2-A
Matrix: Solid
Analysis Batch: 457181

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 457179

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
1,2,4-Trimethylbenzene	ND		5.0	0.96	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
1,3,5-Trimethylbenzene	ND		5.0	0.32	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
2-Hexanone	ND		25	2.5	ug/Kg		01/31/19 08:43	01/31/19 12:01	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-457179/2-A
Matrix: Solid
Analysis Batch: 457181

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 457179

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Isopropyltoluene	ND		5.0	0.40	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Acetone	ND		25	4.2	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Benzene	ND		5.0	0.25	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Bromoform	ND		5.0	2.5	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Bromomethane	ND		5.0	0.45	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Chloroethane	ND		5.0	1.1	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Chloroform	ND		5.0	0.31	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Chloromethane	ND		5.0	0.30	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Cyclohexane	ND		5.0	0.70	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Methyl acetate	ND		25	3.0	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
m,p-Xylene	ND		10	0.84	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
n-Butylbenzene	ND		5.0	0.44	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
N-Propylbenzene	ND		5.0	0.40	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
o-Xylene	ND		5.0	0.65	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
sec-Butylbenzene	ND		5.0	0.44	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Toluene	ND		5.0	0.38	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Trichloroethene	ND		5.0	1.1	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Xylenes, Total	ND		10	0.84	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
Styrene	ND		5.0	0.25	ug/Kg		01/31/19 08:43	01/31/19 12:01	1
tert-Butylbenzene	ND		5.0	0.52	ug/Kg		01/31/19 08:43	01/31/19 12:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 126*	*01/31/19 08:43*	*01/31/19 12:01*	*1*
Toluene-d8 (Surr)	*101*		*71 - 125*	*01/31/19 08:43*	*01/31/19 12:01*	*1*
4-Bromofluorobenzene (Surr)	*100*		*72 - 126*	*01/31/19 08:43*	*01/31/19 12:01*	*1*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-457179/1-A
Matrix: Solid
Analysis Batch: 457181

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 457179

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	50.0	50.2		ug/Kg		100	77 - 121
1,1,2,2-Tetrachloroethane	50.0	45.9		ug/Kg		92	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	49.7		ug/Kg		99	60 - 140
1,1,2-Trichloroethane	50.0	47.9		ug/Kg		96	78 - 122
1,1-Dichloroethane	50.0	49.5		ug/Kg		99	73 - 126
1,1-Dichloroethene	50.0	47.9		ug/Kg		96	59 - 125
1,2,4-Trichlorobenzene	50.0	44.8		ug/Kg		90	64 - 120
1,2,4-Trimethylbenzene	50.0	46.5		ug/Kg		93	74 - 120
1,2-Dibromo-3-Chloropropane	50.0	44.5		ug/Kg		89	63 - 124
1,2-Dichlorobenzene	50.0	46.1		ug/Kg		92	75 - 120
1,2-Dichloroethane	50.0	50.2		ug/Kg		100	77 - 122
1,2-Dichloropropane	50.0	48.3		ug/Kg		97	75 - 124
1,3,5-Trimethylbenzene	50.0	46.5		ug/Kg		93	74 - 120
1,3-Dichlorobenzene	50.0	47.2		ug/Kg		94	74 - 120
1,4-Dichlorobenzene	50.0	46.3		ug/Kg		93	73 - 120
2-Hexanone	250	256		ug/Kg		102	59 - 130
4-Isopropyltoluene	50.0	46.5		ug/Kg		93	74 - 120
Acetone	250	257		ug/Kg		103	61 - 137
Benzene	50.0	50.0		ug/Kg		100	79 - 127
Bromoform	50.0	50.8		ug/Kg		102	68 - 126
Bromomethane	50.0	56.5		ug/Kg		113	37 - 149
Carbon disulfide	50.0	46.1		ug/Kg		92	64 - 131
Carbon tetrachloride	50.0	52.2		ug/Kg		104	75 - 135
Chlorobenzene	50.0	48.7		ug/Kg		97	76 - 124
Dibromochloromethane	50.0	50.1		ug/Kg		100	76 - 125
Chloroethane	50.0	49.2		ug/Kg		98	69 - 135
Chloroform	50.0	49.9		ug/Kg		100	80 - 120
Chloromethane	50.0	53.2		ug/Kg		106	63 - 127
cis-1,2-Dichloroethene	50.0	49.7		ug/Kg		99	81 - 120
Cyclohexane	50.0	46.8		ug/Kg		94	65 - 120
Bromodichloromethane	50.0	50.0		ug/Kg		100	80 - 122
Dichlorodifluoromethane	50.0	56.3		ug/Kg		113	57 - 142
Ethylbenzene	50.0	48.5		ug/Kg		97	80 - 120
1,2-Dibromoethane	50.0	48.4		ug/Kg		97	78 - 120
2-Butanone (MEK)	250	271		ug/Kg		108	70 - 134
4-Methyl-2-pentanone (MIBK)	250	252		ug/Kg		101	65 - 133
Isopropylbenzene	50.0	46.2		ug/Kg		92	72 - 120
Methyl acetate	100	102		ug/Kg		102	55 - 136
Methyl tert-butyl ether	50.0	50.6		ug/Kg		101	63 - 125
Methylcyclohexane	50.0	48.6		ug/Kg		97	60 - 140
Methylene Chloride	50.0	43.4		ug/Kg		87	61 - 127
m,p-Xylene	50.0	48.5		ug/Kg		97	70 - 130
n-Butylbenzene	50.0	46.0		ug/Kg		92	70 - 120
N-Propylbenzene	50.0	46.5		ug/Kg		93	70 - 130
o-Xylene	50.0	48.1		ug/Kg		96	70 - 130
sec-Butylbenzene	50.0	46.6		ug/Kg		93	74 - 120
Tetrachloroethene	50.0	48.9		ug/Kg		98	74 - 122

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-457179/1-A
Matrix: Solid
Analysis Batch: 457181

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 457179

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	50.0	47.6		ug/Kg		95	74 - 128
trans-1,2-Dichloroethene	50.0	49.6		ug/Kg		99	78 - 126
trans-1,3-Dichloropropene	50.0	48.2		ug/Kg		96	73 - 123
Trichloroethene	50.0	48.8		ug/Kg		98	77 - 129
Trichlorofluoromethane	50.0	53.2		ug/Kg		106	65 - 146
Vinyl chloride	50.0	54.5		ug/Kg		109	61 - 133
cis-1,3-Dichloropropene	50.0	49.3		ug/Kg		99	80 - 120
Styrene	50.0	46.7		ug/Kg		93	80 - 120
tert-Butylbenzene	50.0	46.0		ug/Kg		92	73 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*
Toluene-d8 (Surr)	*101*		*71 - 125*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*

Lab Sample ID: MB 480-457311/2-A
Matrix: Solid
Analysis Batch: 457304

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 457311

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
1,2,4-Trimethylbenzene	ND		5.0	0.96	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
1,3,5-Trimethylbenzene	ND		5.0	0.32	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
2-Hexanone	ND		25	2.5	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
4-Isopropyltoluene	ND		5.0	0.40	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Acetone	ND		25	4.2	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Benzene	ND		5.0	0.25	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Bromoform	ND		5.0	2.5	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Bromomethane	ND		5.0	0.45	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Chloroethane	ND		5.0	1.1	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Chloroform	ND		5.0	0.31	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Chloromethane	ND		5.0	0.30	ug/Kg		01/31/19 19:45	01/31/19 23:41	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-457311/2-A
Matrix: Solid
Analysis Batch: 457304

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 457311

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Cyclohexane	ND		5.0	0.70	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Methyl acetate	ND		25	3.0	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Methylene Chloride	2.46	J	5.0	2.3	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
m,p-Xylene	ND		10	0.84	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
n-Butylbenzene	ND		5.0	0.44	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
N-Propylbenzene	ND		5.0	0.40	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
o-Xylene	ND		5.0	0.65	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
sec-Butylbenzene	ND		5.0	0.44	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Toluene	ND		5.0	0.38	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Trichloroethene	ND		5.0	1.1	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Xylenes, Total	ND		10	0.84	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
Styrene	ND		5.0	0.25	ug/Kg		01/31/19 19:45	01/31/19 23:41	1
tert-Butylbenzene	ND		5.0	0.52	ug/Kg		01/31/19 19:45	01/31/19 23:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*	*01/31/19 19:45*	*01/31/19 23:41*	*1*
Toluene-d8 (Surr)	*101*		*71 - 125*	*01/31/19 19:45*	*01/31/19 23:41*	*1*
4-Bromofluorobenzene (Surr)	*100*		*72 - 126*	*01/31/19 19:45*	*01/31/19 23:41*	*1*

Lab Sample ID: LCS 480-457311/1-A
Matrix: Solid
Analysis Batch: 457304

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 457311

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	50.0	48.7		ug/Kg		97	77 - 121
1,1,2,2-Tetrachloroethane	50.0	42.5		ug/Kg		85	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	48.1		ug/Kg		96	60 - 140
1,1,2-Trichloroethane	50.0	45.0		ug/Kg		90	78 - 122
1,1-Dichloroethane	50.0	47.7		ug/Kg		95	73 - 126
1,1-Dichloroethene	50.0	47.6		ug/Kg		95	59 - 125
1,2,4-Trichlorobenzene	50.0	44.0		ug/Kg		88	64 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-457311/1-A
Matrix: Solid
Analysis Batch: 457304

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 457311

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	50.0	43.8		ug/Kg		88	74 - 120
1,2-Dibromo-3-Chloropropane	50.0	40.0		ug/Kg		80	63 - 124
1,2-Dichlorobenzene	50.0	43.1		ug/Kg		86	75 - 120
1,2-Dichloroethane	50.0	47.5		ug/Kg		95	77 - 122
1,2-Dichloropropane	50.0	46.2		ug/Kg		92	75 - 124
1,3,5-Trimethylbenzene	50.0	44.3		ug/Kg		89	74 - 120
1,3-Dichlorobenzene	50.0	44.0		ug/Kg		88	74 - 120
1,4-Dichlorobenzene	50.0	43.8		ug/Kg		88	73 - 120
2-Hexanone	250	230		ug/Kg		92	59 - 130
4-Isopropyltoluene	50.0	44.5		ug/Kg		89	74 - 120
Acetone	250	234		ug/Kg		94	61 - 137
Benzene	50.0	48.3		ug/Kg		97	79 - 127
Bromoform	50.0	46.3		ug/Kg		93	68 - 126
Bromomethane	50.0	48.1		ug/Kg		96	37 - 149
Carbon disulfide	50.0	46.8		ug/Kg		94	64 - 131
Carbon tetrachloride	50.0	50.8		ug/Kg		102	75 - 135
Chlorobenzene	50.0	45.8		ug/Kg		92	76 - 124
Dibromochloromethane	50.0	46.3		ug/Kg		93	76 - 125
Chloroethane	50.0	38.9		ug/Kg		78	69 - 135
Chloroform	50.0	48.9		ug/Kg		98	80 - 120
Chloromethane	50.0	54.7		ug/Kg		109	63 - 127
cis-1,2-Dichloroethene	50.0	47.9		ug/Kg		96	81 - 120
Cyclohexane	50.0	44.1		ug/Kg		88	65 - 120
Bromodichloromethane	50.0	47.2		ug/Kg		94	80 - 122
Dichlorodifluoromethane	50.0	58.2		ug/Kg		116	57 - 142
Ethylbenzene	50.0	45.7		ug/Kg		91	80 - 120
1,2-Dibromoethane	50.0	45.0		ug/Kg		90	78 - 120
2-Butanone (MEK)	250	246		ug/Kg		98	70 - 134
4-Methyl-2-pentanone (MIBK)	250	228		ug/Kg		91	65 - 133
Isopropylbenzene	50.0	43.7		ug/Kg		87	72 - 120
Methyl acetate	100	91.9		ug/Kg		92	55 - 136
Methyl tert-butyl ether	50.0	48.1		ug/Kg		96	63 - 125
Methylcyclohexane	50.0	46.1		ug/Kg		92	60 - 140
Methylene Chloride	50.0	43.9		ug/Kg		88	61 - 127
m,p-Xylene	50.0	45.7		ug/Kg		91	70 - 130
n-Butylbenzene	50.0	43.5		ug/Kg		87	70 - 120
N-Propylbenzene	50.0	43.8		ug/Kg		88	70 - 130
o-Xylene	50.0	45.5		ug/Kg		91	70 - 130
sec-Butylbenzene	50.0	44.3		ug/Kg		89	74 - 120
Tetrachloroethene	50.0	46.7		ug/Kg		93	74 - 122
Toluene	50.0	45.8		ug/Kg		92	74 - 128
trans-1,2-Dichloroethene	50.0	49.1		ug/Kg		98	78 - 126
trans-1,3-Dichloropropene	50.0	44.9		ug/Kg		90	73 - 123
Trichloroethene	50.0	48.0		ug/Kg		96	77 - 129
Trichlorofluoromethane	50.0	48.5		ug/Kg		97	65 - 146
Vinyl chloride	50.0	54.8		ug/Kg		110	61 - 133
cis-1,3-Dichloropropene	50.0	46.2		ug/Kg		92	80 - 120
Styrene	50.0	43.5		ug/Kg		87	80 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-457311/1-A
Matrix: Solid
Analysis Batch: 457304

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 457311

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
tert-Butylbenzene			50.0	43.9		ug/Kg		88	73 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*
Toluene-d8 (Surr)	*102*		*71 - 125*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-457005/1-A
Matrix: Solid
Analysis Batch: 457115

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 457005

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		170	24	ug/Kg		01/29/19 14:22	01/30/19 14:47	1
Acenaphthylene	ND		170	21	ug/Kg		01/29/19 14:22	01/30/19 14:47	1
Anthracene	ND		170	41	ug/Kg		01/29/19 14:22	01/30/19 14:47	1
Benzo[a]anthracene	ND		170	17	ug/Kg		01/29/19 14:22	01/30/19 14:47	1
Benzo[a]pyrene	ND		170	24	ug/Kg		01/29/19 14:22	01/30/19 14:47	1
Benzo[b]fluoranthene	ND		170	26	ug/Kg		01/29/19 14:22	01/30/19 14:47	1
Benzo[g,h,i]perylene	ND		170	18	ug/Kg		01/29/19 14:22	01/30/19 14:47	1
Benzo[k]fluoranthene	ND		170	21	ug/Kg		01/29/19 14:22	01/30/19 14:47	1
Chrysene	ND		170	37	ug/Kg		01/29/19 14:22	01/30/19 14:47	1
Dibenz(a,h)anthracene	ND		170	29	ug/Kg		01/29/19 14:22	01/30/19 14:47	1
Fluoranthene	ND		170	18	ug/Kg		01/29/19 14:22	01/30/19 14:47	1
Fluorene	ND		170	19	ug/Kg		01/29/19 14:22	01/30/19 14:47	1
Indeno[1,2,3-cd]pyrene	ND		170	20	ug/Kg		01/29/19 14:22	01/30/19 14:47	1
Naphthalene	ND		170	21	ug/Kg		01/29/19 14:22	01/30/19 14:47	1
Pyrene	ND		170	19	ug/Kg		01/29/19 14:22	01/30/19 14:47	1
Phenanthrene	ND		170	24	ug/Kg		01/29/19 14:22	01/30/19 14:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*54 - 120*	*01/29/19 14:22*	*01/30/19 14:47*	*1*
2-Fluorobiphenyl	*88*		*60 - 120*	*01/29/19 14:22*	*01/30/19 14:47*	*1*
2-Fluorophenol (Surr)	*90*		*52 - 120*	*01/29/19 14:22*	*01/30/19 14:47*	*1*
Phenol-d5 (Surr)	*85*		*54 - 120*	*01/29/19 14:22*	*01/30/19 14:47*	*1*
p-Terphenyl-d14 (Surr)	*106*		*65 - 121*	*01/29/19 14:22*	*01/30/19 14:47*	*1*
Nitrobenzene-d5 (Surr)	*86*		*53 - 120*	*01/29/19 14:22*	*01/30/19 14:47*	*1*

Lab Sample ID: LCS 480-457005/2-A
Matrix: Solid
Analysis Batch: 457115

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 457005

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Acenaphthene			1660	1560		ug/Kg		94	62 - 120		
Acenaphthylene			1660	1570		ug/Kg		95	58 - 121		
Anthracene			1660	1820		ug/Kg		109	62 - 120		

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-457005/2-A
Matrix: Solid
Analysis Batch: 457115

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 457005

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo[a]anthracene	1660	1640		ug/Kg		99	65 - 120
Benzo[a]pyrene	1660	1850		ug/Kg		111	64 - 120
Benzo[b]fluoranthene	1660	1710		ug/Kg		103	64 - 120
Benzo[g,h,i]perylene	1660	1840		ug/Kg		111	45 - 145
Benzo[k]fluoranthene	1660	1940		ug/Kg		117	65 - 120
Chrysene	1660	1780		ug/Kg		107	64 - 120
Dibenz(a,h)anthracene	1660	1780		ug/Kg		107	54 - 132
Fluoranthene	1660	1800		ug/Kg		108	62 - 120
Fluorene	1660	1620		ug/Kg		97	63 - 120
Indeno[1,2,3-cd]pyrene	1660	1810		ug/Kg		109	56 - 134
Naphthalene	1660	1500		ug/Kg		90	55 - 120
Pyrene	1660	1780		ug/Kg		107	61 - 133
Phenanthrene	1660	1830		ug/Kg		110	60 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*104*		*54 - 120*
2-Fluorobiphenyl	*95*		*60 - 120*
2-Fluorophenol (Surr)	*87*		*52 - 120*
Phenol-d5 (Surr)	*91*		*54 - 120*
p-Terphenyl-d14 (Surr)	*112*		*65 - 121*
Nitrobenzene-d5 (Surr)	*95*		*53 - 120*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-457067/1-A
Matrix: Solid
Analysis Batch: 457195

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 457067

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.20	0.039	mg/Kg		01/30/19 08:35	01/31/19 12:35	1
PCB-1221	ND		0.20	0.039	mg/Kg		01/30/19 08:35	01/31/19 12:35	1
PCB-1232	ND		0.20	0.039	mg/Kg		01/30/19 08:35	01/31/19 12:35	1
PCB-1242	ND		0.20	0.039	mg/Kg		01/30/19 08:35	01/31/19 12:35	1
PCB-1248	ND		0.20	0.039	mg/Kg		01/30/19 08:35	01/31/19 12:35	1
PCB-1254	ND		0.20	0.093	mg/Kg		01/30/19 08:35	01/31/19 12:35	1
PCB-1260	ND		0.20	0.093	mg/Kg		01/30/19 08:35	01/31/19 12:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*108*		*60 - 154*	*01/30/19 08:35*	*01/31/19 12:35*	*1*
DCB Decachlorobiphenyl	*111*		*65 - 174*	*01/30/19 08:35*	*01/31/19 12:35*	*1*

Lab Sample ID: LCS 480-457067/2-A
Matrix: Solid
Analysis Batch: 457195

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 457067

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	2.17	2.12		mg/Kg		97	51 - 185

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 480-457067/2-A
Matrix: Solid
Analysis Batch: 457195

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 457067

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1260			2.17	2.28		mg/Kg		105	61 - 184		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*102*		*60 - 154*
DCB Decachlorobiphenyl	*109*		*65 - 174*

Lab Sample ID: 480-148426-1 MS
Matrix: Solid
Analysis Batch: 457195

Client Sample ID: SB-2 (6-8)
Prep Type: Total/NA
Prep Batch: 457067

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
PCB-1016	ND		2.20	2.10		mg/Kg	☼	95	50 - 177		
PCB-1260	ND		2.20	2.89		mg/Kg	☼	131	33 - 200		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*94*		*60 - 154*
DCB Decachlorobiphenyl	*122*		*65 - 174*

Lab Sample ID: 480-148426-1 MSD
Matrix: Solid
Analysis Batch: 457195

Client Sample ID: SB-2 (6-8)
Prep Type: Total/NA
Prep Batch: 457067

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		2.15	2.12		mg/Kg	☼	99	50 - 177	1	50
PCB-1260	ND		2.15	2.92		mg/Kg	☼	136	33 - 200	1	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*94*		*60 - 154*
DCB Decachlorobiphenyl	*125*		*65 - 174*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-457210/1-A
Matrix: Solid
Analysis Batch: 457502

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 457210

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.0	0.40	mg/Kg		02/01/19 08:10	02/01/19 20:45	1
Barium	ND		0.50	0.11	mg/Kg		02/01/19 08:10	02/01/19 20:45	1
Cadmium	ND		0.20	0.030	mg/Kg		02/01/19 08:10	02/01/19 20:45	1
Chromium	ND		0.50	0.20	mg/Kg		02/01/19 08:10	02/01/19 20:45	1
Lead	0.330	J	1.0	0.24	mg/Kg		02/01/19 08:10	02/01/19 20:45	1
Selenium	ND		4.0	0.40	mg/Kg		02/01/19 08:10	02/01/19 20:45	1
Silver	ND		0.60	0.20	mg/Kg		02/01/19 08:10	02/01/19 20:45	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-457210/2-A
Matrix: Solid
Analysis Batch: 457502

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 457210

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	171	145.7		mg/Kg		85.2	66.1 - 122.2
Barium	272	236.5		mg/Kg		86.9	71.7 - 119.5
Cadmium	225	189.2		mg/Kg		84.1	70.2 - 117.3
Chromium	144	120.1		mg/Kg		83.4	66.1 - 122.9
Lead	111	116.4		mg/Kg		104.8	71.0 - 128.8
Selenium	206	176.1		mg/Kg		85.5	63.6 - 122.3
Silver	45.5	37.56		mg/Kg		82.5	66.2 - 124.2

Lab Sample ID: 480-148426-5 MS
Matrix: Solid
Analysis Batch: 457502

Client Sample ID: SB-10 (2.5-4.5)
Prep Type: Total/NA
Prep Batch: 457210

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	9.3		53.3	57.80		mg/Kg	☼	91	75 - 125
Barium	169		53.3	211.8		mg/Kg	☼	81	75 - 125
Cadmium	0.65		53.3	48.64		mg/Kg	☼	90	75 - 125
Chromium	20.3		53.3	70.61		mg/Kg	☼	94	75 - 125
Lead	518	F2 B	53.3	516.1	4	mg/Kg	☼	-3	75 - 125
Selenium	1.2	J	53.3	47.38		mg/Kg	☼	87	75 - 125
Silver	ND		13.3	11.51		mg/Kg	☼	86	75 - 125

Lab Sample ID: 480-148426-5 MSD
Matrix: Solid
Analysis Batch: 457502

Client Sample ID: SB-10 (2.5-4.5)
Prep Type: Total/NA
Prep Batch: 457210

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	9.3		51.0	56.07		mg/Kg	☼	92	75 - 125	3	20
Barium	169		51.0	212.3		mg/Kg	☼	86	75 - 125	0	20
Cadmium	0.65		51.0	46.64		mg/Kg	☼	90	75 - 125	4	20
Chromium	20.3		51.0	63.61		mg/Kg	☼	85	75 - 125	10	20
Lead	518	F2 B	51.0	408.0	4 F2	mg/Kg	☼	-215	75 - 125	23	20
Selenium	1.2	J	51.0	47.22		mg/Kg	☼	90	75 - 125	0	20
Silver	ND		12.7	10.87		mg/Kg	☼	85	75 - 125	6	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-457225/1-A
Matrix: Solid
Analysis Batch: 457271

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 457225

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.019	0.0079	mg/Kg		01/31/19 11:25	01/31/19 13:29	1

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: LCSSRM 480-457225/2-A ^10
Matrix: Solid
Analysis Batch: 457271

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 457225

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			12.0	12.49		mg/Kg		104.1	57.3 - 133.3		

Lab Sample ID: 480-148426-3 MS
Matrix: Solid
Analysis Batch: 457271

Client Sample ID: SB-7 (2.5-4.5)
Prep Type: Total/NA
Prep Batch: 457225

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	0.27		0.412	0.664		mg/Kg	☼	95	80 - 120		

Lab Sample ID: 480-148426-3 MSD
Matrix: Solid
Analysis Batch: 457271

Client Sample ID: SB-7 (2.5-4.5)
Prep Type: Total/NA
Prep Batch: 457225

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.27		0.403	0.716		mg/Kg	☼	110	80 - 120	8	20

GC/MS VOA

Prep Batch: 457155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-148426-1	SB-2 (6-8)	Total/NA	Solid	5035A_H	
480-148426-6	SB-11 (6-8)	Total/NA	Solid	5035A_H	
480-148426-11	SB-17 (6-8)	Total/NA	Solid	5035A_H	
MB 480-457155/2-A	Method Blank	Total/NA	Solid	5035A_H	
LCS 480-457155/1-A	Lab Control Sample	Total/NA	Solid	5035A_H	
480-148426-11 MS	SB-17 (6-8)	Total/NA	Solid	5035A_H	
480-148426-11 MSD	SB-17 (6-8)	Total/NA	Solid	5035A_H	

Analysis Batch: 457158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-148426-1	SB-2 (6-8)	Total/NA	Solid	8260C	457155
480-148426-6	SB-11 (6-8)	Total/NA	Solid	8260C	457155
480-148426-11	SB-17 (6-8)	Total/NA	Solid	8260C	457155
MB 480-457155/2-A	Method Blank	Total/NA	Solid	8260C	457155
LCS 480-457155/1-A	Lab Control Sample	Total/NA	Solid	8260C	457155
480-148426-11 MS	SB-17 (6-8)	Total/NA	Solid	8260C	457155
480-148426-11 MSD	SB-17 (6-8)	Total/NA	Solid	8260C	457155

Prep Batch: 457179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-148426-5	SB-10 (2.5-4.5)	Total/NA	Solid	5035A_L	
MB 480-457179/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-457179/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 457181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-148426-5	SB-10 (2.5-4.5)	Total/NA	Solid	8260C	457179
MB 480-457179/2-A	Method Blank	Total/NA	Solid	8260C	457179
LCS 480-457179/1-A	Lab Control Sample	Total/NA	Solid	8260C	457179

Analysis Batch: 457304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-148426-4	SB-8 (2-4)	Total/NA	Solid	8260C	457311
MB 480-457311/2-A	Method Blank	Total/NA	Solid	8260C	457311
LCS 480-457311/1-A	Lab Control Sample	Total/NA	Solid	8260C	457311

Prep Batch: 457311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-148426-4	SB-8 (2-4)	Total/NA	Solid	5035A_L	
MB 480-457311/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-457311/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

GC/MS Semi VOA

Prep Batch: 457005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-148426-1	SB-2 (6-8)	Total/NA	Solid	3550C	
480-148426-2	SB-4 (2-4)	Total/NA	Solid	3550C	
480-148426-3	SB-7 (2.5-4.5)	Total/NA	Solid	3550C	
480-148426-4	SB-8 (2-4)	Total/NA	Solid	3550C	

GC/MS Semi VOA (Continued)

Prep Batch: 457005 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-148426-5	SB-10 (2.5-4.5)	Total/NA	Solid	3550C	
480-148426-6	SB-11 (6-8)	Total/NA	Solid	3550C	
480-148426-7	SB-13 (2-4)	Total/NA	Solid	3550C	
480-148426-8	SB-14 (2-4)	Total/NA	Solid	3550C	
480-148426-9	SB-15 (2-5)	Total/NA	Solid	3550C	
480-148426-10	SB-16 (3-5)	Total/NA	Solid	3550C	
480-148426-11	SB-17 (6-8)	Total/NA	Solid	3550C	
480-148426-12	SB-20 (3-6)	Total/NA	Solid	3550C	
480-148426-13 - DL	SB-21 (2-4)	Total/NA	Solid	3550C	
480-148426-13	SB-21 (2-4)	Total/NA	Solid	3550C	
MB 480-457005/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-457005/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 457115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-148426-1	SB-2 (6-8)	Total/NA	Solid	8270D	457005
480-148426-2	SB-4 (2-4)	Total/NA	Solid	8270D	457005
480-148426-3	SB-7 (2.5-4.5)	Total/NA	Solid	8270D	457005
480-148426-4	SB-8 (2-4)	Total/NA	Solid	8270D	457005
480-148426-5	SB-10 (2.5-4.5)	Total/NA	Solid	8270D	457005
480-148426-6	SB-11 (6-8)	Total/NA	Solid	8270D	457005
480-148426-7	SB-13 (2-4)	Total/NA	Solid	8270D	457005
480-148426-8	SB-14 (2-4)	Total/NA	Solid	8270D	457005
480-148426-9	SB-15 (2-5)	Total/NA	Solid	8270D	457005
480-148426-10	SB-16 (3-5)	Total/NA	Solid	8270D	457005
480-148426-11	SB-17 (6-8)	Total/NA	Solid	8270D	457005
480-148426-12	SB-20 (3-6)	Total/NA	Solid	8270D	457005
480-148426-13	SB-21 (2-4)	Total/NA	Solid	8270D	457005
MB 480-457005/1-A	Method Blank	Total/NA	Solid	8270D	457005
LCS 480-457005/2-A	Lab Control Sample	Total/NA	Solid	8270D	457005

Analysis Batch: 457255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-148426-13 - DL	SB-21 (2-4)	Total/NA	Solid	8270D	457005

GC Semi VOA

Prep Batch: 457067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-148426-1	SB-2 (6-8)	Total/NA	Solid	3550C	
480-148426-2	SB-4 (2-4)	Total/NA	Solid	3550C	
480-148426-8	SB-14 (2-4)	Total/NA	Solid	3550C	
480-148426-9	SB-15 (2-5)	Total/NA	Solid	3550C	
480-148426-11	SB-17 (6-8)	Total/NA	Solid	3550C	
MB 480-457067/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-457067/2-A	Lab Control Sample	Total/NA	Solid	3550C	
480-148426-1 MS	SB-2 (6-8)	Total/NA	Solid	3550C	
480-148426-1 MSD	SB-2 (6-8)	Total/NA	Solid	3550C	

GC Semi VOA (Continued)

Analysis Batch: 457195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-148426-1	SB-2 (6-8)	Total/NA	Solid	8082A	457067
480-148426-2	SB-4 (2-4)	Total/NA	Solid	8082A	457067
480-148426-8	SB-14 (2-4)	Total/NA	Solid	8082A	457067
480-148426-9	SB-15 (2-5)	Total/NA	Solid	8082A	457067
480-148426-11	SB-17 (6-8)	Total/NA	Solid	8082A	457067
MB 480-457067/1-A	Method Blank	Total/NA	Solid	8082A	457067
LCS 480-457067/2-A	Lab Control Sample	Total/NA	Solid	8082A	457067
480-148426-1 MS	SB-2 (6-8)	Total/NA	Solid	8082A	457067
480-148426-1 MSD	SB-2 (6-8)	Total/NA	Solid	8082A	457067

Metals

Prep Batch: 457210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-148426-2	SB-4 (2-4)	Total/NA	Solid	3050B	
480-148426-3	SB-7 (2.5-4.5)	Total/NA	Solid	3050B	
480-148426-4	SB-8 (2-4)	Total/NA	Solid	3050B	
480-148426-5	SB-10 (2.5-4.5)	Total/NA	Solid	3050B	
480-148426-7	SB-13 (2-4)	Total/NA	Solid	3050B	
480-148426-8	SB-14 (2-4)	Total/NA	Solid	3050B	
480-148426-9	SB-15 (2-5)	Total/NA	Solid	3050B	
480-148426-10	SB-16 (3-5)	Total/NA	Solid	3050B	
480-148426-12	SB-20 (3-6)	Total/NA	Solid	3050B	
480-148426-13	SB-21 (2-4)	Total/NA	Solid	3050B	
MB 480-457210/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-457210/2-A	Lab Control Sample	Total/NA	Solid	3050B	
480-148426-5 MS	SB-10 (2.5-4.5)	Total/NA	Solid	3050B	
480-148426-5 MSD	SB-10 (2.5-4.5)	Total/NA	Solid	3050B	

Prep Batch: 457225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-148426-2	SB-4 (2-4)	Total/NA	Solid	7471B	
480-148426-3	SB-7 (2.5-4.5)	Total/NA	Solid	7471B	
480-148426-4	SB-8 (2-4)	Total/NA	Solid	7471B	
480-148426-5	SB-10 (2.5-4.5)	Total/NA	Solid	7471B	
480-148426-7	SB-13 (2-4)	Total/NA	Solid	7471B	
480-148426-8	SB-14 (2-4)	Total/NA	Solid	7471B	
480-148426-9	SB-15 (2-5)	Total/NA	Solid	7471B	
480-148426-10	SB-16 (3-5)	Total/NA	Solid	7471B	
480-148426-12	SB-20 (3-6)	Total/NA	Solid	7471B	
480-148426-13	SB-21 (2-4)	Total/NA	Solid	7471B	
MB 480-457225/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-457225/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	
480-148426-3 MS	SB-7 (2.5-4.5)	Total/NA	Solid	7471B	
480-148426-3 MSD	SB-7 (2.5-4.5)	Total/NA	Solid	7471B	

Analysis Batch: 457271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-148426-2	SB-4 (2-4)	Total/NA	Solid	7471B	457225
480-148426-3	SB-7 (2.5-4.5)	Total/NA	Solid	7471B	457225

Metals (Continued)

Analysis Batch: 457271 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-148426-4	SB-8 (2-4)	Total/NA	Solid	7471B	457225
480-148426-5	SB-10 (2.5-4.5)	Total/NA	Solid	7471B	457225
480-148426-7	SB-13 (2-4)	Total/NA	Solid	7471B	457225
480-148426-8	SB-14 (2-4)	Total/NA	Solid	7471B	457225
480-148426-9	SB-15 (2-5)	Total/NA	Solid	7471B	457225
480-148426-10	SB-16 (3-5)	Total/NA	Solid	7471B	457225
480-148426-12	SB-20 (3-6)	Total/NA	Solid	7471B	457225
480-148426-13	SB-21 (2-4)	Total/NA	Solid	7471B	457225
MB 480-457225/1-A	Method Blank	Total/NA	Solid	7471B	457225
LCSSRM 480-457225/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	457225
480-148426-3 MS	SB-7 (2.5-4.5)	Total/NA	Solid	7471B	457225
480-148426-3 MSD	SB-7 (2.5-4.5)	Total/NA	Solid	7471B	457225

Analysis Batch: 457502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-148426-2	SB-4 (2-4)	Total/NA	Solid	6010C	457210
480-148426-3	SB-7 (2.5-4.5)	Total/NA	Solid	6010C	457210
480-148426-4	SB-8 (2-4)	Total/NA	Solid	6010C	457210
480-148426-5	SB-10 (2.5-4.5)	Total/NA	Solid	6010C	457210
480-148426-7	SB-13 (2-4)	Total/NA	Solid	6010C	457210
480-148426-8	SB-14 (2-4)	Total/NA	Solid	6010C	457210
480-148426-9	SB-15 (2-5)	Total/NA	Solid	6010C	457210
480-148426-10	SB-16 (3-5)	Total/NA	Solid	6010C	457210
480-148426-12	SB-20 (3-6)	Total/NA	Solid	6010C	457210
480-148426-13	SB-21 (2-4)	Total/NA	Solid	6010C	457210
MB 480-457210/1-A	Method Blank	Total/NA	Solid	6010C	457210
LCSSRM 480-457210/2-A	Lab Control Sample	Total/NA	Solid	6010C	457210
480-148426-5 MS	SB-10 (2.5-4.5)	Total/NA	Solid	6010C	457210
480-148426-5 MSD	SB-10 (2.5-4.5)	Total/NA	Solid	6010C	457210

Analysis Batch: 457973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-148426-8	SB-14 (2-4)	Total/NA	Solid	6010C	457210
480-148426-12	SB-20 (3-6)	Total/NA	Solid	6010C	457210

General Chemistry

Analysis Batch: 457764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-148426-1	SB-2 (6-8)	Total/NA	Solid	Moisture	
480-148426-2	SB-4 (2-4)	Total/NA	Solid	Moisture	
480-148426-3	SB-7 (2.5-4.5)	Total/NA	Solid	Moisture	
480-148426-4	SB-8 (2-4)	Total/NA	Solid	Moisture	
480-148426-5	SB-10 (2.5-4.5)	Total/NA	Solid	Moisture	
480-148426-6	SB-11 (6-8)	Total/NA	Solid	Moisture	
480-148426-7	SB-13 (2-4)	Total/NA	Solid	Moisture	
480-148426-8	SB-14 (2-4)	Total/NA	Solid	Moisture	
480-148426-9	SB-15 (2-5)	Total/NA	Solid	Moisture	
480-148426-10	SB-16 (3-5)	Total/NA	Solid	Moisture	
480-148426-11	SB-17 (6-8)	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 457764 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-148426-12	SB-20 (3-6)	Total/NA	Solid	Moisture	
480-148426-13	SB-21 (2-4)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148426-1

Client Sample ID: SB-2 (6-8)
Date Collected: 01/24/19 09:30
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	457764	02/05/19 10:33	CMK	TAL BUF

Client Sample ID: SB-2 (6-8)
Date Collected: 01/24/19 09:30
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-1
Matrix: Solid
Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_H			457155	01/31/19 07:37	AMM	TAL BUF
Total/NA	Analysis	8260C		1	457158	01/31/19 14:01	AMM	TAL BUF
Total/NA	Prep	3550C			457005	01/29/19 14:22	SGD	TAL BUF
Total/NA	Analysis	8270D		5	457115	01/30/19 18:37	RJS	TAL BUF
Total/NA	Prep	3550C			457067	01/30/19 08:35	SMP	TAL BUF
Total/NA	Analysis	8082A		1	457195	01/31/19 13:39	W1T	TAL BUF

Client Sample ID: SB-4 (2-4)
Date Collected: 01/24/19 10:30
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	457764	02/05/19 10:33	CMK	TAL BUF

Client Sample ID: SB-4 (2-4)
Date Collected: 01/24/19 10:30
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-2
Matrix: Solid
Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			457005	01/29/19 14:22	SGD	TAL BUF
Total/NA	Analysis	8270D		1	457115	01/30/19 19:03	RJS	TAL BUF
Total/NA	Prep	3550C			457067	01/30/19 08:35	SMP	TAL BUF
Total/NA	Analysis	8082A		1	457195	01/31/19 14:59	W1T	TAL BUF
Total/NA	Prep	3050B			457210	02/01/19 08:10	JAK	TAL BUF
Total/NA	Analysis	6010C		1	457502	02/01/19 20:53	AMH	TAL BUF
Total/NA	Prep	7471B			457225	01/31/19 11:25	BMB	TAL BUF
Total/NA	Analysis	7471B		1	457271	01/31/19 13:37	BMB	TAL BUF

Client Sample ID: SB-7 (2.5-4.5)
Date Collected: 01/24/19 12:00
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	457764	02/05/19 10:33	CMK	TAL BUF

Lab Chronicle

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148426-1

Client Sample ID: SB-7 (2.5-4.5)

Lab Sample ID: 480-148426-3
Date Collected: 01/24/19 12:00
Matrix: Solid
Date Received: 01/29/19 11:52
Percent Solids: 79.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			457005	01/29/19 14:22	SGD	TAL BUF
Total/NA	Analysis	8270D		5	457115	01/30/19 19:28	RJS	TAL BUF
Total/NA	Prep	3050B			457210	02/01/19 08:10	JAK	TAL BUF
Total/NA	Analysis	6010C		1	457502	02/01/19 20:57	AMH	TAL BUF
Total/NA	Prep	7471B			457225	01/31/19 11:25	BMB	TAL BUF
Total/NA	Analysis	7471B		1	457271	01/31/19 13:38	BMB	TAL BUF

Client Sample ID: SB-8 (2-4)

Lab Sample ID: 480-148426-4
Date Collected: 01/24/19 12:30
Matrix: Solid
Date Received: 01/29/19 11:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	457764	02/05/19 10:33	CMK	TAL BUF

Client Sample ID: SB-8 (2-4)

Lab Sample ID: 480-148426-4
Date Collected: 01/24/19 12:30
Matrix: Solid
Date Received: 01/29/19 11:52
Percent Solids: 77.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			457311	01/31/19 19:45	AEM	TAL BUF
Total/NA	Analysis	8260C		1	457304	02/01/19 00:49	CDC	TAL BUF
Total/NA	Prep	3550C			457005	01/29/19 14:22	SGD	TAL BUF
Total/NA	Analysis	8270D		5	457115	01/30/19 19:54	RJS	TAL BUF
Total/NA	Prep	3050B			457210	02/01/19 08:10	JAK	TAL BUF
Total/NA	Analysis	6010C		1	457502	02/01/19 21:12	AMH	TAL BUF
Total/NA	Prep	7471B			457225	01/31/19 11:25	BMB	TAL BUF
Total/NA	Analysis	7471B		1	457271	01/31/19 13:46	BMB	TAL BUF

Client Sample ID: SB-10 (2.5-4.5)

Lab Sample ID: 480-148426-5
Date Collected: 01/24/19 13:30
Matrix: Solid
Date Received: 01/29/19 11:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	457764	02/05/19 10:33	CMK	TAL BUF

Client Sample ID: SB-10 (2.5-4.5)

Lab Sample ID: 480-148426-5
Date Collected: 01/24/19 13:30
Matrix: Solid
Date Received: 01/29/19 11:52
Percent Solids: 77.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			457179	01/31/19 08:43	CDC	TAL BUF
Total/NA	Analysis	8260C		1	457181	01/31/19 13:01	AEM	TAL BUF
Total/NA	Prep	3550C			457005	01/29/19 14:22	SGD	TAL BUF

Lab Chronicle

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148426-1

Client Sample ID: SB-10 (2.5-4.5)

Lab Sample ID: 480-148426-5
Date Collected: 01/24/19 13:30
Matrix: Solid
Date Received: 01/29/19 11:52
Percent Solids: 77.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8270D		1	457115	01/30/19 20:19	RJS	TAL BUF
Total/NA	Prep	3050B			457210	02/01/19 08:10	JAK	TAL BUF
Total/NA	Analysis	6010C		1	457502	02/01/19 21:15	AMH	TAL BUF
Total/NA	Prep	7471B			457225	01/31/19 11:25	BMB	TAL BUF
Total/NA	Analysis	7471B		1	457271	01/31/19 13:47	BMB	TAL BUF

Client Sample ID: SB-11 (6-8)

Lab Sample ID: 480-148426-6
Date Collected: 01/24/19 14:00
Matrix: Solid
Date Received: 01/29/19 11:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	457764	02/05/19 10:33	CMK	TAL BUF

Client Sample ID: SB-11 (6-8)

Lab Sample ID: 480-148426-6
Date Collected: 01/24/19 14:00
Matrix: Solid
Date Received: 01/29/19 11:52
Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_H			457155	01/31/19 07:37	AMM	TAL BUF
Total/NA	Analysis	8260C		1	457158	01/31/19 14:27	AMM	TAL BUF
Total/NA	Prep	3550C			457005	01/29/19 14:22	SGD	TAL BUF
Total/NA	Analysis	8270D		1	457115	01/30/19 20:45	RJS	TAL BUF

Client Sample ID: SB-13 (2-4)

Lab Sample ID: 480-148426-7
Date Collected: 01/25/19 09:30
Matrix: Solid
Date Received: 01/29/19 11:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	457764	02/05/19 10:33	CMK	TAL BUF

Client Sample ID: SB-13 (2-4)

Lab Sample ID: 480-148426-7
Date Collected: 01/25/19 09:30
Matrix: Solid
Date Received: 01/29/19 11:52
Percent Solids: 87.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			457005	01/29/19 14:22	SGD	TAL BUF
Total/NA	Analysis	8270D		5	457115	01/30/19 21:10	RJS	TAL BUF
Total/NA	Prep	3050B			457210	02/01/19 08:10	JAK	TAL BUF
Total/NA	Analysis	6010C		1	457502	02/01/19 21:34	AMH	TAL BUF
Total/NA	Prep	7471B			457225	01/31/19 11:25	BMB	TAL BUF
Total/NA	Analysis	7471B		1	457271	01/31/19 13:48	BMB	TAL BUF

Lab Chronicle

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148426-1

Client Sample ID: SB-14 (2-4)
Date Collected: 01/25/19 10:00
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	457764	02/05/19 10:33	CMK	TAL BUF

Client Sample ID: SB-14 (2-4)
Date Collected: 01/25/19 10:00
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-8
Matrix: Solid
Percent Solids: 77.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			457005	01/29/19 14:22	SGD	TAL BUF
Total/NA	Analysis	8270D		5	457115	01/30/19 21:35	RJS	TAL BUF
Total/NA	Prep	3550C			457067	01/30/19 08:35	SMP	TAL BUF
Total/NA	Analysis	8082A		1	457195	01/31/19 15:14	W1T	TAL BUF
Total/NA	Prep	3050B			457210	02/01/19 08:10	JAK	TAL BUF
Total/NA	Analysis	6010C		1	457502	02/01/19 21:38	AMH	TAL BUF
Total/NA	Prep	3050B			457210	02/01/19 08:10	JAK	TAL BUF
Total/NA	Analysis	6010C		5	457973	02/06/19 10:55	LMH	TAL BUF
Total/NA	Prep	7471B			457225	01/31/19 11:25	BMB	TAL BUF
Total/NA	Analysis	7471B		1	457271	01/31/19 13:49	BMB	TAL BUF

Client Sample ID: SB-15 (2-5)
Date Collected: 01/25/19 10:30
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	457764	02/05/19 10:33	CMK	TAL BUF

Client Sample ID: SB-15 (2-5)
Date Collected: 01/25/19 10:30
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-9
Matrix: Solid
Percent Solids: 74.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			457005	01/29/19 14:22	SGD	TAL BUF
Total/NA	Analysis	8270D		5	457115	01/30/19 22:01	RJS	TAL BUF
Total/NA	Prep	3550C			457067	01/30/19 08:35	SMP	TAL BUF
Total/NA	Analysis	8082A		1	457195	01/31/19 15:30	W1T	TAL BUF
Total/NA	Prep	3050B			457210	02/01/19 08:10	JAK	TAL BUF
Total/NA	Analysis	6010C		1	457502	02/01/19 21:42	AMH	TAL BUF
Total/NA	Prep	7471B			457225	01/31/19 11:25	BMB	TAL BUF
Total/NA	Analysis	7471B		10	457271	01/31/19 14:19	BMB	TAL BUF

Lab Chronicle

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148426-1

Client Sample ID: SB-16 (3-5)
Date Collected: 01/25/19 11:00
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	457764	02/05/19 10:33	CMK	TAL BUF

Client Sample ID: SB-16 (3-5)
Date Collected: 01/25/19 11:00
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-10
Matrix: Solid
Percent Solids: 92.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			457005	01/29/19 14:22	SGD	TAL BUF
Total/NA	Analysis	8270D		1	457115	01/30/19 22:26	RJS	TAL BUF
Total/NA	Prep	3050B			457210	02/01/19 08:10	JAK	TAL BUF
Total/NA	Analysis	6010C		1	457502	02/01/19 21:57	AMH	TAL BUF
Total/NA	Prep	7471B			457225	01/31/19 11:25	BMB	TAL BUF
Total/NA	Analysis	7471B		1	457271	01/31/19 13:55	BMB	TAL BUF

Client Sample ID: SB-17 (6-8)
Date Collected: 01/25/19 11:30
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	457764	02/05/19 10:33	CMK	TAL BUF

Client Sample ID: SB-17 (6-8)
Date Collected: 01/25/19 11:30
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-11
Matrix: Solid
Percent Solids: 79.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_H			457155	01/31/19 07:37	AMM	TAL BUF
Total/NA	Analysis	8260C		8	457158	01/31/19 14:54	AMM	TAL BUF
Total/NA	Prep	3550C			457005	01/29/19 14:22	SGD	TAL BUF
Total/NA	Analysis	8270D		1	457115	01/30/19 22:52	RJS	TAL BUF
Total/NA	Prep	3550C			457067	01/30/19 08:35	SMP	TAL BUF
Total/NA	Analysis	8082A		1	457195	01/31/19 15:47	W1T	TAL BUF

Client Sample ID: SB-20 (3-6)
Date Collected: 01/25/19 13:00
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	457764	02/05/19 10:33	CMK	TAL BUF

Lab Chronicle

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148426-1

Client Sample ID: SB-20 (3-6)

Date Collected: 01/25/19 13:00
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-12
Matrix: Solid
Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			457005	01/29/19 14:22	SGD	TAL BUF
Total/NA	Analysis	8270D		5	457115	01/30/19 23:17	RJS	TAL BUF
Total/NA	Prep	3050B			457210	02/01/19 08:10	JAK	TAL BUF
Total/NA	Analysis	6010C		1	457502	02/01/19 22:00	AMH	TAL BUF
Total/NA	Prep	3050B			457210	02/01/19 08:10	JAK	TAL BUF
Total/NA	Analysis	6010C		5	457973	02/06/19 10:58	LMH	TAL BUF
Total/NA	Prep	7471B			457225	01/31/19 11:25	BMB	TAL BUF
Total/NA	Analysis	7471B		1	457271	01/31/19 13:56	BMB	TAL BUF

Client Sample ID: SB-21 (2-4)

Date Collected: 01/25/19 14:00
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	457764	02/05/19 10:33	CMK	TAL BUF

Client Sample ID: SB-21 (2-4)

Date Collected: 01/25/19 14:00
Date Received: 01/29/19 11:52

Lab Sample ID: 480-148426-13
Matrix: Solid
Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			457005	01/29/19 14:22	SGD	TAL BUF
Total/NA	Analysis	8270D		5	457115	01/30/19 23:43	RJS	TAL BUF
Total/NA	Prep	3550C	DL		457005	01/29/19 14:22	SGD	TAL BUF
Total/NA	Analysis	8270D	DL	50	457255	01/31/19 16:30	RJS	TAL BUF
Total/NA	Prep	3050B			457210	02/01/19 08:10	JAK	TAL BUF
Total/NA	Analysis	6010C		1	457502	02/01/19 22:04	AMH	TAL BUF
Total/NA	Prep	7471B			457225	01/31/19 11:25	BMB	TAL BUF
Total/NA	Analysis	7471B		1	457271	01/31/19 13:57	BMB	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148426-1

Laboratory: TestAmerica Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-19

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148426-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7471B	Mercury (CVAA)	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF
3050B	Preparation, Metals	SW846	TAL BUF
3550C	Ultrasonic Extraction	SW846	TAL BUF
5035A_H	Closed System Purge and Trap	SW846	TAL BUF
5035A_L	Closed System Purge and Trap	SW846	TAL BUF
7471B	Preparation, Mercury	SW846	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148426-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-148426-1	SB-2 (6-8)	Solid	01/24/19 09:30	01/29/19 11:52
480-148426-2	SB-4 (2-4)	Solid	01/24/19 10:30	01/29/19 11:52
480-148426-3	SB-7 (2.5-4.5)	Solid	01/24/19 12:00	01/29/19 11:52
480-148426-4	SB-8 (2-4)	Solid	01/24/19 12:30	01/29/19 11:52
480-148426-5	SB-10 (2.5-4.5)	Solid	01/24/19 13:30	01/29/19 11:52
480-148426-6	SB-11 (6-8)	Solid	01/24/19 14:00	01/29/19 11:52
480-148426-7	SB-13 (2-4)	Solid	01/25/19 09:30	01/29/19 11:52
480-148426-8	SB-14 (2-4)	Solid	01/25/19 10:00	01/29/19 11:52
480-148426-9	SB-15 (2-5)	Solid	01/25/19 10:30	01/29/19 11:52
480-148426-10	SB-16 (3-5)	Solid	01/25/19 11:00	01/29/19 11:52
480-148426-11	SB-17 (6-8)	Solid	01/25/19 11:30	01/29/19 11:52
480-148426-12	SB-20 (3-6)	Solid	01/25/19 13:00	01/29/19 11:52
480-148426-13	SB-21 (2-4)	Solid	01/25/19 14:00	01/29/19 11:52

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228

Phone: 716.691.2600 Fax: 716.691.7991

Chain of Custody Record

182427

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: BRYAN MAYBACK	Site Contact: CHAD SCHUSTER	Date: 1/28/19	COC No:
Company Name: BENCHMARK ENV. ENG. & SCI	Tel/Fax:	Lab Contact: BRIAN FRENCH	Carrier:	of COCs
Address: 2558 HAMBURG TURNPIKE	Analysis Turnaround Time			
City/State/Zip: BUFFALO, NY 14218	☐ CALENDAR DAYS ☐ WORKING DAYS			
Phone: 716-856-0599	TAT if different from Below _____			
Fax:	☐ 2 weeks			
Project Name: 145 CANSON STREET	☐ 1 week			
Site: 145 CANSON STREET	☐ 2 days			
PO # B0465-018-001	☐ 1 day			

480-148426 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	TCL+CPSI VOCs	TCL+CPSI PAH	RCRA METALS	PCBS	Sample Specific Notes:
SB-2(6-8)	1/24/19	930	G	SOIL	2			X	X		X	
SB-4(2-4)		1030			2				X	X	X	
SB-7(2.5-4.5)		1200			2				X	X		
SB-8(2-4)		1230			2			X	X	X		
SB-10(2.5-4.5)		1330			2			X	X	X		
SB-11(6-8)		1420			2			X	X			
SB-13(2-4)	1/25/19	930			1				X	X		
SB-14(2-4)		1000			2				X	X	X	
SB-15(2-5)		1036			2				X	X	X	
SB-16(3-5)		1100			2				X	X		
SB-17(2-8)		1130			1			X	X		X	
SB-20(3-6)		1300			1				X	X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

#1 3.4

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Chad Mellgren	BENCHMARK	1/28/19 1600		TAB	1/25/19 09:20
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	TAB	1/25/19 10:45		TAB	1/29/19 1045
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

2/7/2019

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228
Phone: 716.691.2600 Fax: 716.691.7991

Chain of Custody Record 182429

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: BRYAN MAYBACK	Site Contact: CHAD SCHUSTER	Date: 1/25/19	COC No:
Company Name: BENCHMARK ENV. ENG. & SCI	Tel/Fax:	Lab Contact: BRIAN FISHER	Carrier:	____ of ____ COCs
Address: 2558 HAMBURG TURNPIKE	Analysis Turnaround Time			Sampler: CS
City/State/Zip: BUFFALO, NY 14218	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 716-856-0599	TAT if different from Below ____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: 145 LANSON STREET	☐ 1 week			
Site: 145 LANSON STREET	☐ 2 days			Job / SDG No.:
PO # 80465-018-001	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL+CPSI VOC	TCL+CPSI PAH	RCRA METALS	PCB	Sample Specific Notes:
SB-21 (2-4)	1/25/19	1400	G	Soil					X	X		
SB-1 (6-8)	1/24/19	900										HOLD
SB-3 (3-5)		1000										HOLD
SB-5 (1-2)		1100										HOLD
SB-6 (7-9)		1130										HOLD
SB-12 (2-4)	1/25/19	900										HOLD
SB-18 (3-5)	1/25/19	1200										HOLD

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

#1214

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Chad M Schuster	BENCHMARK	1/28/19 1600	Jay Taylor	TAB	1/29/19 09:20
Relinquished by: Jay Taylor	Company: TAB	Date/Time: 1/29/19 1045	Received by: Cindy Nolan	Company: TAB	Date/Time: 1/29/19 1045
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

2/7/2019

Login Sample Receipt Checklist

Client: Benchmark Env. Eng. & Science, PLLC

Job Number: 480-148426-1

Login Number: 148426
List Number: 1
Creator: Wallace, Cameron

List Source: TestAmerica Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	BENCHMARK
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT



TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-148428-1
Client Project/Site: Benchmark - 145 Ganson St.

For:
Benchmark Env. Eng. & Science, PLLC
2558 Hamburg Turnpike
Lackawanna, New York 14218

Attn: Bryan Mayback

Authorized for release by:
2/1/2019 3:40:12 PM

Brian Fischer, Manager of Project Management
(716)504-9835
brian.fischer@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Detection Summary 5
Client Sample Results 6
Surrogate Summary 18
QC Sample Results 19
QC Association Summary 25
Lab Chronicle 26
Certification Summary 27
Method Summary 28
Sample Summary 29
Chain of Custody 30
Receipt Checklists 31

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148428-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-148428-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-148428-1

Comments
No additional comments.

Receipt
The samples were received on 1/29/2019 10:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.3º C.

GC/MS VOA
Method(s) 8260C: The following samples were collected in properly preserved vials for analysis of volatile organic compounds (VOCs). However, the pH was outside the required criteria when verified by the laboratory, and corrective action was not possible: SB-8W (480-148428-2). The sample was analyzed within 7 days per EPA recommendation.

Method(s) 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: SB-2W (480-148428-1), (480-148428-B-1 MS) and (480-148428-B-1 MSD). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148428-1

Client Sample ID: SB-2W — Lab Sample ID: 480-148428-1

No Detections.

Client Sample ID: SB-8W — Lab Sample ID: 480-148428-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	2.8	J	10	1.3	ug/L	1		8260C	Total/NA
Acetone	21		10	3.0	ug/L	1		8260C	Total/NA
Benzene	0.48	J	1.0	0.41	ug/L	1		8260C	Total/NA

Client Sample ID: SB-13W — Lab Sample ID: 480-148428-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.0	J	10	3.0	ug/L	1		8260C	Total/NA

Client Sample ID: SB-20W — Lab Sample ID: 480-148428-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.2	J	10	3.0	ug/L	1		8260C	Total/NA
Methylene Chloride	0.53	J	1.0	0.44	ug/L	1		8260C	Total/NA

Client Sample ID: MW-1 — Lab Sample ID: 480-148428-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.5	J	10	3.0	ug/L	1		8260C	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 480-148428-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.9	J	10	3.0	ug/L	1		8260C	Total/NA
Methylene Chloride	0.57	J	1.0	0.44	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148428-1

Client Sample ID: SB-2W
Date Collected: 01/25/19 16:03
Date Received: 01/29/19 10:45

Lab Sample ID: 480-148428-1
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	8.2	ug/L			01/30/19 14:09	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			01/30/19 14:09	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			01/30/19 14:09	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			01/30/19 14:09	10
1,1-Dichloroethane	ND		10	3.8	ug/L			01/30/19 14:09	10
1,1-Dichloroethene	ND		10	2.9	ug/L			01/30/19 14:09	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			01/30/19 14:09	10
1,2,4-Trimethylbenzene	ND		10	7.5	ug/L			01/30/19 14:09	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			01/30/19 14:09	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			01/30/19 14:09	10
1,2-Dichloroethane	ND		10	2.1	ug/L			01/30/19 14:09	10
1,2-Dichloropropane	ND		10	7.2	ug/L			01/30/19 14:09	10
1,3,5-Trimethylbenzene	ND		10	7.7	ug/L			01/30/19 14:09	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			01/30/19 14:09	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			01/30/19 14:09	10
2-Butanone (MEK)	ND		100	13	ug/L			01/30/19 14:09	10
2-Hexanone	ND		50	12	ug/L			01/30/19 14:09	10
4-Isopropyltoluene	ND		10	3.1	ug/L			01/30/19 14:09	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			01/30/19 14:09	10
Acetone	ND		100	30	ug/L			01/30/19 14:09	10
Benzene	ND		10	4.1	ug/L			01/30/19 14:09	10
Bromoform	ND		10	2.6	ug/L			01/30/19 14:09	10
Bromomethane	ND		10	6.9	ug/L			01/30/19 14:09	10
Carbon disulfide	ND		10	1.9	ug/L			01/30/19 14:09	10
Carbon tetrachloride	ND		10	2.7	ug/L			01/30/19 14:09	10
Chlorobenzene	ND		10	7.5	ug/L			01/30/19 14:09	10
Dibromochloromethane	ND		10	3.2	ug/L			01/30/19 14:09	10
Chloroethane	ND		10	3.2	ug/L			01/30/19 14:09	10
Chloroform	ND		10	3.4	ug/L			01/30/19 14:09	10
Chloromethane	ND		10	3.5	ug/L			01/30/19 14:09	10
cis-1,2-Dichloroethene	ND		10	8.1	ug/L			01/30/19 14:09	10
Cyclohexane	ND		10	1.8	ug/L			01/30/19 14:09	10
Bromodichloromethane	ND		10	3.9	ug/L			01/30/19 14:09	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			01/30/19 14:09	10
Ethylbenzene	ND		10	7.4	ug/L			01/30/19 14:09	10
1,2-Dibromoethane	ND		10	7.3	ug/L			01/30/19 14:09	10
Isopropylbenzene	ND		10	7.9	ug/L			01/30/19 14:09	10
Methyl acetate	ND		25	13	ug/L			01/30/19 14:09	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			01/30/19 14:09	10
Methylcyclohexane	ND		10	1.6	ug/L			01/30/19 14:09	10
Methylene Chloride	ND		10	4.4	ug/L			01/30/19 14:09	10
m,p-Xylene	ND		20	6.6	ug/L			01/30/19 14:09	10
n-Butylbenzene	ND		10	6.4	ug/L			01/30/19 14:09	10
N-Propylbenzene	ND		10	6.9	ug/L			01/30/19 14:09	10
o-Xylene	ND		10	7.6	ug/L			01/30/19 14:09	10
sec-Butylbenzene	ND		10	7.5	ug/L			01/30/19 14:09	10
Tetrachloroethene	ND		10	3.6	ug/L			01/30/19 14:09	10
Toluene	ND		10	5.1	ug/L			01/30/19 14:09	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			01/30/19 14:09	10

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148428-1

Client Sample ID: SB-2W
Date Collected: 01/25/19 16:03
Date Received: 01/29/19 10:45

Lab Sample ID: 480-148428-1
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			01/30/19 14:09	10
Trichloroethene	ND		10	4.6	ug/L			01/30/19 14:09	10
Trichlorofluoromethane	ND		10	8.8	ug/L			01/30/19 14:09	10
Vinyl chloride	ND		10	9.0	ug/L			01/30/19 14:09	10
Xylenes, Total	ND		20	6.6	ug/L			01/30/19 14:09	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			01/30/19 14:09	10
Styrene	ND		10	7.3	ug/L			01/30/19 14:09	10
tert-Butylbenzene	ND		10	8.1	ug/L			01/30/19 14:09	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*01/30/19 14:09*	*10*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*01/30/19 14:09*	*10*
Toluene-d8 (Surr)	*100*		*80 - 120*		*01/30/19 14:09*	*10*

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148428-1

Client Sample ID: SB-8W
Date Collected: 01/25/19 15:09
Date Received: 01/29/19 10:45

Lab Sample ID: 480-148428-2
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/30/19 14:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/30/19 14:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/30/19 14:33	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/30/19 14:33	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/30/19 14:33	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/30/19 14:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/30/19 14:33	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			01/30/19 14:33	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/30/19 14:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/30/19 14:33	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/30/19 14:33	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/30/19 14:33	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			01/30/19 14:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/30/19 14:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/30/19 14:33	1
2-Butanone (MEK)	**2.8**	**J**	10	1.3	ug/L			01/30/19 14:33	1
2-Hexanone	ND		5.0	1.2	ug/L			01/30/19 14:33	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			01/30/19 14:33	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/30/19 14:33	1
Acetone	**21**		10	3.0	ug/L			01/30/19 14:33	1
Benzene	**0.48**	**J**	1.0	0.41	ug/L			01/30/19 14:33	1
Bromoform	ND		1.0	0.26	ug/L			01/30/19 14:33	1
Bromomethane	ND		1.0	0.69	ug/L			01/30/19 14:33	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/30/19 14:33	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/30/19 14:33	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/30/19 14:33	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/30/19 14:33	1
Chloroethane	ND		1.0	0.32	ug/L			01/30/19 14:33	1
Chloroform	ND		1.0	0.34	ug/L			01/30/19 14:33	1
Chloromethane	ND		1.0	0.35	ug/L			01/30/19 14:33	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/30/19 14:33	1
Cyclohexane	ND		1.0	0.18	ug/L			01/30/19 14:33	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/30/19 14:33	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/30/19 14:33	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/30/19 14:33	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/30/19 14:33	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/30/19 14:33	1
Methyl acetate	ND		2.5	1.3	ug/L			01/30/19 14:33	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/30/19 14:33	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/30/19 14:33	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/30/19 14:33	1
m,p-Xylene	ND		2.0	0.66	ug/L			01/30/19 14:33	1
n-Butylbenzene	ND		1.0	0.64	ug/L			01/30/19 14:33	1
N-Propylbenzene	ND		1.0	0.69	ug/L			01/30/19 14:33	1
o-Xylene	ND		1.0	0.76	ug/L			01/30/19 14:33	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			01/30/19 14:33	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/30/19 14:33	1
Toluene	ND		1.0	0.51	ug/L			01/30/19 14:33	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/30/19 14:33	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148428-1

Client Sample ID: SB-8W
Date Collected: 01/25/19 15:09
Date Received: 01/29/19 10:45

Lab Sample ID: 480-148428-2
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/30/19 14:33	1
Trichloroethene	ND		1.0	0.46	ug/L			01/30/19 14:33	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/30/19 14:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/30/19 14:33	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/30/19 14:33	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/30/19 14:33	1
Styrene	ND		1.0	0.73	ug/L			01/30/19 14:33	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			01/30/19 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*01/30/19 14:33*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*01/30/19 14:33*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*01/30/19 14:33*	*1*

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148428-1

Client Sample ID: SB-13W
Date Collected: 01/25/19 16:12
Date Received: 01/29/19 10:45

Lab Sample ID: 480-148428-3
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/30/19 14:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/30/19 14:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/30/19 14:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/30/19 14:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/30/19 14:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/30/19 14:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/30/19 14:58	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			01/30/19 14:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/30/19 14:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/30/19 14:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/30/19 14:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/30/19 14:58	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			01/30/19 14:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/30/19 14:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/30/19 14:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/30/19 14:58	1
2-Hexanone	ND		5.0	1.2	ug/L			01/30/19 14:58	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			01/30/19 14:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/30/19 14:58	1
Acetone	**7.0**	**J**	10	3.0	ug/L			01/30/19 14:58	1
Benzene	ND		1.0	0.41	ug/L			01/30/19 14:58	1
Bromoform	ND		1.0	0.26	ug/L			01/30/19 14:58	1
Bromomethane	ND		1.0	0.69	ug/L			01/30/19 14:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/30/19 14:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/30/19 14:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/30/19 14:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/30/19 14:58	1
Chloroethane	ND		1.0	0.32	ug/L			01/30/19 14:58	1
Chloroform	ND		1.0	0.34	ug/L			01/30/19 14:58	1
Chloromethane	ND		1.0	0.35	ug/L			01/30/19 14:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/30/19 14:58	1
Cyclohexane	ND		1.0	0.18	ug/L			01/30/19 14:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/30/19 14:58	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/30/19 14:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/30/19 14:58	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/30/19 14:58	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/30/19 14:58	1
Methyl acetate	ND		2.5	1.3	ug/L			01/30/19 14:58	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/30/19 14:58	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/30/19 14:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/30/19 14:58	1
m,p-Xylene	ND		2.0	0.66	ug/L			01/30/19 14:58	1
n-Butylbenzene	ND		1.0	0.64	ug/L			01/30/19 14:58	1
N-Propylbenzene	ND		1.0	0.69	ug/L			01/30/19 14:58	1
o-Xylene	ND		1.0	0.76	ug/L			01/30/19 14:58	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			01/30/19 14:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/30/19 14:58	1
Toluene	ND		1.0	0.51	ug/L			01/30/19 14:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/30/19 14:58	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148428-1

Client Sample ID: SB-13W
Date Collected: 01/25/19 16:12
Date Received: 01/29/19 10:45

Lab Sample ID: 480-148428-3
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/30/19 14:58	1
Trichloroethene	ND		1.0	0.46	ug/L			01/30/19 14:58	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/30/19 14:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/30/19 14:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/30/19 14:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/30/19 14:58	1
Styrene	ND		1.0	0.73	ug/L			01/30/19 14:58	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			01/30/19 14:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*01/30/19 14:58*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*01/30/19 14:58*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*01/30/19 14:58*	*1*

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148428-1

Client Sample ID: SB-20W
Date Collected: 01/25/19 15:51
Date Received: 01/29/19 10:45

Lab Sample ID: 480-148428-4
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/30/19 15:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/30/19 15:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/30/19 15:21	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/30/19 15:21	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/30/19 15:21	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/30/19 15:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/30/19 15:21	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			01/30/19 15:21	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/30/19 15:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/30/19 15:21	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/30/19 15:21	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/30/19 15:21	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			01/30/19 15:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/30/19 15:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/30/19 15:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/30/19 15:21	1
2-Hexanone	ND		5.0	1.2	ug/L			01/30/19 15:21	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			01/30/19 15:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/30/19 15:21	1
Acetone	**9.2**	**J**	10	3.0	ug/L			01/30/19 15:21	1
Benzene	ND		1.0	0.41	ug/L			01/30/19 15:21	1
Bromoform	ND		1.0	0.26	ug/L			01/30/19 15:21	1
Bromomethane	ND		1.0	0.69	ug/L			01/30/19 15:21	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/30/19 15:21	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/30/19 15:21	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/30/19 15:21	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/30/19 15:21	1
Chloroethane	ND		1.0	0.32	ug/L			01/30/19 15:21	1
Chloroform	ND		1.0	0.34	ug/L			01/30/19 15:21	1
Chloromethane	ND		1.0	0.35	ug/L			01/30/19 15:21	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/30/19 15:21	1
Cyclohexane	ND		1.0	0.18	ug/L			01/30/19 15:21	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/30/19 15:21	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/30/19 15:21	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/30/19 15:21	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/30/19 15:21	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/30/19 15:21	1
Methyl acetate	ND		2.5	1.3	ug/L			01/30/19 15:21	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/30/19 15:21	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/30/19 15:21	1
Methylene Chloride	**0.53**	**J**	1.0	0.44	ug/L			01/30/19 15:21	1
m,p-Xylene	ND		2.0	0.66	ug/L			01/30/19 15:21	1
n-Butylbenzene	ND		1.0	0.64	ug/L			01/30/19 15:21	1
N-Propylbenzene	ND		1.0	0.69	ug/L			01/30/19 15:21	1
o-Xylene	ND		1.0	0.76	ug/L			01/30/19 15:21	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			01/30/19 15:21	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/30/19 15:21	1
Toluene	ND		1.0	0.51	ug/L			01/30/19 15:21	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/30/19 15:21	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148428-1

Client Sample ID: SB-20W
Date Collected: 01/25/19 15:51
Date Received: 01/29/19 10:45

Lab Sample ID: 480-148428-4
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/30/19 15:21	1
Trichloroethene	ND		1.0	0.46	ug/L			01/30/19 15:21	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/30/19 15:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/30/19 15:21	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/30/19 15:21	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/30/19 15:21	1
Styrene	ND		1.0	0.73	ug/L			01/30/19 15:21	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			01/30/19 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*01/30/19 15:21*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*01/30/19 15:21*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*01/30/19 15:21*	*1*

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148428-1

Client Sample ID: MW-1
Date Collected: 01/25/19 15:31
Date Received: 01/29/19 10:45

Lab Sample ID: 480-148428-5
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/30/19 15:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/30/19 15:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/30/19 15:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/30/19 15:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/30/19 15:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/30/19 15:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/30/19 15:45	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			01/30/19 15:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/30/19 15:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/30/19 15:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/30/19 15:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/30/19 15:45	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			01/30/19 15:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/30/19 15:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/30/19 15:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/30/19 15:45	1
2-Hexanone	ND		5.0	1.2	ug/L			01/30/19 15:45	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			01/30/19 15:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/30/19 15:45	1
Acetone	**6.5**	**J**	10	3.0	ug/L			01/30/19 15:45	1
Benzene	ND		1.0	0.41	ug/L			01/30/19 15:45	1
Bromoform	ND		1.0	0.26	ug/L			01/30/19 15:45	1
Bromomethane	ND		1.0	0.69	ug/L			01/30/19 15:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/30/19 15:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/30/19 15:45	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/30/19 15:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/30/19 15:45	1
Chloroethane	ND		1.0	0.32	ug/L			01/30/19 15:45	1
Chloroform	ND		1.0	0.34	ug/L			01/30/19 15:45	1
Chloromethane	ND		1.0	0.35	ug/L			01/30/19 15:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/30/19 15:45	1
Cyclohexane	ND		1.0	0.18	ug/L			01/30/19 15:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/30/19 15:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/30/19 15:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/30/19 15:45	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/30/19 15:45	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/30/19 15:45	1
Methyl acetate	ND		2.5	1.3	ug/L			01/30/19 15:45	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/30/19 15:45	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/30/19 15:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/30/19 15:45	1
m,p-Xylene	ND		2.0	0.66	ug/L			01/30/19 15:45	1
n-Butylbenzene	ND		1.0	0.64	ug/L			01/30/19 15:45	1
N-Propylbenzene	ND		1.0	0.69	ug/L			01/30/19 15:45	1
o-Xylene	ND		1.0	0.76	ug/L			01/30/19 15:45	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			01/30/19 15:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/30/19 15:45	1
Toluene	ND		1.0	0.51	ug/L			01/30/19 15:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/30/19 15:45	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148428-1

Client Sample ID: MW-1
Date Collected: 01/25/19 15:31
Date Received: 01/29/19 10:45

Lab Sample ID: 480-148428-5
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/30/19 15:45	1
Trichloroethene	ND		1.0	0.46	ug/L			01/30/19 15:45	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/30/19 15:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/30/19 15:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/30/19 15:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/30/19 15:45	1
Styrene	ND		1.0	0.73	ug/L			01/30/19 15:45	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			01/30/19 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*		*01/30/19 15:45*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*01/30/19 15:45*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*01/30/19 15:45*	*1*

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148428-1

Client Sample ID: MW-2
Date Collected: 01/25/19 15:43
Date Received: 01/29/19 10:45

Lab Sample ID: 480-148428-6
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/30/19 16:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/30/19 16:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/30/19 16:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/30/19 16:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/30/19 16:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/30/19 16:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/30/19 16:09	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			01/30/19 16:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/30/19 16:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/30/19 16:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/30/19 16:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/30/19 16:09	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			01/30/19 16:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/30/19 16:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/30/19 16:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/30/19 16:09	1
2-Hexanone	ND		5.0	1.2	ug/L			01/30/19 16:09	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			01/30/19 16:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/30/19 16:09	1
Acetone	**8.9**	**J**	10	3.0	ug/L			01/30/19 16:09	1
Benzene	ND		1.0	0.41	ug/L			01/30/19 16:09	1
Bromoform	ND		1.0	0.26	ug/L			01/30/19 16:09	1
Bromomethane	ND		1.0	0.69	ug/L			01/30/19 16:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/30/19 16:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/30/19 16:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/30/19 16:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/30/19 16:09	1
Chloroethane	ND		1.0	0.32	ug/L			01/30/19 16:09	1
Chloroform	ND		1.0	0.34	ug/L			01/30/19 16:09	1
Chloromethane	ND		1.0	0.35	ug/L			01/30/19 16:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/30/19 16:09	1
Cyclohexane	ND		1.0	0.18	ug/L			01/30/19 16:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/30/19 16:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/30/19 16:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/30/19 16:09	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/30/19 16:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/30/19 16:09	1
Methyl acetate	ND		2.5	1.3	ug/L			01/30/19 16:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/30/19 16:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/30/19 16:09	1
Methylene Chloride	**0.57**	**J**	1.0	0.44	ug/L			01/30/19 16:09	1
m,p-Xylene	ND		2.0	0.66	ug/L			01/30/19 16:09	1
n-Butylbenzene	ND		1.0	0.64	ug/L			01/30/19 16:09	1
N-Propylbenzene	ND		1.0	0.69	ug/L			01/30/19 16:09	1
o-Xylene	ND		1.0	0.76	ug/L			01/30/19 16:09	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			01/30/19 16:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/30/19 16:09	1
Toluene	ND		1.0	0.51	ug/L			01/30/19 16:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/30/19 16:09	1

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148428-1

Client Sample ID: MW-2
Date Collected: 01/25/19 15:43
Date Received: 01/29/19 10:45

Lab Sample ID: 480-148428-6
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/30/19 16:09	1
Trichloroethene	ND		1.0	0.46	ug/L			01/30/19 16:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/30/19 16:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/30/19 16:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/30/19 16:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/30/19 16:09	1
Styrene	ND		1.0	0.73	ug/L			01/30/19 16:09	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			01/30/19 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*01/30/19 16:09*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*01/30/19 16:09*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*01/30/19 16:09*	*1*

Surrogate Summary

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148428-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		DCA	BFB	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)
480-148428-1	SB-2W	94	102	100
480-148428-1 MS	SB-2W	97	104	103
480-148428-1 MSD	SB-2W	93	98	102
480-148428-2	SB-8W	98	99	100
480-148428-3	SB-13W	95	98	98
480-148428-4	SB-20W	97	101	100
480-148428-5	MW-1	93	99	100
480-148428-6	MW-2	98	102	100
LCS 480-457054/6	Lab Control Sample	91	100	98
MB 480-457054/8	Method Blank	93	99	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148428-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-457054/8
Matrix: Water
Analysis Batch: 457054

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/30/19 12:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/30/19 12:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/30/19 12:21	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/30/19 12:21	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/30/19 12:21	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/30/19 12:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/30/19 12:21	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			01/30/19 12:21	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/30/19 12:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/30/19 12:21	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/30/19 12:21	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/30/19 12:21	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			01/30/19 12:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/30/19 12:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/30/19 12:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/30/19 12:21	1
2-Hexanone	ND		5.0	1.2	ug/L			01/30/19 12:21	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			01/30/19 12:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/30/19 12:21	1
Acetone	ND		10	3.0	ug/L			01/30/19 12:21	1
Benzene	ND		1.0	0.41	ug/L			01/30/19 12:21	1
Bromoform	ND		1.0	0.26	ug/L			01/30/19 12:21	1
Bromomethane	ND		1.0	0.69	ug/L			01/30/19 12:21	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/30/19 12:21	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/30/19 12:21	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/30/19 12:21	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/30/19 12:21	1
Chloroethane	ND		1.0	0.32	ug/L			01/30/19 12:21	1
Chloroform	ND		1.0	0.34	ug/L			01/30/19 12:21	1
Chloromethane	ND		1.0	0.35	ug/L			01/30/19 12:21	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/30/19 12:21	1
Cyclohexane	ND		1.0	0.18	ug/L			01/30/19 12:21	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/30/19 12:21	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/30/19 12:21	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/30/19 12:21	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/30/19 12:21	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/30/19 12:21	1
Methyl acetate	ND		2.5	1.3	ug/L			01/30/19 12:21	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/30/19 12:21	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/30/19 12:21	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/30/19 12:21	1
m,p-Xylene	ND		2.0	0.66	ug/L			01/30/19 12:21	1
n-Butylbenzene	ND		1.0	0.64	ug/L			01/30/19 12:21	1
N-Propylbenzene	ND		1.0	0.69	ug/L			01/30/19 12:21	1
o-Xylene	ND		1.0	0.76	ug/L			01/30/19 12:21	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			01/30/19 12:21	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/30/19 12:21	1
Toluene	ND		1.0	0.51	ug/L			01/30/19 12:21	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-457054/8
Matrix: Water
Analysis Batch: 457054

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/30/19 12:21	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/30/19 12:21	1
Trichloroethene	ND		1.0	0.46	ug/L			01/30/19 12:21	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/30/19 12:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/30/19 12:21	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/30/19 12:21	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/30/19 12:21	1
Styrene	ND		1.0	0.73	ug/L			01/30/19 12:21	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			01/30/19 12:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*		*01/30/19 12:21*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*01/30/19 12:21*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*01/30/19 12:21*	*1*

Lab Sample ID: LCS 480-457054/6
Matrix: Water
Analysis Batch: 457054

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	21.5		ug/L		86	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.2		ug/L		101	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	20.7		ug/L		83	61 - 148
1,1,2-Trichloroethane	25.0	23.0		ug/L		92	76 - 122
1,1-Dichloroethane	25.0	21.2		ug/L		85	77 - 120
1,1-Dichloroethene	25.0	20.3		ug/L		81	66 - 127
1,2,4-Trichlorobenzene	25.0	25.8		ug/L		103	79 - 122
1,2,4-Trimethylbenzene	25.0	26.3		ug/L		105	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	25.8		ug/L		103	56 - 134
1,2-Dichlorobenzene	25.0	25.3		ug/L		101	80 - 124
1,2-Dichloroethane	25.0	21.3		ug/L		85	75 - 120
1,2-Dichloropropane	25.0	21.2		ug/L		85	76 - 120
1,3,5-Trimethylbenzene	25.0	26.3		ug/L		105	77 - 121
1,3-Dichlorobenzene	25.0	25.5		ug/L		102	77 - 120
1,4-Dichlorobenzene	25.0	25.5		ug/L		102	80 - 120
2-Butanone (MEK)	125	105		ug/L		84	57 - 140
2-Hexanone	125	116		ug/L		93	65 - 127
4-Isopropyltoluene	25.0	26.5		ug/L		106	73 - 120
4-Methyl-2-pentanone (MIBK)	125	124		ug/L		100	71 - 125
Acetone	125	104		ug/L		83	56 - 142
Benzene	25.0	21.4		ug/L		86	71 - 124
Bromoform	25.0	24.5		ug/L		98	61 - 132
Bromomethane	25.0	20.8		ug/L		83	55 - 144
Carbon disulfide	25.0	21.0		ug/L		84	59 - 134
Carbon tetrachloride	25.0	23.3		ug/L		93	72 - 134
Chlorobenzene	25.0	23.6		ug/L		94	80 - 120
Dibromochloromethane	25.0	25.6		ug/L		102	75 - 125

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-457054/6
Matrix: Water
Analysis Batch: 457054

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	25.0	20.6		ug/L		82	69 - 136
Chloroform	25.0	20.8		ug/L		83	73 - 127
Chloromethane	25.0	20.8		ug/L		83	68 - 124
cis-1,2-Dichloroethene	25.0	22.1		ug/L		89	74 - 124
Cyclohexane	25.0	22.2		ug/L		89	59 - 135
Bromodichloromethane	25.0	22.9		ug/L		92	80 - 122
Dichlorodifluoromethane	25.0	21.1		ug/L		84	59 - 135
Ethylbenzene	25.0	23.8		ug/L		95	77 - 123
1,2-Dibromoethane	25.0	24.1		ug/L		96	77 - 120
Isopropylbenzene	25.0	26.7		ug/L		107	77 - 122
Methyl acetate	50.0	42.0		ug/L		84	74 - 133
Methyl tert-butyl ether	25.0	23.1		ug/L		92	77 - 120
Methylcyclohexane	25.0	22.0		ug/L		88	68 - 134
Methylene Chloride	25.0	20.2		ug/L		81	75 - 124
m,p-Xylene	25.0	23.5		ug/L		94	76 - 122
n-Butylbenzene	25.0	25.6		ug/L		102	71 - 128
N-Propylbenzene	25.0	26.3		ug/L		105	75 - 127
o-Xylene	25.0	22.4		ug/L		89	76 - 122
sec-Butylbenzene	25.0	26.4		ug/L		106	74 - 127
Tetrachloroethene	25.0	22.6		ug/L		90	74 - 122
Toluene	25.0	23.5		ug/L		94	80 - 122
trans-1,2-Dichloroethene	25.0	20.5		ug/L		82	73 - 127
trans-1,3-Dichloropropene	25.0	24.8		ug/L		99	80 - 120
Trichloroethene	25.0	21.6		ug/L		87	74 - 123
Trichlorofluoromethane	25.0	22.3		ug/L		89	62 - 150
Vinyl chloride	25.0	22.6		ug/L		91	65 - 133
cis-1,3-Dichloropropene	25.0	21.5		ug/L		86	74 - 124
Styrene	25.0	24.1		ug/L		96	80 - 120
tert-Butylbenzene	25.0	26.4		ug/L		106	75 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 480-148428-1 MS
Matrix: Water
Analysis Batch: 457054

Client Sample ID: SB-2W
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		250	244		ug/L		98	73 - 126
1,1,2,2-Tetrachloroethane	ND		250	246		ug/L		98	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		250	241		ug/L		96	61 - 148
1,1,2-Trichloroethane	ND		250	251		ug/L		100	76 - 122
1,1-Dichloroethane	ND		250	242		ug/L		97	77 - 120
1,1-Dichloroethene	ND		250	243		ug/L		97	66 - 127
1,2,4-Trichlorobenzene	ND		250	266		ug/L		106	79 - 122

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-148428-1 MS
Matrix: Water
Analysis Batch: 457054

Client Sample ID: SB-2W
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trimethylbenzene	ND		250	268		ug/L		107	76 - 121
1,2-Dibromo-3-Chloropropane	ND		250	277		ug/L		111	56 - 134
1,2-Dichlorobenzene	ND		250	260		ug/L		104	80 - 124
1,2-Dichloroethane	ND		250	234		ug/L		94	75 - 120
1,2-Dichloropropane	ND		250	228		ug/L		91	76 - 120
1,3,5-Trimethylbenzene	ND		250	283		ug/L		113	77 - 121
1,3-Dichlorobenzene	ND		250	265		ug/L		106	77 - 120
1,4-Dichlorobenzene	ND		250	266		ug/L		107	78 - 124
2-Butanone (MEK)	ND		1250	1160		ug/L		92	57 - 140
2-Hexanone	ND		1250	1230		ug/L		99	65 - 127
4-Isopropyltoluene	ND		250	282		ug/L		113	73 - 120
4-Methyl-2-pentanone (MIBK)	ND		1250	1300		ug/L		104	71 - 125
Acetone	ND		1250	1000		ug/L		80	56 - 142
Benzene	ND		250	240		ug/L		96	71 - 124
Bromoform	ND		250	256		ug/L		102	61 - 132
Bromomethane	ND		250	231		ug/L		93	55 - 144
Carbon disulfide	ND		250	254		ug/L		101	59 - 134
Carbon tetrachloride	ND		250	260		ug/L		104	72 - 134
Chlorobenzene	ND		250	264		ug/L		106	80 - 120
Dibromochloromethane	ND		250	271		ug/L		108	75 - 125
Chloroethane	ND		250	226		ug/L		90	69 - 136
Chloroform	ND		250	236		ug/L		94	73 - 127
Chloromethane	ND		250	218		ug/L		87	68 - 124
cis-1,2-Dichloroethene	ND		250	243		ug/L		97	74 - 124
Cyclohexane	ND		250	247		ug/L		99	59 - 135
Bromodichloromethane	ND		250	249		ug/L		100	80 - 122
Dichlorodifluoromethane	ND		250	241		ug/L		96	59 - 135
Ethylbenzene	ND		250	270		ug/L		108	77 - 123
1,2-Dibromoethane	ND		250	258		ug/L		103	77 - 120
Isopropylbenzene	ND		250	285		ug/L		114	77 - 122
Methyl acetate	ND		500	423		ug/L		85	74 - 133
Methyl tert-butyl ether	ND		250	241		ug/L		96	77 - 120
Methylcyclohexane	ND		250	259		ug/L		103	68 - 134
Methylene Chloride	ND		250	218		ug/L		87	75 - 124
m,p-Xylene	ND		250	273		ug/L		109	76 - 122
n-Butylbenzene	ND		250	274		ug/L		109	71 - 128
N-Propylbenzene	ND		250	276		ug/L		111	75 - 127
o-Xylene	ND		250	250		ug/L		100	76 - 122
sec-Butylbenzene	ND		250	280		ug/L		112	74 - 127
Tetrachloroethene	ND		250	251		ug/L		100	74 - 122
Toluene	ND		250	262		ug/L		105	80 - 122
trans-1,2-Dichloroethene	ND		250	232		ug/L		93	73 - 127
trans-1,3-Dichloropropene	ND		250	262		ug/L		105	80 - 120
Trichloroethene	ND		250	240		ug/L		96	74 - 123
Trichlorofluoromethane	ND		250	254		ug/L		102	62 - 150
Vinyl chloride	ND		250	263		ug/L		105	65 - 133
cis-1,3-Dichloropropene	ND		250	227		ug/L		91	74 - 124
Styrene	ND		250	267		ug/L		107	80 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-148428-1 MS
Matrix: Water
Analysis Batch: 457054

Client Sample ID: SB-2W
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
tert-Butylbenzene	ND		250	270		ug/L		108	75 - 123

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: 480-148428-1 MSD
Matrix: Water
Analysis Batch: 457054

Client Sample ID: SB-2W
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		250	244		ug/L		98	73 - 126	0	15
1,1,2,2-Tetrachloroethane	ND		250	245		ug/L		98	76 - 120	0	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	236		ug/L		94	61 - 148	2	20
1,1,2-Trichloroethane	ND		250	233		ug/L		93	76 - 122	7	15
1,1-Dichloroethane	ND		250	239		ug/L		96	77 - 120	1	20
1,1-Dichloroethene	ND		250	232		ug/L		93	66 - 127	5	16
1,2,4-Trichlorobenzene	ND		250	267		ug/L		107	79 - 122	1	20
1,2,4-Trimethylbenzene	ND		250	269		ug/L		107	76 - 121	0	20
1,2-Dibromo-3-Chloropropane	ND		250	255		ug/L		102	56 - 134	8	15
1,2-Dichlorobenzene	ND		250	264		ug/L		105	80 - 124	2	20
1,2-Dichloroethane	ND		250	237		ug/L		95	75 - 120	1	20
1,2-Dichloropropane	ND		250	235		ug/L		94	76 - 120	3	20
1,3,5-Trimethylbenzene	ND		250	274		ug/L		110	77 - 121	3	20
1,3-Dichlorobenzene	ND		250	260		ug/L		104	77 - 120	2	20
1,4-Dichlorobenzene	ND		250	266		ug/L		107	78 - 124	0	20
2-Butanone (MEK)	ND		1250	1140		ug/L		91	57 - 140	1	20
2-Hexanone	ND		1250	1240		ug/L		99	65 - 127	0	15
4-Isopropyltoluene	ND		250	276		ug/L		111	73 - 120	2	20
4-Methyl-2-pentanone (MIBK)	ND		1250	1290		ug/L		104	71 - 125	0	35
Acetone	ND		1250	1040		ug/L		84	56 - 142	4	15
Benzene	ND		250	239		ug/L		95	71 - 124	0	13
Bromoform	ND		250	251		ug/L		101	61 - 132	2	15
Bromomethane	ND		250	234		ug/L		94	55 - 144	1	15
Carbon disulfide	ND		250	245		ug/L		98	59 - 134	3	15
Carbon tetrachloride	ND		250	261		ug/L		104	72 - 134	0	15
Chlorobenzene	ND		250	260		ug/L		104	80 - 120	2	25
Dibromochloromethane	ND		250	264		ug/L		106	75 - 125	2	15
Chloroethane	ND		250	226		ug/L		90	69 - 136	0	15
Chloroform	ND		250	235		ug/L		94	73 - 127	0	20
Chloromethane	ND		250	229		ug/L		92	68 - 124	5	15
cis-1,2-Dichloroethene	ND		250	240		ug/L		96	74 - 124	1	15
Cyclohexane	ND		250	241		ug/L		96	59 - 135	3	20
Bromodichloromethane	ND		250	255		ug/L		102	80 - 122	2	15
Dichlorodifluoromethane	ND		250	238		ug/L		95	59 - 135	1	20
Ethylbenzene	ND		250	264		ug/L		106	77 - 123	2	15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-148428-1 MSD
Matrix: Water
Analysis Batch: 457054

Client Sample ID: SB-2W
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane	ND		250	250		ug/L		100	77 - 120	3	15
Isopropylbenzene	ND		250	276		ug/L		110	77 - 122	3	20
Methyl acetate	ND		500	434		ug/L		87	74 - 133	2	20
Methyl tert-butyl ether	ND		250	246		ug/L		98	77 - 120	2	37
Methylcyclohexane	ND		250	253		ug/L		101	68 - 134	2	20
Methylene Chloride	ND		250	215		ug/L		86	75 - 124	1	15
m,p-Xylene	ND		250	262		ug/L		105	76 - 122	4	16
n-Butylbenzene	ND		250	275		ug/L		110	71 - 128	0	15
N-Propylbenzene	ND		250	273		ug/L		109	75 - 127	1	15
o-Xylene	ND		250	254		ug/L		102	76 - 122	1	16
sec-Butylbenzene	ND		250	273		ug/L		109	74 - 127	3	15
Tetrachloroethene	ND		250	245		ug/L		98	74 - 122	2	20
Toluene	ND		250	258		ug/L		103	80 - 122	1	15
trans-1,2-Dichloroethene	ND		250	226		ug/L		90	73 - 127	2	20
trans-1,3-Dichloropropene	ND		250	260		ug/L		104	80 - 120	1	15
Trichloroethene	ND		250	234		ug/L		94	74 - 123	3	16
Trichlorofluoromethane	ND		250	246		ug/L		98	62 - 150	4	20
Vinyl chloride	ND		250	260		ug/L		104	65 - 133	1	15
cis-1,3-Dichloropropene	ND		250	235		ug/L		94	74 - 124	3	15
Styrene	ND		250	262		ug/L		105	80 - 120	2	20
tert-Butylbenzene	ND		250	264		ug/L		106	75 - 123	2	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

QC Association Summary

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148428-1

GC/MS VOA

Analysis Batch: 457054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-148428-1	SB-2W	Total/NA	Water	8260C	
480-148428-2	SB-8W	Total/NA	Water	8260C	
480-148428-3	SB-13W	Total/NA	Water	8260C	
480-148428-4	SB-20W	Total/NA	Water	8260C	
480-148428-5	MW-1	Total/NA	Water	8260C	
480-148428-6	MW-2	Total/NA	Water	8260C	
MB 480-457054/8	Method Blank	Total/NA	Water	8260C	
LCS 480-457054/6	Lab Control Sample	Total/NA	Water	8260C	
480-148428-1 MS	SB-2W	Total/NA	Water	8260C	
480-148428-1 MSD	SB-2W	Total/NA	Water	8260C	

Lab Chronicle

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148428-1

Client Sample ID: SB-2W
Lab Sample ID: 480-148428-1
Date Collected: 01/25/19 16:03
Matrix: Water
Date Received: 01/29/19 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	457054	01/30/19 14:09	RJF	TAL BUF

Client Sample ID: SB-8W
Lab Sample ID: 480-148428-2
Date Collected: 01/25/19 15:09
Matrix: Water
Date Received: 01/29/19 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	457054	01/30/19 14:33	RJF	TAL BUF

Client Sample ID: SB-13W
Lab Sample ID: 480-148428-3
Date Collected: 01/25/19 16:12
Matrix: Water
Date Received: 01/29/19 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	457054	01/30/19 14:58	RJF	TAL BUF

Client Sample ID: SB-20W
Lab Sample ID: 480-148428-4
Date Collected: 01/25/19 15:51
Matrix: Water
Date Received: 01/29/19 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	457054	01/30/19 15:21	RJF	TAL BUF

Client Sample ID: MW-1
Lab Sample ID: 480-148428-5
Date Collected: 01/25/19 15:31
Matrix: Water
Date Received: 01/29/19 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	457054	01/30/19 15:45	RJF	TAL BUF

Client Sample ID: MW-2
Lab Sample ID: 480-148428-6
Date Collected: 01/25/19 15:43
Matrix: Water
Date Received: 01/29/19 10:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	457054	01/30/19 16:09	RJF	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Benchmark Env. Eng. & Science, PLLC
TestAmerica Job ID: 480-148428-1
Project/Site: Benchmark - 145 Ganson St.

Laboratory: TestAmerica Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10026	03-31-19

Method Summary

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148428-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Benchmark Env. Eng. & Science, PLLC
Project/Site: Benchmark - 145 Ganson St.

TestAmerica Job ID: 480-148428-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-148428-1	SB-2W	Water	01/25/19 16:03	01/29/19 10:45
480-148428-2	SB-8W	Water	01/25/19 15:09	01/29/19 10:45
480-148428-3	SB-13W	Water	01/25/19 16:12	01/29/19 10:45
480-148428-4	SB-20W	Water	01/25/19 15:51	01/29/19 10:45
480-148428-5	MW-1	Water	01/25/19 15:31	01/29/19 10:45
480-148428-6	MW-2	Water	01/25/19 15:43	01/29/19 10:45

TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228
Phone: 716.691.2600 Fax: 716.691.7991

Chain of Custody Record 304554

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: BRYAN MAYBACK	Site Contact: CHAD SCHUSTER	Date: 1/28/19	COC No:
Company Name: BENCHMARK ENV SCI & ENG.	Tel/Fax:	Lab Contact: BRIAN FISCHER	Carrier:	____ of ____ COCs
Address: 2558 HAMBURG TURNPIKE	Analysis Turnaround Time			Sampler: CS
City/State/Zip: BUFFALO, NY 14218	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 716-856-0599	TAT if different from Below ____			
Fax:	☐ 2 weeks ☐ 1 week STD ☐ 2 days ☐ 1 day			
Project Name: 145 CANSON STREET				
Site: 145 CANSON STREET				
PO# B0465-018-001				

480-148428 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL CP+SI VOCs	Sample Specific Notes:
SB-2W	1/25/19	1603	G	AQUA	2			X	LOW VOLUME
SB-8W		1509			2			X	LOW VOLUME
SB-13W		1612			2			X	LOW VOLUME
SB-20W		1551			2			X	LOW VOLUME
MW-1		1531			3			X	
MW-2		1543			2			X	LOW VOLUME

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ Therm ID No.: ____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Chad M Schuster	BENCHMARK	1/28/19 1600		TAB	1/25/19 09:20
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	TAB	1/25/19 10:45		TAB	1/29/19 10:45
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

2.3 #1

Login Sample Receipt Checklist

Client: Benchmark Env. Eng. & Science, PLLC

Job Number: 480-148428-1

Login Number: 148428

List Source: TestAmerica Buffalo

List Number: 1

Creator: Stopa, Erik S

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	BENCHMARK
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

APPENDIX 3:
FIELD LOGS

LaBella
Powered by partnership.

300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

145 Ganson Street - Remedial Investiagation

BORING: SB - 22
SHEET 1 of 1
JOB: 2223573
CHKD BY:
DATE: 9/6/2022

CONTRACTOR: LaBella Env. LLC
DRILLER: M. Pepe
LABELLA REPRESENTATIVE: A. Koons
BORING LOCATION:
GROUND SURFACE ELEVATION 580.95
START DATE:
TIME: ___ TO ___
DATUM: AMSL
WEATHER:

TYPE OF DRILL RIG: Geoprobe 7822
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE: Macrocore
INSIDE DIAMETER: 2"
OTHER:

DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)			
0 1 2 3 4	45"	0-5'		0-0.5': Concrete 0.5-4.0': Gravel (fill) 4.0-4.5': Gray sand with trace gravel, trace silt (fill) 4.5-10.5': Gray-brown clayey silt with some sand, trace coal (8-10') (fill)	0 ppm	
5 6 7 8 9	6" Low Recovery	5-10'			0 ppm	
10 11 12 13 14	60"	10-15'		10.5-13.5': Brown-gray clayey silt with little sand 13.5-16.0': Gray silty clay with trace sand	0 ppm	Wet @~10'
15	No Recovery	15-16'			0 ppm on macro core	
16 17 18 19 20				Boring Terminated at 16.0'		

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	Fill matieral to ~10 ft bgs
				16	10	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

BORING: SB - 22

LaBella
Powered by partnership.

300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

145 Ganson Street - Remedial Investiagation

BORING: SB - 23
SHEET 1 of 1
JOB: 2223573
CHKD BY:
DATE: 9/6/2022

CONTRACTOR: LaBella Env. LLC
DRILLER: M. Pepe
LABELLA REPRESENTATIVE: A. Koons
BORING LOCATION:
GROUND SURFACE ELEVATION 580.95
START DATE:
TIME: ___ TO ___
DATUM: AMSL
WEATHER:

TYPE OF DRILL RIG: Geoprobe 7822
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE: Macrocore
INSIDE DIAMETER: 2"
OTHER:

DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)			
0 1 2 3 4	30"	0-5'		0-0.5': Concrete 0.5-5.0': Gravel (fill)	0 ppm	
5 6 7 8 9	35"	5-10'		5.0-8.0': Brown sand with little silt, trace wood (fill) 8.0-11.0': Brown-gray silty clay with little sand	0 ppm	
10 11 12 13 14	50"	10-15'		11.0-15.0': Gray silt with little sand	0 ppm	Wet @~10'
15 16 17 18 19 20				Boring Terminated at 15.0'		

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	Fill material to ~8 ft bgs
				15	10	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

BORING: SB - 23

LaBella
Powered by partnership.

300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

145 Ganson Street - Remedial Investiagation

BORING: SB - 24
SHEET 1 of 1
JOB: 2223573
CHKD BY:
DATE: 9/6/2022

CONTRACTOR: LaBella Env. LLC
DRILLER: M. Pepe
LABELLA REPRESENTATIVE: A. Koons
BORING LOCATION:
GROUND SURFACE ELEVATION 582.52
START DATE:
TIME: ___ TO ___
DATUM: AMSL
WEATHER:

TYPE OF DRILL RIG: Geoprobe 7822
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE: Macrocore
INSIDE DIAMETER: 2"
OTHER:

DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)			
0 1 2 3 4	30"	0-5'		0-0.4': Concrete 0.4-4.5': Dark brown sand and gravel with trace silt (fill) 4.5-8.0': Dark brown to brown clayey silt with some sand	0 ppm	Wet @~6.5'
5 6 7 8 9	35"	5-10'		8.0-15.0': Brown-gray silty clay with trace sand	0 ppm	
10 11 12 13 14	40"	10-15'			0 ppm	
15 16 17 18 19 20				Boring Terminated at 15.0'		

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	Fill material to ~4.5 ft bgs
				15	6.5	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

BORING: SB - 24

LaBella
Powered by partnership.

300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

145 Ganson Street - Remedial Investiagation

BORING: SB - 25
SHEET 1 of 1
JOB: 2223573
CHKD BY:
DATE: 9/6/2022

CONTRACTOR: LaBella Env. LLC
DRILLER: M. Pepe
LABELLA REPRESENTATIVE: A. Koons
BORING LOCATION:
GROUND SURFACE ELEVATION 582.52
START DATE:
TIME: ___ TO ___
DATUM: AMSL
WEATHER:

TYPE OF DRILL RIG: Geoprobe 7822
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE: Macrocore
INSIDE DIAMETER: 2"
OTHER:

DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)			
0	35"	0-5'		0-0.4': Concrete 0.4-1.5': Dark brown-black gravel (black staining) (fill)	0 ppm	
1					0.4 ppm	
2				1.5-6.3' Gray silty clay with trace sand (black staining)	3.7 ppm	
3					26.5 ppm	
4					49.8 ppm	wet @~4.0'
5	12"	5-6.3'			46.5 ppm	
6				contains trace wood	55.8 ppm	
7				Boring Terminated at 6.3' Equpiment refusal on wood		
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	Fill material to ~1.5 ft bgs
				6.3	4	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

BORING: SB - 25

LaBella
Powered by partnership.

300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

145 Ganson Street - Remedial Investiagation

BORING:	SB - 26/MW-08
SHEET	1 of 1
JOB:	2223573
CHKD BY:	
DATE:	9/7/2022

CONTRACTOR:	LaBella Env. LLC	BORING LOCATION:		TIME:	___ TO ___
DRILLER:	M. Pepe	GROUND SURFACE ELEVATION	579.39	DATUM:	AMSL
LABELLA REPRESENTATIVE:	A. Koons	START DATE:		WEATHER:	

TYPE OF DRILL RIG: Geoprobe 7822	DRIVE SAMPLER TYPE: Macrocore
AUGER SIZE AND TYPE: NA	INSIDE DIAMETER: 2"
OVERBURDEN SAMPLING METHOD: Direct Push	OTHER:

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0 1 2 3 4	40"	0-5'		0-4.0': Sand and gravel (fill) 4.0-8.0': Red-brown sand with trace gravel (fill) contains wood	0 ppm	
5 6 7 8 9	30"	5-10'		8.0-16.0': Brown sand with trace gravel, silt and wood	0 ppm	
10 11 12 13 14	5" Low recovery	10-15'			0 ppm	Wet @~10'
15	No Recovery	15-16'			0 ppm on macro core	
16 17 18 19 20				Boring Terminated at 16.0'		

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	MW-08 installed at this location Fill material to ~8 ft bgs
				16	10	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface	and = 35 - 50%	C = Coarse	R = Rounded
NA = Not Applicable	some = 20 - 35%	M = Medium	A = Angular
	little = 10 - 20%	F = Fine	SR = Subrounded
	trace = 1 - 10%	VF = Very Fine	SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

145 Ganson Street - Remedial Investiagation

BORING:	SB - 27/MW-07
SHEET	1 of 1
JOB:	2223573
CHKD BY:	
DATE:	9/7/2022

CONTRACTOR:	LaBella Env. LLC	BORING LOCATION:		TIME:	___ TO ___
DRILLER:	M. Pepe	GROUND SURFACE ELEVATION	580.87	DATUM:	AMSL
LABELLA REPRESENTATIVE:	A. Koons	START DATE:		WEATHER:	

TYPE OF DRILL RIG: Geoprobe 7822	DRIVE SAMPLER TYPE: Macrocore
AUGER SIZE AND TYPE: NA	INSIDE DIAMETER: 2"
OVERBURDEN SAMPLING METHOD: Direct Push	OTHER:

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0	48"	0-5'		0-3.0': Brown sand and gravel with brick and slag (fill)	0 ppm	
1						
2						
3				3.0-16.0': Brown clayey silt with little sand	5.5 ppm	
4					0 ppm	
5	30"	5-10'			0 ppm	
6						
7						
8						
9				contains sandy partings		
10	60"	10-15'			0 ppm	Wet @~10'
11						
12						
13						
14						
15	10"	15-16'			0 ppm	
16				Boring Terminated at 16.0'		
17						
18						
19						
20						

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	MW-07 installed at this location Fill material to ~3 ft bgs
				16	10	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface	and = 35 - 50%	C = Coarse	R = Rounded
NA = Not Applicable	some = 20 - 35%	M = Medium	A = Angular
	little = 10 - 20%	F = Fine	SR = Subrounded
	trace = 1 - 10%	VF = Very Fine	SA = Subangular

BORING: SB - 27/M

LaBella
Powered by partnership.

300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

145 Ganson Street - Remedial Investiagation

BORING:	SB - 28/MW-06
SHEET	1 of 1
JOB:	2223573
CHKD BY:	
DATE:	9/7/2022

CONTRACTOR:	LaBella Env. LLC	BORING LOCATION:		TIME:	___ TO ___
DRILLER:	M. Pepe	GROUND SURFACE ELEVATION	579.20	DATUM:	AMSL
LABELLA REPRESENTATIVE: A. Koons		START DATE:		WEATHER:	

TYPE OF DRILL RIG: Geoprobe 7822	DRIVE SAMPLER TYPE: Macrocore
AUGER SIZE AND TYPE: NA	INSIDE DIAMETER: 2"
OVERBURDEN SAMPLING METHOD: Direct Push	OTHER:

DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)			
0	24"	0-5'		0-0.5': Gravel 0.5-3.0': Dark brown sand and gravel with trace silt and masonry (fill) 3.0-5.0': Red-brown silt with some sand and gravel (possible fill)	0 ppm	
5	50"	5-10'		5.0-11.0': Brown-gray clayey silt with some sand and gravel	0 ppm	wet @~ 9.0'
10	26"	10-15'		11.0-15.0': Gray clayey silt with little sand, trace gravel	0 ppm	
15				Boring Terminated at 15.0'		

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	MW-06 installed at this location Fill material to ~ 5 ft bgs
				15	9	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface	and = 35 - 50%	C = Coarse	R = Rounded
NA = Not Applicable	some = 20 - 35%	M = Medium	A = Angular
	little = 10 - 20%	F = Fine	SR = Subrounded
	trace = 1 - 10%	VF = Very Fine	SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

145 Ganson Street - Remedial Investiagation

BORING:	SB - 29/MW-05
SHEET	1 of 1
JOB:	2223573
CHKD BY:	
DATE:	9/7/2022

CONTRACTOR:	LaBella Env. LLC	BORING LOCATION:		TIME:	___ TO ___
DRILLER:	M. Pepe	GROUND SURFACE ELEVATION	582.07	DATUM:	AMSL
LABELLA REPRESENTATIVE: A. Koons		START DATE:		WEATHER:	

TYPE OF DRILL RIG: Geoprobe 7822	DRIVE SAMPLER TYPE: Macrocore
AUGER SIZE AND TYPE: NA	INSIDE DIAMETER: 2"
OVERBURDEN SAMPLING METHOD: Direct Push	OTHER:

DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)			
0 1 2 3 4	28"	0-5'		0-4.5': Dark brown sand and gravel with ahspahlt and trace silt (fill)	0 ppm	wet @~ 10.0'
5 6 7 8 9	60"	5-10'		4.5-9.0': Brown silty clay with trace sand 9.0-15.0': Olive-brown clayey silt with trace sand	0 ppm	
10 11 12 13 14	60"	10-15'		becomes gray	0 ppm	
15 16 17 18 19 20				Boring Terminated at 15.0'		

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	MW-05 installed at this location Fill material to ~4.5 ft bgs
				15	10	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

145 Ganson Street - Remedial Investiagation

BORING:	SB - 30/MW-04
SHEET	1 of 1
JOB:	2223573
CHKD BY:	
DATE:	9/8/2022

CONTRACTOR:	LaBella Env. LLC	BORING LOCATION:		TIME:	___ TO ___
DRILLER:	M. Pepe	GROUND SURFACE ELEVATION	582.24	DATUM:	AMSL
LABELLA REPRESENTATIVE:	A. Koons	START DATE:		WEATHER:	

TYPE OF DRILL RIG: Geoprobe 7822	DRIVE SAMPLER TYPE: Macrocore
AUGER SIZE AND TYPE: NA	INSIDE DIAMETER: 2"
OVERBURDEN SAMPLING METHOD: Direct Push	OTHER:

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0 1 2 3 4	20"	0-5'		0-5.0': Gravel (fill)	0 ppm	
5 6 7 8 9	45"	5-10'		5.0-8.0': Brown-gray sand with some gravel (fill) 8.0-15.0': Brown-gray clayey silt with little sand	0 ppm	wet @~6.0'
10 11 12 13 14	10" Low recovery	10-15'			0 ppm	
15 16 17 18 19 20				Boring Terminated at 15.0'		

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	MW-04 installed at this location Fill material to ~6 ft bgs
				15	6	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface	and = 35 - 50%	C = Coarse	R = Rounded
NA = Not Applicable	some = 20 - 35%	M = Medium	A = Angular
	little = 10 - 20%	F = Fine	SR = Subrounded
	trace = 1 - 10%	VF = Very Fine	SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

145 Ganson Street - Remedial Investiagation

BORING: SB - 31/MW-03
SHEET 1 of 1
JOB: 2223573
CHKD BY:
DATE: 9/8/2022

CONTRACTOR: LaBella Env. LLC
DRILLER: M. Pepe
LABELLA REPRESENTATIVE: A. Koons
BORING LOCATION:
GROUND SURFACE ELEVATION 581.38
START DATE:
TIME: ___ TO ___
DATUM: AMSL
WEATHER:

TYPE OF DRILL RIG: Geoprobe 7822
AUGER SIZE AND TYPE: NA
OVERBURDEN SAMPLING METHOD: Direct Push
DRIVE SAMPLER TYPE: Macrocore
INSIDE DIAMETER: 2"
OTHER:

DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)			
0 1 2 3 4	36"	0-5'		0-0.5': Topsoil 0.5-2.0': Black sand and gravel with ash (fill) 2.0-15.0': Brown silty clay with orgaincs	0 ppm	
5 6 7 8 9	60"	5-10'			0 ppm	wet @~9.0'
10 11 12 13 14	12" Low recovery	10-15'		contains more organics	0 ppm 0.5 ppm	suspect petro odor
15 16 17 18 19 20				Boring Terminated at 15.0'		

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	MW-03 installed at this location Fill material to ~2 ft bgs
				15	9	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

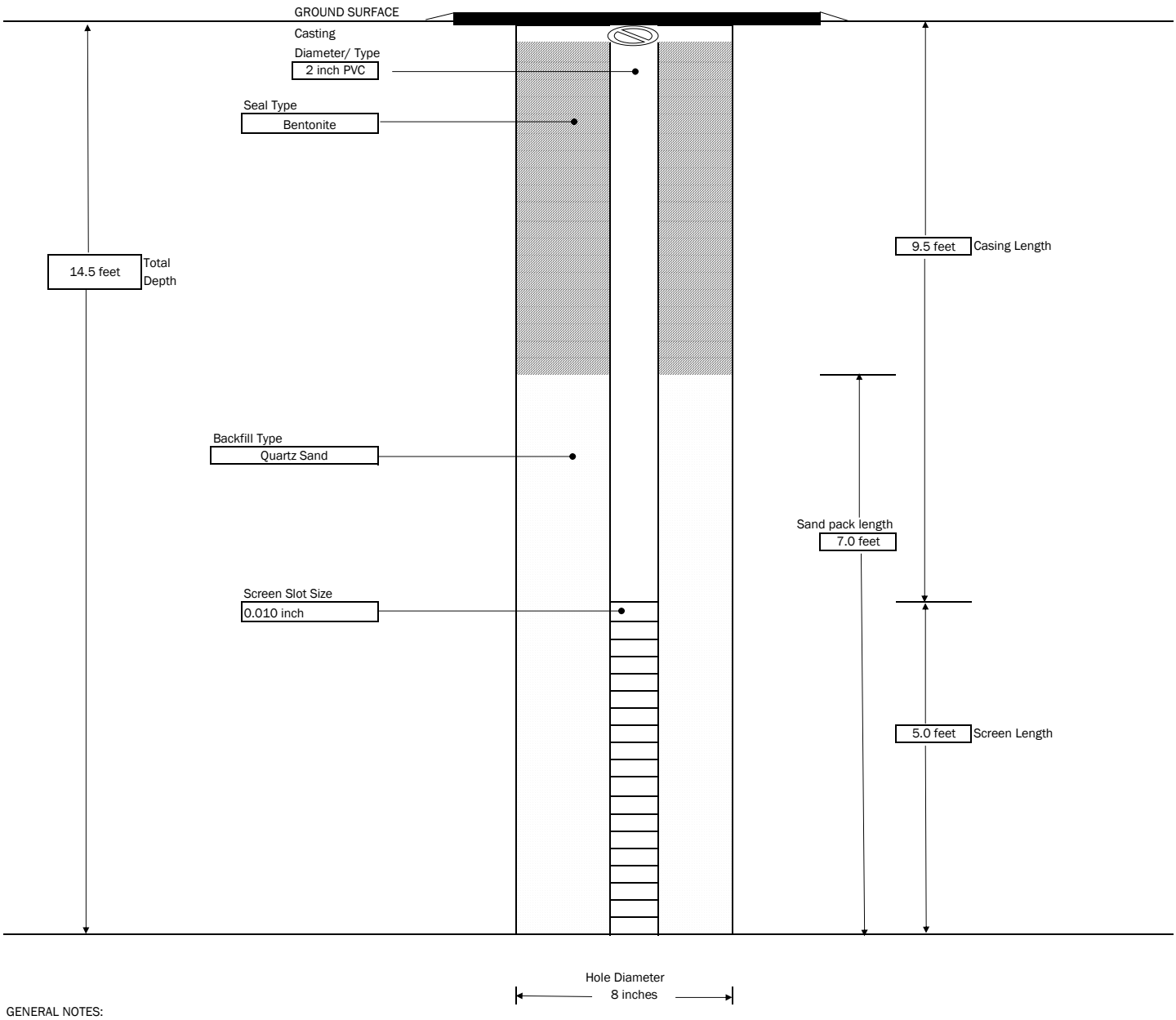
BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella Powered by partnership. 300 PEARL STREET, BUFFALO, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	**PROJECT** 145 Ganson Street - Remedial Investigation	**MONITORING WELL :** MW-03 **BORING LOCATION :** SB-31 **SHEET** 1 OF 1 **JOB #** 2223573
CONTRACTOR: LaBella Environmental LLC DRILLER: M. Pepe LABELLA REPRESENTATIVE: A. Koons	START TIME: END TIME: GROUND SURFACE ELEVATION: 581.38 DATUM: AMSL	TYPE OF DRILL RIG: Geoprobe 7822 AUGER SIZE AND TYPE: 4 1/4" ID OVERBURDEN SAMPLING METHOD: Macrocore

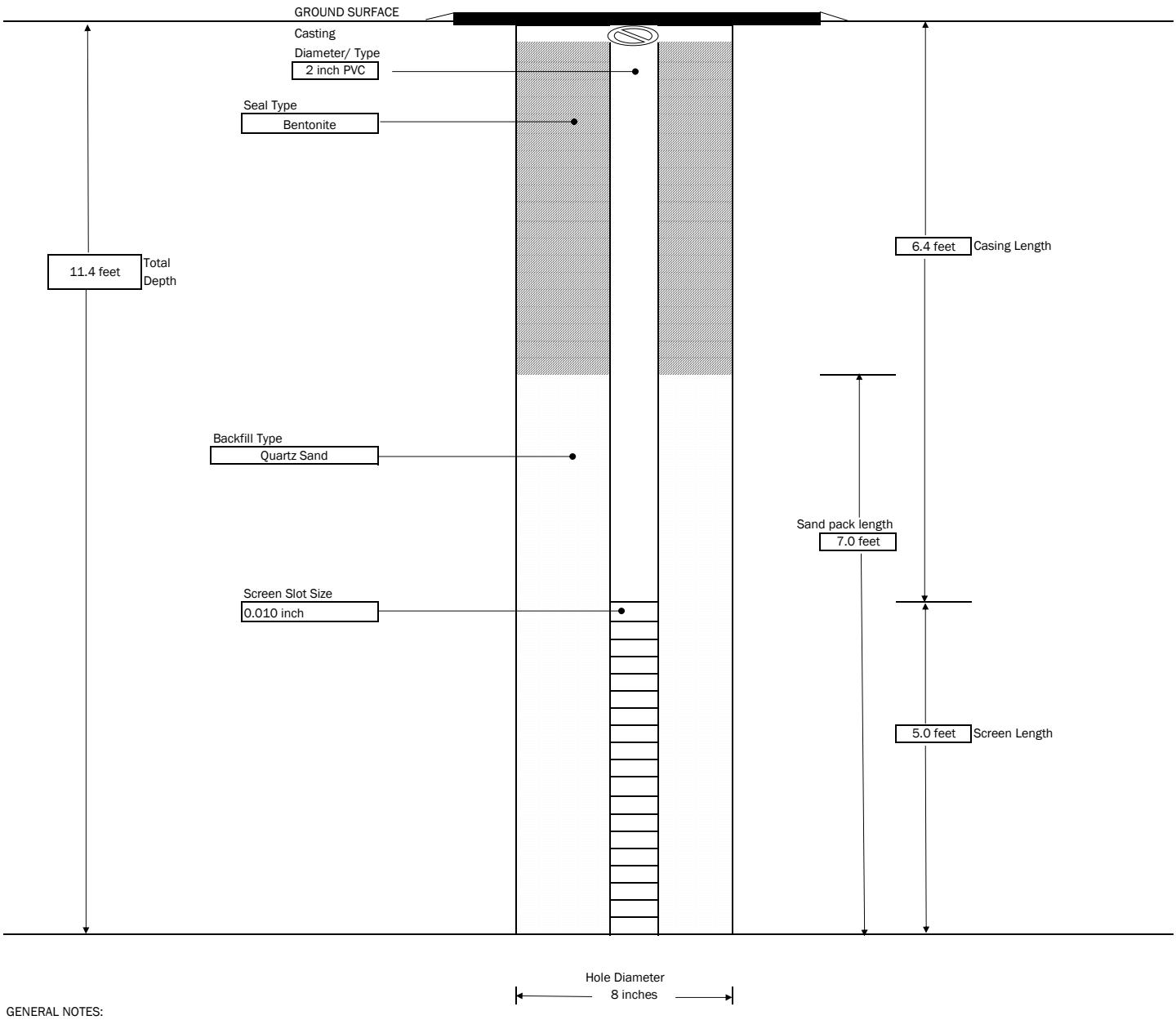


GENERAL NOTES:

1) NOT TO SCALE
2) DEPTHS ARE APPROXIMATE

LaBella Powered by partnership. 300 PEARL STREET, BUFFALO, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	**PROJECT** 145 Ganson Street - Remedial Investigation	**MONITORING WELL :** MW-04 **BORING LOCATION :** SB-30 **SHEET** 1 OF 1 **JOB #** 2223573

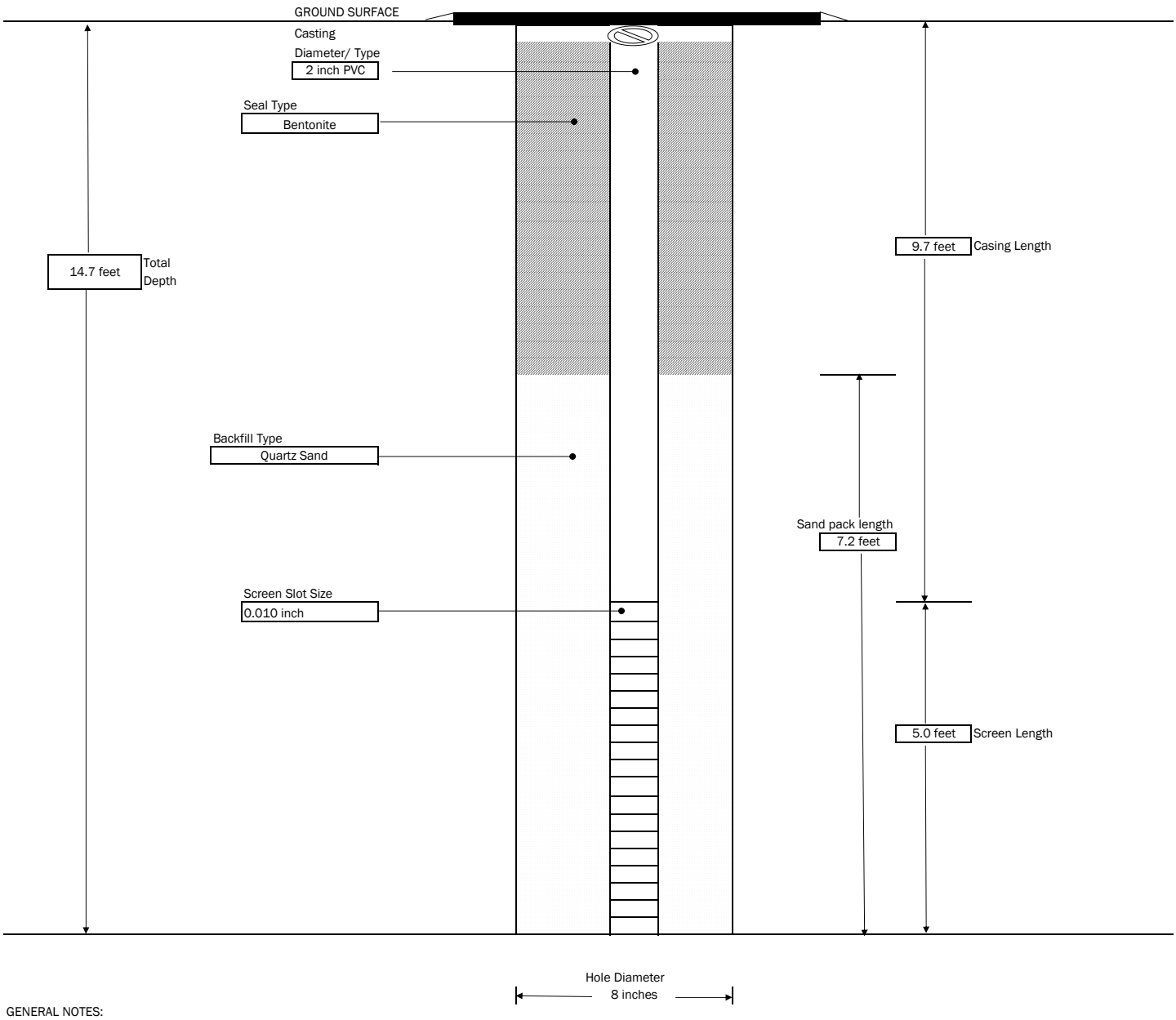
CONTRACTOR:	LaBella Environmental LLC			TYPE OF DRILL RIG:	Geoprobe 7822
DRILLER:	M. Pepe	START TIME:	END TIME:	AUGER SIZE AND TYPE:	4 1/4" ID
LABELLA REPRESENTATIVE:	A. Koons	GROUND SURFACE ELEVATION: 582.24	DATUM: AMSL	OVERBURDEN SAMPLING METHOD:	Macrocore



GENERAL NOTES:

1) NOT TO SCALE
2) DEPTHS ARE APPROXIMATE

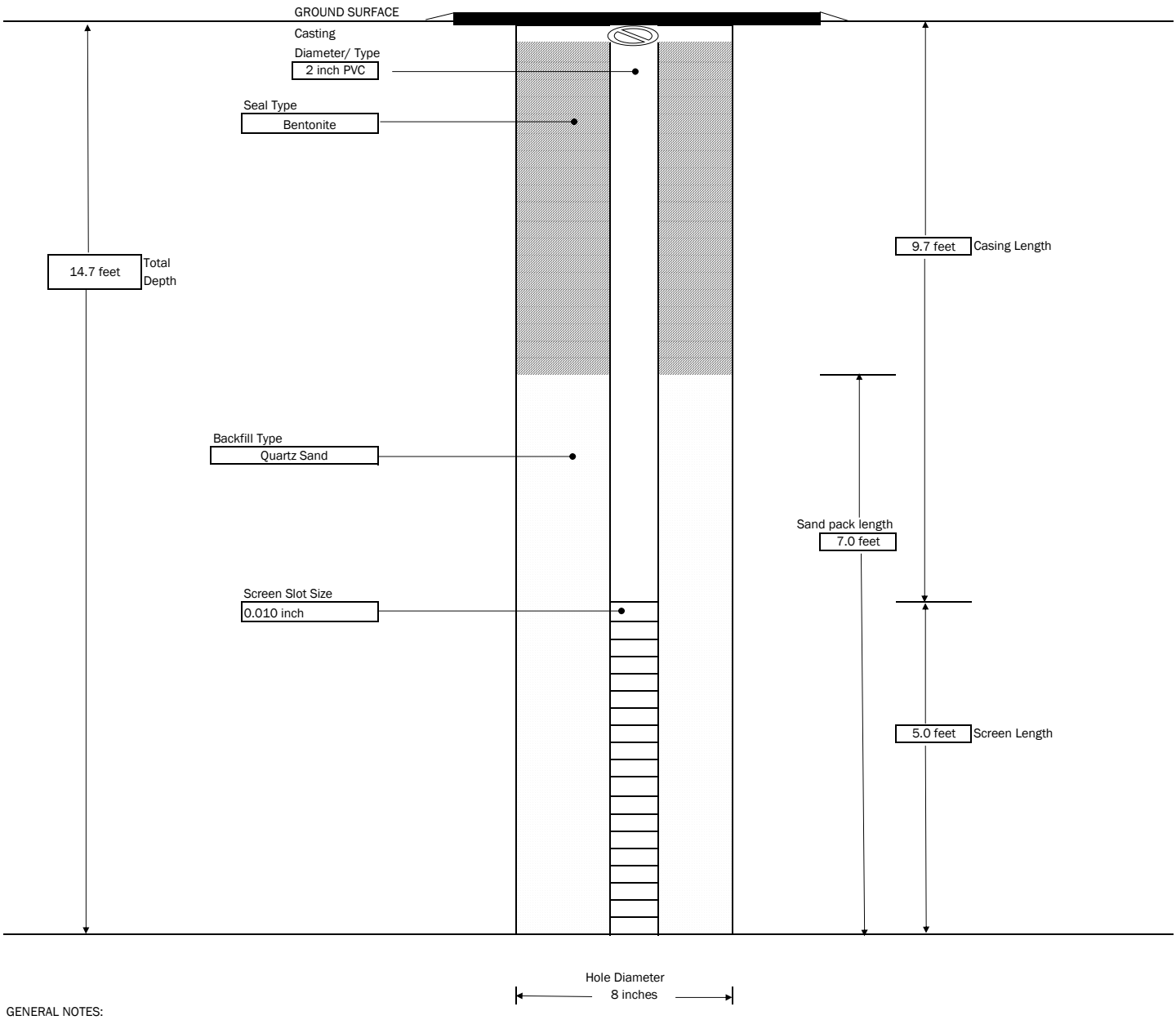
LaBella Powered by partnership. 300 PEARL STREET, BUFFALO, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	**PROJECT** 145 Ganson Street - Remedial Investigation	**MONITORING WELL :** MW-05 **BORING LOCATION :** SB-29 **SHEET** 1 OF 1 **JOB #** 2223573
CONTRACTOR: LaBella Environmental LLC DRILLER: M. Pepe LABELLA REPRESENTATIVE: A. Koons	START TIME: END TIME: GROUND SURFACE ELEVATION: 582.07 DATUM: AMSL	TYPE OF DRILL RIG: Geoprobe 7822 AUGER SIZE AND TYPE: 4 1/4" ID OVERBURDEN SAMPLING METHOD: Macrocore



GENERAL NOTES:

1) NOT TO SCALE
2) DEPTHS ARE APPROXIMATE

LaBella Powered by partnership. 300 PEARL STREET, BUFFALO, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	**PROJECT** 145 Ganson Street - Remedial Investigation	**MONITORING WELL :** MW-06 **BORING LOCATION :** SB-28 **SHEET** 1 OF 1 **JOB #** 2223573
CONTRACTOR: LaBella Environmental LLC DRILLER: M. Pepe LABELLA REPRESENTATIVE: A. Koons	START TIME: END TIME: GROUND SURFACE ELEVATION: 579.20 DATUM: AMSL	TYPE OF DRILL RIG: Geoprobe 7822 AUGER SIZE AND TYPE: 4 1/4" ID OVERBURDEN SAMPLING METHOD: Macrocore

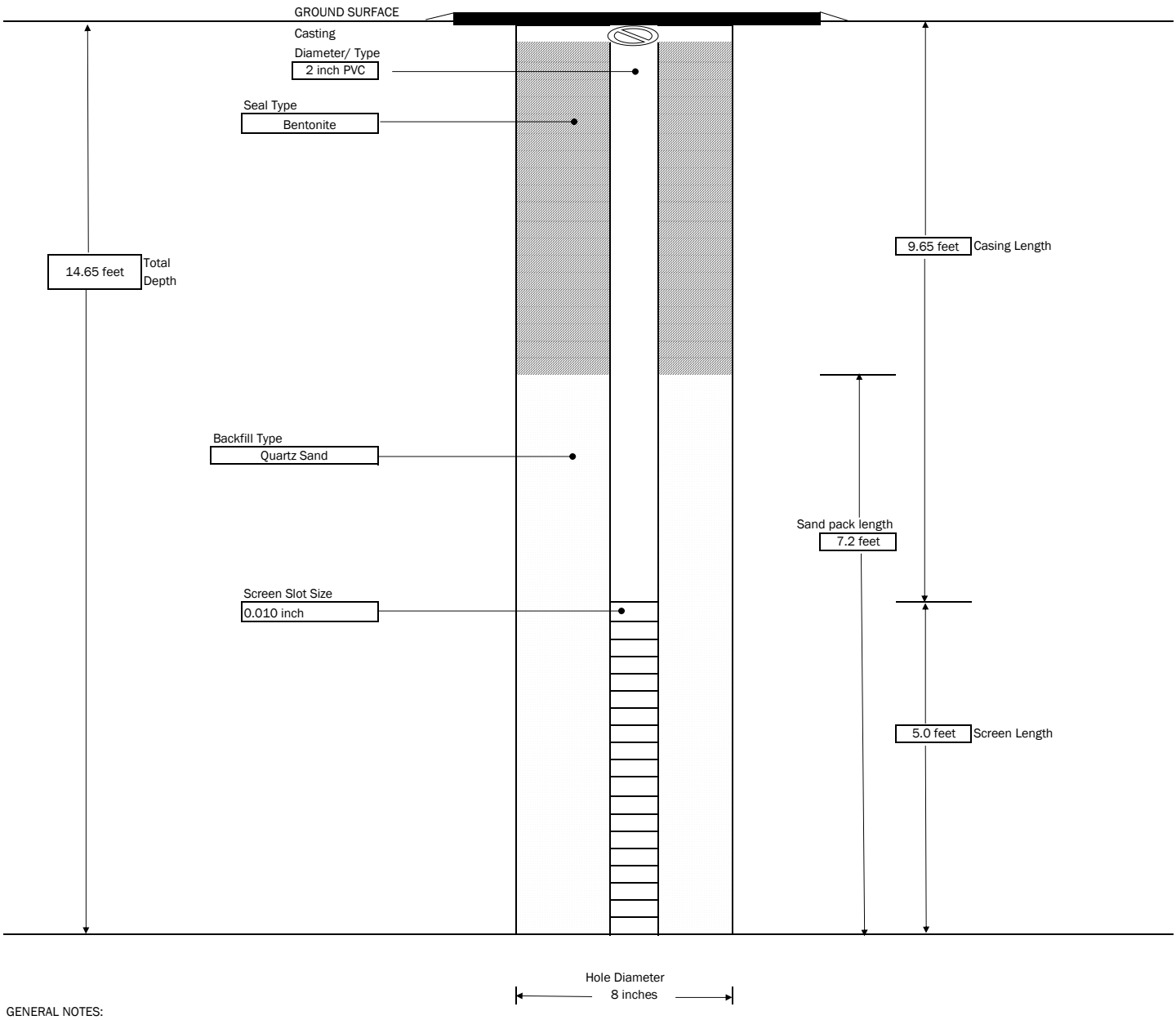


GENERAL NOTES:

1) NOT TO SCALE
2) DEPTHS ARE APPROXIMATE

LaBella Powered by partnership. 300 PEARL STREET, BUFFALO, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	**PROJECT** 145 Ganson Street - Remedial Investigation	**MONITORING WELL :** MW-07 **BORING LOCATION :** SB-27 **SHEET** 1 OF 1 **JOB #** 2223573

CONTRACTOR:	LaBella Environmental LLC			TYPE OF DRILL RIG:	Geoprobe 7822
DRILLER:	M. Pepe	START TIME:	END TIME:	AUGER SIZE AND TYPE:	4 1/4" ID
LABELLA REPRESENTATIVE:	A. Koons	GROUND SURFACE ELEVATION: 580.87	DATUM: AMSL	OVERBURDEN SAMPLING METHOD:	Macrocore

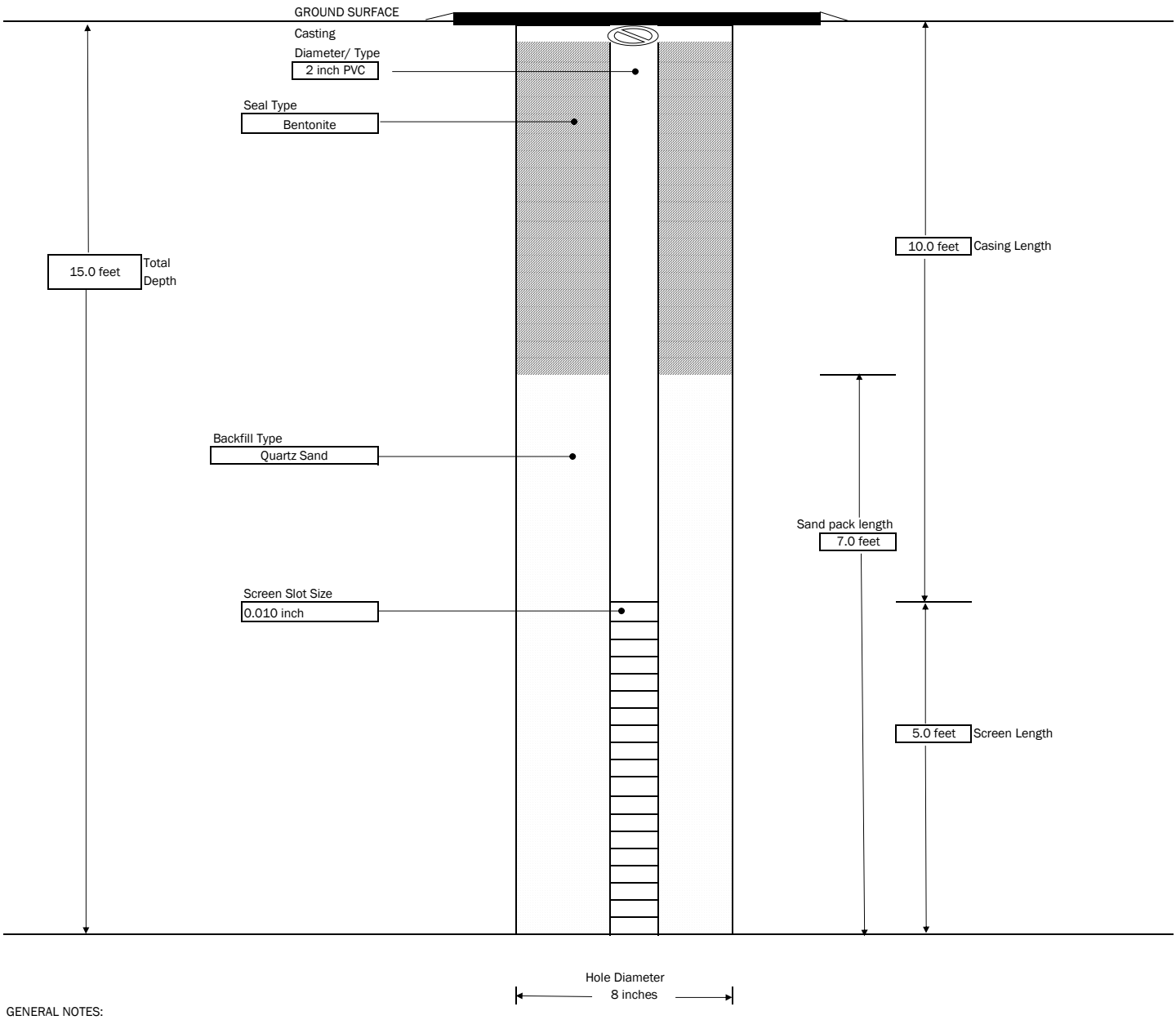


GENERAL NOTES:

1) NOT TO SCALE
2) DEPTHS ARE APPROXIMATE

LaBella Powered by partnership. 300 PEARL STREET, BUFFALO, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	**PROJECT** 145 Ganson Street - Remedial Investigation	**MONITORING WELL :** MW-08 **BORING LOCATION :** SB-26 **SHEET** 1 OF 1 **JOB #** 2223573

CONTRACTOR:	LaBella Environmental LLC			TYPE OF DRILL RIG:	Geoprobe 7822
DRILLER:	M. Pepe	START TIME:	END TIME:	AUGER SIZE AND TYPE:	4 1/4" ID
LABELLA REPRESENTATIVE:	A. Koons	GROUND SURFACE ELEVATION: 579.39	DATUM: AMSL	OVERBURDEN SAMPLING METHOD:	Macrocore



GENERAL NOTES:

1) NOT TO SCALE
2) DEPTHS ARE APPROXIMATE

LaBella
Powered by partnership.

300 PEARL STREET, Ste. 130, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
145 Ganson Street
Location:
Buffalo, NY

TEST PIT: TP-1
SHEET 1 OF 1
JOB:
CHKD BY:
DATE: 9/27/2022

CONTRACTOR: Environmental Service Group
OPERATOR: Glenn Caverly
LABELLA REPRESENTATIVE: A. Janik

TEST PIT LOCATION: North Portion of Site
GROUND SURFACE ELEVATION NA

WEATHER: Rain, ~55
TYPE OF EQUIPMENT: Excavator

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0 1 2	Sample Taken	0-3'	Black granular material (suspect petroleum-type odor) (fill)	0.0	
3 4 5		3-6'	Brown moist silty clay	41.9	
6 7 8 9 10		6-11'	Olive moist-wet silt	0.0	
11 12 13		11-14'	Olive moist-wet silty clay	0.0	
14 15 16 17 18 19 20 21 22 23 24 25			Excavation ceased @ 14 ft bgs		

WATER LEVEL DATA		
DATE	TIME	ELAPSED TIME
NA	NA	NA

DEPTH (ft bgs)	
BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED
14	6

Notes:
Fill material to ~3 ft bgs
Suspect petorluem-type odor 0-3 ft bgs

GENERAL NOTES
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, Ste. 130, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
145 Ganson Street
Location:
Buffalo, NY

TEST PIT: TP-2
SHEET 1 OF 1
JOB:
CHKD BY:
DATE: 9/27/2022

CONTRACTOR: Environmental Service Group
OPERATOR: Glenn Caverly
LABELLA REPRESENTATIVE: A. Janik

TEST PIT LOCATION: North Portion of Site
GROUND SURFACE ELEVATION NA

WEATHER: Rain, ~55
TYPE OF EQUIPMENT: Excavator

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0 1 2	Sample Taken	0-3'	Black granular material (fill)	0.0	
3 4		3-5'	Brown intermittent silty clay	1.2	
5 6 7 8 9		5-10'	Olive moist-wet silt	0.0	
10 11 12 13 14		10-15'	Olive moist-wet silty clay	0.0	
15 16 17 18 19 20 21 22 23 24 25			Excavation ceased @ 15 ft bgs		

WATER LEVEL DATA			DEPTH (FT)		Notes:
DATE	TIME	ELAPSED TIME	BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED	Fill material to ~3 ft bgs
NA	NA	NA	15	5	

GENERAL NOTES
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, Ste. 130, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
145 Ganson Street
Location:
Buffalo, NY

TEST PIT: TP-3
SHEET 1 OF 1
JOB:
CHKD BY:
DATE: 9/27/2022

CONTRACTOR: Environmental Service Group
OPERATOR: Glenn Caverly
LABELLA REPRESENTATIVE: A. Janik

TEST PIT LOCATION: North Portion of Site
GROUND SURFACE ELEVATION NA

WEATHER: Rain, ~55
TYPE OF EQUIPMENT: Excavator

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0 1 2	Sample Taken	0-3'	Black granular material (fill)	0.0	
3 4		3-5'	Intermittent brown silty clay	0.0	
5 6 7 8 9 10		5-11'	Olive moist-wet silt	0.0	
11 12 13 14		11-15'	Olive moist-wet silty clay	0.0	
15 16 17 18 19 20 21 22 23 24 25			Excavation ceased @ 15 ft bgs		

WATER LEVEL DATA			DEPTH (FT)		Notes:
DATE	TIME	ELAPSED TIME	BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED	Fill material to ~3 ft bgs
NA	NA	NA	15	5	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, Ste. 130, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
145 Ganson Street
Location:
Buffalo, NY

TEST PIT: TP-4
SHEET 1 OF 1
JOB:
CHKD BY:
DATE: 9/27/2022

CONTRACTOR: Environmental Service Group
OPERATOR: Glenn Caverly
LABELLA REPRESENTATIVE: A. Janik

TEST PIT LOCATION: North Portion of Site
GROUND SURFACE ELEVATION NA

WEATHER: Rain, ~55
TYPE OF EQUIPMENT: Excavator

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0 1		0-2'	Construction and demolition material (fill)	0.0	
2	Sample Taken	2-3'	Fill, black granular material (fill)	0.0	
3 4		3-5'	Intermittent brown silty clay	0.0	
5 6 7 8 9		5-10'	Olive moist-wet silt	0.0	
10 11 12 13 14		10-15'	Moist-wet silty clay with tan silt lensing	0.0	
15 16 17 18 19 20 21 22 23 24 25			Excavation ceased @ 15 ft bgs		

WATER LEVEL DATA			DEPTH (FT)		Notes:
DATE	TIME	ELAPSED TIME	BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED	Fill material to ~3 ft bgs
NA	NA	NA	15	3	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, Ste. 130, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
145 Ganson Street
Location:
Buffalo, NY

TEST PIT: TP-5
SHEET 1 OF 1
JOB:
CHKD BY:
DATE: 9/27/2022

CONTRACTOR: Environmental Service Group
OPERATOR: Glenn Caverly
LABELLA REPRESENTATIVE: A. Janik

TEST PIT LOCATION: North Portion of Site
GROUND SURFACE ELEVATION NA

WEATHER: Rain, ~55
TYPE OF EQUIPMENT: Excavator

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0 1 2 3 4	Sample Taken	0-5'	Construction and demolition material black granular sand at 4-5' (fill)	0.0	
5 6		5-7'	Brown silty clay	0.0	
7 8 9 10 11 12 13 14		7-15'	Olive wet silty clay with tan silt lensing	0.0	
15 16 17 18 19 20 22 22 23 24 25			Excavation ceased at 15 ft bgs		

WATER LEVEL DATA		
DATE	TIME	ELAPSED TIME
NA	NA	NA

DEPTH (FT)	
BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED
15	7

Notes:
Fill material to ~5 ft bgs

GENERAL NOTES
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, Ste. 130, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
145 Ganson Street
Location:
Buffalo, NY

TEST PIT: TP-6
SHEET 1 OF 1
JOB:
CHKD BY:
DATE: 9/27/2022

CONTRACTOR: Environmental Service Group
OPERATOR: Glenn Caverly
LABELLA REPRESENTATIVE: A. Janik

TEST PIT LOCATION: North Portion of Site
GROUND SURFACE ELEVATION NA

WEATHER: Rain, ~55
TYPE OF EQUIPMENT: Excavator

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0 1 2	Sample Taken	0-3'	Brick and black granular sand (slight suspect petroleum-type odor) (Fill)	1.7	
3 4 5 6		3-7'	Olive moist silt	0.0	
7 8 9 10 11 12 13		7-14'	Olive moist-wet silty clay with tan silt lensing	0.0	
14 15 16 17 18 19 20 21 22 23 24 25			Excavation ceased @ 14 ft bgs		

WATER LEVEL DATA			DEPTH (FT)		Notes:
DATE	TIME	ELAPSED TIME	BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED	Fill material to ~3 ft bgs Slight suspect petroleum-type odor 0-3 ft bgs
NA	NA	NA	14	7	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, Ste. 130, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
145 Ganson Street
Location:
Buffalo, NY

TEST PIT: TP-7
SHEET 1 OF 1
JOB:
CHKD BY:
DATE: 9/27/2022

CONTRACTOR: Environmental Service Group
OPERATOR: Glenn Caverly
LABELLA REPRESENTATIVE: A. Janik

TEST PIT LOCATION: North Portion of Site
GROUND SURFACE ELEVATION NA

WEATHER: Rain, ~55
TYPE OF EQUIPMENT: Excavator

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0		0-2'	Brick, pavement, and black sand with wood (fill)	0.0	
1	Sample Taken				
2		2-6'	Olive wet silt	0.0	
3					
4					
5					
6		6-10'	Olive moist-wet silty clay with tan silt lensing	0.0	
7					
8					
9					
10			Excavation ceased @ 10 ft bgs due to groundwater infiltration		
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

WATER LEVEL DATA			DEPTH (FT)		Notes:
DATE	TIME	ELAPSED TIME	BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED	Fill to material ~2 ft bgs Excavation ceased due to groundwater infiltration
NA	NA	NA	10	2	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, Ste. 130, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
145 Ganson Street
Location:
Buffalo, NY

TEST PIT: TP-8
SHEET 1 OF 1
JOB:
CHKD BY:
DATE: 9/27/2022

CONTRACTOR: Environmental Service Group
OPERATOR: Glenn Caverly
LABELLA REPRESENTATIVE: A. Janik

TEST PIT LOCATION: North Portion of Site
GROUND SURFACE ELEVATION NA

WEATHER: Rain, ~55
TYPE OF EQUIPMENT: Excavator

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0 1 2 3 4 5	Sample Taken	0-6'	Construction and demolition debris, concrete, brick, ash, black wood (fill)	0.0	
6 7 8 9		6-10'	Olive wet Silt	0.0	
10 11 12		10-13'	Olive silty clay with brown silt lensing	0.0	
13 14 15 16 17 18 19 20 21 22 23 24 25			Excavation ceased @ 13 ft bgs due to groundwater infiltration		

WATER LEVEL DATA			DEPTH (FT)		Notes:
DATE	TIME	ELAPSED TIME	BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED	Fill to material ~6 ft bgs Excavation ceased due to groundwater infiltration
NA	NA	NA	13	6	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, Ste. 130, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
145 Ganson Street
Location:
Buffalo, NY

TEST PIT: TP-9
SHEET 1 OF 1
JOB:
CHKD BY:
DATE: 9/27/2022

CONTRACTOR: Environmental Service Group
OPERATOR: Glenn Caverly
LABELLA REPRESENTATIVE: A. Janik

TEST PIT LOCATION: North Portion of Site
GROUND SURFACE ELEVATION NA

WEATHER: Rain, ~55
TYPE OF EQUIPMENT: Excavator

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0 1 2 3	Sample Taken	0-4'	Construction and demolition debris (fill)	0.0	
4 5 6 7 8 9		4-10'	Olive wet-moist silt some tan silt lensing	0.0	
10 11 12 13 14		10-15'	Olive moist silty clay	0.0	
15 16 17 18 19 20 21 22 23 24 25			Excavation ceased @ 15 ft bgs		

WATER LEVEL DATA			DEPTH (FT)		Notes:
DATE	TIME	ELAPSED TIME	BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED	Fill material to ~4 ft bgs
NA	NA	NA	15	4	

GENERAL NOTES
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, Ste. 130, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
145 Ganson Street
Location:
Buffalo, NY

TEST PIT: TP-10
SHEET 1 OF 1
JOB:
CHKD BY:
DATE: 9/27/2022

CONTRACTOR: Environmental Service Group
OPERATOR: Glenn Caverly
LABELLA REPRESENTATIVE: A. Janik

TEST PIT LOCATION: North Portion of Site
GROUND SURFACE ELEVATION NA

WEATHER: Rain, ~55
TYPE OF EQUIPMENT: Excavator

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0 1 2 3 4	Sample Taken	0-5'	Brown clay, tires, poly, brick, concrete (fill)	0.3	
5 6 7 8		5-9'	Olive wet silt	0.0	
9 10 11 12 13		9-14'	Olive wet silty clay	0.0	
14 15 16 17 18 19 20 21 22 23 24 25			Excavation ceased @ 14 ft bgs		

WATER LEVEL DATA			DEPTH (FT)		Notes:
DATE	TIME	ELAPSED TIME	BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED	Fill material to ~5 ft bgs
NA	NA	NA	14	5	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, Ste. 130, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
145 Ganson Street
Location:
Buffalo, NY

TEST PIT: TP-11
SHEET 1 OF 1
JOB:
CHKD BY:
DATE: 9/27/2022

CONTRACTOR: Environmental Service Group
OPERATOR: Glenn Caverly
LABELLA REPRESENTATIVE: A. Janik

TEST PIT LOCATION: North Portion of Site
GROUND SURFACE ELEVATION NA

WEATHER: Rain, ~55
TYPE OF EQUIPMENT: Excavator

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0 1 2 3		0-3'	Construction and demolition material, concrete, rebar, metal (fill)	0.0	
3 4	Sample Taken	3-5'	Black sand with slag, ash, wood, ans glass (fill)	0.0	
5 6 7 8 9		5-10'	Olive wet silt	0.0	
10 11 12 13 14		10-15'	Olive wet silty clay with brown silt lensing	0.0	
15 16 17 18 19 20 21 22 23 24 25			Excavation ceased @ 15 ft bgs		

WATER LEVEL DATA			DEPTH (FT)		Notes:
DATE	TIME	ELAPSED TIME	BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED	Fill material to ~5 ft bgs
NA	NA	NA	15	5	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, Ste. 130, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
145 Ganson Street
Location:
Buffalo, NY

TEST PIT: TP-12
SHEET 1 OF 1
JOB:
CHKD BY:
DATE: 9/27/2022

CONTRACTOR: Environmental Service Group
OPERATOR: Glenn Caverly
LABELLA REPRESENTATIVE: A. Janik

TEST PIT LOCATION: North Portion of Site
GROUND SURFACE ELEVATION NA

WEATHER: Rain, ~55
TYPE OF EQUIPMENT: Excavator

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0 1 2 3	Sample Taken	0-4'	Black sand with slag, ash, wood, and glass (fill)	0.1	
4 5 6		4-7'	Olive wet silt	0.0	
7 8 9 10 11 12 13		7-14'	Olive wet silt to olive silty clay	0.0	
14 15 16 17 18 19 20 21 22 23 24 25			Excavation ceased @ 14 ft bgs		

WATER LEVEL DATA			DEPTH (FT)		Notes:
DATE	TIME	ELAPSED TIME	BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED	Fill material to ~4 ft bgs
NA	NA	NA	14	4	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, Ste. 130, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
145 Ganson Street
Location:
Buffalo, NY

TEST PIT: TP-13
SHEET 1 OF 1
JOB:
CHKD BY:
DATE: 9/27/2022

CONTRACTOR: Environmental Service Group
OPERATOR: Glenn Caverly
LABELLA REPRESENTATIVE: A. Janik

TEST PIT LOCATION: North Portion of Site
GROUND SURFACE ELEVATION NA

WEATHER: Rain, ~55
TYPE OF EQUIPMENT: Excavator

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0		0-1'	Gravel (fill)	0.0	
1		1-2'	Black sand (fill)	0.0	
2	Sample Taken	2-6'	Olive wet-moist silt	0.0	
3					
4					
5					
6		6-13'	Olive wet-moist silty clay with tan mottling	0.0	
7					
8					
9					
10					
11					
12					
13			Excavation ceased @ 13 ft bgs		
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

WATER LEVEL DATA		
DATE	TIME	ELAPSED TIME
NA	NA	NA

DEPTH (FT)	
BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED
13	2

Notes:
Fill material to ~2 ft bgs

GENERAL NOTES
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, Ste. 130, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
145 Ganson Street
Location:
Buffalo, NY

TEST PIT: TP-14
SHEET 1 OF 1
JOB:
CHKD BY:
DATE: 9/27/2022

CONTRACTOR: Environmental Service Group
OPERATOR: Glenn Caverly
LABELLA REPRESENTATIVE: A. Janik

TEST PIT LOCATION: South Portion of Site
GROUND SURFACE ELEVATION NA

WEATHER: Rain, ~55
TYPE OF EQUIPMENT: Excavator

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0 1 2 3 4	Sample Taken	0-5'	Red sand with black layers (fill)	0.0	
5 6		5-7'	Olive moist-wet silt	0.0	
7 8 9 10 11 12 13		7-14'	Olive moist-wet silty clay some tan mottling	0.0	
14 15 16 17 18 19 20 21 22 23 24 25			Excavation ceased @ 14 ft bgs		

WATER LEVEL DATA		
DATE	TIME	ELAPSED TIME
NA	NA	NA

DEPTH (FT)	
BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED
14	5

Notes:
Fill material to ~5 ft bgs

GENERAL NOTES
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, Ste. 130, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
145 Ganson Street
Location:
Buffalo, NY

TEST PIT: TP-15
SHEET 1 OF 1
JOB:
CHKD BY:
DATE: 9/27/2022

CONTRACTOR: Environmental Service Group
OPERATOR: Glenn Caverly
LABELLA REPRESENTATIVE: A. Janik

TEST PIT LOCATION: South Portion of Site
GROUND SURFACE ELEVATION NA

WEATHER: Rain, ~55
TYPE OF EQUIPMENT: Excavator

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0 1 2 3	Sample Taken	0-4'	Red-orange sand (fill)	0.0	
4 5 6 7		4-8'	Olive moist-wet silt	0.0	
8 9 10		8-11'	Olive moist-wet silty clay some tan silt mottling	0.0	
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25			Excavation ceased @ 11 ft bgs due to collapse of excavation		

WATER LEVEL DATA			DEPTH (FT)		Notes:
DATE	TIME	ELAPSED TIME	BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED	Fill material to ~4 ft bgs Excavation ceased at due to collapse
NA	NA	NA	11	4	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, Ste. 130, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
145 Ganson Street
Location:
Buffalo, NY

TEST PIT: TP-16
SHEET 1 OF 1
JOB:
CHKD BY:
DATE: 9/27/2022

CONTRACTOR: Environmental Service Group
OPERATOR: Glenn Caverly
LABELLA REPRESENTATIVE: A. Janik

TEST PIT LOCATION: South Portion of Site
GROUND SURFACE ELEVATION NA

WEATHER: Rain, ~55
TYPE OF EQUIPMENT: Excavator

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0 1 2 3	Sample Taken	0-4'	Sand with railroad ties (fill)	0.0	
4 5 6 7 8 9		4-10'	Olive moist-wet silt	0.0	
10 11 12 13 14		10-15'	Olive moist-wet silty clay some tan silt mottling	0.0	
15 16 17 18 19 20 21 22 23 24 25			Excavation ceased @ 15 ft bgs		

WATER LEVEL DATA			DEPTH (FT)		Notes:
DATE	TIME	ELAPSED TIME	BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED	Fill material to ~4 ft bgs
NA	NA	NA	15	4	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, Ste. 130, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
145 Ganson Street
Location:
Buffalo, NY

TEST PIT: TP-17
SHEET 1 OF 1
JOB:
CHKD BY:
DATE: 9/27/2022

CONTRACTOR: Environmental Service Group
OPERATOR: Glenn Caverly
LABELLA REPRESENTATIVE: A. Janik

TEST PIT LOCATION: South Portion of Site
GROUND SURFACE ELEVATION NA

WEATHER: Rain, ~55
TYPE OF EQUIPMENT: Excavator

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0 1 2 3	Sample Taken	0-4'	Sand with railroad ties and slag (fill)	0.0	
4 5 6 7		4-8'	Olive moist-wet silt	0.2	
8 9 10 11		8-12'	Olive moist-wet silty clay	0.0	
12 13 14 15 16 17 18 19 20 21 22 23 24 25			Excavation ceased @ 12 ft bgs		

WATER LEVEL DATA			DEPTH (FT)		Notes:
DATE	TIME	ELAPSED TIME	BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED	Fill material to ~4 ft bgs
NA	NA	NA	12	4	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, Ste. 130, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
145 Ganson Street
Location:
Buffalo, NY

TEST PIT: TP-18
SHEET 1 OF 1
JOB:
CHKD BY:
DATE: 9/27/2022

CONTRACTOR: Environmental Service Group
OPERATOR: Glenn Caverly
LABELLA REPRESENTATIVE: A. Janik

TEST PIT LOCATION: South Portion of Site
GROUND SURFACE ELEVATION NA

WEATHER: Rain, ~55
TYPE OF EQUIPMENT: Excavator

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0 1 2 3		0-4'	Gravel (fill)	0.0	
4	Sample Taken	4-5'	Slag and ash with railroad ties and wood (fill)	0.0	
5 6 7 8 9		5-10'	Olive wet silty clay	0.0	
10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25			Excavation ceased @ 10 ft bgs to avoid potential undermining risk		

WATER LEVEL DATA			DEPTH (FT)	
DATE	TIME	ELAPSED TIME	BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED
NA	NA	NA	10	5

Notes:
Ceased excavation due to proximity of existing garage driveway and undermining concern
Fill material to ~5 ft bgs

GENERAL NOTES
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, Ste. 130, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
145 Ganson Street
Location:
Buffalo, NY

TEST PIT: TP-19
SHEET 1 OF 1
JOB:
CHKD BY:
DATE: 9/27/2022

CONTRACTOR: Environmental Service Group
OPERATOR: Glenn Caverly
LABELLA REPRESENTATIVE: A. Janik

TEST PIT LOCATION: South Portion of Site
GROUND SURFACE ELEVATION NA

WEATHER: Rain, ~55
TYPE OF EQUIPMENT: Excavator

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0 1 2 3		0-5'	Red-black sand with slag and railroad ties (fill)	0.0	
4	Sample Taken	4-5'	Black slag and ash (fill)	0.6	
5 6 7		5-8'	Olive wet silt	0.0	
8 9 10 11 12 13 14		8-15'	Olive silty clay some tan-brown sandy silt mottling	0.0	
15 16 17 18 19 20 21 22 23 24 25			Excavation ceased @ 15 ft bgs		

WATER LEVEL DATA			DEPTH (FT)		Notes:
DATE	TIME	ELAPSED TIME	BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED	Fill material to ~5 ft bgs
NA	NA	NA	15	5	

GENERAL NOTES
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, Ste. 130, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
145 Ganson Street
Location:
Buffalo, NY

TEST PIT: TP-20
SHEET 1 OF 1
JOB:
CHKD BY:
DATE: 9/27/2022

CONTRACTOR: Environmental Service Group
OPERATOR: Glenn Caverly
LABELLA REPRESENTATIVE: A. Janik

TEST PIT LOCATION: South Portion of Site
GROUND SURFACE ELEVATION NA

WEATHER: Rain, ~55
TYPE OF EQUIPMENT: Excavator

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0 1 2		0-4'	Red-black sand (fill)	0.0	
3	Sample Taken	3-4'	Black slag and ash (fill)	0.0	
4 5 6		4-7'	Olive wet silt	0.0	
7 8 9 10 11 12 13 14		7-15'	Olive wet silty clay some tan-brown sandy silt mottling	0.0	
15 16 17 18 19 20 21 22 23 24 25			Excavation ceased @ 15 ft bgs		

WATER LEVEL DATA			DEPTH (FT)		Notes:
DATE	TIME	ELAPSED TIME	BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED	Fill material to ~4 ft bgs
NA	NA	NA	15	4	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, Ste. 130, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
145 Ganson Street
Location:
Buffalo, NY

TEST PIT: TP-21
SHEET 1 OF 1
JOB:
CHKD BY:
DATE: 9/27/2022

CONTRACTOR: Environmental Service Group
OPERATOR: Glenn Caverly
LABELLA REPRESENTATIVE: A. Janik

TEST PIT LOCATION: South Portion of Site
GROUND SURFACE ELEVATION NA

WEATHER: Rain, ~55
TYPE OF EQUIPMENT: Excavator

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0 1 2		0-3'	Gravel (fill)	0.0	
3	Sample Taken	3-4'	Black slag and ash (fill)	0.0	
4 5 6 7 8 9		4-10'	Olive wet silt	0.0	
10 11 12 13		10-14'	Olive moist-wet silty clay	0.0	
14 15 16 17 18 19 20 21 22 23 24 25			Excavation ceased @ 14 ft bgs		

WATER LEVEL DATA			DEPTH (FT)		Notes:
DATE	TIME	ELAPSED TIME	BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED	Fill material to ~4 ft bgs
NA	NA	NA	14	4	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, Ste. 130, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
145 Ganson Street
Location:
Buffalo, NY

TEST PIT: TP-22
SHEET 1 OF 1
JOB:
CHKD BY:
DATE: 9/26/2022

CONTRACTOR: Environmental Service Group
OPERATOR: Glenn Caverly
LABELLA REPRESENTATIVE: A. Janik

TEST PIT LOCATION: South Portion of Site
GROUND SURFACE ELEVATION NA

WEATHER: Heavy Rains, ~55
TYPE OF EQUIPMENT: Excavator

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0 1		0-2'	Gravel (fill)	0.0	
2 3	Sample Taken	2-3'	Red-orange sandy material (iron fines) (fill)	0.0	
4 5 6		4-7'	Brown wet course sand with gravel	0.0	
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25			Excavation ceased @ 7 ft bgs due to groundwater infiltration		

WATER LEVEL DATA			DEPTH (FT)		Notes:
DATE	TIME	ELAPSED TIME	BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED	Excavation ceased at 7 ft bgs. Excavation flooded. Fill material to ~3 ft bgs
NA	NA	NA	7	4	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, Ste. 130, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
145 Ganson Street
Location:
Buffalo, NY

TEST PIT: TP-23
SHEET 1 OF 1
JOB:
CHKD BY:
DATE: 9/26/2022

CONTRACTOR: Environmental Service Group
OPERATOR: Glenn Caverly
LABELLA REPRESENTATIVE: A. Janik

TEST PIT LOCATION: South Portion of Site
GROUND SURFACE ELEVATION NA

WEATHER: Heavy Rains, ~55
TYPE OF EQUIPMENT: Excavator

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0 1 2		0-3'	Gravel (fill)	0.0	
	Sample Taken				
3		3-4'	Black gravel (fill)	0.7	
4 5 6 7 8 9		4-10'	Olive moist-wet silt with tan/brown mottling	0.0	
10 11 12 13 14		10-15"	Moist-wet olive silty clay with tan/brown silty mottling	0.0	
15 16 17 18 19 20 21 22 23 24 25			Excavation ceased @ 15 ft bgs		

WATER LEVEL DATA			DEPTH (FT)		Notes:
DATE	TIME	ELAPSED TIME	BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED	Fill material to ~4 ft bgs
NA	NA	NA	15	4	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, Ste. 130, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
145 Ganson Street
Location:
Buffalo, NY

TEST PIT: TP-24
SHEET 1 OF 1
JOB:
CHKD BY:
DATE: 9/26/2022

CONTRACTOR: Environmental Service Group
OPERATOR: Glenn Caverly
LABELLA REPRESENTATIVE: A. Janik

TEST PIT LOCATION: South Portion of Site
GROUND SURFACE ELEVATION NA

WEATHER: Heavy Rains, ~55
TYPE OF EQUIPMENT: Excavator

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0 1 2		0-3'	Gravel (fill)	0.0	
3 4	Sample Taken	3-5'	Red-black sand (fill)	0.0	
5 6 7 8 9		5-10'	Moist-wet olive silty sand	0.0	
10 11 12 13		10-14'	Moist-wet olive silty clay with tan-brown silty mottling	0.0	
14 15 16 17 18 19 20 21 22 23 24 25			Excavation ceased @ 14 ft bgs		

WATER LEVEL DATA			DEPTH (FT)		Notes:
DATE	TIME	ELAPSED TIME	BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED	Fill material to ~5 ft bgs
NA	NA	NA	14	5	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

145 Ganson Street - Remedial Investigation
Additional Test Pits

TEST PIT: TP-25
SHEET 1 OF 1
JOB: 2233573
CHKD BY:
DATE: 10/17/2024

CONTRACTOR: LaBella LLC
OPERATOR: K. Mikel
LABELLA REPRESENTATIVE: A. Koons

TEST PIT LOCATION: Former Diesel AST
GROUND SURFACE ELEVATION NA

DATUM: NA
TYPE OF EQUIPMENT:

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0			0-1.5': Gray crushed stone (fill)	0.0	Staining on surface
1			1.5-5.0': Black gravel with some sand, trace wood (fill)	2.5	Staining at 1.5-6.0'
2				87.9	
3				86.3	
4				64.3	
5			5.0-8.0': Gray silt with little sand, trace clay, moist, mottled (ML)	6.9	
6				0.0	
7				0.0	
8			Test Pit Terminated at 8.0'		
9					
10					
11					
12					
13					
14					
15					

WATER LEVEL DATA		
DATE	TIME	ELAPSED TIME

DEPTH (FT)	
BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED
ft bgs	NA

Notes:
Sample collected from 2.0-3.0' and 6.0-7.0'

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

145 Ganson Street - Remedial Investigation
Additional Test Pits

TEST PIT: TP-26
SHEET 1 OF 1
JOB: 2233573
CHKD BY:
DATE: 10/17/2024

CONTRACTOR: LaBella LLC
OPERATOR: K. Mikel
LABELLA REPRESENTATIVE: A. Koons

TEST PIT LOCATION: Former Diesel AST
GROUND SURFACE ELEVATION NA

DATUM: NA
TYPE OF EQUIPMENT:

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0			0-3.0': Gray crushed stone (fill)	0.0	
1				0.0	
2				0.0	
3			3.0-6.0': Gray to black sand with some gravel, trace wood (fill)	0.6	
4				1.0	
5				5.0	
6			6.0-8.0':Gray silt with little sand, trace clay	0.0	
7				0.0	
8			Test Pit Terminated at 8.0'		
9					
10					
11					
12					
13					
14					
15					

WATER LEVEL DATA			DEPTH (FT)		Notes:
DATE	TIME	ELAPSED TIME	BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED	Sample collected from 5.0-6.0'
			ft bgs	NA	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

145 Ganson Street - Remedial Investigation
Additional Test Pits

TEST PIT: TP-27
SHEET 1 OF 1
JOB: 2233573
CHKD BY:
DATE: 10/17/2024

CONTRACTOR: LaBella LLC
OPERATOR: K. Mikel
LABELLA REPRESENTATIVE: A. Koons

TEST PIT LOCATION: Former Diesel AST
GROUND SURFACE ELEVATION NA
DATUM: NA
TYPE OF EQUIPMENT:

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0			0-1.0': Gray crushed stone (fill)	0.0	
1			1.0-3.5': Gray to black gravel with some sand, trace wood (fill)	0.0	
2				3.5	
3			3.5-7.0': Gray silt with some sand, trace clay, moist, mottled (ML)	0.0	
4				0.0	
5				0.0	
6				0.0	
7				0.0	
8			Test Pit Terminated at 7.0'		
9					
10					
11					
12					
13					
14					
15					

WATER LEVEL DATA			DEPTH (FT)		Notes:
DATE	TIME	ELAPSED TIME	BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED	Sample collected from 5.0-6.0'
			ft bgs	NA	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

145 Ganson Street - Remedial Investigation
Additional Test Pits

TEST PIT: TP-28
SHEET 1 OF 1
JOB: 2233573
CHKD BY:
DATE: 10/17/2024

CONTRACTOR: LaBella LLC
OPERATOR: K. Mikel
LABELLA REPRESENTATIVE: A. Koons

TEST PIT LOCATION: Former Diesel AST
GROUND SURFACE ELEVATION NA
DATUM: NA
TYPE OF EQUIPMENT:

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0			0-1.5': Gray crushed stone (fill)	0.0	
1				0.0	
2			1.5-4.0': Brown to black gravel (fill)	3.5	
3				0.0	
4			4.0-7.0': Gray SILT with some sand, trace clay, moist, mottled (ML)	0.0	
5				0.0	
6				0.0	
7				0.0	
8			Test Pit Terminated at 7.0'		
9					
10					
11					
12					
13					
14					
15					

WATER LEVEL DATA			DEPTH (FT)	
DATE	TIME	ELAPSED TIME	BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED
			ft bgs	NA

Notes:
Sample collected from 2.0-3.0'

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.

300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT

145 Ganson Street - Remedial Investigation
Additional Test Pits

TEST PIT: TP-29
SHEET 1 OF 1
JOB: 2233573
CHKD BY:
DATE: 10/17/2024

CONTRACTOR: LaBella LLC
OPERATOR: K. Mikel
LABELLA REPRESENTATIVE: A. Koons

TEST PIT LOCATION: Anomoly 3
GROUND SURFACE ELEVATION NA
DATUM: NA
TYPE OF EQUIPMENT:

DEPTH (FEET)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0			0-0.5': Asphalt and gravel (fill) 0.5-3.5': Concrete (fill)	0.0	
1				0.0	
2				0.0	
3			3.5-6.0': Gray silt with some sand, trace clay, moist, mottled (ML)	0.0	
4				0.0	
5				0.0	
6			6.0-7.0': Brown clay with trace sand, moist, mottled (CL)	0.0	
7				0.0	
8			Test Pit Terminated at 7.0'		Concrete likely a footer. No evidence of tank or tank grave
9					
10					
11					
12					
13					
14					
15					

WATER LEVEL DATA		
DATE	TIME	ELAPSED TIME

DEPTH (FT)	
BOTTOM OF TEST PIT	GROUNDWATER ENCOUNTERED
ft bgs	NA

Notes:

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface
NA = Not Applicable

and = 35 - 50%
some = 20 - 35%
little = 10 - 20%
trace = 1 - 10%

C = Coarse
M = Medium
F = Fine
VF = Very Fine

R = Rounded
A = Angular
SR = Subrounded
SA = Subangular

LaBella
Powered by partnership.
300 PEARL STREET, BUFFALO, NY
PH: (716) 551-6281

GROUNDWATER DEVELOPMENT FORM

WELL I.D. MW-01

Project Name: 145 Ganson Street - Remedial Investigation
Project No.: 2223573
Location: 145 Ganson Street, Buffalo, NY
Development By: A. Koons
Date: 9/14/2022
Weather: 75°F, partly cloudy

PURGE VOLUME CALCULATION

Well Diameter: 2" -Inch
Static Water Level: ?? -Feet
Depth of Well: ?? -Feet
Single Well Volume: ?? -Gallons

PURGE & SAMPLING METHOD

☐ Bailer - Type:
☑ Pump - Type: Peri-Pump
Sampling Device:
Pump Rate: 0.2-0.15 gpm

FIELD PARAMETER MEASUREMENTS

Time	Gallons Purged	pH	Temp (oC)	Conductivity (mS/cm)	Turbidity (NTU)	Oxidation-Reduction Potential (eV)	Dissolved Oxygen (mg/L)	Comments
9:00	0	8.56	19.98	0.812	>1000	112	4.11	very turbid
9:12	2.50	8.29	19.62	0.785	>1000	47	5.26	very turbid
9:24	5.00	8.12	18.92	0.815	296	12	7.36	slightly turbid
9:38	7.50	7.71	18.23	0.851	>1000	1	6.92	very turbid
9:55	10.00	8.00	17.96	0.857	48.2	35	7.10	clear

Total 10.50 Gallons Purged Purge Start Time: 9:00 Purge End Time: 10:00

OBSERVATIONS:

Bailer lodged in well, could not obtain water level or well depth
Slowed pumping rate @ 7.5 gals
Well going dry after 10.5 gals

Well Volume (1" well) = 0.0408-gal/ft.	Well Volume (4" well) = 0.65-gal/ft.
Well Volume (2" well) = 0.163-gal/ft.	

LaBella
Powered by partnership.
300 PEARL STREET, BUFFALO, NY
PH: (716) 551-6281

GROUNDWATER DEVELOPMENT FORM

WELL I.D. MW-02

Project Name: 145 Ganson Street - Remedial Investigation
Project No.: 2223573
Location: 145 Ganson Street, Buffalo, NY
Development By: A. Koons
Date: 9/9/2022
Weather: 70°F, mostly sunny

PURGE VOLUME CALCULATION

Well Diameter: 2" -Inch
Static Water Level: 10.32 -Feet
Depth of Well: 19.20 -Feet
Single Well Volume: 1.42 -Gallons

PURGE & SAMPLING METHOD

☑ Bailer - Type: 1.5"
☑ Pump - Type: Peri-Pump
Sampling Device:
Pump Rate: 0.16 gpm

FIELD PARAMETER MEASUREMENTS

Time	Gallons Purged	pH	Temp (oC)	Conductivity (mS/cm)	Turbidity (NTU)	Oxidation-Reduction Potential (eV)	Dissolved Oxygen (mg/L)	Comments
9:09	0	7.30	19.14	2.280	152	13	1.65	
9:13	1.50	6.61	17.52	2.440	>1000	-15	3.13	very turbid
9:23	3.00	6.45	16.84	2.520	>1000	-30	4.97	very turbid
9:28	4.50	6.44	15.43	2.560	>1000	-40	4.42	very turbid
Switched to peri-pump								
9:58	6.00	6.32	18.7	2.510	>1000	-44	3.97	very turbid
10:04	7.50	6.61	17.71	2.54	348	-48	3.47	slightly turbid
10:10	9.00	6.43	16.43	2.61	764	-52	4.01	slightly turbid
10:19	10.50	6.52	16.29	2.63	30.2	-53	4.16	clear

Total 10.50 Gallons Purged
Purge Start Time: 9:09
Purge End Time: 10:19

OBSERVATIONS:

Surged with bailer

Well Volume (1" well) = 0.0408-gal/ft.	Well Volume (4" well) = 0.65-gal/ft.
Well Volume (2" well) = 0.163-gal/ft.	

LaBella
Powered by partnership.
300 PEARL STREET, BUFFALO, NY
PH: (716) 551-6281

GROUNDWATER DEVELOPMENT FORM

WELL I.D. MW-03

Project Name: 145 Ganson Street - Remedial Investigation
Project No.: 2223573
Location: 145 Ganson Street, Buffalo, NY
Development By: A. Koons
Date: 9/13/2022
Weather: 65°F, Rain

PURGE VOLUME CALCULATION

Well Diameter: 2" -Inch
Static Water Level: 5.33 -Feet
Depth of Well: 14.50 -Feet
Single Well Volume: 1.50 -Gallons

PURGE & SAMPLING METHOD

☑ Bailer - Type: 1.5"
☑ Pump - Type: Peri-Pump
Sampling Device:
Pump Rate: 0.16 gpm

FIELD PARAMETER MEASUREMENTS

Time	Gallons Purged	pH	Temp (oC)	Conductivity (mS/cm)	Turbidity (NTU)	Oxidation-Reduction Potential (eV)	Dissolved Oxygen (mg/L)	Comments
14:49	0	8.09	18.29	0.731	237	-33	3.7	slightly turbid
14:51	1.50	8.01	17.93	0.730	>1000	-42	5.81	very turbid
14:55	3.00	7.90	17.49	0.737	>1000	-48	4.74	very turbid
15:01	4.50	7.94	17.02	0.740	>1000	-40	4.87	very turbid
Switched to peri-pump								
15:20	10.00	7.98	16.99	0.777	881	-47	6.36	very turbid
15:32	12.00	7.76	17.86	0.811	199	-62	3.99	slightly turbid

Total 12.50 Gallons Purged Purge Start Time: 14:49 Purge End Time: 15:32

OBSERVATIONS:

Surged with bailer
Well started to pump dry around 12.5 gal

Well Volume (1" well) = 0.0408-gal/ft.	Well Volume (4" well) = 0.65-gal/ft.
Well Volume (2" well) = 0.163-gal/ft.	

LaBella
Powered by partnership.
300 PEARL STREET, BUFFALO, NY
PH: (716) 551-6281

GROUNDWATER DEVELOPMENT FORM

WELL I.D. MW-04

Project Name: 145 Ganson Street - Remedial Investigation
Project No.: 2223573
Location: 145 Ganson Street, Buffalo, NY
Development By: A. Koons
Date: 9/13/2022
Weather: 65°F, Cloudy

PURGE VOLUME CALCULATION

Well Diameter: 2" -Inch
Static Water Level: 2.19 -Feet
Depth of Well: 11.40 -Feet
Single Well Volume: 1.50 -Gallons

PURGE & SAMPLING METHOD

☑ Bailer - Type: 1.5"
☑ Pump - Type: Peri-Pump
Sampling Device:
Pump Rate: 0.16 gpm

FIELD PARAMETER MEASUREMENTS

Time	Gallons Purged	pH	Temp (oC)	Conductivity (mS/cm)	Turbidity (NTU)	Oxidation-Reduction Potential (eV)	Dissolved Oxygen (mg/L)	Comments
14:04	0	8.65	20.30	0.421	71.1	-3	16.32	clear
14:07	1.50	8.35	20.02	0.416	>1000	-13	3.85	very turbid
14:11	3.00	8.33	19.57	0.424	>1000	-7	3.96	very turbid
14:15	4.50	8.31	19.33	0.453	>1000	11	3.75	very turbid
Switched to peri-pump								
14:32	7.00	8.40	19.23	0.464	522	31	5.52	turbid

Total 7.00 Gallons Purged Purge Start Time: 14:04 Purge End Time: 14:32

OBSERVATIONS:

Surged with bailer
Well started to pump dry around 7.0 gal

Well Volume (1" well) = 0.0408-gal/ft.
Well Volume (4" well) = 0.65-gal/ft.
Well Volume (2" well) = 0.163-gal/ft.

LaBella
Powered by partnership.
300 PEARL STREET, BUFFALO, NY
PH: (716) 551-6281

GROUNDWATER DEVELOPMENT FORM

WELL I.D. MW-05

Project Name: 145 Ganson Street - Remedial Investigation
Project No.: 2223573
Location: 145 Ganson Street, Buffalo, NY
Development By: A. Koons
Date: 9/13/2022
Weather: 65°F, Cloudy

PURGE VOLUME CALCULATION

Well Diameter: 2" -Inch
Static Water Level: 4.61 -Feet
Depth of Well: 14.70 -Feet
Single Well Volume: 1.60 -Gallons

PURGE & SAMPLING METHOD

☑ Bailer - Type: 1.5"
☑ Pump - Type: Peri-Pump
Sampling Device:
Pump Rate: 0.18 gpm

FIELD PARAMETER MEASUREMENTS

Time	Gallons Purged	pH	Temp (oC)	Conductivity (mS/cm)	Turbidity (NTU)	Oxidation-Reduction Potential (eV)	Dissolved Oxygen (mg/L)	Comments
12:59	0	7.87	20.22	1.650	273	65	7.35	slightly turbid
13:03	1.60	7.72	19.46	1.630	>1000	100	2.76	very turbid
13:07	3.20	7.54	17.87	1.650	>1000	99	3.9	very turbid
13:15	4.80	7.79	18.07	1.700	>1000	75	7.04	very turbid
Switched to peri-pump								
13:36	10.00	7.93	18.31	1.730	124	39	7.17	slightly turbid
13:47	12.00	7.79	18.32	1.74	71.2	28	7.81	clear
13:54	15.00	7.68	18.17	1.74	21	12	8.02	clear

Total 15.00 Gallons Purged Purge Start Time: 12:59 Purge End Time: 13:54

OBSERVATIONS:

Surged with bailer

Well Volume (1" well) = 0.0408-gal/ft.	Well Volume (4" well) = 0.65-gal/ft.
Well Volume (2" well) = 0.163-gal/ft.	

LaBella
Powered by partnership.
300 PEARL STREET, BUFFALO, NY
PH: (716) 551-6281

GROUNDWATER DEVELOPMENT FORM

WELL I.D. MW-06

Project Name: 145 Ganson Street - Remedial Investigation
Project No.: 2223573
Location: 145 Ganson Street, Buffalo, NY
Development By: A. Koons
Date: 9/13/2022
Weather: 65°F, Cloudy

PURGE VOLUME CALCULATION

Well Diameter: 2" -Inch
Static Water Level: 4.61 -Feet
Depth of Well: 14.70 -Feet
Single Well Volume: 1.60 -Gallons

PURGE & SAMPLING METHOD

☑ Bailer - Type: 1.5"
☑ Pump - Type: Peri-Pump
Sampling Device:
Pump Rate: 0.18 gpm

FIELD PARAMETER MEASUREMENTS

Time	Gallons Purged	pH	Temp (oC)	Conductivity (mS/cm)	Turbidity (NTU)	Oxidation-Reduction Potential (eV)	Dissolved Oxygen (mg/L)	Comments
12:59	0	7.87	20.22	1.650	273	65	7.35	slightly turbid
13:03	1.60	7.72	19.46	1.630	>1000	100	2.76	very turbid
13:07	3.20	7.54	17.87	1.650	>1000	99	3.9	very turbid
13:15	4.80	7.79	18.07	1.700	>1000	75	7.04	very turbid
Switched to peri-pump								
13:36	10.00	7.93	18.31	1.730	124	39	7.17	slightly turbid
13:47	12.00	7.79	18.32	1.74	71.2	28	7.81	clear
13:54	15.00	7.68	18.17	1.74	21	12	8.02	clear

Total 15.00 Gallons Purged Purge Start Time: 12:59 Purge End Time: 13:54

OBSERVATIONS:

Surged with bailer

Well Volume (1" well) = 0.0408-gal/ft.	Well Volume (4" well) = 0.65-gal/ft.
Well Volume (2" well) = 0.163-gal/ft.	

LaBella
Powered by partnership.
300 PEARL STREET, BUFFALO, NY
PH: (716) 551-6281

GROUNDWATER DEVELOPMENT FORM

WELL I.D. MW-07

Project Name: 145 Ganson Street - Remedial Investigation
Project No.: 2223573
Location: 145 Ganson Street, Buffalo, NY
Development By: A. Koons
Date: 9/9/2022
Weather: 75°F, Mostly sunny

PURGE VOLUME CALCULATION

Well Diameter: 2" -Inch
Static Water Level: 6.96 -Feet
Depth of Well: 14.65 -Feet
Single Well Volume: 1.23 -Gallons

PURGE & SAMPLING METHOD

☑ Bailer - Type: 1.5"
☑ Pump - Type: Peri-Pump
Sampling Device:
Pump Rate: 0.14 gpm

FIELD PARAMETER MEASUREMENTS

Time	Gallons Purged	pH	Temp (oC)	Conductivity (mS/cm)	Turbidity (NTU)	Oxidation-Reduction Potential (eV)	Dissolved Oxygen (mg/L)	Comments
11:38	0	6.37	19.28	2.390	>1000	-30	3.2	very turbid
11:41	1.25	6.31	18.30	2.530	>1000	-39	5.47	very turbid
11:44	2.50	6.34	17.76	2.590	>1000	-34	3.84	very turbid
11:48	3.75	6.33	17.74	2.670	>1000	-35	0.50	very turbid
Switched to peri-pump								
11:57	5.00	6.44	17.67	2.680	>1000	-45	4.92	very turbid
12:03	6.25	6.53	17.66	2.670	>1000	-54	8.70	very turbid
12:12	7.50	6.57	17.89	2.660	>1000	-61	4.93	very turbid
12:23	8.75	6.71	18.14	2.570	485	-48	11.78	slightly turbid
12:36	10.00	6.61	18.67	2.570	360	-80	4.92	slightly turbid
12:47	11.25	6.44	19.59	2.110	676	-82	4.37	slightly turbid
12:57	12.50	6.43	18.96	2.520	755	-78	2.58	slightly turbid
13:06	13.75	6.42	19.40	2.510	558	-88	8.41	slightly turbid
13:13	15.00	6.44	18.78	2.460	463	-82	4.65	slightly turbid

Total 15.00 Gallons Purged Purge Start Time: 11:38 Purge End Time: 13:13

OBSERVATIONS:

Surged with bailer

Well Volume (1" well) = 0.0408-gal/ft.	Well Volume (4" well) = 0.65-gal/ft.
Well Volume (2" well) = 0.163-gal/ft.	

LaBella
Powered by partnership.
300 PEARL STREET, BUFFALO, NY
PH: (716) 551-6281

GROUNDWATER DEVELOPMENT FORM

WELL I.D. MW-08

Project Name: 145 Ganson Street - Remedial Investigation
Project No.: 2223573
Location: 145 Ganson Street, Buffalo, NY
Development By: A. Koons
Date: 9/9/2022
Weather: 75°F, Mostly sunny

PURGE VOLUME CALCULATION

Well Diameter: 2" -Inch
Static Water Level: 6.97 -Feet
Depth of Well: 15.00 -Feet
Single Well Volume: 1.28 -Gallons

PURGE & SAMPLING METHOD

☑ Bailer - Type: 1.5"
☑ Pump - Type: Peri-Pump
Sampling Device:
Pump Rate: 0.3 gpm

FIELD PARAMETER MEASUREMENTS

Time	Gallons Purged	pH	Temp (oC)	Conductivity (mS/cm)	Turbidity (NTU)	Oxidation-Reduction Potential (eV)	Dissolved Oxygen (mg/L)	Comments
10:34	0	6.81	19.72	2.280	124	-39	8.06	slightly turbid
10:38	1.25	6.45	18.11	2.420	>1000	-51	5.62	very turbid
10:42	2.50	6.41	17.80	2.230	>1000	-46	4.41	very turbid
10:45	3.75	6.39	17.63	2.140	>1000	-48	4.64	very turbid
Switched to peri-pump								
10:51	5.00	6.37	18.05	2.160	>1000	-62	4.69	very turbid
10:55	6.25	6.35	17.85	2.140	>1000	-67	4.46	very turbid
10:59	7.50	6.29	17.77	2.200	>1000	-62	5.04	very turbid
11:03	8.75	6.29	17.76	2.110	>1000	-62	2.26	very turbid
11:06	10.00	6.30	17.76	2.100	445	-66	2.11	slightly turbid
11:09	11.25	6.30	17.79	2.090	208	-66	3.28	slightly turbid
11:13	12.50	6.30	17.84	2.080	147	-69	5.63	slightly turbid
11:16	13.75	6.31	17.83	2.070	81.0	-66	5.45	clear
11:19	15.00	6.34	17.83	2.100	69.9	-76	5.32	clear
11:22	16.25	6.33	17.90	2.100	43.9	-80	5.37	clear

Total 16.25 Gallons Purged Purge Start Time: 10:34 Purge End Time: 11:22

OBSERVATIONS:

Surged with bailer

Well Volume (1" well) = 0.0408-gal/ft.	Well Volume (4" well) = 0.65-gal/ft.
Well Volume (2" well) = 0.163-gal/ft.	

LaBella
Powered by partnership.
300 Pearl Street, Ste. 130
Buffalo, New York 14202
Telephone: (716) 551-6281

GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-1

Project Name: 145 Ganson Street
Location: Buffalo, NY
Project No.: #2223573
Sampled By: Andy Janik
Date: 9/21/22
Weather: Clear, ~65

PURGE VOLUME CALCULATION

Well Diameter: Two-inch
Depth of Well: ~15'
Static Water Level: ~6'
One Well Volume: ~1.25 gal.

PURGE AND SAMPLING METHOD

☐ Bailer – Type: N/A
Sampling Device: N/A
☒ Pump – Type: Peristaltic Pump
Pump Rate: ~0.3 gpm

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (ºC)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Comments
1140	0-1	8.20	24.66	0.799	0.58	8.1	
	1-2	7.73	23.05	0.770	0.0	0.5	
	2-3	7.62	21.72	0.795	0.27	15.8	
1230	3-4	7.43	22.32	0.799	0.12	14.9	Sample Taken

Total 4 Gallons Purged

Purge Time Start: 1140
Purge Time End: 1230

WELL SAMPLING

Sample I.D.: MW-1
No. of Containers: -
Sample Time: 1230
Sample Preservation: -

Sampled For:
☐ VOCs - 8260B TCL + NYSDEC STARS
☐ SVOCs - 8270C NYSDEC STARS Only
☐ VOCs - 8260B NYSDEC STARS
☐ Total RCRA Metals
☐ PCBs
☐ Other:

OBSERVATIONS

Notes: Analyzed for: 8270D and 8260C

Recharge Behavior: ☐ Fast ☒ Moderate ☐ Slow ☐ Purged Dry

LaBella
Powered by partnership.
300 Pearl Street, Ste. 130
Buffalo, New York 14202
Telephone: (716) 551-6281

GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-2

Project Name: 145 Ganson Street
Location: Buffalo, NY
Project No.: #2223573
Sampled By: Andy Janik
Date: 9/21/22
Weather: Clear, ~65

PURGE VOLUME CALCULATION

Well Diameter: Two-inch
Depth of Well: ~15'
Static Water Level: ~6'
One Well Volume: ~1.25 gal.

PURGE AND SAMPLING METHOD

☐ Bailer – Type: N/A
Sampling Device: N/A
☒ Pump – Type: Peristaltic Pump
Pump Rate: ~0.3 gpm

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (ºC)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Comments
1240	0-1	7.42	21.01	3.17	1.10	12.4	
	1-2	7.47	19.72	3.10	0.29	31.7	
	2-3	7.39	18.94	3.19	7.79	22.2	
1315	3-4	7.37	18.19	3.20	7.56	12.7	Sample Taken

Total 4 Gallons Purged

Purge Time Start: 1240
Purge Time End: 1315

WELL SAMPLING

Sample I.D.: MW-2
No. of Containers: -
Sample Time: 1315
Sample Preservation: -

Sampled For:
☐ VOCs - 8260B TCL + NYSDEC STARS
☐ SVOCs - 8270C NYSDEC STARS Only
☐ VOCs - 8260B NYSDEC STARS
☐ Total RCRA Metals
☐ PCBs
☐ Other:

OBSERVATIONS

Notes: Analyzed for: 8270D and 8260C

Recharge Behavior: ☐ Fast ☒ Moderate ☐ Slow ☐ Purged Dry

LaBella
Powered by partnership.
300 Pearl Street, Ste. 130
Buffalo, New York 14202
Telephone: (716) 551-6281

GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-3

Project Name: 145 Ganson Street
Location: Buffalo, NY
Project No.: #2223573
Sampled By: Andy Janik
Date: 9/21/22
Weather: Clear, ~65

PURGE VOLUME CALCULATION

Well Diameter: Two-inch
Depth of Well: ~15'
Static Water Level: ~6'
One Well Volume: ~1.25 gal.

PURGE AND SAMPLING METHOD

☐ Bailer – Type: N/A
Sampling Device: N/A
☒ Pump – Type: Peristaltic Pump
Pump Rate: ~0.3 gpm

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (ºC)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Comments
1340	0-1	8.12	20.31	0.805	7.01	0.0	
	1-2	7.96	19.81	0.803	0.33	0.0	
	2-3	7.82	19.16	0.817	0.0	362	
1415	3-4	7.78	18.57	0.825	0.36	95.3	Sample Taken

Total 4 Gallons Purged

Purge Time Start: 1340
Purge Time End: 1415

WELL SAMPLING

Sample I.D.: MW-3
No. of Containers: -
Sample Time: 1415
Sample Preservation: -

Sampled For:
☐ VOCs - 8260B TCL + NYSDEC STARS
☐ SVOCs - 8270C NYSDEC STARS Only
☐ VOCs - 8260B NYSDEC STARS
☐ Total RCRA Metals
☐ PCBs
☐ Other:

OBSERVATIONS

Notes: Analyzed for: 8270D and 8260C

Recharge Behavior: ☐ Fast ☒ Moderate ☐ Slow ☐ Purged Dry

LaBella
Powered by partnership.
300 Pearl Street, Ste. 130
Buffalo, New York 14202
Telephone: (716) 551-6281

GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-4

Project Name: 145 Ganson Street
Location: Buffalo, NY
Project No.: #2223573
Sampled By: Andy Janik
Date: 9/20/22
Weather: Clear, ~65

PURGE VOLUME CALCULATION

Well Diameter: Two-inch
Depth of Well: ~15'
Static Water Level: ~6'
One Well Volume: ~1.25 gal.

PURGE AND SAMPLING METHOD

☐ Bailer – Type: N/A
Sampling Device: N/A
☒ Pump – Type: Peristaltic Pump
Pump Rate: ~0.3 gpm

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (ºC)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Comments
1315	0-1	9.37	24.02	0.607	9.46	18.0	
	1-2	8.33	22.84	0.593	6.89	63.8	
	2-3	8.23	22.55	0.598	4.27	162	
1350	3-4	8.25	22.30	0.567	5.79	230	Sample Taken

Total 4 Gallons Purged

Purge Time Start: 1315
Purge Time End: 1350

WELL SAMPLING

Sample I.D.: MW-4
No. of Containers: -
Sample Time: 1350
Sample Preservation: -

Sampled For:
☐ VOCs - 8260B TCL + NYSDEC STARS
☐ SVOCs - 8270C NYSDEC STARS Only
☐ VOCs - 8260B NYSDEC STARS
☐ Total RCRA Metals
☐ PCBs
☐ Other:

OBSERVATIONS

Notes: Analyzed for: PFC_IDA-NY 21 PFAS, 8082A-TCL PCBs, 8081B-TCL Pesticides, 8270D, 6010C, 7470A, 8260C, 8151A

Recharge Behavior: ☐ Fast ☒ Moderate ☐ Slow ☐ Purged Dry

LaBella
Powered by partnership.
300 Pearl Street, Ste. 130
Buffalo, New York 14202
Telephone: (716) 551-6281

GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-5

Project Name: 145 Ganson Street
Location: Buffalo, NY
Project No.: #2223573
Sampled By: Andy Janik
Date: 9/20/22
Weather: Clear, ~65

PURGE VOLUME CALCULATION

Well Diameter: Two-inch
Depth of Well: ~15'
Static Water Level: ~6'
One Well Volume: ~1.25 gal.

PURGE AND SAMPLING METHOD

☐ Bailer – Type: N/A
Sampling Device: N/A
☒ Pump – Type: Peristaltic Pump
Pump Rate: ~0.3 gpm

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (ºC)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Comments
1130	0-1	7.50	24.59	1.75	1.97	0.0	
	1-2	7.26	21.87	1.82	1.12	0.0	
	2-3	7.23	21.30	1.87	1.08	0.0	
1210	3-4	7.11	21.89	1.93	1.53	0.0	Sample Taken

Total 4 Gallons Purged

Purge Time Start: 1130
Purge Time End: 1210

WELL SAMPLING

Sample I.D.: MW-5
No. of Containers: -
Sample Time: 1210
Sample Preservation: -

Sampled For:
☐ VOCs - 8260B TCL + NYSDEC STARS
☐ SVOCs - 8270C NYSDEC STARS Only
☐ VOCs - 8260B NYSDEC STARS
☐ Total RCRA Metals
☐ PCBs
☐ Other:

OBSERVATIONS

Notes: Analyzed for: PFC_IDA-NY 21 PFAS, 8082A-TCL PCBs, 8081B-TCL Pesticides, 8270D, 6010C, 7470A, 8260C, 8151A

Dup-1, MS-1, and MSD-1 taken from this well.

Recharge Behavior: ☐ Fast ☒ Moderate ☐ Slow ☐ Purged Dry

LaBella
Powered by partnership.
300 Pearl Street, Ste. 130
Buffalo, New York 14202
Telephone: (716) 551-6281

GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-6

Project Name: 145 Ganson Street
Location: Buffalo, NY
Project No.: #2223573
Sampled By: Andy Janik
Date: 9/20/22
Weather: Clear, ~65

PURGE VOLUME CALCULATION

Well Diameter: Two-inch
Depth of Well: ~15'
Static Water Level: ~6'
One Well Volume: ~1.25 gal.

PURGE AND SAMPLING METHOD

☐ Bailer – Type: N/A
Sampling Device: N/A
☒ Pump – Type: Peristaltic Pump
Pump Rate: ~0.3 gpm

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (ºC)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Comments
0945	0-1	8.33	24.59	1.89	7.24	124	
	1-2	8.37	24.33	1.83	1.07	159	
	2-3	8.17	21.38	1.79	0.69	72.5	
1030	3-4	8.01	20.12	1.75	0.96	37.3	Sample Taken

Total 4 Gallons Purged

Purge Time Start: 0945
Purge Time End: 1030

WELL SAMPLING

Sample I.D.: MW-6
No. of Containers: -
Sample Time: 1030
Sample Preservation: -

Sampled For:
☐ VOCs - 8260B TCL + NYSDEC STARS
☐ SVOCs - 8270C NYSDEC STARS Only
☐ VOCs - 8260B NYSDEC STARS
☐ Total RCRA Metals
☐ PCBs
☐ Other:

OBSERVATIONS

Notes: Analyzed for: PFC_IDA-NY 21 PFAS, 8082A-TCL PCBs, 8081B-TCL Pesticides, 8270D, 6010C, 7470A, 8260C, 8151A

Recharge Behavior: ☐ Fast ☒ Moderate ☐ Slow ☐ Purged Dry

LaBella
Powered by partnership.
300 Pearl Street, Ste. 130
Buffalo, New York 14202
Telephone: (716) 551-6281

GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-7

Project Name: 145 Ganson Street
Location: Buffalo, NY
Project No.: #2223573
Sampled By: Andy Janik
Date: 9/21/22
Weather: Clear, ~65

PURGE VOLUME CALCULATION

Well Diameter: Two-inch
Depth of Well: ~15'
Static Water Level: ~6'
One Well Volume: ~1.25 gal.

PURGE AND SAMPLING METHOD

☐ Bailer – Type: N/A
Sampling Device: N/A
☒ Pump – Type: Peristaltic Pump
Pump Rate: ~0.3 gpm

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (ºC)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Comments
0845	0-1	7.17	20.29	3.67	11.34	80.1	
	1-2	7.19	20.10	4.11	2.05	84.5	
	2-3	7.21	19.32	4.12	2.19	71.7	
0930	3-4	7.24	18.89	4.16	4.57	150	Sample Taken

Total 4 Gallons Purged

Purge Time Start: 0845
Purge Time End: 0930

WELL SAMPLING

Sample I.D.: MW-7
No. of Containers: -
Sample Time: 0930
Sample Preservation: -

Sampled For:
☐ VOCs - 8260B TCL + NYSDEC STARS
☐ SVOCs - 8270C NYSDEC STARS Only
☐ VOCs - 8260B NYSDEC STARS
☐ Total RCRA Metals
☐ PCBs
☐ Other:

OBSERVATIONS

Notes: Analyzed for: 8270D and 8260C

Recharge Behavior: ☐ Fast ☒ Moderate ☐ Slow ☐ Purged Dry

LaBella
Powered by partnership.
300 Pearl Street, Ste. 130
Buffalo, New York 14202
Telephone: (716) 551-6281

GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-8

Project Name: 145 Ganson Street
Location: Buffalo, NY
Project No.: #2223573
Sampled By: Andy Janik
Date: 9/20/22
Weather: Clear, ~65

PURGE VOLUME CALCULATION

Well Diameter: Two-inch
Depth of Well: ~15'
Static Water Level: ~6'
One Well Volume: ~1.25 gal.

PURGE AND SAMPLING METHOD

☐ Bailer – Type: N/A
Sampling Device: N/A
☒ Pump – Type: Peristaltic Pump
Pump Rate: ~0.3 gpm

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (ºC)	Conductivity (mS/cm)	DO (mg/L)	Turbidity (NTU)	Comments
0830	0-1	7.89	20.58	5.46	1.67	105	
	1-2	7.55	19.98	2.49	0.87	489	
	2-3	7.33	19.78	2.31	1.22	127	
	3-4	7.21	19.55	2.33	7.90	50.7	
0915	4-5	7.10	19.57	2.28	6.97	40.9	Sample Taken

Total 5 Gallons Purged

Purge Time Start: 0830
Purge Time End: 0915

WELL SAMPLING

Sample I.D.: MW-8
No. of Containers: -
Sample Time: 0915
Sample Preservation: -

Sampled For:
☐ VOCs - 8260B TCL + NYSDEC STARS
☐ SVOCs - 8270C NYSDEC STARS Only
☐ VOCs - 8260B NYSDEC STARS
☐ Total RCRA Metals
☐ PCBs
☐ Other:

OBSERVATIONS

Notes: Analyzed for: PFC_IDA-NY 21 PFAS, 8082A-TCL PCBs, 8081B-TCL Pesticides, 8270D, 6010C, 7470A, 8260C, 8151A

Recharge Behavior: ☐ Fast ☒ Moderate ☐ Slow ☐ Purged Dry

LaBella
Powered by partnership.

AIR SAMPLING FIELD REPORT

AIR SAMPLING POINT

SV-01

Project:	145 Ganson Street - Remedial Investigation	LaBella Project No.:	2223573
Site Location:	145 Ganson Street, Buffalo, NY	LaBella Representative:	A. Koons
Client:	Lippes, Mathias, Wexler, Freidman	Weather:	73°F, Scattered Showers

General Information

Sample Canister Location: Southern portion of the site, south of Building 1

Sample Source: ____ Indoor Air ____ Sub-Slab ____ Exterior Ambient Air X Exterior Soil Gas

____ Other

Shipping Date: 9/12/2022 Laboratory: Eurofins/TestAmerica

Canister Type: ____ 1.0 L Summa Canister X 6.0 L Summa Canister Other (specify): ____

Canister Serial No.: 4332 Flow Controller Serial No.: 3664

Time	Vacuum Reading (inHg)	Notes
10:15	-25	
11:36	-18	
12:38	-12	

Sampling Information

Sample Date: 9/12/2022 Sampler: A. Koons

Sample Height / Depth: ____

	Start	Stop
Canister Pressure Gauge Reading:	-30	-7
Sample Time:	9:03	13:31

Comments:

LaBella
Powered by partnership.

AIR SAMPLING FIELD REPORT

AIR SAMPLING POINT
SV-02

Project:	145 Ganson Street - Remedial Investigation	LaBella Project No.:	2223573
Site Location:	145 Ganson Street, Buffalo, NY	LaBella Representative:	A. Koons
Client:	Lippes, Mathias, Wexler, Freidman	Weather:	73°F, Scattered Showers

General Information

Sample Canister Location: Northern portion of property near MW-04

Sample Source: ____ Indoor Air ____ Sub-Slab ____ Exterior Ambient Air X Exterior Soil Gas

____ Other

Shipping Date: 9/12/2022 Laboratory: Eurofins/TestAmerica

Canister Type: ____ 1.0 L Summa Canister X 6.0 L Summa Canister Other (specify): ____

Canister Serial No.: 5605 Flow Controller Serial No.: 3741

Time	Vacuum Reading (inHg)	Notes
10:13	-19	
11:34	-11	

Sampling Information

Sample Date: 9/12/2022 Sampler: A. Koons

Sample Height / Depth: ____

	Start	Stop
Canister Pressure Gauge Reading:	-22	-6
Sample Time:	9:20	12:12

Comments:

LaBella
Powered by partnership.

AIR SAMPLING FIELD REPORT

AIR SAMPLING POINT

SV-03

Project:	145 Ganson Street - Remedial Investigation	LaBella Project No.:	2223573
Site Location:	145 Ganson Street, Buffalo, NY	LaBella Representative:	A. Koons
Client:	Lippes, Mathias, Wexler, Freidman	Weather:	73°F, Scattered Showers

General Information

Sample Canister Location: Central portion of property near MW-01

Sample Source: ____ Indoor Air ____ Sub-Slab ____ Exterior Ambient Air X Exterior Soil Gas

____ Other

Shipping Date: 9/12/2022 Laboratory: Eurofins/TestAmerica

Canister Type: ____ 1.0 L Summa Canister X 6.0 L Summa Canister Other (specify): ____

Canister Serial No.: 5413 Flow Controller Serial No.: 6228

Time	Vacuum Reading (inHg)	Notes
10:12	-26	
11:33	-18	
12:36	-10	

Sampling Information

Sample Date: 9/12/2022 Sampler: A. Koons

Sample Height / Depth: ____

	Start	Stop
Canister Pressure Gauge Reading:	-30	-7
Sample Time:	9:13	13:00

Comments:

AIR SAMPLING FIELD REPORT

AIR SAMPLING POINT

SV-04

Project:	145 Ganson Street - Remedial Investigation	LaBella Project No.:	2223573
Site Location:	145 Ganson Street, Buffalo, NY	LaBella Representative:	A. Koons
Client:	Lippes, Mathias, Wexler, Freidman	Weather:	73°F, Scattered Showers

General Information

Sample Canister Location: Southern portion of site near MW-07

Sample Source: ____ Indoor Air ____ Sub-Slab ____ Exterior Ambient Air X Exterior Soil Gas

____ Other

Shipping Date: 9/12/2022 Laboratory: Eurofins/TestAmerica

Canister Type: ____ 1.0 L Summa Canister X 6.0 L Summa Canister Other (specify): ____

Canister Serial No.: 4472 Flow Controller Serial No.: 2829

Time	Vacuum Reading (inHg)	Notes
10:10	-27	
11:36	-20	
12:37	-15	

Sampling Information

Sample Date: 9/12/2022 Sampler: A. Koons

Sample Height / Depth: ____

	Start	Stop
Canister Pressure Gauge Reading:	-30	-9
Sample Time:	9:07	13:48

Comments:

LaBella
Powered by partnership.

AIR SAMPLING FIELD REPORT

AIR SAMPLING POINT

OA-01

Project:	145 Ganson Street - Remedial Investigation	LaBella Project No.:	2223573
Site Location:	145 Ganson Street, Buffalo, NY	LaBella Representative:	A. Koons
Client:	Lippes, Mathias, Wexler, Freidman	Weather:	73°F, Scattered Showers

General Information

Sample Canister Location: Southern portion of the site

Sample Source: ____ Indoor Air ____ Sub-Slab X Exterior Ambient Air ____ Exterior Soil Gas ____ Other

Shipping Date: 9/12/2022 Laboratory: Eurofins/TestAmerica

Canister Type: ____ 1.0 L Summa Canister X 6.0 L Summa Canister Other (specify): ____

Canister Serial No.: 34001925 Flow Controller Serial No.: 3740

Time	Vacuum Reading (inHg)	Notes
10:17	-25	
11:37	-20	
12:40	-17	

Sampling Information

Sample Date: 9/12/2022 Sampler: A. Koons

Sample Height / Depth: ____

	Start	Stop
Canister Pressure Gauge Reading:	-29	-11
Sample Time:	9:29	14:28

Comments:

APPENDIX 4: LABORATORY ANALYTICAL RESULTS

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-201357-1
Client Project/Site: 145 Ganson Street

For:
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Attn: Adam Zebrowski

Authorized for release by:
9/22/2022 10:19:19 AM
Rebecca Jones, Project Management Assistant I
(716)504-9884
Rebecca.Jones@et.eurofinsus.com

Designee for

Brian Fischer, Manager of Project Management
(716)504-9835
Brian.Fischer@et.eurofinsus.com

LINKS

Review your project results through my EOL

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 5
Detection Summary 7
Client Sample Results 13
Surrogate Summary 49
Isotope Dilution Summary 51
QC Sample Results 53
QC Association Summary 79
Lab Chronicle 84
Certification Summary 88
Method Summary 90
Sample Summary 91
Chain of Custody 92
Receipt Checklists 94

Definitions/Glossary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201357-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*3	ISTD response or retention time outside acceptable limits.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS VOA TICs

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

LCMS

Qualifier	Qualifier Description
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 480-201357-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-201357-1

Comments
No additional comments.

Receipt
The samples were received on 9/7/2022 4:05 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.2º C.

GC/MS VOA
Method 8260C: The method blank for preparation batch 480-640752 contained Toluene above the reporting limit (RL). None of the samples associated with this method blank contained the target compound above the reporting limit; therefore, re-extraction and/or re-analysis of samples were not performed. The associated samples are: SB-22 (7-10`) (480-201357-1), SB-26 (8-10`) (480-201357-3) and SB-29 (9-12`) (480-201357-6).

Method 8260C: Internal standard and surrogate responses for the following samples were outside control limits: SB-27 (2.5-5.5`) (480-201357-4) and DUP-1 (480-201357-7). The sample(s) were re-extracted and/or re-analyzed and responses were outside control limits.

Method 8260C: The following sample was analyzed using medium level soil analysis and diluted due to the nature of the sample matrix: SB-25 (4-6`) (480-201357-2). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-641153 recovered outside acceptance criteria, low biased, for 2-Butanone (MEK), 2-Hexanone, Vinyl chloride, Chloromethane, and 4-Methyl-2-pentanone (MIBK) . A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The associated sample is impacted: SB-25 (4-6`) (480-201357-2).

Method 8260C: The laboratory control sample (LCS) for preparation batch 480-641032 and analytical batch 480-641153 recovered outside control limits for the following analytes: trans-1,3-Dichloropropene and Methylene Chloride. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated sample is impacted: SB-25 (4-6`) (480-201357-2).

Method 8260C: The laboratory control sample (LCS) for preparation batch 480-641032 and analytical batch 480-641153 recovered outside control limits for the following analyte(s): 4-Methyl-2-pentanone (MIBK). 4-Methyl-2-pentanone (MIBK) has been identified as a poor performing analyte when analyzed using this method; therefore,re-analysis was not performed. Batch precision also exceeded control limits for these analyte(s). These results have been reported and qualified. The associated sample is impacted: SB-25 (4-6`) (480-201357-2).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-641153 recovered above the upper control limit for Chlorodibromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: SB-25 (4-6`) (480-201357-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270D: The following sample was diluted due to viscosity: SB-29 (9-12`) (480-201357-6). Elevated reporting limits (RL) are provided.

Method 8270D: The following sample was diluted due to color and appearance: DUP-1 (480-201357-7). Elevated reporting limits (RL) are provided.

Method 8270D: The following sample required a dilution due to the nature of the sample matrix: SB-29 (9-12`) (480-201357-6). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Job ID: 480-201357-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8081B: The following samples were diluted due to the nature of the sample matrix: SB-25 (4-6`) (480-201357-2) and SB-29 (9-12`) (480-201357-6). As such, surrogate recoveries are below the calibration range, estimated and not representative. Elevated reporting limits (RLs) are provided.

Method 8081B: The laboratory control sample (LCS) for preparation batch 480-641258 and analytical batch 480-641296 recovered outside control limits for the following analytes: Endrin aldehyde. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8081B: The method blank for preparation batch 480-641258 contained Endrin aldehyde above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 8081B: The %RPD between the primary and confirmation column exceeded 40% for Methoxychlor for the following sample: SB-29 (9-12`) (480-201357-6). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010C: The serial dilution and post spike (480-201357-A-4-B PDS) and (480-201357-A-4-B SD ^5), associated with batch 480-640693, exceeded the quality control limits for Total Aluminum, Barium, Chromium, Iron, Magnesium, Manganese, Vanadium, and Zinc. Sample matrix is suspected, therefore, no corrective action was necessary.

Method 6010C: The serial dilution (480-201357-A-4-B SD ^5) associated with batch 480-640986, exhibited results outside the quality control limits for Total Beryllium, Calcium, Copper, and Potassium. However, the post digestion spike (PDS) was compliant, therefore no corrective action was necessary.

Method 6010C: The recovery of post spike, (480-201357-A-4-B PDS), associated with batch 480-640986, exhibited a result outside quality control limits for Total Sodium. However, the serial dilution (SD) of this sample was compliant, therefore no corrective action was necessary.

Method 6010C: The following sample was diluted due to the presence of Total Calcium which interferes with Copper: SB-22 (7-10`) (480-201357-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

LCMS
Method 537 (Modified): The recovery for the labeled isotope(s): M2-8:2 FTS in the following sample: SB-22 (7-10`) (480-201357-1) is outside the QC acceptance limits. Since the recovery is high and the native analyte is not detected in the sample, the data is reported.

Method 537 (Modified): The recovery for the labeled isotope(s) M2-8:2 FTS and M2-6:2 FTS in the following sample: SB-25 (4-6`) (480-201357-2) is outside the QC acceptance limits. Since the recovery is high and the native analyte is not detected in the sample, the data is reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method 3550C: The following samples required a Florisil clean-up, via EPA Method 3620C, to reduce matrix interferences: SB-25 (4-6`) (480-201357-2) and SB-29 (9-12`) (480-201357-6).

Method 8151A: The following sample: SB-26 (8-10`) (480-201357-3) was decanted prior to preparation.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201357-1

Client Sample ID: SB-22 (7-10`) — Lab Sample ID: 480-201357-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trimethylbenzene	0.36	J	4.3	0.28	ug/Kg	1	☼	8260C	Total/NA
2-Butanone (MEK)	15	J	21	1.6	ug/Kg	1	☼	8260C	Total/NA
Acetone	75		21	3.6	ug/Kg	1	☼	8260C	Total/NA
Ethylbenzene	0.40	J	4.3	0.30	ug/Kg	1	☼	8260C	Total/NA
Methylcyclohexane	0.73	J	4.3	0.65	ug/Kg	1	☼	8260C	Total/NA
m,p-Xylene	0.93	J	8.6	0.72	ug/Kg	1	☼	8260C	Total/NA
Toluene	1.2	J B	4.3	0.32	ug/Kg	1	☼	8260C	Total/NA
Xylenes, Total	0.93	J	8.6	0.72	ug/Kg	1	☼	8260C	Total/NA
4,4'-DDD	0.56	J B	1.8	0.36	ug/Kg	1	☼	8081B	Total/NA
Endrin aldehyde	0.66	J B *+	1.8	0.47	ug/Kg	1	☼	8081B	Total/NA
Perfluorooctanoic acid	0.051	J	0.22	0.025	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorooctanesulfonic acid	0.059	J	0.22	0.039	ng/g	1	☼	537 (Modified)	Total/NA
Aluminum	5030		11.9	5.2	mg/Kg	1	☼	6010C	Total/NA
Arsenic	4.9		2.4	0.48	mg/Kg	1	☼	6010C	Total/NA
Barium	28.3		0.59	0.13	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.24		0.24	0.033	mg/Kg	1	☼	6010C	Total/NA
Calcium	148000	B	119	7.9	mg/Kg	2	☼	6010C	Total/NA
Chromium	11.9		0.59	0.24	mg/Kg	1	☼	6010C	Total/NA
Cobalt	4.1		0.59	0.059	mg/Kg	1	☼	6010C	Total/NA
Copper	18.4		2.4	0.50	mg/Kg	2	☼	6010C	Total/NA
Iron	9290		11.9	4.2	mg/Kg	1	☼	6010C	Total/NA
Lead	13.2	B	1.2	0.29	mg/Kg	1	☼	6010C	Total/NA
Magnesium	4320	B	23.8	1.1	mg/Kg	1	☼	6010C	Total/NA
Manganese	181		0.24	0.038	mg/Kg	1	☼	6010C	Total/NA
Nickel	14.0		5.9	0.27	mg/Kg	1	☼	6010C	Total/NA
Potassium	1350		35.7	23.8	mg/Kg	1	☼	6010C	Total/NA
Sodium	467		167	15.5	mg/Kg	1	☼	6010C	Total/NA
Vanadium	11.5		0.59	0.13	mg/Kg	1	☼	6010C	Total/NA
Zinc	26.7		2.4	0.76	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.0059	J	0.023	0.0054	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-25 (4-6`) — Lab Sample ID: 480-201357-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	850		340	94	ug/Kg	2	☼	8260C	Total/NA
1,3,5-Trimethylbenzene	250	J	340	100	ug/Kg	2	☼	8260C	Total/NA
Benzene	140	J	340	64	ug/Kg	2	☼	8260C	Total/NA
Cyclohexane	520		340	74	ug/Kg	2	☼	8260C	Total/NA
Ethylbenzene	420		340	98	ug/Kg	2	☼	8260C	Total/NA
Isopropylbenzene	84	J	340	50	ug/Kg	2	☼	8260C	Total/NA
Methylcyclohexane	1500		340	160	ug/Kg	2	☼	8260C	Total/NA
m,p-Xylene	3100		670	190	ug/Kg	2	☼	8260C	Total/NA
Naphthalene	450		340	110	ug/Kg	2	☼	8260C	Total/NA
N-Propylbenzene	220	J	340	88	ug/Kg	2	☼	8260C	Total/NA
o-Xylene	590		340	44	ug/Kg	2	☼	8260C	Total/NA
Toluene	1000		340	90	ug/Kg	2	☼	8260C	Total/NA
Xylenes, Total	3700		670	190	ug/Kg	2	☼	8260C	Total/NA
2-Methylnaphthalene	130	J	220	44	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	61	J	220	33	ug/Kg	1	☼	8270D	Total/NA
Anthracene	250		220	55	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	210	J	220	22	ug/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: SB-25 (4-6`) (Continued)

Lab Sample ID: 480-201357-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	130	J	220	33	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	180	J	220	35	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	110	J	220	24	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	66	J	220	29	ug/Kg	1	☼	8270D	Total/NA
Chrysene	400		220	50	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	47	J	220	39	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	310		220	24	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	83	J	220	27	ug/Kg	1	☼	8270D	Total/NA
N-Nitrosodiphenylamine	350		220	180	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	100	J	220	29	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	710		220	33	ug/Kg	1	☼	8270D	Total/NA
Pyrene	430		220	26	ug/Kg	1	☼	8270D	Total/NA
4,4'-DDD	7.6	J B	22	4.2	ug/Kg	10	☼	8081B	Total/NA
4,4'-DDT	24		22	5.1	ug/Kg	10	☼	8081B	Total/NA
Endrin ketone	10	J	22	5.4	ug/Kg	10	☼	8081B	Total/NA
Methoxychlor	21	J	22	4.5	ug/Kg	10	☼	8081B	Total/NA
Aluminum	4590		13.4	5.9	mg/Kg	1	☼	6010C	Total/NA
Antimony	1.1	J	20.2	0.54	mg/Kg	1	☼	6010C	Total/NA
Arsenic	9.9		2.7	0.54	mg/Kg	1	☼	6010C	Total/NA
Barium	76.8		0.67	0.15	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.89		0.27	0.038	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.12	J	0.27	0.040	mg/Kg	1	☼	6010C	Total/NA
Calcium	2500	B	67.2	4.4	mg/Kg	1	☼	6010C	Total/NA
Chromium	12.7		0.67	0.27	mg/Kg	1	☼	6010C	Total/NA
Cobalt	10.5		0.67	0.067	mg/Kg	1	☼	6010C	Total/NA
Copper	42.8		1.3	0.28	mg/Kg	1	☼	6010C	Total/NA
Iron	11600		13.4	4.7	mg/Kg	1	☼	6010C	Total/NA
Lead	59.6	B	1.3	0.32	mg/Kg	1	☼	6010C	Total/NA
Magnesium	788	B	26.9	1.2	mg/Kg	1	☼	6010C	Total/NA
Manganese	36.0		0.27	0.043	mg/Kg	1	☼	6010C	Total/NA
Nickel	17.3		6.7	0.31	mg/Kg	1	☼	6010C	Total/NA
Potassium	555		40.3	26.9	mg/Kg	1	☼	6010C	Total/NA
Selenium	3.9	J	5.4	0.54	mg/Kg	1	☼	6010C	Total/NA
Sodium	105	J	188	17.5	mg/Kg	1	☼	6010C	Total/NA
Vanadium	22.9		0.67	0.15	mg/Kg	1	☼	6010C	Total/NA
Zinc	42.6		2.7	0.86	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.083		0.025	0.0057	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-26 (8-10`)

Lab Sample ID: 480-201357-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	21	J	34	2.5	ug/Kg	1	☼	8260C	Total/NA
Acetone	72		34	5.8	ug/Kg	1	☼	8260C	Total/NA
Benzo[a]anthracene	77	J	280	28	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	83	J	280	41	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	100	J	280	44	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	67	J	280	29	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	36	J	280	36	ug/Kg	1	☼	8270D	Total/NA
Chrysene	86	J	280	62	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	130	J	280	29	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	55	J	280	34	ug/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-26 (8-10`) (Continued)

Lab Sample ID: 480-201357-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	110	J	280	41	ug/Kg	1	☼	8270D	Total/NA
Pyrene	120	J	280	33	ug/Kg	1	☼	8270D	Total/NA
Aluminum	9790		16.2	7.1	mg/Kg	1	☼	6010C	Total/NA
Antimony	1.7	J	24.3	0.65	mg/Kg	1	☼	6010C	Total/NA
Arsenic	7.7		3.2	0.65	mg/Kg	1	☼	6010C	Total/NA
Barium	76.8		0.81	0.18	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.60		0.32	0.045	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.22	J	0.32	0.049	mg/Kg	1	☼	6010C	Total/NA
Calcium	9490	B	81.1	5.4	mg/Kg	1	☼	6010C	Total/NA
Chromium	29.0		0.81	0.32	mg/Kg	1	☼	6010C	Total/NA
Cobalt	9.2		0.81	0.081	mg/Kg	1	☼	6010C	Total/NA
Copper	55.5		1.6	0.34	mg/Kg	1	☼	6010C	Total/NA
Iron	17700		16.2	5.7	mg/Kg	1	☼	6010C	Total/NA
Lead	333	B	1.6	0.39	mg/Kg	1	☼	6010C	Total/NA
Magnesium	5370	B	32.4	1.5	mg/Kg	1	☼	6010C	Total/NA
Manganese	123		0.32	0.052	mg/Kg	1	☼	6010C	Total/NA
Nickel	23.0		8.1	0.37	mg/Kg	1	☼	6010C	Total/NA
Potassium	2220		48.7	32.4	mg/Kg	1	☼	6010C	Total/NA
Selenium	3.0	J	6.5	0.65	mg/Kg	1	☼	6010C	Total/NA
Sodium	268		227	21.1	mg/Kg	1	☼	6010C	Total/NA
Vanadium	22.9		0.81	0.18	mg/Kg	1	☼	6010C	Total/NA
Zinc	109		3.2	1.0	mg/Kg	1	☼	6010C	Total/NA
Mercury	1.9		0.034	0.0079	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-27 (2.5-5.5`)

Lab Sample ID: 480-201357-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	11	J	33	5.5	ug/Kg	1	☼	8260C	Total/NA
Chloroform	0.47	J B	6.6	0.41	ug/Kg	1	☼	8260C	Total/NA
Biphenyl	35	J	200	29	ug/Kg	1	☼	8270D	Total/NA
2-Methylnaphthalene	140	J	200	40	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	420		200	29	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	61	J	200	26	ug/Kg	1	☼	8270D	Total/NA
Anthracene	1300		200	49	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	2500		200	20	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	2200		200	29	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	2400		200	31	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	880		200	21	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	1100		200	26	ug/Kg	1	☼	8270D	Total/NA
Carbazole	870		200	23	ug/Kg	1	☼	8270D	Total/NA
Chrysene	2500		200	44	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	390		200	35	ug/Kg	1	☼	8270D	Total/NA
Dibenzofuran	380		200	23	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	4800		200	21	ug/Kg	1	☼	8270D	Total/NA
Fluorene	470		200	23	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	850		200	24	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	140	J	200	26	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	5100		200	29	ug/Kg	1	☼	8270D	Total/NA
Pyrene	4000		200	23	ug/Kg	1	☼	8270D	Total/NA
Aluminum	9100	F1	12.2	5.4	mg/Kg	1	☼	6010C	Total/NA
Antimony	0.92	J F1	18.3	0.49	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-27 (2.5-5.5`) (Continued)

Lab Sample ID: 480-201357-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	6.2		2.4	0.49	mg/Kg	1	☼	6010C	Total/NA
Barium	77.1	F1 F2	0.61	0.13	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.98		0.24	0.034	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.22	J	0.24	0.037	mg/Kg	1	☼	6010C	Total/NA
Calcium	40500	B F2	61.0	4.0	mg/Kg	1	☼	6010C	Total/NA
Chromium	11.0		0.61	0.24	mg/Kg	1	☼	6010C	Total/NA
Cobalt	6.0		0.61	0.061	mg/Kg	1	☼	6010C	Total/NA
Copper	19.3	F1	1.2	0.26	mg/Kg	1	☼	6010C	Total/NA
Iron	12900	F2	12.2	4.3	mg/Kg	1	☼	6010C	Total/NA
Lead	150	B F1 F2	1.2	0.29	mg/Kg	1	☼	6010C	Total/NA
Magnesium	4620	B F1	24.4	1.1	mg/Kg	1	☼	6010C	Total/NA
Manganese	229	F2	0.24	0.039	mg/Kg	1	☼	6010C	Total/NA
Nickel	17.0		6.1	0.28	mg/Kg	1	☼	6010C	Total/NA
Potassium	1110	F1	36.6	24.4	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.0	J	4.9	0.49	mg/Kg	1	☼	6010C	Total/NA
Sodium	266		171	15.8	mg/Kg	1	☼	6010C	Total/NA
Vanadium	13.4		0.61	0.13	mg/Kg	1	☼	6010C	Total/NA
Zinc	74.6	F1 F2	2.4	0.78	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.29		0.023	0.0053	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-28 (8-9`)

Lab Sample ID: 480-201357-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	73	J	230	34	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	37	J	230	30	ug/Kg	1	☼	8270D	Total/NA
Anthracene	160	J	230	58	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	400		230	23	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	430		230	34	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	480		230	37	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	250		230	25	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	210	J	230	30	ug/Kg	1	☼	8270D	Total/NA
Carbazole	52	J	230	28	ug/Kg	1	☼	8270D	Total/NA
Chrysene	450		230	52	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	65	J	230	41	ug/Kg	1	☼	8270D	Total/NA
Dibenzofuran	44	J	230	28	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	900		230	25	ug/Kg	1	☼	8270D	Total/NA
Fluorene	77	J	230	28	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	230		230	29	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	60	J	230	30	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	740		230	34	ug/Kg	1	☼	8270D	Total/NA
Pyrene	760		230	28	ug/Kg	1	☼	8270D	Total/NA
Aluminum	10500		13.7	6.0	mg/Kg	1	☼	6010C	Total/NA
Antimony	5.4	J	20.6	0.55	mg/Kg	1	☼	6010C	Total/NA
Arsenic	19.5		2.7	0.55	mg/Kg	1	☼	6010C	Total/NA
Barium	234		0.69	0.15	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.67		0.27	0.038	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.39		0.27	0.041	mg/Kg	1	☼	6010C	Total/NA
Calcium	15400	B	68.7	4.5	mg/Kg	1	☼	6010C	Total/NA
Chromium	16.3		0.69	0.27	mg/Kg	1	☼	6010C	Total/NA
Cobalt	10.0		0.69	0.069	mg/Kg	1	☼	6010C	Total/NA
Copper	67.4		1.4	0.29	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-28 (8-9`) (Continued)

Lab Sample ID: 480-201357-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	22800		13.7	4.8	mg/Kg	1	☼	6010C	Total/NA
Lead	824	B	1.4	0.33	mg/Kg	1	☼	6010C	Total/NA
Magnesium	6200	B	27.5	1.3	mg/Kg	1	☼	6010C	Total/NA
Manganese	348		0.27	0.044	mg/Kg	1	☼	6010C	Total/NA
Nickel	29.1		6.9	0.32	mg/Kg	1	☼	6010C	Total/NA
Potassium	2120		41.2	27.5	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.2	J	5.5	0.55	mg/Kg	1	☼	6010C	Total/NA
Sodium	1370		192	17.9	mg/Kg	1	☼	6010C	Total/NA
Vanadium	26.5		0.69	0.15	mg/Kg	1	☼	6010C	Total/NA
Zinc	264		2.7	0.88	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.68		0.028	0.0065	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-29 (9-12`)

Lab Sample ID: 480-201357-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.3	J	24	4.0	ug/Kg	1	☼	8260C	Total/NA
Acenaphthylene	4200		4200	540	ug/Kg	20	☼	8270D	Total/NA
Anthracene	3300	J	4200	1000	ug/Kg	20	☼	8270D	Total/NA
Benzo[a]anthracene	31000		4200	420	ug/Kg	20	☼	8270D	Total/NA
Benzo[a]pyrene	42000		4200	610	ug/Kg	20	☼	8270D	Total/NA
Benzo[b]fluoranthene	52000		4200	660	ug/Kg	20	☼	8270D	Total/NA
Benzo[g,h,i]perylene	24000		4200	440	ug/Kg	20	☼	8270D	Total/NA
Benzo[k]fluoranthene	26000		4200	540	ug/Kg	20	☼	8270D	Total/NA
Carbazole	560	J	4200	490	ug/Kg	20	☼	8270D	Total/NA
Chrysene	35000		4200	930	ug/Kg	20	☼	8270D	Total/NA
Dibenz(a,h)anthracene	7900		4200	740	ug/Kg	20	☼	8270D	Total/NA
Fluoranthene	35000		4200	440	ug/Kg	20	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	24000		4200	520	ug/Kg	20	☼	8270D	Total/NA
Phenanthrene	960	J	4200	610	ug/Kg	20	☼	8270D	Total/NA
Pyrene	45000		4200	490	ug/Kg	20	☼	8270D	Total/NA
4,4'-DDD	31	J B	100	20	ug/Kg	50	☼	8081B	Total/NA
4,4'-DDT	94	J	100	24	ug/Kg	50	☼	8081B	Total/NA
Endrin ketone	87	J	100	26	ug/Kg	50	☼	8081B	Total/NA
Methoxychlor	130		100	21	ug/Kg	50	☼	8081B	Total/NA
Aluminum	12100		12.4	5.5	mg/Kg	1	☼	6010C	Total/NA
Antimony	2.4	J	18.6	0.50	mg/Kg	1	☼	6010C	Total/NA
Arsenic	10		2.5	0.50	mg/Kg	1	☼	6010C	Total/NA
Barium	105		0.62	0.14	mg/Kg	1	☼	6010C	Total/NA
Beryllium	1.8		0.25	0.035	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.27		0.25	0.037	mg/Kg	1	☼	6010C	Total/NA
Calcium	62500	B	62.0	4.1	mg/Kg	1	☼	6010C	Total/NA
Chromium	16.6		0.62	0.25	mg/Kg	1	☼	6010C	Total/NA
Cobalt	5.9		0.62	0.062	mg/Kg	1	☼	6010C	Total/NA
Copper	33.3		1.2	0.26	mg/Kg	1	☼	6010C	Total/NA
Iron	25100		12.4	4.3	mg/Kg	1	☼	6010C	Total/NA
Lead	118	B	1.2	0.30	mg/Kg	1	☼	6010C	Total/NA
Magnesium	11900	B	24.8	1.2	mg/Kg	1	☼	6010C	Total/NA
Manganese	1170		0.25	0.040	mg/Kg	1	☼	6010C	Total/NA
Nickel	16.1		6.2	0.29	mg/Kg	1	☼	6010C	Total/NA
Potassium	1820		37.2	24.8	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.7	J	5.0	0.50	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-29 (9-12`) (Continued)

Lab Sample ID: 480-201357-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	388		174	16.1	mg/Kg	1	☼	6010C	Total/NA
Vanadium	22.3		0.62	0.14	mg/Kg	1	☼	6010C	Total/NA
Zinc	109		2.5	0.79	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.20		0.026	0.0060	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: DUP-1

Lab Sample ID: 480-201357-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.6	J	31	5.2	ug/Kg	1	☼	8260C	Total/NA
Carbon disulfide	6.0	J	6.2	3.1	ug/Kg	1	☼	8260C	Total/NA
Acenaphthene	1500	J	2000	290	ug/Kg	10	☼	8270D	Total/NA
Anthracene	3400		2000	480	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]anthracene	5400		2000	200	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]pyrene	4800		2000	290	ug/Kg	10	☼	8270D	Total/NA
Benzo[b]fluoranthene	5200		2000	310	ug/Kg	10	☼	8270D	Total/NA
Benzo[g,h,i]perylene	2200		2000	210	ug/Kg	10	☼	8270D	Total/NA
Benzo[k]fluoranthene	2400		2000	250	ug/Kg	10	☼	8270D	Total/NA
Carbazole	2200		2000	230	ug/Kg	10	☼	8270D	Total/NA
Chrysene	5700		2000	440	ug/Kg	10	☼	8270D	Total/NA
Dibenz(a,h)anthracene	870	J	2000	350	ug/Kg	10	☼	8270D	Total/NA
Dibenzofuran	1100	J	2000	230	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	12000		2000	210	ug/Kg	10	☼	8270D	Total/NA
Fluorene	1500	J	2000	230	ug/Kg	10	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	2100		2000	240	ug/Kg	10	☼	8270D	Total/NA
Naphthalene	370	J	2000	250	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene	14000		2000	290	ug/Kg	10	☼	8270D	Total/NA
Pyrene	9900		2000	230	ug/Kg	10	☼	8270D	Total/NA
Aluminum	8240		11.8	5.2	mg/Kg	1	☼	6010C	Total/NA
Antimony	2.1	J	17.8	0.47	mg/Kg	1	☼	6010C	Total/NA
Arsenic	13.2		2.4	0.47	mg/Kg	1	☼	6010C	Total/NA
Barium	165		0.59	0.13	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.73		0.24	0.033	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.53		0.24	0.036	mg/Kg	1	☼	6010C	Total/NA
Calcium	67400	B	59.2	3.9	mg/Kg	1	☼	6010C	Total/NA
Chromium	20.8		0.59	0.24	mg/Kg	1	☼	6010C	Total/NA
Cobalt	7.6		0.59	0.059	mg/Kg	1	☼	6010C	Total/NA
Copper	50.3		1.2	0.25	mg/Kg	1	☼	6010C	Total/NA
Iron	23400		11.8	4.1	mg/Kg	1	☼	6010C	Total/NA
Lead	386	B	1.2	0.28	mg/Kg	1	☼	6010C	Total/NA
Magnesium	5420	B	23.7	1.1	mg/Kg	1	☼	6010C	Total/NA
Manganese	841		0.24	0.038	mg/Kg	1	☼	6010C	Total/NA
Nickel	21.0		5.9	0.27	mg/Kg	1	☼	6010C	Total/NA
Potassium	1670		35.5	23.7	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.4	J	4.7	0.47	mg/Kg	1	☼	6010C	Total/NA
Sodium	384		166	15.4	mg/Kg	1	☼	6010C	Total/NA
Vanadium	23.9		0.59	0.13	mg/Kg	1	☼	6010C	Total/NA
Zinc	193		2.4	0.76	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.24		0.024	0.0055	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-22 (7-10`)
Date Collected: 09/06/22 11:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-1
Matrix: Solid
Percent Solids: 88.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.3	0.31	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
1,1,2,2-Tetrachloroethane	ND		4.3	0.69	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.3	0.98	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
1,1,2-Trichloroethane	ND		4.3	0.56	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
1,1-Dichloroethane	ND		4.3	0.52	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
1,1-Dichloroethene	ND		4.3	0.52	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
1,2,4-Trichlorobenzene	ND		4.3	0.26	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
1,2,4-Trimethylbenzene	ND		4.3	0.82	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
1,2-Dibromo-3-Chloropropane	ND		4.3	2.1	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
1,2-Dichlorobenzene	ND		4.3	0.33	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
1,2-Dichloroethane	ND		4.3	0.21	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
1,2-Dichloropropane	ND		4.3	2.1	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
1,3,5-Trimethylbenzene	**0.36**	**J**	4.3	0.28	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
1,3-Dichlorobenzene	ND		4.3	0.22	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
1,4-Dichlorobenzene	ND		4.3	0.60	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
2-Butanone (MEK)	**15**	**J**	21	1.6	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
2-Hexanone	ND		21	2.1	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
4-Isopropyltoluene	ND		4.3	0.34	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
4-Methyl-2-pentanone (MIBK)	ND		21	1.4	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Acetone	**75**		21	3.6	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Benzene	ND		4.3	0.21	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Bromoform	ND		4.3	2.1	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Bromomethane	ND		4.3	0.38	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Carbon disulfide	ND		4.3	2.1	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Carbon tetrachloride	ND		4.3	0.41	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Chlorobenzene	ND		4.3	0.56	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Dibromochloromethane	ND		4.3	0.55	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Chloroethane	ND		4.3	0.97	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Chloroform	ND		4.3	0.26	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Chloromethane	ND		4.3	0.26	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
cis-1,2-Dichloroethene	ND		4.3	0.55	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Cyclohexane	ND		4.3	0.60	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Bromodichloromethane	ND		4.3	0.57	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Dichlorodifluoromethane	ND		4.3	0.35	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Ethylbenzene	**0.40**	**J**	4.3	0.30	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
1,2-Dibromoethane	ND		4.3	0.55	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Isopropylbenzene	ND		4.3	0.64	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Methyl acetate	ND		21	2.6	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Methyl tert-butyl ether	ND		4.3	0.42	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Methylcyclohexane	**0.73**	**J**	4.3	0.65	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Methylene Chloride	ND		4.3	2.0	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
m,p-Xylene	**0.93**	**J**	8.6	0.72	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Naphthalene	ND		4.3	0.57	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
n-Butylbenzene	ND		4.3	0.37	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
N-Propylbenzene	ND		4.3	0.34	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
o-Xylene	ND		4.3	0.56	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
sec-Butylbenzene	ND		4.3	0.37	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Tetrachloroethene	ND		4.3	0.57	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Toluene	**1.2**	**J B**	4.3	0.32	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1

Client Sample ID: SB-22 (7-10`)
Date Collected: 09/06/22 11:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-1
Matrix: Solid
Percent Solids: 88.4

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		4.3	0.44	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
trans-1,3-Dichloropropene	ND		4.3	1.9	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Trichloroethene	ND		4.3	0.94	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Trichlorofluoromethane	ND		4.3	0.40	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Vinyl chloride	ND		4.3	0.52	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Xylenes, Total	**0.93**	**J**	8.6	0.72	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
cis-1,3-Dichloropropene	ND		4.3	0.62	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
Styrene	ND		4.3	0.21	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1
tert-Butylbenzene	ND		4.3	0.44	ug/Kg	☼	09/08/22 10:00	09/08/22 23:40	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
column bleed	*17*	*T J*	*ug/Kg*	☼	*9.59*		*09/08/22 10:00*	*09/08/22 23:40*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*	*09/08/22 10:00*	*09/08/22 23:40*	*1*
4-Bromofluorobenzene (Surr)	*85*		*72 - 126*	*09/08/22 10:00*	*09/08/22 23:40*	*1*
Toluene-d8 (Surr)	*120*		*71 - 125*	*09/08/22 10:00*	*09/08/22 23:40*	*1*
Dibromofluoromethane (Surr)	*97*		*60 - 140*	*09/08/22 10:00*	*09/08/22 23:40*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		190	28	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
bis (2-chloroisopropyl) ether	ND		190	38	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
2,4,5-Trichlorophenol	ND		190	52	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
2,4,6-Trichlorophenol	ND		190	38	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
2,4-Dichlorophenol	ND	F2	190	20	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
2,4-Dimethylphenol	ND		190	46	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
2,4-Dinitrophenol	ND		1900	880	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
2,4-Dinitrotoluene	ND		190	39	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
2,6-Dinitrotoluene	ND		190	22	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
2-Chloronaphthalene	ND		190	31	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
1,4-Dioxane	ND		110	62	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
2-Chlorophenol	ND		370	35	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
2-Methylnaphthalene	ND		190	38	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
2-Methylphenol	ND		190	22	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
2-Nitroaniline	ND		370	28	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
2-Nitrophenol	ND	F2	190	54	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
3,3'-Dichlorobenzidine	ND		370	220	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
3-Nitroaniline	ND		370	53	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
4,6-Dinitro-2-methylphenol	ND		370	190	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
4-Bromophenyl phenyl ether	ND		190	27	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
4-Chloro-3-methylphenol	ND		190	47	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
4-Chloroaniline	ND		190	47	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
4-Chlorophenyl phenyl ether	ND		190	24	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
4-Methylphenol	ND		370	22	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
4-Nitroaniline	ND		370	100	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
4-Nitrophenol	ND		370	130	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Acenaphthene	ND		190	28	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Acenaphthylene	ND		190	25	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Acetophenone	ND		190	26	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1

Client Sample ID: SB-22 (7-10`)
Date Collected: 09/06/22 11:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-1
Matrix: Solid
Percent Solids: 88.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		190	47	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Atrazine	ND		190	66	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Benzaldehyde	ND		190	150	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Benzo[a]anthracene	ND		190	19	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Benzo[a]pyrene	ND		190	28	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Benzo[b]fluoranthene	ND	F2	190	30	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Benzo[g,h,i]perylene	ND		190	20	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Benzo[k]fluoranthene	ND		190	25	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Bis(2-chloroethoxy)methane	ND	F2	190	40	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Bis(2-chloroethyl)ether	ND		190	25	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Bis(2-ethylhexyl) phthalate	ND		190	65	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Butyl benzyl phthalate	ND		190	31	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Caprolactam	ND		190	57	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Carbazole	ND		190	22	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Chrysene	ND		190	43	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Di-n-butyl phthalate	ND		190	33	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Di-n-octyl phthalate	ND		190	22	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Dibenz(a,h)anthracene	ND		190	34	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Dibenzofuran	ND		190	22	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Diethyl phthalate	ND		190	25	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Dimethyl phthalate	ND		190	22	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Fluoranthene	ND		190	20	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Fluorene	ND		190	22	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Hexachlorobenzene	ND		190	26	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Hexachlorobutadiene	ND		190	28	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Hexachlorocyclopentadiene	ND		190	26	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Hexachloroethane	ND		190	25	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Indeno[1,2,3-cd]pyrene	ND		190	24	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Isophorone	ND	F2	190	40	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
N-Nitrosodi-n-propylamine	ND		190	33	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
N-Nitrosodiphenylamine	ND		190	160	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Naphthalene	ND		190	25	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Nitrobenzene	ND		190	21	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Pentachlorophenol	ND		370	190	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Phenanthrene	ND		190	28	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Phenol	ND		190	29	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1
Pyrene	ND		190	22	ug/Kg	☼	09/08/22 16:05	09/09/22 18:03	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*2700*	*T J*	*ug/Kg*	☼	*1.68*		*09/08/22 16:05*	*09/09/22 18:03*	*1*
Unknown	*4100*	*T J*	*ug/Kg*	☼	*1.81*		*09/08/22 16:05*	*09/09/22 18:03*	*1*
Unknown	*720*	*T J*	*ug/Kg*	☼	*3.05*		*09/08/22 16:05*	*09/09/22 18:03*	*1*
As-Indacene, 1,2,3,6,7,8-hexahydro-1,1,6,6-tetramethyl-4-(1-	*260*	*T J N*	*ug/Kg*	☼	*11.45*	*17465-47-3*	*09/08/22 16:05*	*09/09/22 18:03*	*1*
4b,8-Dimethyl-2-isopropylphenanthrene, 4b,5,6,7,8,8a,9,10-oc	*400*	*T J N*	*ug/Kg*	☼	*11.59*	*1000197-14-1*	*09/08/22 16:05*	*09/09/22 18:03*	*1*
3-Quinolinecarbonitrile, 2-bromo-5,6,7,8-tetrahydro-	*360*	*T J N*	*ug/Kg*	☼	*11.88*	*65242-28-6*	*09/08/22 16:05*	*09/09/22 18:03*	*1*
Phenanthrene, 1-methyl-7-(1-methylethyl)-	*950*	*T J N*	*ug/Kg*	☼	*12.28*	*483-65-8*	*09/08/22 16:05*	*09/09/22 18:03*	*1*

Client Sample ID: SB-22 (7-10`)
Date Collected: 09/06/22 11:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-1
Matrix: Solid
Percent Solids: 88.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	430	T J	ug/Kg	☼	12.41		09/08/22 16:05	09/09/22 18:03	1
Heptadecane	270	T J N	ug/Kg	☼	12.70	629-78-7	09/08/22 16:05	09/09/22 18:03	1
Docosane	380	T J N	ug/Kg	☼	12.97	629-97-0	09/08/22 16:05	09/09/22 18:03	1
Tricosane	440	T J N	ug/Kg	☼	13.24	638-67-5	09/08/22 16:05	09/09/22 18:03	1
Hexadecane	420	T J N	ug/Kg	☼	13.50	544-76-3	09/08/22 16:05	09/09/22 18:03	1
Octacosane	360	T J N	ug/Kg	☼	13.75	630-02-4	09/08/22 16:05	09/09/22 18:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	90		54 - 120	09/08/22 16:05	09/09/22 18:03	1
2-Fluorobiphenyl	89		60 - 120	09/08/22 16:05	09/09/22 18:03	1
2-Fluorophenol	78		52 - 120	09/08/22 16:05	09/09/22 18:03	1
Nitrobenzene-d5	87		53 - 120	09/08/22 16:05	09/09/22 18:03	1
p-Terphenyl-d14	98		79 - 130	09/08/22 16:05	09/09/22 18:03	1
Phenol-d5	80		54 - 120	09/08/22 16:05	09/09/22 18:03	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**0.56**	**J B**	1.8	0.36	ug/Kg	☼	09/13/22 16:09	09/14/22 11:56	1
4,4'-DDE	ND		1.8	0.39	ug/Kg	☼	09/13/22 16:09	09/14/22 11:56	1
4,4'-DDT	ND		1.8	0.43	ug/Kg	☼	09/13/22 16:09	09/14/22 11:56	1
Aldrin	ND		1.8	0.45	ug/Kg	☼	09/13/22 16:09	09/14/22 11:56	1
alpha-BHC	ND		1.8	0.33	ug/Kg	☼	09/13/22 16:09	09/14/22 11:56	1
cis-Chlordane	ND		1.8	0.92	ug/Kg	☼	09/13/22 16:09	09/14/22 11:56	1
beta-BHC	ND		1.8	0.33	ug/Kg	☼	09/13/22 16:09	09/14/22 11:56	1
delta-BHC	ND		1.8	0.34	ug/Kg	☼	09/13/22 16:09	09/14/22 11:56	1
Dieldrin	ND		1.8	0.44	ug/Kg	☼	09/13/22 16:09	09/14/22 11:56	1
Endosulfan I	ND		1.8	0.35	ug/Kg	☼	09/13/22 16:09	09/14/22 11:56	1
Endosulfan II	ND		1.8	0.33	ug/Kg	☼	09/13/22 16:09	09/14/22 11:56	1
Endosulfan sulfate	ND		1.8	0.34	ug/Kg	☼	09/13/22 16:09	09/14/22 11:56	1
Endrin	ND		1.8	0.37	ug/Kg	☼	09/13/22 16:09	09/14/22 11:56	1
Endrin aldehyde	**0.66**	**J B *+**	1.8	0.47	ug/Kg	☼	09/13/22 16:09	09/14/22 11:56	1
Endrin ketone	ND		1.8	0.45	ug/Kg	☼	09/13/22 16:09	09/14/22 11:56	1
gamma-BHC (Lindane)	ND		1.8	0.34	ug/Kg	☼	09/13/22 16:09	09/14/22 11:56	1
trans-Chlordane	ND		1.8	0.59	ug/Kg	☼	09/13/22 16:09	09/14/22 11:56	1
Heptachlor	ND		1.8	0.40	ug/Kg	☼	09/13/22 16:09	09/14/22 11:56	1
Heptachlor epoxide	ND		1.8	0.48	ug/Kg	☼	09/13/22 16:09	09/14/22 11:56	1
Methoxychlor	ND		1.8	0.38	ug/Kg	☼	09/13/22 16:09	09/14/22 11:56	1
Toxaphene	ND		18	11	ug/Kg	☼	09/13/22 16:09	09/14/22 11:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	82		45 - 120	09/13/22 16:09	09/14/22 11:56	1
DCB Decachlorobiphenyl	103		45 - 120	09/13/22 16:09	09/14/22 11:56	1
Tetrachloro-m-xylene	80		30 - 124	09/13/22 16:09	09/14/22 11:56	1
Tetrachloro-m-xylene	82		30 - 124	09/13/22 16:09	09/14/22 11:56	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.22	0.043	mg/Kg	☼	09/08/22 16:16	09/12/22 17:19	1
PCB-1221	ND		0.22	0.043	mg/Kg	☼	09/08/22 16:16	09/12/22 17:19	1
PCB-1232	ND		0.22	0.043	mg/Kg	☼	09/08/22 16:16	09/12/22 17:19	1

Client Sample ID: SB-22 (7-10`)

Date Collected: 09/06/22 11:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-1

Matrix: Solid
Percent Solids: 88.4

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		0.22	0.043	mg/Kg	☼	09/08/22 16:16	09/12/22 17:19	1
PCB-1248	ND		0.22	0.043	mg/Kg	☼	09/08/22 16:16	09/12/22 17:19	1
PCB-1254	ND		0.22	0.10	mg/Kg	☼	09/08/22 16:16	09/12/22 17:19	1
PCB-1260	ND		0.22	0.10	mg/Kg	☼	09/08/22 16:16	09/12/22 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*90*		*60 - 154*	*09/08/22 16:16*	*09/12/22 17:19*	*1*
Tetrachloro-m-xylene	*98*		*60 - 154*	*09/08/22 16:16*	*09/12/22 17:19*	*1*
DCB Decachlorobiphenyl	*102*		*65 - 174*	*09/08/22 16:16*	*09/12/22 17:19*	*1*
DCB Decachlorobiphenyl	*112*		*65 - 174*	*09/08/22 16:16*	*09/12/22 17:19*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		19	6.0	ug/Kg	☼	09/15/22 06:58	09/20/22 15:49	1
Silvex (2,4,5-TP)	ND		19	6.8	ug/Kg	☼	09/15/22 06:58	09/20/22 15:49	1
2,4-D	ND		19	12	ug/Kg	☼	09/15/22 06:58	09/20/22 15:49	1
Dichlorprop	ND		19	9.4	ug/Kg	☼	09/15/22 06:58	09/20/22 15:49	1
Pentachlorophenol	ND		19	6.1	ug/Kg	☼	09/15/22 06:58	09/20/22 15:49	1
Picloram	ND		19	8.1	ug/Kg	☼	09/15/22 06:58	09/20/22 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*70*		*28 - 129*	*09/15/22 06:58*	*09/20/22 15:49*	*1*
2,4-Dichlorophenylacetic acid	*69*		*28 - 129*	*09/15/22 06:58*	*09/20/22 15:49*	*1*

Method: 537 (Modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.22	0.021	ng/g	☼	09/12/22 17:10	09/15/22 06:13	1
Perfluoroheptanoic acid	ND		0.22	0.027	ng/g	☼	09/12/22 17:10	09/15/22 06:13	1
Perfluorooctanoic acid	**0.051**	**J**	0.22	0.025	ng/g	☼	09/12/22 17:10	09/15/22 06:13	1
Perfluorononanoic acid	ND		0.22	0.026	ng/g	☼	09/12/22 17:10	09/15/22 06:13	1
Perfluorodecanoic acid	ND		0.22	0.027	ng/g	☼	09/12/22 17:10	09/15/22 06:13	1
Perfluorotridecanoic acid	ND		0.22	0.024	ng/g	☼	09/12/22 17:10	09/15/22 06:13	1
Perfluorotetradecanoic acid	ND		0.22	0.027	ng/g	☼	09/12/22 17:10	09/15/22 06:13	1
Perfluorobutanesulfonic acid	ND		0.45	0.41	ng/g	☼	09/12/22 17:10	09/15/22 06:13	1
Perfluorohexanesulfonic acid	ND		0.22	0.021	ng/g	☼	09/12/22 17:10	09/15/22 06:13	1
Perfluorooctanesulfonic acid	**0.059**	**J**	0.22	0.039	ng/g	☼	09/12/22 17:10	09/15/22 06:13	1
NEtFOSAA	ND		0.22	0.025	ng/g	☼	09/12/22 17:10	09/15/22 06:13	1
NMeFOSAA	ND		0.22	0.035	ng/g	☼	09/12/22 17:10	09/15/22 06:13	1
Perfluoroheptanesulfonic acid	ND		0.22	0.022	ng/g	☼	09/12/22 17:10	09/15/22 06:13	1
Perfluorodecanesulfonic acid	ND		0.22	0.024	ng/g	☼	09/12/22 17:10	09/15/22 06:13	1
Perfluorooctanesulfonamide	ND		0.22	0.024	ng/g	☼	09/12/22 17:10	09/15/22 06:13	1
Perfluorobutanoic acid	ND		0.22	0.027	ng/g	☼	09/12/22 17:10	09/15/22 06:13	1
Perfluoroundecanoic acid	ND		0.22	0.063	ng/g	☼	09/12/22 17:10	09/15/22 06:13	1
Perfluorododecanoic acid	ND		0.22	0.026	ng/g	☼	09/12/22 17:10	09/15/22 06:13	1
6:2 Fluorotelomer sulfonic acid	ND		0.22	0.055	ng/g	☼	09/12/22 17:10	09/15/22 06:13	1
8:2 Fluorotelomer sulfonic acid	ND		0.22	0.019	ng/g	☼	09/12/22 17:10	09/15/22 06:13	1
Perfluoropentanoic acid	ND		0.22	0.027	ng/g	☼	09/12/22 17:10	09/15/22 06:13	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-8:2 FTS	*207*	*5+*	*15 - 200*	*09/12/22 17:10*	*09/15/22 06:13*	*1*
M2-6:2 FTS	*193*		*10 - 200*	*09/12/22 17:10*	*09/15/22 06:13*	*1*

Client Sample ID: SB-22 (7-10`)

Date Collected: 09/06/22 11:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-1

Matrix: Solid
Percent Solids: 88.4

Method: 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	99		10 - 174	09/12/22 17:10	09/15/22 06:13	1
13C4 PFHpA	98		10 - 178	09/12/22 17:10	09/15/22 06:13	1
13C8 PFOA	105		26 - 159	09/12/22 17:10	09/15/22 06:13	1
13C9 PFNA	125		26 - 165	09/12/22 17:10	09/15/22 06:13	1
13C6 PFDA	104		26 - 161	09/12/22 17:10	09/15/22 06:13	1
13C7 PFUnA	133		12 - 173	09/12/22 17:10	09/15/22 06:13	1
13C2-PFDoDA	108		11 - 166	09/12/22 17:10	09/15/22 06:13	1
13C2 PFTeDA	98		10 - 169	09/12/22 17:10	09/15/22 06:13	1
13C3 PFBS	119		27 - 179	09/12/22 17:10	09/15/22 06:13	1
13C3 PFHxS	106		24 - 171	09/12/22 17:10	09/15/22 06:13	1
13C8 PFOS	114		41 - 154	09/12/22 17:10	09/15/22 06:13	1
d3-NMeFOSAA	64		10 - 178	09/12/22 17:10	09/15/22 06:13	1
d5-NEtFOSAA	89		10 - 193	09/12/22 17:10	09/15/22 06:13	1
13C8 FOSA	51		14 - 163	09/12/22 17:10	09/15/22 06:13	1
13C4 PFBA	102		28 - 153	09/12/22 17:10	09/15/22 06:13	1
13C5 PFPeA	111		24 - 161	09/12/22 17:10	09/15/22 06:13	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5030**		11.9	5.2	mg/Kg	☼	09/08/22 13:56	09/09/22 21:29	1
Antimony	ND		17.8	0.48	mg/Kg	☼	09/08/22 13:56	09/09/22 21:29	1
Arsenic	**4.9**		2.4	0.48	mg/Kg	☼	09/08/22 13:56	09/09/22 21:29	1
Barium	**28.3**		0.59	0.13	mg/Kg	☼	09/08/22 13:56	09/09/22 21:29	1
Beryllium	**0.24**		0.24	0.033	mg/Kg	☼	09/08/22 13:56	09/09/22 21:29	1
Cadmium	ND		0.24	0.036	mg/Kg	☼	09/08/22 13:56	09/09/22 21:29	1
Calcium	**148000**	**B**	119	7.9	mg/Kg	☼	09/08/22 13:56	09/12/22 18:06	2
Chromium	**11.9**		0.59	0.24	mg/Kg	☼	09/08/22 13:56	09/09/22 21:29	1
Cobalt	**4.1**		0.59	0.059	mg/Kg	☼	09/08/22 13:56	09/09/22 21:29	1
Copper	**18.4**		2.4	0.50	mg/Kg	☼	09/08/22 13:56	09/12/22 18:06	2
Iron	**9290**		11.9	4.2	mg/Kg	☼	09/08/22 13:56	09/09/22 21:29	1
Lead	**13.2**	**B**	1.2	0.29	mg/Kg	☼	09/08/22 13:56	09/09/22 21:29	1
Magnesium	**4320**	**B**	23.8	1.1	mg/Kg	☼	09/08/22 13:56	09/09/22 21:29	1
Manganese	**181**		0.24	0.038	mg/Kg	☼	09/08/22 13:56	09/09/22 21:29	1
Nickel	**14.0**		5.9	0.27	mg/Kg	☼	09/08/22 13:56	09/09/22 21:29	1
Potassium	**1350**		35.7	23.8	mg/Kg	☼	09/08/22 13:56	09/09/22 21:29	1
Selenium	ND		4.8	0.48	mg/Kg	☼	09/08/22 13:56	09/09/22 21:29	1
Silver	ND		0.71	0.24	mg/Kg	☼	09/08/22 13:56	09/09/22 21:29	1
Sodium	**467**		167	15.5	mg/Kg	☼	09/08/22 13:56	09/09/22 21:29	1
Thallium	ND		7.1	0.36	mg/Kg	☼	09/08/22 13:56	09/09/22 21:29	1
Vanadium	**11.5**		0.59	0.13	mg/Kg	☼	09/08/22 13:56	09/09/22 21:29	1
Zinc	**26.7**		2.4	0.76	mg/Kg	☼	09/08/22 13:56	09/09/22 21:29	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0059**	**J**	0.023	0.0054	mg/Kg	☼	09/09/22 11:27	09/09/22 13:55	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201357-1

Client Sample ID: SB-25 (4-6`)
Date Collected: 09/06/22 15:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-2
Matrix: Solid
Percent Solids: 75.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		340	93	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
1,1,2,2-Tetrachloroethane	ND		340	54	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		340	170	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
1,1,2-Trichloroethane	ND		340	70	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
1,1-Dichloroethane	ND		340	100	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
1,1-Dichloroethene	ND		340	120	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
1,2,4-Trichlorobenzene	ND		340	130	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
1,2,4-Trimethylbenzene	**850**		340	94	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
1,2-Dibromo-3-Chloropropane	ND		340	170	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
1,2-Dichlorobenzene	ND		340	85	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
1,2-Dichloroethane	ND		340	140	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
1,2-Dichloropropane	ND		340	54	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
1,3,5-Trimethylbenzene	**250**	**J**	340	100	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
1,3-Dichlorobenzene	ND		340	90	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
1,4-Dichlorobenzene	ND		340	47	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
2-Butanone (MEK)	ND		1700	1000	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
2-Hexanone	ND		1700	690	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
4-Isopropyltoluene	ND		340	110	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
4-Methyl-2-pentanone (MIBK)	ND	*-	1700	110	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Acetone	ND		1700	1400	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Benzene	**140**	**J**	340	64	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Bromoform	ND		340	170	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Bromomethane	ND		340	74	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Carbon disulfide	ND		340	150	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Carbon tetrachloride	ND		340	85	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Chlorobenzene	ND		340	44	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Dibromochloromethane	ND		340	160	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Chloroethane	ND		340	70	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Chloroform	ND		340	230	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Chloromethane	ND		340	80	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
cis-1,2-Dichloroethene	ND		340	93	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Cyclohexane	**520**		340	74	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Bromodichloromethane	ND		340	67	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Dichlorodifluoromethane	ND		340	150	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Ethylbenzene	**420**		340	98	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
1,2-Dibromoethane	ND		340	59	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Isopropylbenzene	**84**	**J**	340	50	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Methyl acetate	ND		1700	160	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Methyl tert-butyl ether	ND		340	130	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Methylcyclohexane	**1500**		340	160	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Methylene Chloride	ND	*+	340	66	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
m,p-Xylene	**3100**		670	190	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Naphthalene	**450**		340	110	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
n-Butylbenzene	ND		340	98	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
N-Propylbenzene	**220**	**J**	340	88	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
o-Xylene	**590**		340	44	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
sec-Butylbenzene	ND		340	120	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Tetrachloroethene	ND		340	45	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Toluene	**1000**		340	90	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2

Client Sample ID: SB-25 (4-6`)
Date Collected: 09/06/22 15:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-2
Matrix: Solid
Percent Solids: 75.4

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		340	79	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
trans-1,3-Dichloropropene	ND	*+	340	33	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Trichloroethene	ND		340	93	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Trichlorofluoromethane	ND		340	160	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Vinyl chloride	ND		340	110	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Xylenes, Total	**3700**		670	190	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
cis-1,3-Dichloropropene	ND		340	80	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
Styrene	ND		340	81	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2
tert-Butylbenzene	ND		340	93	ug/Kg	☼	09/12/22 12:48	09/13/22 15:41	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclohexane, 1,3-dimethyl-, cis-	*5600*	*T H J N*	*ug/Kg*	☼	*6.25*	*638-04-0*	*09/12/22 12:48*	*09/13/22 15:41*	*2*
Unknown	*5100*	*T H J*	*ug/Kg*	☼	*8.36*		*09/12/22 12:48*	*09/13/22 15:41*	*2*
Unknown	*6600*	*T H J*	*ug/Kg*	☼	*8.69*		*09/12/22 12:48*	*09/13/22 15:41*	*2*
Unknown	*4000*	*T H J*	*ug/Kg*	☼	*11.13*		*09/12/22 12:48*	*09/13/22 15:41*	*2*
Cyclohexane, pentyl-	*4600*	*T H J N*	*ug/Kg*	☼	*11.22*	*4292-92-6*	*09/12/22 12:48*	*09/13/22 15:41*	*2*
Benzene, 1-methyl-4-(1-methyl-2-propenyl)-	*6700*	*T H J N*	*ug/Kg*	☼	*12.14*	*97664-18-1*	*09/12/22 12:48*	*09/13/22 15:41*	*2*
1H-Indene, 2,3-dihydro-1,2-dimethyl-	*6700*	*T H J N*	*ug/Kg*	☼	*12.73*	*17057-82-8*	*09/12/22 12:48*	*09/13/22 15:41*	*2*
Unknown	*5100*	*T H J*	*ug/Kg*	☼	*12.90*		*09/12/22 12:48*	*09/13/22 15:41*	*2*
Naphthalene, 1,2,3,4-tetrahydro-1,4-dimethyl-	*6400*	*T H J N*	*ug/Kg*	☼	*13.02*	*4175-54-6*	*09/12/22 12:48*	*09/13/22 15:41*	*2*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*53 - 146*	*09/12/22 12:48*	*09/13/22 15:41*	*2*
4-Bromofluorobenzene (Surr)	*91*		*49 - 148*	*09/12/22 12:48*	*09/13/22 15:41*	*2*
Toluene-d8 (Surr)	*81*		*50 - 149*	*09/12/22 12:48*	*09/13/22 15:41*	*2*
Dibromofluoromethane (Surr)	*98*		*60 - 140*	*09/12/22 12:48*	*09/13/22 15:41*	*2*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		220	33	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
bis (2-chloroisopropyl) ether	ND		220	44	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
2,4,5-Trichlorophenol	ND		220	60	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
2,4,6-Trichlorophenol	ND		220	44	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
2,4-Dichlorophenol	ND		220	24	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
2,4-Dimethylphenol	ND		220	54	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
2,4-Dinitrophenol	ND		2200	1000	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
2,4-Dinitrotoluene	ND		220	46	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
2,6-Dinitrotoluene	ND		220	26	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
2-Chloronaphthalene	ND		220	37	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
1,4-Dioxane	ND		130	72	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
2-Chlorophenol	ND		430	41	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
2-Methylnaphthalene	**130**	**J**	220	44	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
2-Methylphenol	ND		220	26	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
2-Nitroaniline	ND		430	33	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
2-Nitrophenol	ND		220	63	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
3,3'-Dichlorobenzidine	ND		430	260	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
3-Nitroaniline	ND		430	62	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
4,6-Dinitro-2-methylphenol	ND		430	220	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
4-Bromophenyl phenyl ether	ND		220	31	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1

Client Sample ID: SB-25 (4-6`)
Date Collected: 09/06/22 15:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-2
Matrix: Solid
Percent Solids: 75.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	ND		220	55	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
4-Chloroaniline	ND		220	55	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
4-Chlorophenyl phenyl ether	ND		220	27	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
4-Methylphenol	ND		430	26	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
4-Nitroaniline	ND		430	120	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
4-Nitrophenol	ND		430	160	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Acenaphthene	**61**	**J**	220	33	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Acenaphthylene	ND		220	29	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Acetophenone	ND		220	30	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Anthracene	**250**		220	55	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Atrazine	ND		220	77	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Benzaldehyde	ND		220	180	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Benzo[a]anthracene	**210**	**J**	220	22	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Benzo[a]pyrene	**130**	**J**	220	33	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Benzo[b]fluoranthene	**180**	**J**	220	35	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Benzo[g,h,i]perylene	**110**	**J**	220	24	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Benzo[k]fluoranthene	**66**	**J**	220	29	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Bis(2-chloroethoxy)methane	ND		220	47	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Bis(2-chloroethyl)ether	ND		220	29	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Bis(2-ethylhexyl) phthalate	ND		220	76	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Butyl benzyl phthalate	ND		220	37	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Caprolactam	ND		220	67	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Carbazole	ND		220	26	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Chrysene	**400**		220	50	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Di-n-butyl phthalate	ND		220	38	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Di-n-octyl phthalate	ND		220	26	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Dibenz(a,h)anthracene	**47**	**J**	220	39	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Dibenzofuran	ND		220	26	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Diethyl phthalate	ND		220	29	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Dimethyl phthalate	ND		220	26	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Fluoranthene	**310**		220	24	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Fluorene	ND		220	26	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Hexachlorobenzene	ND		220	30	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Hexachlorobutadiene	ND		220	33	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Hexachlorocyclopentadiene	ND		220	30	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Hexachloroethane	ND		220	29	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Indeno[1,2,3-cd]pyrene	**83**	**J**	220	27	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Isophorone	ND		220	47	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
N-Nitrosodi-n-propylamine	ND		220	38	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
N-Nitrosodiphenylamine	**350**		220	180	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Naphthalene	**100**	**J**	220	29	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Nitrobenzene	ND		220	25	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Pentachlorophenol	ND		430	220	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Phenanthrene	**710**		220	33	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Phenol	ND		220	34	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1
Pyrene	**430**		220	26	ug/Kg	☼	09/08/22 16:05	09/09/22 18:27	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*13000*	*T J*	*ug/Kg*	☼	*1.80*		*09/08/22 16:05*	*09/09/22 18:27*	*1*
Unknown	*1600*	*T J*	*ug/Kg*	☼	*8.08*		*09/08/22 16:05*	*09/09/22 18:27*	*1*

Client Sample ID: SB-25 (4-6`)
Date Collected: 09/06/22 15:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-2
Matrix: Solid
Percent Solids: 75.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	1600	T J	ug/Kg	☼	8.42		09/08/22 16:05	09/09/22 18:27	1
Unknown	1300	T J	ug/Kg	☼	8.46		09/08/22 16:05	09/09/22 18:27	1
Cyclohexane, octyl-	1400	T J N	ug/Kg	☼	8.76	1795-15-9	09/08/22 16:05	09/09/22 18:27	1
Unknown	2500	T J	ug/Kg	☼	8.78		09/08/22 16:05	09/09/22 18:27	1
Unknown	1300	T J	ug/Kg	☼	8.92		09/08/22 16:05	09/09/22 18:27	1
Unknown	1200	T J	ug/Kg	☼	9.15		09/08/22 16:05	09/09/22 18:27	1
Naphthalene, 2,3,6-trimethyl-	1100	T J N	ug/Kg	☼	9.28	829-26-5	09/08/22 16:05	09/09/22 18:27	1
n-Nonylcyclohexane	1100	T J N	ug/Kg	☼	9.39	2883-02-5	09/08/22 16:05	09/09/22 18:27	1
Unknown	2200	T J	ug/Kg	☼	9.40		09/08/22 16:05	09/09/22 18:27	1
Unknown	1400	T J	ug/Kg	☼	9.51		09/08/22 16:05	09/09/22 18:27	1
Unknown	2700	T J	ug/Kg	☼	9.66		09/08/22 16:05	09/09/22 18:27	1
Unknown	1400	T J	ug/Kg	☼	9.73		09/08/22 16:05	09/09/22 18:27	1
Unknown	1800	T J	ug/Kg	☼	10.08		09/08/22 16:05	09/09/22 18:27	1
Pentadecane, 2,6,10,14-tetramethyl-	12000	T J N	ug/Kg	☼	10.17	1921-70-6	09/08/22 16:05	09/09/22 18:27	1
Unknown	3000	T J	ug/Kg	☼	10.40		09/08/22 16:05	09/09/22 18:27	1
Unknown	1400	T J	ug/Kg	☼	10.52		09/08/22 16:05	09/09/22 18:27	1
Tetradecane	4800	T J N	ug/Kg	☼	11.01	629-59-4	09/08/22 16:05	09/09/22 18:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	110		54 - 120	09/08/22 16:05	09/09/22 18:27	1
2-Fluorobiphenyl	96		60 - 120	09/08/22 16:05	09/09/22 18:27	1
2-Fluorophenol	80		52 - 120	09/08/22 16:05	09/09/22 18:27	1
Nitrobenzene-d5	91		53 - 120	09/08/22 16:05	09/09/22 18:27	1
p-Terphenyl-d14	83		79 - 130	09/08/22 16:05	09/09/22 18:27	1
Phenol-d5	79		54 - 120	09/08/22 16:05	09/09/22 18:27	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**7.6**	**J B**	22	4.2	ug/Kg	☼	09/13/22 16:09	09/14/22 12:16	10
4,4'-DDE	ND		22	4.6	ug/Kg	☼	09/13/22 16:09	09/14/22 12:16	10
4,4'-DDT	**24**		22	5.1	ug/Kg	☼	09/13/22 16:09	09/14/22 12:16	10
Aldrin	ND		22	5.4	ug/Kg	☼	09/13/22 16:09	09/14/22 12:16	10
alpha-BHC	ND		22	3.9	ug/Kg	☼	09/13/22 16:09	09/14/22 12:16	10
cis-Chlordane	ND		22	11	ug/Kg	☼	09/13/22 16:09	09/14/22 12:16	10
beta-BHC	ND		22	3.9	ug/Kg	☼	09/13/22 16:09	09/14/22 12:16	10
delta-BHC	ND		22	4.1	ug/Kg	☼	09/13/22 16:09	09/14/22 12:16	10
Dieldrin	ND		22	5.2	ug/Kg	☼	09/13/22 16:09	09/14/22 12:16	10
Endosulfan I	ND		22	4.2	ug/Kg	☼	09/13/22 16:09	09/14/22 12:16	10
Endosulfan II	ND		22	3.9	ug/Kg	☼	09/13/22 16:09	09/14/22 12:16	10
Endosulfan sulfate	ND		22	4.1	ug/Kg	☼	09/13/22 16:09	09/14/22 12:16	10
Endrin	ND		22	4.3	ug/Kg	☼	09/13/22 16:09	09/14/22 12:16	10
Endrin aldehyde	ND	*+	22	5.6	ug/Kg	☼	09/13/22 16:09	09/14/22 12:16	10
Endrin ketone	**10**	**J**	22	5.4	ug/Kg	☼	09/13/22 16:09	09/14/22 12:16	10
gamma-BHC (Lindane)	ND		22	4.0	ug/Kg	☼	09/13/22 16:09	09/14/22 12:16	10
trans-Chlordane	ND		22	6.9	ug/Kg	☼	09/13/22 16:09	09/14/22 12:16	10
Heptachlor	ND		22	4.7	ug/Kg	☼	09/13/22 16:09	09/14/22 12:16	10
Heptachlor epoxide	ND		22	5.6	ug/Kg	☼	09/13/22 16:09	09/14/22 12:16	10
Methoxychlor	**21**	**J**	22	4.5	ug/Kg	☼	09/13/22 16:09	09/14/22 12:16	10
Toxaphene	ND		220	130	ug/Kg	☼	09/13/22 16:09	09/14/22 12:16	10

Client Sample ID: SB-25 (4-6`)
Date Collected: 09/06/22 15:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-2
Matrix: Solid
Percent Solids: 75.4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*200*	*S1+*	*45 - 120*	*09/13/22 16:09*	*09/14/22 12:16*	*10*
DCB Decachlorobiphenyl	*215*	*S1+*	*45 - 120*	*09/13/22 16:09*	*09/14/22 12:16*	*10*
Tetrachloro-m-xylene	*78*		*30 - 124*	*09/13/22 16:09*	*09/14/22 12:16*	*10*
Tetrachloro-m-xylene	*74*		*30 - 124*	*09/13/22 16:09*	*09/14/22 12:16*	*10*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.30	0.059	mg/Kg	☼	09/08/22 16:16	09/12/22 17:32	1
PCB-1221	ND		0.30	0.059	mg/Kg	☼	09/08/22 16:16	09/12/22 17:32	1
PCB-1232	ND		0.30	0.059	mg/Kg	☼	09/08/22 16:16	09/12/22 17:32	1
PCB-1242	ND		0.30	0.059	mg/Kg	☼	09/08/22 16:16	09/12/22 17:32	1
PCB-1248	ND		0.30	0.059	mg/Kg	☼	09/08/22 16:16	09/12/22 17:32	1
PCB-1254	ND		0.30	0.14	mg/Kg	☼	09/08/22 16:16	09/12/22 17:32	1
PCB-1260	ND		0.30	0.14	mg/Kg	☼	09/08/22 16:16	09/12/22 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*68*		*60 - 154*	*09/08/22 16:16*	*09/12/22 17:32*	*1*
Tetrachloro-m-xylene	*80*		*60 - 154*	*09/08/22 16:16*	*09/12/22 17:32*	*1*
DCB Decachlorobiphenyl	*87*		*65 - 174*	*09/08/22 16:16*	*09/12/22 17:32*	*1*
DCB Decachlorobiphenyl	*110*		*65 - 174*	*09/08/22 16:16*	*09/12/22 17:32*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		22	6.9	ug/Kg	☼	09/15/22 06:58	09/20/22 16:07	1
Silvex (2,4,5-TP)	ND		22	7.8	ug/Kg	☼	09/15/22 06:58	09/20/22 16:07	1
2,4-D	ND		22	14	ug/Kg	☼	09/15/22 06:58	09/20/22 16:07	1
Dichlorprop	ND		22	11	ug/Kg	☼	09/15/22 06:58	09/20/22 16:07	1
Pentachlorophenol	ND		22	7.1	ug/Kg	☼	09/15/22 06:58	09/20/22 16:07	1
Picloram	ND		22	9.3	ug/Kg	☼	09/15/22 06:58	09/20/22 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*85*		*28 - 129*	*09/15/22 06:58*	*09/20/22 16:07*	*1*
2,4-Dichlorophenylacetic acid	*79*		*28 - 129*	*09/15/22 06:58*	*09/20/22 16:07*	*1*

Method: 537 (Modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.26	0.025	ng/g	☼	09/12/22 17:10	09/19/22 11:17	1
Perfluoroheptanoic acid	ND		0.26	0.032	ng/g	☼	09/12/22 17:10	09/19/22 11:17	1
Perfluorooctanoic acid	ND		0.26	0.029	ng/g	☼	09/12/22 17:10	09/19/22 11:17	1
Perfluorononanoic acid	ND		0.26	0.030	ng/g	☼	09/12/22 17:10	09/19/22 11:17	1
Perfluorodecanoic acid	ND		0.26	0.032	ng/g	☼	09/12/22 17:10	09/19/22 11:17	1
Perfluorotridecanoic acid	ND		0.26	0.028	ng/g	☼	09/12/22 17:10	09/19/22 11:17	1
Perfluorotetradecanoic acid	ND		0.26	0.032	ng/g	☼	09/12/22 17:10	09/19/22 11:17	1
Perfluorobutanesulfonic acid	ND		0.53	0.48	ng/g	☼	09/12/22 17:10	09/19/22 11:17	1
Perfluorohexanesulfonic acid	ND		0.26	0.025	ng/g	☼	09/12/22 17:10	09/19/22 11:17	1
Perfluorooctanesulfonic acid	ND		0.26	0.046	ng/g	☼	09/12/22 17:10	09/19/22 11:17	1
NEtFOSAA	ND		0.26	0.029	ng/g	☼	09/12/22 17:10	09/19/22 11:17	1
NMeFOSAA	ND		0.26	0.041	ng/g	☼	09/12/22 17:10	09/19/22 11:17	1
Perfluoroheptanesulfonic acid	ND		0.26	0.026	ng/g	☼	09/12/22 17:10	09/19/22 11:17	1
Perfluorodecanesulfonic acid	ND		0.26	0.028	ng/g	☼	09/12/22 17:10	09/19/22 11:17	1
Perfluorooctanesulfonamide	ND		0.26	0.028	ng/g	☼	09/12/22 17:10	09/19/22 11:17	1

Client Sample ID: SB-25 (4-6`)

Date Collected: 09/06/22 15:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-2

Matrix: Solid
Percent Solids: 75.4

Method: 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid	ND		0.26	0.032	ng/g	☼	09/12/22 17:10	09/19/22 11:17	1
Perfluoroundecanoic acid	ND		0.26	0.074	ng/g	☼	09/12/22 17:10	09/19/22 11:17	1
Perfluorododecanoic acid	ND		0.26	0.030	ng/g	☼	09/12/22 17:10	09/19/22 11:17	1
6:2 Fluorotelomer sulfonic acid	ND		0.26	0.065	ng/g	☼	09/12/22 17:10	09/19/22 11:17	1
8:2 Fluorotelomer sulfonic acid	ND		0.26	0.023	ng/g	☼	09/12/22 17:10	09/19/22 11:17	1
Perfluoropentanoic acid	ND		0.26	0.032	ng/g	☼	09/12/22 17:10	09/19/22 11:17	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-8:2 FTS	*272*	*5+*	*15 - 200*	*09/12/22 17:10*	*09/19/22 11:17*	*1*
M2-6:2 FTS	*340*	*5+*	*10 - 200*	*09/12/22 17:10*	*09/19/22 11:17*	*1*
13C5 PFHxA	*103*		*10 - 174*	*09/12/22 17:10*	*09/19/22 11:17*	*1*
13C4 PFHpA	*109*		*10 - 178*	*09/12/22 17:10*	*09/19/22 11:17*	*1*
13C8 PFOA	*111*		*26 - 159*	*09/12/22 17:10*	*09/19/22 11:17*	*1*
13C9 PFNA	*112*		*26 - 165*	*09/12/22 17:10*	*09/19/22 11:17*	*1*
13C6 PFDA	*121*		*26 - 161*	*09/12/22 17:10*	*09/19/22 11:17*	*1*
13C7 PFUnA	*108*		*12 - 173*	*09/12/22 17:10*	*09/19/22 11:17*	*1*
13C2-PFDoDA	*111*		*11 - 166*	*09/12/22 17:10*	*09/19/22 11:17*	*1*
13C2 PFTeDA	*103*		*10 - 169*	*09/12/22 17:10*	*09/19/22 11:17*	*1*
13C3 PFBS	*126*		*27 - 179*	*09/12/22 17:10*	*09/19/22 11:17*	*1*
13C3 PFHxS	*105*		*24 - 171*	*09/12/22 17:10*	*09/19/22 11:17*	*1*
13C8 PFOS	*110*		*41 - 154*	*09/12/22 17:10*	*09/19/22 11:17*	*1*
d3-NMeFOSAA	*92*		*10 - 178*	*09/12/22 17:10*	*09/19/22 11:17*	*1*
d5-NEtFOSAA	*101*		*10 - 193*	*09/12/22 17:10*	*09/19/22 11:17*	*1*
13C8 FOSA	*59*		*14 - 163*	*09/12/22 17:10*	*09/19/22 11:17*	*1*
13C4 PFBA	*116*		*28 - 153*	*09/12/22 17:10*	*09/19/22 11:17*	*1*
13C5 PFPeA	*113*		*24 - 161*	*09/12/22 17:10*	*09/19/22 11:17*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4590**		13.4	5.9	mg/Kg	☼	09/08/22 13:56	09/09/22 21:32	1
Antimony	**1.1**	**J**	20.2	0.54	mg/Kg	☼	09/08/22 13:56	09/09/22 21:32	1
Arsenic	**9.9**		2.7	0.54	mg/Kg	☼	09/08/22 13:56	09/09/22 21:32	1
Barium	**76.8**		0.67	0.15	mg/Kg	☼	09/08/22 13:56	09/09/22 21:32	1
Beryllium	**0.89**		0.27	0.038	mg/Kg	☼	09/08/22 13:56	09/09/22 21:32	1
Cadmium	**0.12**	**J**	0.27	0.040	mg/Kg	☼	09/08/22 13:56	09/09/22 21:32	1
Calcium	**2500**	**B**	67.2	4.4	mg/Kg	☼	09/08/22 13:56	09/09/22 21:32	1
Chromium	**12.7**		0.67	0.27	mg/Kg	☼	09/08/22 13:56	09/09/22 21:32	1
Cobalt	**10.5**		0.67	0.067	mg/Kg	☼	09/08/22 13:56	09/09/22 21:32	1
Copper	**42.8**		1.3	0.28	mg/Kg	☼	09/08/22 13:56	09/09/22 21:32	1
Iron	**11600**		13.4	4.7	mg/Kg	☼	09/08/22 13:56	09/09/22 21:32	1
Lead	**59.6**	**B**	1.3	0.32	mg/Kg	☼	09/08/22 13:56	09/09/22 21:32	1
Magnesium	**788**	**B**	26.9	1.2	mg/Kg	☼	09/08/22 13:56	09/09/22 21:32	1
Manganese	**36.0**		0.27	0.043	mg/Kg	☼	09/08/22 13:56	09/09/22 21:32	1
Nickel	**17.3**		6.7	0.31	mg/Kg	☼	09/08/22 13:56	09/09/22 21:32	1
Potassium	**555**		40.3	26.9	mg/Kg	☼	09/08/22 13:56	09/09/22 21:32	1
Selenium	**3.9**	**J**	5.4	0.54	mg/Kg	☼	09/08/22 13:56	09/09/22 21:32	1
Silver	ND		0.81	0.27	mg/Kg	☼	09/08/22 13:56	09/09/22 21:32	1
Sodium	**105**	**J**	188	17.5	mg/Kg	☼	09/08/22 13:56	09/09/22 21:32	1
Thallium	ND		8.1	0.40	mg/Kg	☼	09/08/22 13:56	09/09/22 21:32	1
Vanadium	**22.9**		0.67	0.15	mg/Kg	☼	09/08/22 13:56	09/09/22 21:32	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201357-1

Client Sample ID: SB-25 (4-6`)
Date Collected: 09/06/22 15:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-2
Matrix: Solid
Percent Solids: 75.4

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	42.6		2.7	0.86	mg/Kg	☼	09/08/22 13:56	09/09/22 21:32	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.083		0.025	0.0057	mg/Kg	☼	09/09/22 11:27	09/09/22 13:58	1

Client Sample ID: SB-26 (8-10`)
Date Collected: 09/07/22 10:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-3
Matrix: Solid
Percent Solids: 59.8

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.9	0.50	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
1,1,2,2-Tetrachloroethane	ND		6.9	1.1	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.9	1.6	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
1,1,2-Trichloroethane	ND		6.9	0.89	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
1,1-Dichloroethane	ND		6.9	0.84	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
1,1-Dichloroethene	ND		6.9	0.84	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
1,2,4-Trichlorobenzene	ND		6.9	0.42	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
1,2,4-Trimethylbenzene	ND		6.9	1.3	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
1,2-Dibromo-3-Chloropropane	ND		6.9	3.4	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
1,2-Dichlorobenzene	ND		6.9	0.54	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
1,2-Dichloroethane	ND		6.9	0.34	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
1,2-Dichloropropane	ND		6.9	3.4	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
1,3,5-Trimethylbenzene	ND		6.9	0.44	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
1,3-Dichlorobenzene	ND		6.9	0.35	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
1,4-Dichlorobenzene	ND		6.9	0.96	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
2-Butanone (MEK)	**21**	**J**	34	2.5	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
2-Hexanone	ND		34	3.4	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
4-Isopropyltoluene	ND		6.9	0.55	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
4-Methyl-2-pentanone (MIBK)	ND		34	2.3	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Acetone	**72**		34	5.8	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Benzene	ND		6.9	0.34	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Bromoform	ND		6.9	3.4	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Bromomethane	ND		6.9	0.62	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Carbon disulfide	ND		6.9	3.4	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Carbon tetrachloride	ND		6.9	0.66	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Chlorobenzene	ND		6.9	0.91	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Dibromochloromethane	ND		6.9	0.88	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Chloroethane	ND		6.9	1.6	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Chloroform	ND		6.9	0.42	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Chloromethane	ND		6.9	0.41	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
cis-1,2-Dichloroethene	ND		6.9	0.88	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Cyclohexane	ND		6.9	0.96	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Bromodichloromethane	ND		6.9	0.92	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Dichlorodifluoromethane	ND		6.9	0.57	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Ethylbenzene	ND		6.9	0.47	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
1,2-Dibromoethane	ND		6.9	0.88	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Isopropylbenzene	ND		6.9	1.0	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Methyl acetate	ND		34	4.1	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Methyl tert-butyl ether	ND		6.9	0.67	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Methylcyclohexane	ND		6.9	1.0	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Methylene Chloride	ND		6.9	3.2	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
m,p-Xylene	ND		14	1.2	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Naphthalene	ND		6.9	0.92	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
n-Butylbenzene	ND		6.9	0.60	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
N-Propylbenzene	ND		6.9	0.55	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
o-Xylene	ND		6.9	0.90	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
sec-Butylbenzene	ND		6.9	0.60	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Tetrachloroethene	ND		6.9	0.92	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Toluene	ND		6.9	0.52	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1

Client Sample ID: SB-26 (8-10`)
Date Collected: 09/07/22 10:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-3
Matrix: Solid
Percent Solids: 59.8

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		6.9	0.71	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
trans-1,3-Dichloropropene	ND		6.9	3.0	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Trichloroethene	ND		6.9	1.5	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Trichlorofluoromethane	ND		6.9	0.65	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Vinyl chloride	ND		6.9	0.84	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Xylenes, Total	ND		14	1.2	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
cis-1,3-Dichloropropene	ND		6.9	0.99	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
Styrene	ND		6.9	0.34	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1
tert-Butylbenzene	ND		6.9	0.71	ug/Kg	☼	09/08/22 10:00	09/09/22 00:04	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
column bleed	*41*	*T J*	*ug/Kg*	☼	*9.59*		*09/08/22 10:00*	*09/09/22 00:04*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 126*	*09/08/22 10:00*	*09/09/22 00:04*	*1*
4-Bromofluorobenzene (Surr)	*85*		*72 - 126*	*09/08/22 10:00*	*09/09/22 00:04*	*1*
Toluene-d8 (Surr)	*120*		*71 - 125*	*09/08/22 10:00*	*09/09/22 00:04*	*1*
Dibromofluoromethane (Surr)	*96*		*60 - 140*	*09/08/22 10:00*	*09/09/22 00:04*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		280	41	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
bis (2-chloroisopropyl) ether	ND		280	55	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
2,4,5-Trichlorophenol	ND		280	75	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
2,4,6-Trichlorophenol	ND		280	55	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
2,4-Dichlorophenol	ND		280	29	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
2,4-Dimethylphenol	ND		280	67	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
2,4-Dinitrophenol	ND		2700	1300	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
2,4-Dinitrotoluene	ND		280	57	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
2,6-Dinitrotoluene	ND		280	33	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
2-Chloronaphthalene	ND		280	46	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
1,4-Dioxane	ND		160	90	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
2-Chlorophenol	ND		540	51	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
2-Methylnaphthalene	ND		280	55	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
2-Methylphenol	ND		280	33	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
2-Nitroaniline	ND		540	41	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
2-Nitrophenol	ND		280	78	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
3,3'-Dichlorobenzidine	ND		540	330	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
3-Nitroaniline	ND		540	77	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
4,6-Dinitro-2-methylphenol	ND		540	280	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
4-Bromophenyl phenyl ether	ND		280	39	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
4-Chloro-3-methylphenol	ND		280	68	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
4-Chloroaniline	ND		280	68	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
4-Chlorophenyl phenyl ether	ND		280	34	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
4-Methylphenol	ND		540	33	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
4-Nitroaniline	ND		540	150	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
4-Nitrophenol	ND		540	190	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Acenaphthene	ND		280	41	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Acenaphthylene	ND		280	36	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Acetophenone	ND		280	38	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1

Client Sample ID: SB-26 (8-10`)
Date Collected: 09/07/22 10:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-3
Matrix: Solid
Percent Solids: 59.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		280	68	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Atrazine	ND		280	96	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Benzaldehyde	ND		280	220	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Benzo[a]anthracene	**77**	**J**	280	28	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Benzo[a]pyrene	**83**	**J**	280	41	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Benzo[b]fluoranthene	**100**	**J**	280	44	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Benzo[g,h,i]perylene	**67**	**J**	280	29	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Benzo[k]fluoranthene	**36**	**J**	280	36	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Bis(2-chloroethoxy)methane	ND		280	59	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Bis(2-chloroethyl)ether	ND		280	36	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Bis(2-ethylhexyl) phthalate	ND		280	95	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Butyl benzyl phthalate	ND		280	46	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Caprolactam	ND		280	83	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Carbazole	ND		280	33	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Chrysene	**86**	**J**	280	62	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Di-n-butyl phthalate	ND		280	47	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Di-n-octyl phthalate	ND		280	33	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Dibenz(a,h)anthracene	ND		280	49	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Dibenzofuran	ND		280	33	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Diethyl phthalate	ND		280	36	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Dimethyl phthalate	ND		280	33	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Fluoranthene	**130**	**J**	280	29	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Fluorene	ND		280	33	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Hexachlorobenzene	ND		280	38	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Hexachlorobutadiene	ND		280	41	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Hexachlorocyclopentadiene	ND		280	38	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Hexachloroethane	ND		280	36	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Indeno[1,2,3-cd]pyrene	**55**	**J**	280	34	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Isophorone	ND		280	59	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
N-Nitrosodi-n-propylamine	ND		280	47	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
N-Nitrosodiphenylamine	ND		280	230	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Naphthalene	ND		280	36	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Nitrobenzene	ND		280	31	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Pentachlorophenol	ND		540	280	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Phenanthrene	**110**	**J**	280	41	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Phenol	ND		280	42	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1
Pyrene	**120**	**J**	280	33	ug/Kg	☼	09/08/22 16:05	09/09/22 18:51	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*930*	*T J*	*ug/Kg*	☼	*3.05*		*09/08/22 16:05*	*09/09/22 18:51*	*1*
Butyl citrate	*480*	*T J N*	*ug/Kg*	☼	*12.04*	*77-94-1*	*09/08/22 16:05*	*09/09/22 18:51*	*1*
Octadecane	*640*	*T J N*	*ug/Kg*	☼	*12.41*	*593-45-3*	*09/08/22 16:05*	*09/09/22 18:51*	*1*
Tetracosane	*1200*	*T J N*	*ug/Kg*	☼	*12.70*	*646-31-1*	*09/08/22 16:05*	*09/09/22 18:51*	*1*
Heneicosane	*1700*	*T J N*	*ug/Kg*	☼	*12.97*	*629-94-7*	*09/08/22 16:05*	*09/09/22 18:51*	*1*
Pentacosane	*2000*	*T J N*	*ug/Kg*	☼	*13.50*	*629-99-2*	*09/08/22 16:05*	*09/09/22 18:51*	*1*
Octacosane	*1400*	*T J N*	*ug/Kg*	☼	*13.75*	*630-02-4*	*09/08/22 16:05*	*09/09/22 18:51*	*1*
Hexadecane	*1200*	*T J N*	*ug/Kg*	☼	*13.99*	*544-76-3*	*09/08/22 16:05*	*09/09/22 18:51*	*1*
Unknown	*290*	*T J*	*ug/Kg*	☼	*16.19*		*09/08/22 16:05*	*09/09/22 18:51*	*1*

Client Sample ID: SB-26 (8-10`)
Date Collected: 09/07/22 10:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-3
Matrix: Solid
Percent Solids: 59.8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	90		54 - 120	09/08/22 16:05	09/09/22 18:51	1
2-Fluorobiphenyl	83		60 - 120	09/08/22 16:05	09/09/22 18:51	1
2-Fluorophenol	70		52 - 120	09/08/22 16:05	09/09/22 18:51	1
Nitrobenzene-d5	76		53 - 120	09/08/22 16:05	09/09/22 18:51	1
p-Terphenyl-d14	94		79 - 130	09/08/22 16:05	09/09/22 18:51	1
Phenol-d5	74		54 - 120	09/08/22 16:05	09/09/22 18:51	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		2.8	0.54	ug/Kg	☼	09/13/22 16:09	09/14/22 12:35	1
4,4'-DDE	ND		2.8	0.58	ug/Kg	☼	09/13/22 16:09	09/14/22 12:35	1
4,4'-DDT	ND		2.8	0.65	ug/Kg	☼	09/13/22 16:09	09/14/22 12:35	1
Aldrin	ND		2.8	0.68	ug/Kg	☼	09/13/22 16:09	09/14/22 12:35	1
alpha-BHC	ND		2.8	0.50	ug/Kg	☼	09/13/22 16:09	09/14/22 12:35	1
cis-Chlordane	ND		2.8	1.4	ug/Kg	☼	09/13/22 16:09	09/14/22 12:35	1
beta-BHC	ND		2.8	0.50	ug/Kg	☼	09/13/22 16:09	09/14/22 12:35	1
delta-BHC	ND		2.8	0.52	ug/Kg	☼	09/13/22 16:09	09/14/22 12:35	1
Dieldrin	ND		2.8	0.66	ug/Kg	☼	09/13/22 16:09	09/14/22 12:35	1
Endosulfan I	ND		2.8	0.53	ug/Kg	☼	09/13/22 16:09	09/14/22 12:35	1
Endosulfan II	ND		2.8	0.50	ug/Kg	☼	09/13/22 16:09	09/14/22 12:35	1
Endosulfan sulfate	ND		2.8	0.52	ug/Kg	☼	09/13/22 16:09	09/14/22 12:35	1
Endrin	ND		2.8	0.55	ug/Kg	☼	09/13/22 16:09	09/14/22 12:35	1
Endrin aldehyde	ND		2.8	0.71	ug/Kg	☼	09/13/22 16:09	09/14/22 12:35	1
Endrin ketone	ND		2.8	0.68	ug/Kg	☼	09/13/22 16:09	09/14/22 12:35	1
gamma-BHC (Lindane)	ND		2.8	0.51	ug/Kg	☼	09/13/22 16:09	09/14/22 12:35	1
trans-Chlordane	ND		2.8	0.88	ug/Kg	☼	09/13/22 16:09	09/14/22 12:35	1
Heptachlor	ND		2.8	0.60	ug/Kg	☼	09/13/22 16:09	09/14/22 12:35	1
Heptachlor epoxide	ND		2.8	0.71	ug/Kg	☼	09/13/22 16:09	09/14/22 12:35	1
Methoxychlor	ND		2.8	0.56	ug/Kg	☼	09/13/22 16:09	09/14/22 12:35	1
Toxaphene	ND		28	16	ug/Kg	☼	09/13/22 16:09	09/14/22 12:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	98		45 - 120	09/13/22 16:09	09/14/22 12:35	1
DCB Decachlorobiphenyl	119		45 - 120	09/13/22 16:09	09/14/22 12:35	1
Tetrachloro-m-xylene	73		30 - 124	09/13/22 16:09	09/14/22 12:35	1
Tetrachloro-m-xylene	75		30 - 124	09/13/22 16:09	09/14/22 12:35	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.34	0.066	mg/Kg	☼	09/08/22 16:16	09/12/22 17:46	1
PCB-1221	ND		0.34	0.066	mg/Kg	☼	09/08/22 16:16	09/12/22 17:46	1
PCB-1232	ND		0.34	0.066	mg/Kg	☼	09/08/22 16:16	09/12/22 17:46	1
PCB-1242	ND		0.34	0.066	mg/Kg	☼	09/08/22 16:16	09/12/22 17:46	1
PCB-1248	ND		0.34	0.066	mg/Kg	☼	09/08/22 16:16	09/12/22 17:46	1
PCB-1254	ND		0.34	0.16	mg/Kg	☼	09/08/22 16:16	09/12/22 17:46	1
PCB-1260	ND		0.34	0.16	mg/Kg	☼	09/08/22 16:16	09/12/22 17:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	93		60 - 154	09/08/22 16:16	09/12/22 17:46	1
Tetrachloro-m-xylene	102		60 - 154	09/08/22 16:16	09/12/22 17:46	1
DCB Decachlorobiphenyl	100		65 - 174	09/08/22 16:16	09/12/22 17:46	1

Client Sample ID: SB-26 (8-10`)
Date Collected: 09/07/22 10:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-3
Matrix: Solid
Percent Solids: 59.8

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*119*		*65 - 174*	*09/08/22 16:16*	*09/12/22 17:46*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		28	8.8	ug/Kg	☼	09/15/22 06:58	09/20/22 16:25	1
Silvex (2,4,5-TP)	ND		28	9.9	ug/Kg	☼	09/15/22 06:58	09/20/22 16:25	1
2,4-D	ND		28	17	ug/Kg	☼	09/15/22 06:58	09/20/22 16:25	1
Dichlorprop	ND		28	14	ug/Kg	☼	09/15/22 06:58	09/20/22 16:25	1
Pentachlorophenol	ND		28	9.0	ug/Kg	☼	09/15/22 06:58	09/20/22 16:25	1
Picloram	ND		28	12	ug/Kg	☼	09/15/22 06:58	09/20/22 16:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	*84*		*28 - 129*	*09/15/22 06:58*	*09/20/22 16:25*	*1*
2,4-Dichlorophenylacetic acid	*79*		*28 - 129*	*09/15/22 06:58*	*09/20/22 16:25*	*1*

Method: 537 (Modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.33	0.032	ng/g	☼	09/12/22 17:10	09/15/22 06:58	1
Perfluoroheptanoic acid	ND		0.33	0.040	ng/g	☼	09/12/22 17:10	09/15/22 06:58	1
Perfluorooctanoic acid	ND		0.33	0.037	ng/g	☼	09/12/22 17:10	09/15/22 06:58	1
Perfluorononanoic acid	ND		0.33	0.038	ng/g	☼	09/12/22 17:10	09/15/22 06:58	1
Perfluorodecanoic acid	ND		0.33	0.040	ng/g	☼	09/12/22 17:10	09/15/22 06:58	1
Perfluorotridecanoic acid	ND		0.33	0.035	ng/g	☼	09/12/22 17:10	09/15/22 06:58	1
Perfluorotetradecanoic acid	ND		0.33	0.040	ng/g	☼	09/12/22 17:10	09/15/22 06:58	1
Perfluorobutanesulfonic acid	ND		0.67	0.60	ng/g	☼	09/12/22 17:10	09/15/22 06:58	1
Perfluorohexanesulfonic acid	ND		0.33	0.032	ng/g	☼	09/12/22 17:10	09/15/22 06:58	1
Perfluorooctanesulfonic acid	ND		0.33	0.058	ng/g	☼	09/12/22 17:10	09/15/22 06:58	1
NEtFOSAA	ND		0.33	0.037	ng/g	☼	09/12/22 17:10	09/15/22 06:58	1
NMeFOSAA	ND		0.33	0.052	ng/g	☼	09/12/22 17:10	09/15/22 06:58	1
Perfluoroheptanesulfonic acid	ND		0.33	0.033	ng/g	☼	09/12/22 17:10	09/15/22 06:58	1
Perfluorodecanesulfonic acid	ND		0.33	0.035	ng/g	☼	09/12/22 17:10	09/15/22 06:58	1
Perfluorooctanesulfonamide	ND		0.33	0.035	ng/g	☼	09/12/22 17:10	09/15/22 06:58	1
Perfluorobutanoic acid	ND		0.33	0.040	ng/g	☼	09/12/22 17:10	09/15/22 06:58	1
Perfluoroundecanoic acid	ND		0.33	0.093	ng/g	☼	09/12/22 17:10	09/15/22 06:58	1
Perfluorododecanoic acid	ND		0.33	0.038	ng/g	☼	09/12/22 17:10	09/15/22 06:58	1
6:2 Fluorotelomer sulfonic acid	ND		0.33	0.082	ng/g	☼	09/12/22 17:10	09/15/22 06:58	1
8:2 Fluorotelomer sulfonic acid	ND		0.33	0.028	ng/g	☼	09/12/22 17:10	09/15/22 06:58	1
Perfluoropentanoic acid	ND		0.33	0.040	ng/g	☼	09/12/22 17:10	09/15/22 06:58	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-8:2 FTS	*149*		*15 - 200*	*09/12/22 17:10*	*09/15/22 06:58*	*1*
M2-6:2 FTS	*153*		*10 - 200*	*09/12/22 17:10*	*09/15/22 06:58*	*1*
13C5 PFHxA	*93*		*10 - 174*	*09/12/22 17:10*	*09/15/22 06:58*	*1*
13C4 PFHpA	*96*		*10 - 178*	*09/12/22 17:10*	*09/15/22 06:58*	*1*
13C8 PFOA	*100*		*26 - 159*	*09/12/22 17:10*	*09/15/22 06:58*	*1*
13C9 PFNA	*118*		*26 - 165*	*09/12/22 17:10*	*09/15/22 06:58*	*1*
13C6 PFDA	*94*		*26 - 161*	*09/12/22 17:10*	*09/15/22 06:58*	*1*
13C7 PFUnA	*121*		*12 - 173*	*09/12/22 17:10*	*09/15/22 06:58*	*1*
13C2-PFDoDA	*114*		*11 - 166*	*09/12/22 17:10*	*09/15/22 06:58*	*1*
13C2 PFTeDA	*100*		*10 - 169*	*09/12/22 17:10*	*09/15/22 06:58*	*1*

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201357-1

Client Sample ID: SB-26 (8-10`)

Date Collected: 09/07/22 10:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-3

Matrix: Solid
Percent Solids: 59.8

Method: 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	119		27 - 179	09/12/22 17:10	09/15/22 06:58	1
13C3 PFHxS	98		24 - 171	09/12/22 17:10	09/15/22 06:58	1
13C8 PFOS	104		41 - 154	09/12/22 17:10	09/15/22 06:58	1
d3-NMeFOSAA	99		10 - 178	09/12/22 17:10	09/15/22 06:58	1
d5-NEtFOSAA	118		10 - 193	09/12/22 17:10	09/15/22 06:58	1
13C8 FOSA	43		14 - 163	09/12/22 17:10	09/15/22 06:58	1
13C4 PFBA	106		28 - 153	09/12/22 17:10	09/15/22 06:58	1
13C5 PFPeA	110		24 - 161	09/12/22 17:10	09/15/22 06:58	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9790		16.2	7.1	mg/Kg	☼	09/08/22 13:56	09/09/22 21:48	1
Antimony	1.7	J	24.3	0.65	mg/Kg	☼	09/08/22 13:56	09/09/22 21:48	1
Arsenic	7.7		3.2	0.65	mg/Kg	☼	09/08/22 13:56	09/09/22 21:48	1
Barium	76.8		0.81	0.18	mg/Kg	☼	09/08/22 13:56	09/09/22 21:48	1
Beryllium	0.60		0.32	0.045	mg/Kg	☼	09/08/22 13:56	09/09/22 21:48	1
Cadmium	0.22	J	0.32	0.049	mg/Kg	☼	09/08/22 13:56	09/09/22 21:48	1
Calcium	9490	B	81.1	5.4	mg/Kg	☼	09/08/22 13:56	09/09/22 21:48	1
Chromium	29.0		0.81	0.32	mg/Kg	☼	09/08/22 13:56	09/09/22 21:48	1
Cobalt	9.2		0.81	0.081	mg/Kg	☼	09/08/22 13:56	09/09/22 21:48	1
Copper	55.5		1.6	0.34	mg/Kg	☼	09/08/22 13:56	09/09/22 21:48	1
Iron	17700		16.2	5.7	mg/Kg	☼	09/08/22 13:56	09/09/22 21:48	1
Lead	333	B	1.6	0.39	mg/Kg	☼	09/08/22 13:56	09/09/22 21:48	1
Magnesium	5370	B	32.4	1.5	mg/Kg	☼	09/08/22 13:56	09/09/22 21:48	1
Manganese	123		0.32	0.052	mg/Kg	☼	09/08/22 13:56	09/09/22 21:48	1
Nickel	23.0		8.1	0.37	mg/Kg	☼	09/08/22 13:56	09/09/22 21:48	1
Potassium	2220		48.7	32.4	mg/Kg	☼	09/08/22 13:56	09/09/22 21:48	1
Selenium	3.0	J	6.5	0.65	mg/Kg	☼	09/08/22 13:56	09/09/22 21:48	1
Silver	ND		0.97	0.32	mg/Kg	☼	09/08/22 13:56	09/09/22 21:48	1
Sodium	268		227	21.1	mg/Kg	☼	09/08/22 13:56	09/09/22 21:48	1
Thallium	ND		9.7	0.49	mg/Kg	☼	09/08/22 13:56	09/09/22 21:48	1
Vanadium	22.9		0.81	0.18	mg/Kg	☼	09/08/22 13:56	09/09/22 21:48	1
Zinc	109		3.2	1.0	mg/Kg	☼	09/08/22 13:56	09/09/22 21:48	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1.9		0.034	0.0079	mg/Kg	☼	09/09/22 11:27	09/09/22 14:00	1

Client Sample ID: SB-27 (2.5-5.5`)
Date Collected: 09/07/22 11:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-4
Matrix: Solid
Percent Solids: 85.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.6	0.48	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
1,1,2,2-Tetrachloroethane	ND	*3	6.6	1.1	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.6	1.5	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
1,1,2-Trichloroethane	ND	*3	6.6	0.85	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
1,1-Dichloroethane	ND		6.6	0.80	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
1,1-Dichloroethene	ND		6.6	0.80	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
1,2,4-Trichlorobenzene	ND	*3	6.6	0.40	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
1,2,4-Trimethylbenzene	ND	*3	6.6	1.3	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
1,2-Dibromo-3-Chloropropane	ND	*3	6.6	3.3	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
1,2-Dichlorobenzene	ND	*3	6.6	0.51	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
1,2-Dichloroethane	ND		6.6	0.33	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
1,2-Dichloropropane	ND		6.6	3.3	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
1,3,5-Trimethylbenzene	ND	*3	6.6	0.42	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
1,3-Dichlorobenzene	ND	*3	6.6	0.34	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
1,4-Dichlorobenzene	ND	*3	6.6	0.92	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
2-Butanone (MEK)	ND		33	2.4	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
2-Hexanone	ND	*3	33	3.3	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
4-Isopropyltoluene	ND	*3	6.6	0.53	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
4-Methyl-2-pentanone (MIBK)	ND	*3	33	2.2	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Acetone	**11**	**J**	33	5.5	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Benzene	ND		6.6	0.32	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Bromoform	ND	*3	6.6	3.3	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Bromomethane	ND		6.6	0.59	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Carbon disulfide	ND		6.6	3.3	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Carbon tetrachloride	ND		6.6	0.63	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Chlorobenzene	ND	*3	6.6	0.87	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Dibromochloromethane	ND	*3	6.6	0.84	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Chloroethane	ND		6.6	1.5	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Chloroform	**0.47**	**J B**	6.6	0.41	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Chloromethane	ND		6.6	0.40	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
cis-1,2-Dichloroethene	ND		6.6	0.84	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Cyclohexane	ND		6.6	0.92	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Bromodichloromethane	ND		6.6	0.88	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Dichlorodifluoromethane	ND		6.6	0.54	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Ethylbenzene	ND	*3	6.6	0.45	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
1,2-Dibromoethane	ND	*3	6.6	0.84	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Isopropylbenzene	ND	*3	6.6	0.99	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Methyl acetate	ND		33	4.0	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Methyl tert-butyl ether	ND		6.6	0.64	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Methylcyclohexane	ND		6.6	1.0	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Methylene Chloride	ND		6.6	3.0	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
m,p-Xylene	ND	*3	13	1.1	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Naphthalene	ND	*3	6.6	0.88	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
n-Butylbenzene	ND	*3	6.6	0.57	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
N-Propylbenzene	ND	*3	6.6	0.52	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
o-Xylene	ND	*3	6.6	0.86	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
sec-Butylbenzene	ND	*3	6.6	0.57	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Tetrachloroethene	ND	*3	6.6	0.88	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Toluene	ND	*3	6.6	0.50	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1

Client Sample ID: SB-27 (2.5-5.5`)
Date Collected: 09/07/22 11:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-4
Matrix: Solid
Percent Solids: 85.6

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		6.6	0.68	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
trans-1,3-Dichloropropene	ND	*3	6.6	2.9	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Trichloroethene	ND		6.6	1.4	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Trichlorofluoromethane	ND		6.6	0.62	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Vinyl chloride	ND		6.6	0.80	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Xylenes, Total	ND		13	1.1	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
cis-1,3-Dichloropropene	ND		6.6	0.94	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
Styrene	ND	*3	6.6	0.33	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1
tert-Butylbenzene	ND	*3	6.6	0.68	ug/Kg	☼	09/08/22 10:00	09/11/22 22:41	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
column bleed	*220*	*T J*	*ug/Kg*	☼	*9.59*		*09/08/22 10:00*	*09/11/22 22:41*	*1*
Unknown	*26*	*T J*	*ug/Kg*	☼	*11.36*		*09/08/22 10:00*	*09/11/22 22:41*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*64 - 126*	*09/08/22 10:00*	*09/11/22 22:41*	*1*
4-Bromofluorobenzene (Surr)	*65*	*S1- *3*	*72 - 126*	*09/08/22 10:00*	*09/11/22 22:41*	*1*
Toluene-d8 (Surr)	*164*	*S1+ *3*	*71 - 125*	*09/08/22 10:00*	*09/11/22 22:41*	*1*
Dibromofluoromethane (Surr)	*123*		*60 - 140*	*09/08/22 10:00*	*09/11/22 22:41*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	**35**	**J**	200	29	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
bis (2-chloroisopropyl) ether	ND		200	40	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
2,4,5-Trichlorophenol	ND		200	54	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
2,4,6-Trichlorophenol	ND		200	40	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
2,4-Dichlorophenol	ND		200	21	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
2,4-Dimethylphenol	ND		200	48	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
2,4-Dinitrophenol	ND		1900	910	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
2,4-Dinitrotoluene	ND		200	41	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
2,6-Dinitrotoluene	ND		200	23	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
2-Chloronaphthalene	ND		200	33	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
1,4-Dioxane	ND		120	64	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
2-Chlorophenol	ND		380	36	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
2-Methylnaphthalene	**140**	**J**	200	40	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
2-Methylphenol	ND		200	23	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
2-Nitroaniline	ND		380	29	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
2-Nitrophenol	ND		200	56	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
3,3'-Dichlorobenzidine	ND		380	230	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
3-Nitroaniline	ND		380	55	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
4,6-Dinitro-2-methylphenol	ND		380	200	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
4-Bromophenyl phenyl ether	ND		200	28	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
4-Chloro-3-methylphenol	ND		200	49	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
4-Chloroaniline	ND		200	49	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
4-Chlorophenyl phenyl ether	ND		200	24	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
4-Methylphenol	ND		380	23	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
4-Nitroaniline	ND		380	100	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
4-Nitrophenol	ND		380	140	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Acenaphthene	**420**		200	29	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Acenaphthylene	**61**	**J**	200	26	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1

Client Sample ID: SB-27 (2.5-5.5`)
Date Collected: 09/07/22 11:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-4
Matrix: Solid
Percent Solids: 85.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		200	27	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Anthracene	**1300**		200	49	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Atrazine	ND		200	69	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Benzaldehyde	ND		200	160	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Benzo[a]anthracene	**2500**		200	20	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Benzo[a]pyrene	**2200**		200	29	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Benzo[b]fluoranthene	**2400**		200	31	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Benzo[g,h,i]perylene	**880**		200	21	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Benzo[k]fluoranthene	**1100**		200	26	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Bis(2-chloroethoxy)methane	ND		200	42	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Bis(2-chloroethyl)ether	ND		200	26	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Bis(2-ethylhexyl) phthalate	ND		200	68	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Butyl benzyl phthalate	ND		200	33	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Caprolactam	ND		200	59	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Carbazole	**870**		200	23	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Chrysene	**2500**		200	44	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Di-n-butyl phthalate	ND		200	34	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Di-n-octyl phthalate	ND		200	23	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Dibenz(a,h)anthracene	**390**		200	35	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Dibenzofuran	**380**		200	23	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Diethyl phthalate	ND		200	26	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Dimethyl phthalate	ND		200	23	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Fluoranthene	**4800**		200	21	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Fluorene	**470**		200	23	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Hexachlorobenzene	ND		200	27	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Hexachlorobutadiene	ND		200	29	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Hexachlorocyclopentadiene	ND		200	27	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Hexachloroethane	ND		200	26	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Indeno[1,2,3-cd]pyrene	**850**		200	24	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Isophorone	ND		200	42	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
N-Nitrosodi-n-propylamine	ND		200	34	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
N-Nitrosodiphenylamine	ND		200	160	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Naphthalene	**140**	**J**	200	26	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Nitrobenzene	ND		200	22	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Pentachlorophenol	ND		380	200	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Phenanthrene	**5100**		200	29	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Phenol	ND		200	30	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1
Pyrene	**4000**		200	23	ug/Kg	☼	09/08/22 16:05	09/09/22 19:39	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*3100*	*T J*	*ug/Kg*	☼	*1.81*		*09/08/22 16:05*	*09/09/22 19:39*	*1*
Unknown	*660*	*T J*	*ug/Kg*	☼	*3.05*		*09/08/22 16:05*	*09/09/22 19:39*	*1*
Dibenzofuran, 4-methyl-	*280*	*T J N*	*ug/Kg*	☼	*9.85*	*7320-53-8*	*09/08/22 16:05*	*09/09/22 19:39*	*1*
9H-Fluoren-9-one	*350*	*T J N*	*ug/Kg*	☼	*10.47*	*486-25-9*	*09/08/22 16:05*	*09/09/22 19:39*	*1*
Unknown	*290*	*T J*	*ug/Kg*	☼	*10.53*		*09/08/22 16:05*	*09/09/22 19:39*	*1*
Dibenzothiophene	*360*	*T J N*	*ug/Kg*	☼	*10.56*	*132-65-0*	*09/08/22 16:05*	*09/09/22 19:39*	*1*
Anthracene, 2-methyl-	*770*	*T J N*	*ug/Kg*	☼	*11.17*	*613-12-7*	*09/08/22 16:05*	*09/09/22 19:39*	*1*
1H-Cyclopropa[l]phenanthrene,1a,9b-dihydro-	*400*	*T J N*	*ug/Kg*	☼	*11.24*	*949-41-7*	*09/08/22 16:05*	*09/09/22 19:39*	*1*
4H-Cyclopenta[def]phenanthrene	*1200*	*T J N*	*ug/Kg*	☼	*11.27*	*203-64-5*	*09/08/22 16:05*	*09/09/22 19:39*	*1*

Client Sample ID: SB-27 (2.5-5.5`)

Date Collected: 09/07/22 11:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-4

Matrix: Solid
Percent Solids: 85.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
2-Phenylnaphthalene	580	T J N	ug/Kg	☼	11.46	35465-71-5	09/08/22 16:05	09/09/22 19:39	1
Unknown	330	T J	ug/Kg	☼	11.60		09/08/22 16:05	09/09/22 19:39	1
Phenanthrene, 2,5-dimethyl-	660	T J N	ug/Kg	☼	11.70	3674-66-6	09/08/22 16:05	09/09/22 19:39	1
Unknown	500	T J	ug/Kg	☼	11.72		09/08/22 16:05	09/09/22 19:39	1
Cyclopenta(def)phenanthrenone	640	T J N	ug/Kg	☼	11.77	5737-13-3	09/08/22 16:05	09/09/22 19:39	1
11H-Benzo[b]fluorene	310	T J N	ug/Kg	☼	12.32	243-17-4	09/08/22 16:05	09/09/22 19:39	1
Benzo[e]pyrene	1400	T J N	ug/Kg	☼	14.13	192-97-2	09/08/22 16:05	09/09/22 19:39	1
1,2:7,8-Dibenzophenanthrene	370	T J N	ug/Kg	☼	15.14	213-46-7	09/08/22 16:05	09/09/22 19:39	1
Dibenzo[def,mno]chrysene	340	T J N	ug/Kg	☼	15.42	191-26-4	09/08/22 16:05	09/09/22 19:39	1
1,2:3,4-Dibenzopyrene	400	T J N	ug/Kg	☼	16.40	191-30-0	09/08/22 16:05	09/09/22 19:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	94		54 - 120	09/08/22 16:05	09/09/22 19:39	1
2-Fluorobiphenyl	92		60 - 120	09/08/22 16:05	09/09/22 19:39	1
2-Fluorophenol	74		52 - 120	09/08/22 16:05	09/09/22 19:39	1
Nitrobenzene-d5	81		53 - 120	09/08/22 16:05	09/09/22 19:39	1
p-Terphenyl-d14	97		79 - 130	09/08/22 16:05	09/09/22 19:39	1
Phenol-d5	79		54 - 120	09/08/22 16:05	09/09/22 19:39	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9100	F1	12.2	5.4	mg/Kg	☼	09/08/22 13:56	09/09/22 21:52	1
Antimony	0.92	J F1	18.3	0.49	mg/Kg	☼	09/08/22 13:56	09/09/22 21:52	1
Arsenic	6.2		2.4	0.49	mg/Kg	☼	09/08/22 13:56	09/09/22 21:52	1
Barium	77.1	F1 F2	0.61	0.13	mg/Kg	☼	09/08/22 13:56	09/09/22 21:52	1
Beryllium	0.98		0.24	0.034	mg/Kg	☼	09/08/22 13:56	09/09/22 21:52	1
Cadmium	0.22	J	0.24	0.037	mg/Kg	☼	09/08/22 13:56	09/09/22 21:52	1
Calcium	40500	B F2	61.0	4.0	mg/Kg	☼	09/08/22 13:56	09/09/22 21:52	1
Chromium	11.0		0.61	0.24	mg/Kg	☼	09/08/22 13:56	09/09/22 21:52	1
Cobalt	6.0		0.61	0.061	mg/Kg	☼	09/08/22 13:56	09/09/22 21:52	1
Copper	19.3	F1	1.2	0.26	mg/Kg	☼	09/08/22 13:56	09/09/22 21:52	1
Iron	12900	F2	12.2	4.3	mg/Kg	☼	09/08/22 13:56	09/09/22 21:52	1
Lead	150	B F1 F2	1.2	0.29	mg/Kg	☼	09/08/22 13:56	09/09/22 21:52	1
Magnesium	4620	B F1	24.4	1.1	mg/Kg	☼	09/08/22 13:56	09/09/22 21:52	1
Manganese	229	F2	0.24	0.039	mg/Kg	☼	09/08/22 13:56	09/09/22 21:52	1
Nickel	17.0		6.1	0.28	mg/Kg	☼	09/08/22 13:56	09/09/22 21:52	1
Potassium	1110	F1	36.6	24.4	mg/Kg	☼	09/08/22 13:56	09/09/22 21:52	1
Selenium	1.0	J	4.9	0.49	mg/Kg	☼	09/08/22 13:56	09/09/22 21:52	1
Silver	ND		0.73	0.24	mg/Kg	☼	09/08/22 13:56	09/09/22 21:52	1
Sodium	266		171	15.8	mg/Kg	☼	09/08/22 13:56	09/09/22 21:52	1
Thallium	ND		7.3	0.37	mg/Kg	☼	09/08/22 13:56	09/09/22 21:52	1
Vanadium	13.4		0.61	0.13	mg/Kg	☼	09/08/22 13:56	09/09/22 21:52	1
Zinc	74.6	F1 F2	2.4	0.78	mg/Kg	☼	09/08/22 13:56	09/09/22 21:52	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.29		0.023	0.0053	mg/Kg	☼	09/09/22 11:27	09/09/22 14:01	1

Client Sample ID: SB-28 (8-9`)
Date Collected: 09/07/22 13:30
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-5
Matrix: Solid
Percent Solids: 71.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		230	34	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
bis (2-chloroisopropyl) ether	ND		230	47	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
2,4,5-Trichlorophenol	ND		230	63	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
2,4,6-Trichlorophenol	ND		230	47	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
2,4-Dichlorophenol	ND		230	25	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
2,4-Dimethylphenol	ND		230	57	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
2,4-Dinitrophenol	ND		2300	1100	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
2,4-Dinitrotoluene	ND		230	48	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
2,6-Dinitrotoluene	ND		230	28	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
2-Chloronaphthalene	ND		230	39	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
1,4-Dioxane	ND		140	76	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
2-Chlorophenol	ND		460	43	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
2-Methylnaphthalene	ND		230	47	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
2-Methylphenol	ND		230	28	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
2-Nitroaniline	ND		460	34	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
2-Nitrophenol	ND		230	66	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
3,3'-Dichlorobenzidine	ND		460	280	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
3-Nitroaniline	ND		460	65	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
4,6-Dinitro-2-methylphenol	ND		460	230	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
4-Bromophenyl phenyl ether	ND		230	33	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
4-Chloro-3-methylphenol	ND		230	58	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
4-Chloroaniline	ND		230	58	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
4-Chlorophenyl phenyl ether	ND		230	29	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
4-Methylphenol	ND		460	28	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
4-Nitroaniline	ND		460	120	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
4-Nitrophenol	ND		460	160	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Acenaphthene	**73**	**J**	230	34	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Acenaphthylene	**37**	**J**	230	30	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Acetophenone	ND		230	32	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Anthracene	**160**	**J**	230	58	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Atrazine	ND		230	81	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Benzaldehyde	ND		230	190	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Benzo[a]anthracene	**400**		230	23	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Benzo[a]pyrene	**430**		230	34	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Benzo[b]fluoranthene	**480**		230	37	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Benzo[g,h,i]perylene	**250**		230	25	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Benzo[k]fluoranthene	**210**	**J**	230	30	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Bis(2-chloroethoxy)methane	ND		230	50	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Bis(2-chloroethyl)ether	ND		230	30	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Bis(2-ethylhexyl) phthalate	ND		230	80	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Butyl benzyl phthalate	ND		230	39	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Caprolactam	ND		230	70	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Carbazole	**52**	**J**	230	28	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Chrysene	**450**		230	52	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Di-n-butyl phthalate	ND		230	40	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Di-n-octyl phthalate	ND		230	28	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Dibenz(a,h)anthracene	**65**	**J**	230	41	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Dibenzofuran	**44**	**J**	230	28	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Diethyl phthalate	ND		230	30	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1

Client Sample ID: SB-28 (8-9`)
Date Collected: 09/07/22 13:30
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-5
Matrix: Solid
Percent Solids: 71.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		230	28	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Fluoranthene	**900**		230	25	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Fluorene	**77**	**J**	230	28	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Hexachlorobenzene	ND		230	32	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Hexachlorobutadiene	ND		230	34	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Hexachlorocyclopentadiene	ND		230	32	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Hexachloroethane	ND		230	30	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Indeno[1,2,3-cd]pyrene	**230**		230	29	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Isophorone	ND		230	50	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
N-Nitrosodi-n-propylamine	ND		230	40	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
N-Nitrosodiphenylamine	ND		230	190	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Naphthalene	**60**	**J**	230	30	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Nitrobenzene	ND		230	26	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Pentachlorophenol	ND		460	230	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Phenanthrene	**740**		230	34	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Phenol	ND		230	36	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1
Pyrene	**760**		230	28	ug/Kg	☼	09/08/22 16:05	09/09/22 20:03	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*3500*	*T J*	*ug/Kg*	☼	*1.80*		*09/08/22 16:05*	*09/09/22 20:03*	*1*
Unknown	*760*	*T J*	*ug/Kg*	☼	*3.04*		*09/08/22 16:05*	*09/09/22 20:03*	*1*
Unknown	*350*	*T J*	*ug/Kg*	☼	*11.25*		*09/08/22 16:05*	*09/09/22 20:03*	*1*
4-Bromo-3-bromomethylbut-2-enoic acid, methyl ester	*540*	*T J N*	*ug/Kg*	☼	*11.27*	*50428-87-0*	*09/08/22 16:05*	*09/09/22 20:03*	*1*
Unknown	*2000*	*T J*	*ug/Kg*	☼	*11.30*		*09/08/22 16:05*	*09/09/22 20:03*	*1*
Unknown	*440*	*T J*	*ug/Kg*	☼	*11.38*		*09/08/22 16:05*	*09/09/22 20:03*	*1*
Unknown	*2800*	*T J*	*ug/Kg*	☼	*11.40*		*09/08/22 16:05*	*09/09/22 20:03*	*1*
Unknown	*780*	*T J*	*ug/Kg*	☼	*11.46*		*09/08/22 16:05*	*09/09/22 20:03*	*1*
Unknown	*2600*	*T J*	*ug/Kg*	☼	*11.51*		*09/08/22 16:05*	*09/09/22 20:03*	*1*
4b,8-Dimethyl-2-isopropylphenanthrene, 4b,5,6,7,8,8a,9,10-oc	*2400*	*T J N*	*ug/Kg*	☼	*11.60*	*1000197-14-1*	*09/08/22 16:05*	*09/09/22 20:03*	*1*
Unknown	*770*	*T J*	*ug/Kg*	☼	*11.68*		*09/08/22 16:05*	*09/09/22 20:03*	*1*
Unknown	*520*	*T J*	*ug/Kg*	☼	*11.71*		*09/08/22 16:05*	*09/09/22 20:03*	*1*
Unknown	*3600*	*T J*	*ug/Kg*	☼	*11.88*		*09/08/22 16:05*	*09/09/22 20:03*	*1*
Unknown	*480*	*T J*	*ug/Kg*	☼	*12.15*		*09/08/22 16:05*	*09/09/22 20:03*	*1*
Unknown	*2400*	*T J*	*ug/Kg*	☼	*12.29*		*09/08/22 16:05*	*09/09/22 20:03*	*1*
Eicosane	*330*	*T J N*	*ug/Kg*	☼	*13.50*	*112-95-8*	*09/08/22 16:05*	*09/09/22 20:03*	*1*
Hexadecane	*350*	*T J N*	*ug/Kg*	☼	*13.99*	*544-76-3*	*09/08/22 16:05*	*09/09/22 20:03*	*1*
Unknown	*320*	*T J*	*ug/Kg*	☼	*15.36*		*09/08/22 16:05*	*09/09/22 20:03*	*1*
Friedelin	*960*	*T J N*	*ug/Kg*	☼	*16.31*	*559-74-0*	*09/08/22 16:05*	*09/09/22 20:03*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*109*		*54 - 120*	*09/08/22 16:05*	*09/09/22 20:03*	*1*
2-Fluorobiphenyl	*93*		*60 - 120*	*09/08/22 16:05*	*09/09/22 20:03*	*1*
2-Fluorophenol	*77*		*52 - 120*	*09/08/22 16:05*	*09/09/22 20:03*	*1*
Nitrobenzene-d5	*85*		*53 - 120*	*09/08/22 16:05*	*09/09/22 20:03*	*1*
p-Terphenyl-d14	*102*		*79 - 130*	*09/08/22 16:05*	*09/09/22 20:03*	*1*
Phenol-d5	*81*		*54 - 120*	*09/08/22 16:05*	*09/09/22 20:03*	*1*

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201357-1

Client Sample ID: SB-28 (8-9`)
Date Collected: 09/07/22 13:30
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-5
Matrix: Solid
Percent Solids: 71.3

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10500		13.7	6.0	mg/Kg	☼	09/08/22 13:56	09/09/22 22:11	1
Antimony	5.4	J	20.6	0.55	mg/Kg	☼	09/08/22 13:56	09/09/22 22:11	1
Arsenic	19.5		2.7	0.55	mg/Kg	☼	09/08/22 13:56	09/09/22 22:11	1
Barium	234		0.69	0.15	mg/Kg	☼	09/08/22 13:56	09/09/22 22:11	1
Beryllium	0.67		0.27	0.038	mg/Kg	☼	09/08/22 13:56	09/09/22 22:11	1
Cadmium	0.39		0.27	0.041	mg/Kg	☼	09/08/22 13:56	09/09/22 22:11	1
Calcium	15400	B	68.7	4.5	mg/Kg	☼	09/08/22 13:56	09/09/22 22:11	1
Chromium	16.3		0.69	0.27	mg/Kg	☼	09/08/22 13:56	09/09/22 22:11	1
Cobalt	10.0		0.69	0.069	mg/Kg	☼	09/08/22 13:56	09/09/22 22:11	1
Copper	67.4		1.4	0.29	mg/Kg	☼	09/08/22 13:56	09/09/22 22:11	1
Iron	22800		13.7	4.8	mg/Kg	☼	09/08/22 13:56	09/09/22 22:11	1
Lead	824	B	1.4	0.33	mg/Kg	☼	09/08/22 13:56	09/09/22 22:11	1
Magnesium	6200	B	27.5	1.3	mg/Kg	☼	09/08/22 13:56	09/09/22 22:11	1
Manganese	348		0.27	0.044	mg/Kg	☼	09/08/22 13:56	09/09/22 22:11	1
Nickel	29.1		6.9	0.32	mg/Kg	☼	09/08/22 13:56	09/09/22 22:11	1
Potassium	2120		41.2	27.5	mg/Kg	☼	09/08/22 13:56	09/09/22 22:11	1
Selenium	1.2	J	5.5	0.55	mg/Kg	☼	09/08/22 13:56	09/09/22 22:11	1
Silver	ND		0.82	0.27	mg/Kg	☼	09/08/22 13:56	09/09/22 22:11	1
Sodium	1370		192	17.9	mg/Kg	☼	09/08/22 13:56	09/09/22 22:11	1
Thallium	ND		8.2	0.41	mg/Kg	☼	09/08/22 13:56	09/09/22 22:11	1
Vanadium	26.5		0.69	0.15	mg/Kg	☼	09/08/22 13:56	09/09/22 22:11	1
Zinc	264		2.7	0.88	mg/Kg	☼	09/08/22 13:56	09/09/22 22:11	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.68		0.028	0.0065	mg/Kg	☼	09/09/22 11:27	09/09/22 14:02	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201357-1

Client Sample ID: SB-29 (9-12`)
Date Collected: 09/07/22 14:45
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-6
Matrix: Solid
Percent Solids: 79.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.8	0.35	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
1,1,2,2-Tetrachloroethane	ND		4.8	0.78	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8	1.1	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
1,1,2-Trichloroethane	ND		4.8	0.62	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
1,1-Dichloroethane	ND		4.8	0.58	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
1,1-Dichloroethene	ND		4.8	0.59	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
1,2,4-Trichlorobenzene	ND		4.8	0.29	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
1,2,4-Trimethylbenzene	ND		4.8	0.92	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
1,2-Dibromo-3-Chloropropane	ND		4.8	2.4	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
1,2-Dichlorobenzene	ND		4.8	0.37	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
1,2-Dichloroethane	ND		4.8	0.24	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
1,2-Dichloropropane	ND		4.8	2.4	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
1,3,5-Trimethylbenzene	ND		4.8	0.31	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
1,3-Dichlorobenzene	ND		4.8	0.25	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
1,4-Dichlorobenzene	ND		4.8	0.67	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
2-Butanone (MEK)	ND		24	1.8	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
2-Hexanone	ND		24	2.4	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
4-Isopropyltoluene	ND		4.8	0.38	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
4-Methyl-2-pentanone (MIBK)	ND		24	1.6	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Acetone	**9.3**	**J**	24	4.0	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Benzene	ND		4.8	0.23	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Bromoform	ND		4.8	2.4	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Bromomethane	ND		4.8	0.43	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Carbon disulfide	ND		4.8	2.4	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Carbon tetrachloride	ND		4.8	0.46	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Chlorobenzene	ND		4.8	0.63	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Dibromochloromethane	ND		4.8	0.61	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Chloroethane	ND		4.8	1.1	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Chloroform	ND		4.8	0.30	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Chloromethane	ND		4.8	0.29	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
cis-1,2-Dichloroethene	ND		4.8	0.61	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Cyclohexane	ND		4.8	0.67	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Bromodichloromethane	ND		4.8	0.64	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Dichlorodifluoromethane	ND		4.8	0.40	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Ethylbenzene	ND		4.8	0.33	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
1,2-Dibromoethane	ND		4.8	0.61	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Isopropylbenzene	ND		4.8	0.72	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Methyl acetate	ND		24	2.9	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Methyl tert-butyl ether	ND		4.8	0.47	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Methylcyclohexane	ND		4.8	0.73	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Methylene Chloride	ND		4.8	2.2	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
m,p-Xylene	ND		9.6	0.80	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Naphthalene	ND		4.8	0.64	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
n-Butylbenzene	ND		4.8	0.42	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
N-Propylbenzene	ND		4.8	0.38	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
o-Xylene	ND		4.8	0.63	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
sec-Butylbenzene	ND		4.8	0.42	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Tetrachloroethene	ND		4.8	0.64	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Toluene	ND		4.8	0.36	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1

Client Sample ID: SB-29 (9-12`)
Date Collected: 09/07/22 14:45
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-6
Matrix: Solid
Percent Solids: 79.5

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		4.8	0.49	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
trans-1,3-Dichloropropene	ND		4.8	2.1	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Trichloroethene	ND		4.8	1.1	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Trichlorofluoromethane	ND		4.8	0.45	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Vinyl chloride	ND		4.8	0.58	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Xylenes, Total	ND		9.6	0.80	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
cis-1,3-Dichloropropene	ND		4.8	0.69	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
Styrene	ND		4.8	0.24	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1
tert-Butylbenzene	ND		4.8	0.50	ug/Kg	☼	09/08/22 10:00	09/09/22 00:52	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
column bleed	*14*	*T J*	*ug/Kg*	☼	*9.59*		*09/08/22 10:00*	*09/09/22 00:52*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*64 - 126*	*09/08/22 10:00*	*09/09/22 00:52*	*1*
4-Bromofluorobenzene (Surr)	*99*		*72 - 126*	*09/08/22 10:00*	*09/09/22 00:52*	*1*
Toluene-d8 (Surr)	*106*		*71 - 125*	*09/08/22 10:00*	*09/09/22 00:52*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*09/08/22 10:00*	*09/09/22 00:52*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4200	610	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
bis (2-chloroisopropyl) ether	ND		4200	840	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
2,4,5-Trichlorophenol	ND		4200	1100	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
2,4,6-Trichlorophenol	ND		4200	840	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
2,4-Dichlorophenol	ND		4200	440	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
2,4-Dimethylphenol	ND		4200	1000	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
2,4-Dinitrophenol	ND		41000	19000	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
2,4-Dinitrotoluene	ND		4200	860	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
2,6-Dinitrotoluene	ND		4200	490	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
2-Chloronaphthalene	ND		4200	690	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
1,4-Dioxane	ND		2500	1400	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
2-Chlorophenol	ND		8100	760	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
2-Methylnaphthalene	ND		4200	840	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
2-Methylphenol	ND		4200	490	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
2-Nitroaniline	ND		8100	610	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
2-Nitrophenol	ND		4200	1200	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
3,3'-Dichlorobenzidine	ND		8100	4900	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
3-Nitroaniline	ND		8100	1200	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
4,6-Dinitro-2-methylphenol	ND		8100	4200	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
4-Bromophenyl phenyl ether	ND		4200	590	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
4-Chloro-3-methylphenol	ND		4200	1000	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
4-Chloroaniline	ND		4200	1000	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
4-Chlorophenyl phenyl ether	ND		4200	520	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
4-Methylphenol	ND		8100	490	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
4-Nitroaniline	ND		8100	2200	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
4-Nitrophenol	ND		8100	2900	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Acenaphthene	ND		4200	610	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Acenaphthylene	**4200**		4200	540	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Acetophenone	ND		4200	570	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20

Client Sample ID: SB-29 (9-12`)
Date Collected: 09/07/22 14:45
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-6
Matrix: Solid
Percent Solids: 79.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**3300**	**J**	4200	1000	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Atrazine	ND		4200	1400	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Benzaldehyde	ND		4200	3300	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Benzo[a]anthracene	**31000**		4200	420	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Benzo[a]pyrene	**42000**		4200	610	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Benzo[b]fluoranthene	**52000**		4200	660	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Benzo[g,h,i]perylene	**24000**		4200	440	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Benzo[k]fluoranthene	**26000**		4200	540	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Bis(2-chloroethoxy)methane	ND		4200	880	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Bis(2-chloroethyl)ether	ND		4200	540	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Bis(2-ethylhexyl) phthalate	ND		4200	1400	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Butyl benzyl phthalate	ND		4200	690	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Caprolactam	ND		4200	1300	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Carbazole	**560**	**J**	4200	490	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Chrysene	**35000**		4200	930	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Di-n-butyl phthalate	ND		4200	710	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Di-n-octyl phthalate	ND		4200	490	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Dibenz(a,h)anthracene	**7900**		4200	740	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Dibenzofuran	ND		4200	490	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Diethyl phthalate	ND		4200	540	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Dimethyl phthalate	ND		4200	490	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Fluoranthene	**35000**		4200	440	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Fluorene	ND		4200	490	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Hexachlorobenzene	ND		4200	570	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Hexachlorobutadiene	ND		4200	610	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Hexachlorocyclopentadiene	ND		4200	570	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Hexachloroethane	ND		4200	540	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Indeno[1,2,3-cd]pyrene	**24000**		4200	520	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Isophorone	ND		4200	880	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
N-Nitrosodi-n-propylamine	ND		4200	710	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
N-Nitrosodiphenylamine	ND		4200	3400	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Naphthalene	ND		4200	540	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Nitrobenzene	ND		4200	470	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Pentachlorophenol	ND		8100	4200	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Phenanthrene	**960**	**J**	4200	610	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Phenol	ND		4200	640	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20
Pyrene	**45000**		4200	490	ug/Kg	☼	09/08/22 16:05	09/09/22 19:15	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclopenta(def)phenanthrenone	*6500*	*T J N*	*ug/Kg*	☼	*11.76*	*5737-13-3*	*09/08/22 16:05*	*09/09/22 19:15*	*20*
Pyrene, 1-methyl-	*3300*	*T J N*	*ug/Kg*	☼	*12.23*	*2381-21-7*	*09/08/22 16:05*	*09/09/22 19:15*	*20*
11H-Benzo[a]fluorene	*3700*	*T J N*	*ug/Kg*	☼	*12.32*	*238-84-6*	*09/08/22 16:05*	*09/09/22 19:15*	*20*
Pyrene, 2-methyl-	*4500*	*T J N*	*ug/Kg*	☼	*12.41*	*3442-78-2*	*09/08/22 16:05*	*09/09/22 19:15*	*20*
Unknown	*3800*	*T J*	*ug/Kg*	☼	*13.15*		*09/08/22 16:05*	*09/09/22 19:15*	*20*
Benz[a]anthracene, 1-methyl-	*4900*	*T J N*	*ug/Kg*	☼	*13.40*	*2498-77-3*	*09/08/22 16:05*	*09/09/22 19:15*	*20*
5,12-Naphthacenedione	*4400*	*T J N*	*ug/Kg*	☼	*13.67*	*1090-13-7*	*09/08/22 16:05*	*09/09/22 19:15*	*20*
Unknown	*5700*	*T J*	*ug/Kg*	☼	*13.81*		*09/08/22 16:05*	*09/09/22 19:15*	*20*
Benzo[e]pyrene	*9800*	*T J N*	*ug/Kg*	☼	*14.00*	*192-97-2*	*09/08/22 16:05*	*09/09/22 19:15*	*20*
Dinaphtho[1,2-b:1',2'-d]furan	*6400*	*T J N*	*ug/Kg*	☼	*14.07*	*207-93-2*	*09/08/22 16:05*	*09/09/22 19:15*	*20*
Perylene	*33000*	*T J N*	*ug/Kg*	☼	*14.13*	*198-55-0*	*09/08/22 16:05*	*09/09/22 19:15*	*20*

Client Sample ID: SB-29 (9-12`)
Date Collected: 09/07/22 14:45
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-6
Matrix: Solid
Percent Solids: 79.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	3300	T J	ug/Kg	☼	14.32		09/08/22 16:05	09/09/22 19:15	20
Unknown	3400	T J	ug/Kg	☼	14.94		09/08/22 16:05	09/09/22 19:15	20
Benzo[b]triphenylene	6000	T J N	ug/Kg	☼	15.14	215-58-7	09/08/22 16:05	09/09/22 19:15	20
Pentaphene	3600	T J N	ug/Kg	☼	15.17	222-93-5	09/08/22 16:05	09/09/22 19:15	20
Dibenzo[def,mno]chrysene	6300	T J N	ug/Kg	☼	15.41	191-26-4	09/08/22 16:05	09/09/22 19:15	20
1,2:3,4-Dibenzopyrene	9500	T J N	ug/Kg	☼	16.40	191-30-0	09/08/22 16:05	09/09/22 19:15	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	126	S1+	54 - 120	09/08/22 16:05	09/09/22 19:15	20
2-Fluorobiphenyl	91		60 - 120	09/08/22 16:05	09/09/22 19:15	20
2-Fluorophenol	58		52 - 120	09/08/22 16:05	09/09/22 19:15	20
Nitrobenzene-d5	66		53 - 120	09/08/22 16:05	09/09/22 19:15	20
p-Terphenyl-d14	116		79 - 130	09/08/22 16:05	09/09/22 19:15	20
Phenol-d5	70		54 - 120	09/08/22 16:05	09/09/22 19:15	20

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**31**	**J B**	100	20	ug/Kg	☼	09/13/22 16:09	09/14/22 12:55	50
4,4'-DDE	ND		100	22	ug/Kg	☼	09/13/22 16:09	09/14/22 12:55	50
4,4'-DDT	**94**	**J**	100	24	ug/Kg	☼	09/13/22 16:09	09/14/22 12:55	50
Aldrin	ND		100	26	ug/Kg	☼	09/13/22 16:09	09/14/22 12:55	50
alpha-BHC	ND		100	19	ug/Kg	☼	09/13/22 16:09	09/14/22 12:55	50
cis-Chlordane	ND		100	52	ug/Kg	☼	09/13/22 16:09	09/14/22 12:55	50
beta-BHC	ND		100	19	ug/Kg	☼	09/13/22 16:09	09/14/22 12:55	50
delta-BHC	ND		100	19	ug/Kg	☼	09/13/22 16:09	09/14/22 12:55	50
Dieldrin	ND		100	25	ug/Kg	☼	09/13/22 16:09	09/14/22 12:55	50
Endosulfan I	ND		100	20	ug/Kg	☼	09/13/22 16:09	09/14/22 12:55	50
Endosulfan II	ND		100	19	ug/Kg	☼	09/13/22 16:09	09/14/22 12:55	50
Endosulfan sulfate	ND		100	19	ug/Kg	☼	09/13/22 16:09	09/14/22 12:55	50
Endrin	ND		100	21	ug/Kg	☼	09/13/22 16:09	09/14/22 12:55	50
Endrin aldehyde	ND	*+	100	27	ug/Kg	☼	09/13/22 16:09	09/14/22 12:55	50
Endrin ketone	**87**	**J**	100	26	ug/Kg	☼	09/13/22 16:09	09/14/22 12:55	50
gamma-BHC (Lindane)	ND		100	19	ug/Kg	☼	09/13/22 16:09	09/14/22 12:55	50
trans-Chlordane	ND		100	33	ug/Kg	☼	09/13/22 16:09	09/14/22 12:55	50
Heptachlor	ND		100	22	ug/Kg	☼	09/13/22 16:09	09/14/22 12:55	50
Heptachlor epoxide	ND		100	27	ug/Kg	☼	09/13/22 16:09	09/14/22 12:55	50
Methoxychlor	**130**		100	21	ug/Kg	☼	09/13/22 16:09	09/14/22 12:55	50
Toxaphene	ND		1000	600	ug/Kg	☼	09/13/22 16:09	09/14/22 12:55	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	0	S1-	45 - 120	09/13/22 16:09	09/14/22 12:55	50
DCB Decachlorobiphenyl	0	S1-	45 - 120	09/13/22 16:09	09/14/22 12:55	50
Tetrachloro-m-xylene	0	S1-	30 - 124	09/13/22 16:09	09/14/22 12:55	50
Tetrachloro-m-xylene	0	S1-	30 - 124	09/13/22 16:09	09/14/22 12:55	50

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.28	0.054	mg/Kg	☼	09/08/22 16:16	09/12/22 17:59	1
PCB-1221	ND		0.28	0.054	mg/Kg	☼	09/08/22 16:16	09/12/22 17:59	1
PCB-1232	ND		0.28	0.054	mg/Kg	☼	09/08/22 16:16	09/12/22 17:59	1

Client Sample ID: SB-29 (9-12`)

Date Collected: 09/07/22 14:45
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-6

Matrix: Solid
Percent Solids: 79.5

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		0.28	0.054	mg/Kg	☼	09/08/22 16:16	09/12/22 17:59	1
PCB-1248	ND		0.28	0.054	mg/Kg	☼	09/08/22 16:16	09/12/22 17:59	1
PCB-1254	ND		0.28	0.13	mg/Kg	☼	09/08/22 16:16	09/12/22 17:59	1
PCB-1260	ND		0.28	0.13	mg/Kg	☼	09/08/22 16:16	09/12/22 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*90*		*60 - 154*	*09/08/22 16:16*	*09/12/22 17:59*	*1*
Tetrachloro-m-xylene	*98*		*60 - 154*	*09/08/22 16:16*	*09/12/22 17:59*	*1*
DCB Decachlorobiphenyl	*92*		*65 - 174*	*09/08/22 16:16*	*09/12/22 17:59*	*1*
DCB Decachlorobiphenyl	*114*		*65 - 174*	*09/08/22 16:16*	*09/12/22 17:59*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		20	6.5	ug/Kg	☼	09/15/22 06:58	09/20/22 16:44	1
Silvex (2,4,5-TP)	ND		20	7.3	ug/Kg	☼	09/15/22 06:58	09/20/22 16:44	1
2,4-D	ND		20	13	ug/Kg	☼	09/15/22 06:58	09/20/22 16:44	1
Dichlorprop	ND		20	10	ug/Kg	☼	09/15/22 06:58	09/20/22 16:44	1
Pentachlorophenol	ND		20	6.6	ug/Kg	☼	09/15/22 06:58	09/20/22 16:44	1
Picloram	ND		20	8.8	ug/Kg	☼	09/15/22 06:58	09/20/22 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*100*		*28 - 129*	*09/15/22 06:58*	*09/20/22 16:44*	*1*
2,4-Dichlorophenylacetic acid	*80*		*28 - 129*	*09/15/22 06:58*	*09/20/22 16:44*	*1*

Method: 537 (Modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.25	0.024	ng/g	☼	09/12/22 17:10	09/15/22 07:09	1
Perfluoroheptanoic acid	ND		0.25	0.030	ng/g	☼	09/12/22 17:10	09/15/22 07:09	1
Perfluorooctanoic acid	ND		0.25	0.027	ng/g	☼	09/12/22 17:10	09/15/22 07:09	1
Perfluorononanoic acid	ND		0.25	0.029	ng/g	☼	09/12/22 17:10	09/15/22 07:09	1
Perfluorodecanoic acid	ND		0.25	0.030	ng/g	☼	09/12/22 17:10	09/15/22 07:09	1
Perfluorotridecanoic acid	ND		0.25	0.026	ng/g	☼	09/12/22 17:10	09/15/22 07:09	1
Perfluorotetradecanoic acid	ND		0.25	0.030	ng/g	☼	09/12/22 17:10	09/15/22 07:09	1
Perfluorobutanesulfonic acid	ND		0.50	0.45	ng/g	☼	09/12/22 17:10	09/15/22 07:09	1
Perfluorohexanesulfonic acid	ND		0.25	0.024	ng/g	☼	09/12/22 17:10	09/15/22 07:09	1
Perfluorooctanesulfonic acid	ND		0.25	0.044	ng/g	☼	09/12/22 17:10	09/15/22 07:09	1
NEtFOSAA	ND		0.25	0.027	ng/g	☼	09/12/22 17:10	09/15/22 07:09	1
NMeFOSAA	ND		0.25	0.039	ng/g	☼	09/12/22 17:10	09/15/22 07:09	1
Perfluoroheptanesulfonic acid	ND		0.25	0.025	ng/g	☼	09/12/22 17:10	09/15/22 07:09	1
Perfluorodecanesulfonic acid	ND		0.25	0.026	ng/g	☼	09/12/22 17:10	09/15/22 07:09	1
Perfluorooctanesulfonamide	ND		0.25	0.026	ng/g	☼	09/12/22 17:10	09/15/22 07:09	1
Perfluorobutanoic acid	ND		0.25	0.030	ng/g	☼	09/12/22 17:10	09/15/22 07:09	1
Perfluoroundecanoic acid	ND		0.25	0.070	ng/g	☼	09/12/22 17:10	09/15/22 07:09	1
Perfluorododecanoic acid	ND		0.25	0.029	ng/g	☼	09/12/22 17:10	09/15/22 07:09	1
6:2 Fluorotelomer sulfonic acid	ND		0.25	0.061	ng/g	☼	09/12/22 17:10	09/15/22 07:09	1
8:2 Fluorotelomer sulfonic acid	ND		0.25	0.021	ng/g	☼	09/12/22 17:10	09/15/22 07:09	1
Perfluoropentanoic acid	ND		0.25	0.030	ng/g	☼	09/12/22 17:10	09/15/22 07:09	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-8:2 FTS	*171*		*15 - 200*	*09/12/22 17:10*	*09/15/22 07:09*	*1*
M2-6:2 FTS	*143*		*10 - 200*	*09/12/22 17:10*	*09/15/22 07:09*	*1*

Client Sample ID: SB-29 (9-12`)
Date Collected: 09/07/22 14:45
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-6
Matrix: Solid
Percent Solids: 79.5

Method: 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	101		10 - 174	09/12/22 17:10	09/15/22 07:09	1
13C4 PFHpA	109		10 - 178	09/12/22 17:10	09/15/22 07:09	1
13C8 PFOA	105		26 - 159	09/12/22 17:10	09/15/22 07:09	1
13C9 PFNA	121		26 - 165	09/12/22 17:10	09/15/22 07:09	1
13C6 PFDA	109		26 - 161	09/12/22 17:10	09/15/22 07:09	1
13C7 PFUnA	128		12 - 173	09/12/22 17:10	09/15/22 07:09	1
13C2-PFDoDA	120		11 - 166	09/12/22 17:10	09/15/22 07:09	1
13C2 PFTeDA	117		10 - 169	09/12/22 17:10	09/15/22 07:09	1
13C3 PFBS	125		27 - 179	09/12/22 17:10	09/15/22 07:09	1
13C3 PFHxS	113		24 - 171	09/12/22 17:10	09/15/22 07:09	1
13C8 PFOS	121		41 - 154	09/12/22 17:10	09/15/22 07:09	1
d3-NMeFOSAA	105		10 - 178	09/12/22 17:10	09/15/22 07:09	1
d5-NEtFOSAA	109		10 - 193	09/12/22 17:10	09/15/22 07:09	1
13C8 FOSA	33		14 - 163	09/12/22 17:10	09/15/22 07:09	1
13C4 PFBA	103		28 - 153	09/12/22 17:10	09/15/22 07:09	1
13C5 PFPeA	113		24 - 161	09/12/22 17:10	09/15/22 07:09	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	12100		12.4	5.5	mg/Kg	☼	09/08/22 13:56	09/09/22 22:14	1
Antimony	2.4	J	18.6	0.50	mg/Kg	☼	09/08/22 13:56	09/09/22 22:14	1
Arsenic	10		2.5	0.50	mg/Kg	☼	09/08/22 13:56	09/09/22 22:14	1
Barium	105		0.62	0.14	mg/Kg	☼	09/08/22 13:56	09/09/22 22:14	1
Beryllium	1.8		0.25	0.035	mg/Kg	☼	09/08/22 13:56	09/09/22 22:14	1
Cadmium	0.27		0.25	0.037	mg/Kg	☼	09/08/22 13:56	09/09/22 22:14	1
Calcium	62500	B	62.0	4.1	mg/Kg	☼	09/08/22 13:56	09/09/22 22:14	1
Chromium	16.6		0.62	0.25	mg/Kg	☼	09/08/22 13:56	09/09/22 22:14	1
Cobalt	5.9		0.62	0.062	mg/Kg	☼	09/08/22 13:56	09/09/22 22:14	1
Copper	33.3		1.2	0.26	mg/Kg	☼	09/08/22 13:56	09/09/22 22:14	1
Iron	25100		12.4	4.3	mg/Kg	☼	09/08/22 13:56	09/09/22 22:14	1
Lead	118	B	1.2	0.30	mg/Kg	☼	09/08/22 13:56	09/09/22 22:14	1
Magnesium	11900	B	24.8	1.2	mg/Kg	☼	09/08/22 13:56	09/09/22 22:14	1
Manganese	1170		0.25	0.040	mg/Kg	☼	09/08/22 13:56	09/09/22 22:14	1
Nickel	16.1		6.2	0.29	mg/Kg	☼	09/08/22 13:56	09/09/22 22:14	1
Potassium	1820		37.2	24.8	mg/Kg	☼	09/08/22 13:56	09/09/22 22:14	1
Selenium	1.7	J	5.0	0.50	mg/Kg	☼	09/08/22 13:56	09/09/22 22:14	1
Silver	ND		0.74	0.25	mg/Kg	☼	09/08/22 13:56	09/09/22 22:14	1
Sodium	388		174	16.1	mg/Kg	☼	09/08/22 13:56	09/09/22 22:14	1
Thallium	ND		7.4	0.37	mg/Kg	☼	09/08/22 13:56	09/09/22 22:14	1
Vanadium	22.3		0.62	0.14	mg/Kg	☼	09/08/22 13:56	09/09/22 22:14	1
Zinc	109		2.5	0.79	mg/Kg	☼	09/08/22 13:56	09/09/22 22:14	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20		0.026	0.0060	mg/Kg	☼	09/09/22 11:27	09/09/22 14:04	1

Client Sample ID: DUP-1
Date Collected: 09/07/22 00:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-7
Matrix: Solid
Percent Solids: 86.1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.2	0.45	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
1,1,2,2-Tetrachloroethane	ND	*3	6.2	1.0	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.2	1.4	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
1,1,2-Trichloroethane	ND	*3	6.2	0.80	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
1,1-Dichloroethane	ND		6.2	0.75	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
1,1-Dichloroethene	ND		6.2	0.76	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
1,2,4-Trichlorobenzene	ND	*3	6.2	0.38	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
1,2,4-Trimethylbenzene	ND	*3	6.2	1.2	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
1,2-Dibromo-3-Chloropropane	ND	*3	6.2	3.1	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
1,2-Dichlorobenzene	ND	*3	6.2	0.48	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
1,2-Dichloroethane	ND		6.2	0.31	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
1,2-Dichloropropane	ND		6.2	3.1	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
1,3,5-Trimethylbenzene	ND	*3	6.2	0.40	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
1,3-Dichlorobenzene	ND	*3	6.2	0.32	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
1,4-Dichlorobenzene	ND	*3	6.2	0.86	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
2-Butanone (MEK)	ND		31	2.3	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
2-Hexanone	ND	*3	31	3.1	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
4-Isopropyltoluene	ND	*3	6.2	0.50	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
4-Methyl-2-pentanone (MIBK)	ND	*3	31	2.0	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Acetone	**9.6**	**J**	31	5.2	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Benzene	ND		6.2	0.30	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Bromoform	ND	*3	6.2	3.1	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Bromomethane	ND		6.2	0.56	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Carbon disulfide	**6.0**	**J**	6.2	3.1	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Carbon tetrachloride	ND		6.2	0.60	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Chlorobenzene	ND	*3	6.2	0.82	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Dibromochloromethane	ND	*3	6.2	0.79	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Chloroethane	ND		6.2	1.4	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Chloroform	ND		6.2	0.38	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Chloromethane	ND		6.2	0.37	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
cis-1,2-Dichloroethene	ND		6.2	0.79	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Cyclohexane	ND		6.2	0.86	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Bromodichloromethane	ND		6.2	0.83	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Dichlorodifluoromethane	ND		6.2	0.51	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Ethylbenzene	ND	*3	6.2	0.43	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
1,2-Dibromoethane	ND	*3	6.2	0.79	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Isopropylbenzene	ND	*3	6.2	0.93	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Methyl acetate	ND		31	3.7	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Methyl tert-butyl ether	ND		6.2	0.61	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Methylcyclohexane	ND		6.2	0.94	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Methylene Chloride	ND		6.2	2.8	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
m,p-Xylene	ND	*3	12	1.0	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Naphthalene	ND	*3	6.2	0.83	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
n-Butylbenzene	ND	*3	6.2	0.54	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
N-Propylbenzene	ND	*3	6.2	0.49	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
o-Xylene	ND	*3	6.2	0.81	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
sec-Butylbenzene	ND	*3	6.2	0.54	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Tetrachloroethene	ND	*3	6.2	0.83	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Toluene	ND	*3	6.2	0.47	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1

Client Sample ID: DUP-1
Date Collected: 09/07/22 00:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-7
Matrix: Solid
Percent Solids: 86.1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		6.2	0.64	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
trans-1,3-Dichloropropene	ND	*3	6.2	2.7	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Trichloroethene	ND		6.2	1.4	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Trichlorofluoromethane	ND		6.2	0.58	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Vinyl chloride	ND		6.2	0.75	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Xylenes, Total	ND		12	1.0	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
cis-1,3-Dichloropropene	ND		6.2	0.89	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
Styrene	ND	*3	6.2	0.31	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1
tert-Butylbenzene	ND	*3	6.2	0.64	ug/Kg	☼	09/08/22 10:00	09/11/22 23:05	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*90*	*T J*	*ug/Kg*	☼	*9.59*		*09/08/22 10:00*	*09/11/22 23:05*	*1*
Unknown	*9.8*	*T J*	*ug/Kg*	☼	*11.36*		*09/08/22 10:00*	*09/11/22 23:05*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*64 - 126*	*09/08/22 10:00*	*09/11/22 23:05*	*1*
4-Bromofluorobenzene (Surr)	*66*	*3 S1-*	*72 - 126*	*09/08/22 10:00*	*09/11/22 23:05*	*1*
Toluene-d8 (Surr)	*158*	*3 S1+*	*71 - 125*	*09/08/22 10:00*	*09/11/22 23:05*	*1*
Dibromofluoromethane (Surr)	*117*		*60 - 140*	*09/08/22 10:00*	*09/11/22 23:05*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		2000	290	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
bis (2-chloroisopropyl) ether	ND		2000	390	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
2,4,5-Trichlorophenol	ND		2000	530	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
2,4,6-Trichlorophenol	ND		2000	390	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
2,4-Dichlorophenol	ND		2000	210	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
2,4-Dimethylphenol	ND		2000	470	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
2,4-Dinitrophenol	ND		19000	9000	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
2,4-Dinitrotoluene	ND		2000	400	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
2,6-Dinitrotoluene	ND		2000	230	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
2-Chloronaphthalene	ND		2000	320	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
1,4-Dioxane	ND		1200	630	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
2-Chlorophenol	ND		3800	360	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
2-Methylnaphthalene	ND		2000	390	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
2-Methylphenol	ND		2000	230	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
2-Nitroaniline	ND		3800	290	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
2-Nitrophenol	ND		2000	550	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
3,3'-Dichlorobenzidine	ND		3800	2300	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
3-Nitroaniline	ND		3800	540	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
4,6-Dinitro-2-methylphenol	ND		3800	2000	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
4-Bromophenyl phenyl ether	ND		2000	280	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
4-Chloro-3-methylphenol	ND		2000	480	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
4-Chloroaniline	ND		2000	480	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
4-Chlorophenyl phenyl ether	ND		2000	240	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
4-Methylphenol	ND		3800	230	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
4-Nitroaniline	ND		3800	1000	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
4-Nitrophenol	ND		3800	1400	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Acenaphthene	**1500**	**J**	2000	290	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Acenaphthylene	ND		2000	250	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10

Client Sample ID: DUP-1
Date Collected: 09/07/22 00:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-7
Matrix: Solid
Percent Solids: 86.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetophenone	ND		2000	260	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Anthracene	**3400**		2000	480	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Atrazine	ND		2000	680	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Benzaldehyde	ND		2000	1600	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Benzo[a]anthracene	**5400**		2000	200	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Benzo[a]pyrene	**4800**		2000	290	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Benzo[b]fluoranthene	**5200**		2000	310	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Benzo[g,h,i]perylene	**2200**		2000	210	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Benzo[k]fluoranthene	**2400**		2000	250	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Bis(2-chloroethoxy)methane	ND		2000	410	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Bis(2-chloroethyl)ether	ND		2000	250	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Bis(2-ethylhexyl) phthalate	ND		2000	670	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Butyl benzyl phthalate	ND		2000	320	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Caprolactam	ND		2000	590	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Carbazole	**2200**		2000	230	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Chrysene	**5700**		2000	440	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Di-n-butyl phthalate	ND		2000	330	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Di-n-octyl phthalate	ND		2000	230	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Dibenz(a,h)anthracene	**870**	**J**	2000	350	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Dibenzofuran	**1100**	**J**	2000	230	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Diethyl phthalate	ND		2000	250	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Dimethyl phthalate	ND		2000	230	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Fluoranthene	**12000**		2000	210	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Fluorene	**1500**	**J**	2000	230	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Hexachlorobenzene	ND		2000	260	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Hexachlorobutadiene	ND		2000	290	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Hexachlorocyclopentadiene	ND		2000	260	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Hexachloroethane	ND		2000	250	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Indeno[1,2,3-cd]pyrene	**2100**		2000	240	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Isophorone	ND		2000	410	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
N-Nitrosodi-n-propylamine	ND		2000	330	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
N-Nitrosodiphenylamine	ND		2000	1600	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Naphthalene	**370**	**J**	2000	250	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Nitrobenzene	ND		2000	220	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Pentachlorophenol	ND		3800	2000	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Phenanthrene	**14000**		2000	290	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Phenol	ND		2000	300	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10
Pyrene	**9900**		2000	230	ug/Kg	☼	09/08/22 16:05	09/09/22 20:28	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Anthracene, 2-methyl-	*1800*	*T J N*	*ug/Kg*	☼	*11.17*	*613-12-7*	*09/08/22 16:05*	*09/09/22 20:28*	*10*
Unknown	*2900*	*T J*	*ug/Kg*	☼	*11.27*		*09/08/22 16:05*	*09/09/22 20:28*	*10*
Phenanthrene, 2-methyl-	*1500*	*T J N*	*ug/Kg*	☼	*11.29*	*2531-84-2*	*09/08/22 16:05*	*09/09/22 20:28*	*10*
11H-Benzo[b]fluorene	*1700*	*T J N*	*ug/Kg*	☼	*12.32*	*243-17-4*	*09/08/22 16:05*	*09/09/22 20:28*	*10*
Perylene	*2600*	*T J N*	*ug/Kg*	☼	*14.13*	*198-55-0*	*09/08/22 16:05*	*09/09/22 20:28*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*95*		*54 - 120*	*09/08/22 16:05*	*09/09/22 20:28*	*10*
2-Fluorobiphenyl	*82*		*60 - 120*	*09/08/22 16:05*	*09/09/22 20:28*	*10*
2-Fluorophenol	*62*		*52 - 120*	*09/08/22 16:05*	*09/09/22 20:28*	*10*

Client Sample ID: DUP-1
Date Collected: 09/07/22 00:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-7
Matrix: Solid
Percent Solids: 86.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5	*72*		*53 - 120*	*09/08/22 16:05*	*09/09/22 20:28*	*10*
p-Terphenyl-d14	*96*		*79 - 130*	*09/08/22 16:05*	*09/09/22 20:28*	*10*
Phenol-d5	*67*		*54 - 120*	*09/08/22 16:05*	*09/09/22 20:28*	*10*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8240**		11.8	5.2	mg/Kg	☼	09/08/22 13:56	09/09/22 22:18	1
Antimony	**2.1**	**J**	17.8	0.47	mg/Kg	☼	09/08/22 13:56	09/09/22 22:18	1
Arsenic	**13.2**		2.4	0.47	mg/Kg	☼	09/08/22 13:56	09/09/22 22:18	1
Barium	**165**		0.59	0.13	mg/Kg	☼	09/08/22 13:56	09/09/22 22:18	1
Beryllium	**0.73**		0.24	0.033	mg/Kg	☼	09/08/22 13:56	09/09/22 22:18	1
Cadmium	**0.53**		0.24	0.036	mg/Kg	☼	09/08/22 13:56	09/09/22 22:18	1
Calcium	**67400**	**B**	59.2	3.9	mg/Kg	☼	09/08/22 13:56	09/09/22 22:18	1
Chromium	**20.8**		0.59	0.24	mg/Kg	☼	09/08/22 13:56	09/09/22 22:18	1
Cobalt	**7.6**		0.59	0.059	mg/Kg	☼	09/08/22 13:56	09/09/22 22:18	1
Copper	**50.3**		1.2	0.25	mg/Kg	☼	09/08/22 13:56	09/09/22 22:18	1
Iron	**23400**		11.8	4.1	mg/Kg	☼	09/08/22 13:56	09/09/22 22:18	1
Lead	**386**	**B**	1.2	0.28	mg/Kg	☼	09/08/22 13:56	09/09/22 22:18	1
Magnesium	**5420**	**B**	23.7	1.1	mg/Kg	☼	09/08/22 13:56	09/09/22 22:18	1
Manganese	**841**		0.24	0.038	mg/Kg	☼	09/08/22 13:56	09/09/22 22:18	1
Nickel	**21.0**		5.9	0.27	mg/Kg	☼	09/08/22 13:56	09/09/22 22:18	1
Potassium	**1670**		35.5	23.7	mg/Kg	☼	09/08/22 13:56	09/09/22 22:18	1
Selenium	**1.4**	**J**	4.7	0.47	mg/Kg	☼	09/08/22 13:56	09/09/22 22:18	1
Silver	ND		0.71	0.24	mg/Kg	☼	09/08/22 13:56	09/09/22 22:18	1
Sodium	**384**		166	15.4	mg/Kg	☼	09/08/22 13:56	09/09/22 22:18	1
Thallium	ND		7.1	0.36	mg/Kg	☼	09/08/22 13:56	09/09/22 22:18	1
Vanadium	**23.9**		0.59	0.13	mg/Kg	☼	09/08/22 13:56	09/09/22 22:18	1
Zinc	**193**		2.4	0.76	mg/Kg	☼	09/08/22 13:56	09/09/22 22:18	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.24**		0.024	0.0055	mg/Kg	☼	09/09/22 11:27	09/09/22 14:05	1

Surrogate Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201357-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(64-126)	(72-126)	(71-125)	(60-140)
480-201357-1	SB-22 (7-10`)	105	85	120	97
480-201357-3	SB-26 (8-10`)	100	85	120	96
480-201357-4	SB-27 (2.5-5.5`)	115	65 S1- *3	164 S1+ *3	123
480-201357-6	SB-29 (9-12`)	111	99	106	101
480-201357-7	DUP-1	120	66 *3 S1-	158 *3 S1+	117
LCS 480-640752/1-A	Lab Control Sample	102	96	108	99
LCS 480-640947/1-A	Lab Control Sample	103	97	109	98
MB 480-640752/18-A	Method Blank	103	97	108	98
MB 480-640947/2-A	Method Blank	105	98	108	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(53-146)	(49-148)	(50-149)	(60-140)
480-201357-2	SB-25 (4-6`)	97	91	81	98
LCS 480-641032/1-A	Lab Control Sample	93	99	89	103
MB 480-641032/3-A	Method Blank	91	97	88	94

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL
Lab Sample ID	Client Sample ID	(54-120)	(60-120)	(52-120)	(53-120)	(79-130)	(54-120)
480-201357-1	SB-22 (7-10`)	90	89	78	87	98	80
480-201357-1 MS	SB-22 (7-10`)	106	87	70	77	104	79
480-201357-1 MSD	SB-22 (7-10`)	96	79	57	66	99	63
480-201357-2	SB-25 (4-6`)	110	96	80	91	83	79
480-201357-3	SB-26 (8-10`)	90	83	70	76	94	74
480-201357-4	SB-27 (2.5-5.5`)	94	92	74	81	97	79
480-201357-5	SB-28 (8-9`)	109	93	77	85	102	81
480-201357-6	SB-29 (9-12`)	126 S1+	91	58	66	116	70
480-201357-7	DUP-1	95	82	62	72	96	67
LCS 480-640744/2-A	Lab Control Sample	88	72	60	67	90	62
MB 480-640744/1-A	Method Blank	75	87	77	84	97	80

Surrogate Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201357-1

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPHd14 = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(45-120)	(45-120)	(30-124)	(30-124)
480-201357-1	SB-22 (7-10`)	82	103	80	82
480-201357-2	SB-25 (4-6`)	200 S1+	215 S1+	78	74
480-201357-3	SB-26 (8-10`)	98	119	73	75
480-201357-6	SB-29 (9-12`)	0 S1-	0 S1-	0 S1-	0 S1-
LCS 480-641258/2-A	Lab Control Sample	80	98	65	65
MB 480-641258/1-A	Method Blank	78	96	61	62

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCBP1	DCBP2
Lab Sample ID	Client Sample ID	(60-154)	(60-154)	(65-174)	(65-174)
480-201357-1	SB-22 (7-10`)	90	98	102	112
480-201357-2	SB-25 (4-6`)	68	80	87	110
480-201357-3	SB-26 (8-10`)	93	102	100	119
480-201357-6	SB-29 (9-12`)	90	98	92	114
LCS 480-640751/2-A	Lab Control Sample	99	107	98	122
MB 480-640751/1-A	Method Blank	86	94	84	103

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8151A - Herbicides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCPAA1	DCPAA2
Lab Sample ID	Client Sample ID	(28-129)	(28-129)
480-201357-1	SB-22 (7-10`)	70	69
480-201357-2	SB-25 (4-6`)	85	79
480-201357-3	SB-26 (8-10`)	84	79
480-201357-6	SB-29 (9-12`)	100	80
LCS 480-641476/2-A	Lab Control Sample	100	79
MB 480-641476/1-A	Method Blank	83	78

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Isotope Dilution Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201357-1

Method: 537 (Modified) - Fluorinated Alkyl Substances

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M282FTS (15-200)	M262FTS (10-200)	13C5PHA (10-174)	C4PFHA (10-178)	C8PFOA (26-159)	C9PFNA (26-165)	C6PFDA (26-161)	13C7PUA (12-173)
480-201357-1	SB-22 (7-10`)	207 *5+	193	99	98	105	125	104	133
480-201357-2	SB-25 (4-6`)	272 *5+	340 *5+	103	109	111	112	121	108
480-201357-2 MS	SB-25 (4-6`)	237 *5+	224 *5+	104	107	116	129	117	136
480-201357-2 MSD	SB-25 (4-6`)	201 *5+	215 *5+	88	92	99	108	100	102
480-201357-3	SB-26 (8-10`)	149	153	93	96	100	118	94	121
480-201357-6	SB-29 (9-12`)	171	143	101	109	105	121	109	128
LCS 410-295073/2-B	Lab Control Sample	110	109	88	86	96	107	93	108
MB 410-295073/1-B	Method Blank	148	125	106	108	106	120	112	116

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFDoDA (11-166)	PFTDA (10-169)	C3PFBS (27-179)	C3PFHS (24-171)	C8PFOS (41-154)	d3NMFOS (10-178)	d5NEFOS (10-193)	PFOSA (14-163)
480-201357-1	SB-22 (7-10`)	108	98	119	106	114	64	89	51
480-201357-2	SB-25 (4-6`)	111	103	126	105	110	92	101	59
480-201357-2 MS	SB-25 (4-6`)	116	106	137	113	126	118	128	62
480-201357-2 MSD	SB-25 (4-6`)	95	88	116	98	105	85	89	47
480-201357-3	SB-26 (8-10`)	114	100	119	98	104	99	118	43
480-201357-6	SB-29 (9-12`)	120	117	125	113	121	105	109	33
LCS 410-295073/2-B	Lab Control Sample	100	96	119	103	113	75	79	73
MB 410-295073/1-B	Method Blank	120	111	123	124	127	84	98	90

		Percent Isotope Dilution Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	PFBA (28-153)	PFPeA (24-161)
480-201357-1	SB-22 (7-10`)	102	111
480-201357-2	SB-25 (4-6`)	116	113
480-201357-2 MS	SB-25 (4-6`)	120	128
480-201357-2 MSD	SB-25 (4-6`)	100	108
480-201357-3	SB-26 (8-10`)	106	110
480-201357-6	SB-29 (9-12`)	103	113
LCS 410-295073/2-B	Lab Control Sample	91	97
MB 410-295073/1-B	Method Blank	101	106

Surrogate Legend

M282FTS = M2-8:2 FTS
M262FTS = M2-6:2 FTS
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFDoDA = 13C2-PFDoDA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
PFOSA = 13C8 FOSA
PFBA = 13C4 PFBA

Isotope Dilution Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201357-1

PFPeA = 13C5 PFPeA

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-640752/18-A
Matrix: Solid
Analysis Batch: 640755

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 640752

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
1,2,4-Trimethylbenzene	ND		5.0	0.96	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
1,3,5-Trimethylbenzene	ND		5.0	0.32	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
2-Hexanone	ND		25	2.5	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
4-Isopropyltoluene	ND		5.0	0.40	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Acetone	ND		25	4.2	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Benzene	ND		5.0	0.25	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Bromoform	ND		5.0	2.5	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Bromomethane	ND		5.0	0.45	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Chloroethane	ND		5.0	1.1	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Chloroform	ND		5.0	0.31	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Chloromethane	ND		5.0	0.30	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Cyclohexane	ND		5.0	0.70	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Methyl acetate	ND		25	3.0	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
m,p-Xylene	ND		10	0.84	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Naphthalene	ND		5.0	0.67	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
n-Butylbenzene	ND		5.0	0.44	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
N-Propylbenzene	ND		5.0	0.40	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
o-Xylene	ND		5.0	0.65	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
sec-Butylbenzene	ND		5.0	0.44	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		09/08/22 16:19	09/08/22 20:50	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-640752/18-A
Matrix: Solid
Analysis Batch: 640755

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 640752

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	7.17		5.0	0.38	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Trichloroethene	ND		5.0	1.1	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Xylenes, Total	ND		10	0.84	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
Styrene	0.381	J	5.0	0.25	ug/Kg		09/08/22 16:19	09/08/22 20:50	1
tert-Butylbenzene	ND		5.0	0.52	ug/Kg		09/08/22 16:19	09/08/22 20:50	1

Tentatively Identified Compound	*Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*09/08/22 16:19*	*09/08/22 20:50*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*	*09/08/22 16:19*	*09/08/22 20:50*	*1*
4-Bromofluorobenzene (Surr)	*97*		*72 - 126*	*09/08/22 16:19*	*09/08/22 20:50*	*1*
Toluene-d8 (Surr)	*108*		*71 - 125*	*09/08/22 16:19*	*09/08/22 20:50*	*1*
Dibromofluoromethane (Surr)	*98*		*60 - 140*	*09/08/22 16:19*	*09/08/22 20:50*	*1*

Lab Sample ID: LCS 480-640752/1-A
Matrix: Solid
Analysis Batch: 640755

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 640752

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	46.3		ug/Kg		93	77 - 121
1,1,2,2-Tetrachloroethane	50.0	52.8		ug/Kg		106	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	44.0		ug/Kg		88	60 - 140
1,1,2-Trichloroethane	50.0	50.8		ug/Kg		102	78 - 122
1,1-Dichloroethane	50.0	47.4		ug/Kg		95	73 - 126
1,1-Dichloroethene	50.0	46.5		ug/Kg		93	59 - 125
1,2,4-Trichlorobenzene	50.0	51.5		ug/Kg		103	64 - 120
1,2,4-Trimethylbenzene	50.0	53.0		ug/Kg		106	74 - 120
1,2-Dibromo-3-Chloropropane	50.0	53.1		ug/Kg		106	63 - 124
1,2-Dichlorobenzene	50.0	50.9		ug/Kg		102	75 - 120
1,2-Dichloroethane	50.0	46.3		ug/Kg		93	77 - 122
1,2-Dichloropropane	50.0	47.7		ug/Kg		95	75 - 124
1,3,5-Trimethylbenzene	50.0	53.4		ug/Kg		107	74 - 120
1,3-Dichlorobenzene	50.0	51.9		ug/Kg		104	74 - 120
1,4-Dichlorobenzene	50.0	51.3		ug/Kg		103	73 - 120
2-Butanone (MEK)	250	246		ug/Kg		98	70 - 134
2-Hexanone	250	262		ug/Kg		105	59 - 130
4-Isopropyltoluene	50.0	53.3		ug/Kg		107	74 - 120
4-Methyl-2-pentanone (MIBK)	250	260		ug/Kg		104	65 - 133
Acetone	250	236		ug/Kg		94	61 - 137
Benzene	50.0	47.3		ug/Kg		95	79 - 127
Bromoform	50.0	50.4		ug/Kg		101	68 - 126

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-640752/1-A
Matrix: Solid
Analysis Batch: 640755

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 640752

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	50.0	45.5		ug/Kg		91	37 - 149
Carbon disulfide	50.0	46.6		ug/Kg		93	64 - 131
Carbon tetrachloride	50.0	46.3		ug/Kg		93	75 - 135
Chlorobenzene	50.0	50.0		ug/Kg		100	76 - 124
Dibromochloromethane	50.0	51.4		ug/Kg		103	76 - 125
Chloroethane	50.0	44.9		ug/Kg		90	69 - 135
Chloroform	50.0	44.5		ug/Kg		89	80 - 120
Chloromethane	50.0	45.8		ug/Kg		92	63 - 127
cis-1,2-Dichloroethene	50.0	45.3		ug/Kg		91	81 - 120
Cyclohexane	50.0	48.8		ug/Kg		98	65 - 120
Bromodichloromethane	50.0	48.1		ug/Kg		96	80 - 122
Dichlorodifluoromethane	50.0	39.1		ug/Kg		78	57 - 142
Ethylbenzene	50.0	50.0		ug/Kg		100	80 - 120
1,2-Dibromoethane	50.0	49.8		ug/Kg		100	78 - 120
Isopropylbenzene	50.0	54.1		ug/Kg		108	72 - 120
Methyl acetate	100	92.2		ug/Kg		92	55 - 136
Methyl tert-butyl ether	50.0	45.7		ug/Kg		91	63 - 125
Methylcyclohexane	50.0	47.6		ug/Kg		95	60 - 140
Methylene Chloride	50.0	48.4		ug/Kg		97	61 - 127
m,p-Xylene	50.0	49.7		ug/Kg		99	70 - 130
Naphthalene	50.0	51.8		ug/Kg		104	38 - 137
n-Butylbenzene	50.0	53.4		ug/Kg		107	70 - 120
N-Propylbenzene	50.0	53.4		ug/Kg		107	70 - 130
o-Xylene	50.0	49.7		ug/Kg		99	70 - 130
sec-Butylbenzene	50.0	53.8		ug/Kg		108	74 - 120
Tetrachloroethene	50.0	49.9		ug/Kg		100	74 - 122
Toluene	50.0	56.6		ug/Kg		113	74 - 128
trans-1,2-Dichloroethene	50.0	46.1		ug/Kg		92	78 - 126
trans-1,3-Dichloropropene	50.0	52.4		ug/Kg		105	73 - 123
Trichloroethene	50.0	47.0		ug/Kg		94	77 - 129
Trichlorofluoromethane	50.0	46.2		ug/Kg		92	65 - 146
Vinyl chloride	50.0	44.9		ug/Kg		90	61 - 133
cis-1,3-Dichloropropene	50.0	48.1		ug/Kg		96	80 - 120
Styrene	50.0	49.2		ug/Kg		98	80 - 120
tert-Butylbenzene	50.0	54.5		ug/Kg		109	73 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*64 - 126*
4-Bromofluorobenzene (Surr)	*96*		*72 - 126*
Toluene-d8 (Surr)	*108*		*71 - 125*
Dibromofluoromethane (Surr)	*99*		*60 - 140*

Lab Sample ID: MB 480-640947/2-A
Matrix: Solid
Analysis Batch: 640948

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 640947

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		09/11/22 18:11	09/11/22 21:28	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-640947/2-A
Matrix: Solid
Analysis Batch: 640948

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 640947

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,2,4-Trimethylbenzene	ND		5.0	0.96	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,3,5-Trimethylbenzene	ND		5.0	0.32	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
2-Hexanone	ND		25	2.5	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
4-Isopropyltoluene	ND		5.0	0.40	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Acetone	ND		25	4.2	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Benzene	ND		5.0	0.25	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Bromoform	ND		5.0	2.5	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Bromomethane	ND		5.0	0.45	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Chloroethane	ND		5.0	1.1	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Chloroform	0.392	J	5.0	0.31	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Chloromethane	ND		5.0	0.30	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Cyclohexane	ND		5.0	0.70	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Methyl acetate	ND		25	3.0	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
m,p-Xylene	ND		10	0.84	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Naphthalene	ND		5.0	0.67	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
n-Butylbenzene	ND		5.0	0.44	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
N-Propylbenzene	ND		5.0	0.40	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
o-Xylene	ND		5.0	0.65	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
sec-Butylbenzene	ND		5.0	0.44	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Toluene	ND		5.0	0.38	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		09/11/22 18:11	09/11/22 21:28	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-640947/2-A
Matrix: Solid
Analysis Batch: 640948

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 640947

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Trichloroethene	ND		5.0	1.1	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Xylenes, Total	ND		10	0.84	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Styrene	ND		5.0	0.25	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
tert-Butylbenzene	ND		5.0	0.52	ug/Kg		09/11/22 18:11	09/11/22 21:28	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*09/11/22 18:11*	*09/11/22 21:28*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*	*09/11/22 18:11*	*09/11/22 21:28*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 126*	*09/11/22 18:11*	*09/11/22 21:28*	*1*
Toluene-d8 (Surr)	*108*		*71 - 125*	*09/11/22 18:11*	*09/11/22 21:28*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*09/11/22 18:11*	*09/11/22 21:28*	*1*

Lab Sample ID: LCS 480-640947/1-A
Matrix: Solid
Analysis Batch: 640948

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 640947

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	45.1		ug/Kg		90	77 - 121
1,1,2,2-Tetrachloroethane	50.0	52.7		ug/Kg		105	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	44.4		ug/Kg		89	60 - 140
1,1,2-Trichloroethane	50.0	49.7		ug/Kg		99	78 - 122
1,1-Dichloroethane	50.0	47.0		ug/Kg		94	73 - 126
1,1-Dichloroethene	50.0	44.8		ug/Kg		90	59 - 125
1,2,4-Trichlorobenzene	50.0	49.8		ug/Kg		100	64 - 120
1,2,4-Trimethylbenzene	50.0	53.2		ug/Kg		106	74 - 120
1,2-Dibromo-3-Chloropropane	50.0	55.3		ug/Kg		111	63 - 124
1,2-Dichlorobenzene	50.0	51.1		ug/Kg		102	75 - 120
1,2-Dichloroethane	50.0	46.3		ug/Kg		93	77 - 122
1,2-Dichloropropane	50.0	47.7		ug/Kg		95	75 - 124
1,3,5-Trimethylbenzene	50.0	52.2		ug/Kg		104	74 - 120
1,3-Dichlorobenzene	50.0	51.7		ug/Kg		103	74 - 120
1,4-Dichlorobenzene	50.0	50.8		ug/Kg		102	73 - 120
2-Butanone (MEK)	250	258		ug/Kg		103	70 - 134
2-Hexanone	250	266		ug/Kg		106	59 - 130
4-Isopropyltoluene	50.0	52.1		ug/Kg		104	74 - 120
4-Methyl-2-pentanone (MIBK)	250	262		ug/Kg		105	65 - 133
Acetone	250	258		ug/Kg		103	61 - 137
Benzene	50.0	46.7		ug/Kg		93	79 - 127
Bromoform	50.0	52.9		ug/Kg		106	68 - 126
Bromomethane	50.0	42.8		ug/Kg		86	37 - 149
Carbon disulfide	50.0	45.0		ug/Kg		90	64 - 131

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-640947/1-A
Matrix: Solid
Analysis Batch: 640948

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 640947

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon tetrachloride	50.0	45.5		ug/Kg		91	75 - 135
Chlorobenzene	50.0	49.2		ug/Kg		98	76 - 124
Dibromochloromethane	50.0	52.6		ug/Kg		105	76 - 125
Chloroethane	50.0	44.9		ug/Kg		90	69 - 135
Chloroform	50.0	45.0		ug/Kg		90	80 - 120
Chloromethane	50.0	44.5		ug/Kg		89	63 - 127
cis-1,2-Dichloroethene	50.0	46.1		ug/Kg		92	81 - 120
Cyclohexane	50.0	48.2		ug/Kg		96	65 - 120
Bromodichloromethane	50.0	47.9		ug/Kg		96	80 - 122
Dichlorodifluoromethane	50.0	38.7		ug/Kg		77	57 - 142
Ethylbenzene	50.0	49.0		ug/Kg		98	80 - 120
1,2-Dibromoethane	50.0	49.3		ug/Kg		99	78 - 120
Isopropylbenzene	50.0	53.0		ug/Kg		106	72 - 120
Methyl acetate	100	99.2		ug/Kg		99	55 - 136
Methyl tert-butyl ether	50.0	46.3		ug/Kg		93	63 - 125
Methylcyclohexane	50.0	46.0		ug/Kg		92	60 - 140
Methylene Chloride	50.0	47.7		ug/Kg		95	61 - 127
m,p-Xylene	50.0	48.6		ug/Kg		97	70 - 130
Naphthalene	50.0	50.9		ug/Kg		102	38 - 137
n-Butylbenzene	50.0	52.0		ug/Kg		104	70 - 120
N-Propylbenzene	50.0	52.5		ug/Kg		105	70 - 130
o-Xylene	50.0	48.5		ug/Kg		97	70 - 130
sec-Butylbenzene	50.0	52.3		ug/Kg		105	74 - 120
Tetrachloroethene	50.0	47.3		ug/Kg		95	74 - 122
Toluene	50.0	54.9		ug/Kg		110	74 - 128
trans-1,2-Dichloroethene	50.0	45.2		ug/Kg		90	78 - 126
trans-1,3-Dichloropropene	50.0	51.4		ug/Kg		103	73 - 123
Trichloroethene	50.0	45.7		ug/Kg		91	77 - 129
Trichlorofluoromethane	50.0	43.3		ug/Kg		87	65 - 146
Vinyl chloride	50.0	43.8		ug/Kg		88	61 - 133
cis-1,3-Dichloropropene	50.0	47.7		ug/Kg		95	80 - 120
Styrene	50.0	48.4		ug/Kg		97	80 - 120
tert-Butylbenzene	50.0	53.9		ug/Kg		108	73 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*
4-Bromofluorobenzene (Surr)	*97*		*72 - 126*
Toluene-d8 (Surr)	*109*		*71 - 125*
Dibromofluoromethane (Surr)	*98*		*60 - 140*

Lab Sample ID: MB 480-641032/3-A
Matrix: Solid
Analysis Batch: 641153

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100	28	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
1,1,2,2-Tetrachloroethane	ND		100	16	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	50	ug/Kg		09/12/22 12:48	09/13/22 14:39	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-641032/3-A
Matrix: Solid
Analysis Batch: 641153

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		100	21	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
1,1-Dichloroethane	ND		100	31	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
1,1-Dichloroethene	ND		100	35	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
1,2,4-Trichlorobenzene	ND		100	38	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
1,2,4-Trimethylbenzene	ND		100	28	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
1,2-Dibromo-3-Chloropropane	ND		100	50	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
1,2-Dichlorobenzene	ND		100	26	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
1,2-Dichloroethane	ND		100	41	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
1,2-Dichloropropane	ND		100	16	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
1,3,5-Trimethylbenzene	ND		100	30	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
1,3-Dichlorobenzene	ND		100	27	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
1,4-Dichlorobenzene	ND		100	14	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
2-Butanone (MEK)	ND		500	300	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
2-Hexanone	ND		500	210	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
4-Isopropyltoluene	ND		100	34	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
4-Methyl-2-pentanone (MIBK)	ND		500	32	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Acetone	ND		500	410	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Benzene	ND		100	19	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Bromoform	ND		100	50	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Bromomethane	ND		100	22	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Carbon disulfide	ND		100	46	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Carbon tetrachloride	ND		100	26	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Chlorobenzene	ND		100	13	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Dibromochloromethane	ND		100	48	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Chloroethane	ND		100	21	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Chloroform	ND		100	69	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Chloromethane	ND		100	24	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
cis-1,2-Dichloroethene	ND		100	28	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Cyclohexane	ND		100	22	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Bromodichloromethane	ND		100	20	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Dichlorodifluoromethane	ND		100	44	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Ethylbenzene	ND		100	29	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
1,2-Dibromoethane	ND		100	18	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Isopropylbenzene	ND		100	15	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Methyl acetate	ND		500	48	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Methyl tert-butyl ether	ND		100	38	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Methylcyclohexane	ND		100	47	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Methylene Chloride	ND		100	20	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
m,p-Xylene	ND		200	55	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Naphthalene	ND		100	34	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
n-Butylbenzene	ND		100	29	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
N-Propylbenzene	ND		100	26	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
o-Xylene	ND		100	13	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
sec-Butylbenzene	ND		100	37	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Tetrachloroethene	ND		100	13	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Toluene	ND		100	27	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
trans-1,2-Dichloroethene	ND		100	24	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
trans-1,3-Dichloropropene	ND		100	9.8	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Trichloroethene	ND		100	28	ug/Kg		09/12/22 12:48	09/13/22 14:39	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-641032/3-A
Matrix: Solid
Analysis Batch: 641153

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		100	47	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Vinyl chloride	ND		100	34	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Xylenes, Total	ND		200	55	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
cis-1,3-Dichloropropene	ND		100	24	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
Styrene	ND		100	24	ug/Kg		09/12/22 12:48	09/13/22 14:39	1
tert-Butylbenzene	ND		100	28	ug/Kg		09/12/22 12:48	09/13/22 14:39	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*09/12/22 12:48*	*09/13/22 14:39*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*53 - 146*	*09/12/22 12:48*	*09/13/22 14:39*	*1*
4-Bromofluorobenzene (Surr)	*97*		*49 - 148*	*09/12/22 12:48*	*09/13/22 14:39*	*1*
Toluene-d8 (Surr)	*88*		*50 - 149*	*09/12/22 12:48*	*09/13/22 14:39*	*1*
Dibromofluoromethane (Surr)	*94*		*60 - 140*	*09/12/22 12:48*	*09/13/22 14:39*	*1*

Lab Sample ID: LCS 480-641032/1-A
Matrix: Solid
Analysis Batch: 641153

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	2500	2920		ug/Kg		117	68 - 130
1,1,2,2-Tetrachloroethane	2500	2190		ug/Kg		88	73 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	2500	2500		ug/Kg		100	10 - 179
1,1,2-Trichloroethane	2500	2320		ug/Kg		93	80 - 120
1,1-Dichloroethane	2500	2620		ug/Kg		105	78 - 121
1,1-Dichloroethene	2500	2830		ug/Kg		113	48 - 133
1,2,4-Trichlorobenzene	2500	2570		ug/Kg		103	70 - 140
1,2,4-Trimethylbenzene	2500	2700		ug/Kg		108	77 - 127
1,2-Dibromo-3-Chloropropane	2500	2530		ug/Kg		101	56 - 122
1,2-Dichlorobenzene	2500	2460		ug/Kg		98	78 - 125
1,2-Dichloroethane	2500	2750		ug/Kg		110	74 - 127
1,2-Dichloropropane	2500	2530		ug/Kg		101	80 - 120
1,3,5-Trimethylbenzene	2500	2650		ug/Kg		106	79 - 120
1,3-Dichlorobenzene	2500	2490		ug/Kg		100	80 - 120
1,4-Dichlorobenzene	2500	2500		ug/Kg		100	80 - 120
2-Butanone (MEK)	12500	10200		ug/Kg		82	54 - 149
2-Hexanone	12500	9760		ug/Kg		78	59 - 127
4-Isopropyltoluene	2500	2700		ug/Kg		108	80 - 120
4-Methyl-2-pentanone (MIBK)	12500	9080	*-	ug/Kg		73	74 - 120
Acetone	12500	10600		ug/Kg		84	47 - 141
Benzene	2500	2610		ug/Kg		104	77 - 125
Bromoform	2500	2930		ug/Kg		117	48 - 125
Bromomethane	2500	2420		ug/Kg		97	39 - 149
Carbon disulfide	2500	3090		ug/Kg		124	40 - 136
Carbon tetrachloride	2500	3100		ug/Kg		124	54 - 135
Chlorobenzene	2500	2490		ug/Kg		100	76 - 126

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-641032/1-A
Matrix: Solid
Analysis Batch: 641153

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibromochloromethane	2500	2970		ug/Kg		119	64 - 120
Chloroethane	2500	2200		ug/Kg		88	23 - 150
Chloroform	2500	2720		ug/Kg		109	78 - 120
Chloromethane	2500	1880		ug/Kg		75	61 - 124
cis-1,2-Dichloroethene	2500	2800		ug/Kg		112	79 - 124
Cyclohexane	2500	2370		ug/Kg		95	49 - 129
Bromodichloromethane	2500	2910		ug/Kg		117	71 - 121
Dichlorodifluoromethane	2500	2240		ug/Kg		90	10 - 150
Ethylbenzene	2500	2570		ug/Kg		103	78 - 124
1,2-Dibromoethane	2500	2670		ug/Kg		107	80 - 120
Isopropylbenzene	2500	2660		ug/Kg		106	76 - 120
Methyl acetate	5000	4020		ug/Kg		80	71 - 123
Methyl tert-butyl ether	2500	2590		ug/Kg		104	67 - 137
Methylcyclohexane	2500	2620		ug/Kg		105	50 - 130
Methylene Chloride	2500	2970	*+	ug/Kg		119	75 - 118
m,p-Xylene	2500	2590		ug/Kg		104	77 - 125
Naphthalene	2500	2670		ug/Kg		107	65 - 142
n-Butylbenzene	2500	2580		ug/Kg		103	80 - 120
N-Propylbenzene	2500	2500		ug/Kg		100	76 - 120
o-Xylene	2500	2650		ug/Kg		106	80 - 124
sec-Butylbenzene	2500	2540		ug/Kg		102	79 - 120
Tetrachloroethene	2500	2600		ug/Kg		104	73 - 133
Toluene	2500	2530		ug/Kg		101	75 - 124
trans-1,2-Dichloroethene	2500	2820		ug/Kg		113	74 - 129
trans-1,3-Dichloropropene	2500	3050	*+	ug/Kg		122	73 - 120
Trichloroethene	2500	2720		ug/Kg		109	75 - 131
Trichlorofluoromethane	2500	2760		ug/Kg		110	29 - 158
Vinyl chloride	2500	2180		ug/Kg		87	59 - 124
cis-1,3-Dichloropropene	2500	2940		ug/Kg		117	75 - 121
Styrene	2500	2720		ug/Kg		109	80 - 120
tert-Butylbenzene	2500	2550		ug/Kg		102	78 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*53 - 146*
4-Bromofluorobenzene (Surr)	*99*		*49 - 148*
Toluene-d8 (Surr)	*89*		*50 - 149*
Dibromofluoromethane (Surr)	*103*		*60 - 140*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-640744/1-A
Matrix: Solid
Analysis Batch: 640868

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 640744

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		170	25	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
bis (2-chloroisopropyl) ether	ND		170	34	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
2,4,5-Trichlorophenol	ND		170	46	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
2,4,6-Trichlorophenol	ND		170	34	ug/Kg		09/08/22 16:05	09/09/22 16:24	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-640744/1-A
Matrix: Solid
Analysis Batch: 640868

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 640744

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	ND		170	18	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
2,4-Dimethylphenol	ND		170	41	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
2,4-Dinitrophenol	ND		1600	780	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
2,4-Dinitrotoluene	ND		170	35	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
2,6-Dinitrotoluene	ND		170	20	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
2-Chloronaphthalene	ND		170	28	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
1,4-Dioxane	ND		99	55	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
2-Chlorophenol	ND		330	31	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
2-Methylnaphthalene	ND		170	34	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
2-Methylphenol	ND		170	20	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
2-Nitroaniline	ND		330	25	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
2-Nitrophenol	ND		170	48	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
3,3'-Dichlorobenzidine	ND		330	200	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
3-Nitroaniline	ND		330	47	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
4,6-Dinitro-2-methylphenol	ND		330	170	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
4-Bromophenyl phenyl ether	ND		170	24	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
4-Chloro-3-methylphenol	ND		170	42	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
4-Chloroaniline	ND		170	42	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
4-Chlorophenyl phenyl ether	ND		170	21	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
4-Methylphenol	ND		330	20	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
4-Nitroaniline	ND		330	88	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
4-Nitrophenol	ND		330	120	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Acenaphthene	ND		170	25	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Acenaphthylene	ND		170	22	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Acetophenone	ND		170	23	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Anthracene	ND		170	42	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Atrazine	ND		170	59	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Benzaldehyde	ND		170	130	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Benzo[a]anthracene	ND		170	17	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Benzo[a]pyrene	ND		170	25	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Benzo[b]fluoranthene	ND		170	27	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Benzo[g,h,i]perylene	ND		170	18	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Benzo[k]fluoranthene	ND		170	22	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Bis(2-chloroethoxy)methane	ND		170	36	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Bis(2-chloroethyl)ether	ND		170	22	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Bis(2-ethylhexyl) phthalate	ND		170	58	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Butyl benzyl phthalate	ND		170	28	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Caprolactam	ND		170	51	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Carbazole	ND		170	20	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Chrysene	ND		170	38	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Di-n-butyl phthalate	ND		170	29	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Di-n-octyl phthalate	ND		170	20	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Dibenz(a,h)anthracene	ND		170	30	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Dibenzofuran	ND		170	20	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Diethyl phthalate	ND		170	22	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Dimethyl phthalate	ND		170	20	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Fluoranthene	ND		170	18	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Fluorene	ND		170	20	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Hexachlorobenzene	ND		170	23	ug/Kg		09/08/22 16:05	09/09/22 16:24	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-640744/1-A
Matrix: Solid
Analysis Batch: 640868

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 640744

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	ND		170	25	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Hexachlorocyclopentadiene	ND		170	23	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Hexachloroethane	ND		170	22	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Indeno[1,2,3-cd]pyrene	ND		170	21	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Isophorone	ND		170	36	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
N-Nitrosodi-n-propylamine	ND		170	29	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
N-Nitrosodiphenylamine	ND		170	140	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Naphthalene	ND		170	22	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Nitrobenzene	ND		170	19	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Pentachlorophenol	ND		330	170	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Phenanthrene	ND		170	25	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Phenol	ND		170	26	ug/Kg		09/08/22 16:05	09/09/22 16:24	1
Pyrene	ND		170	20	ug/Kg		09/08/22 16:05	09/09/22 16:24	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*3160*	*T J*	*ug/Kg*		*1.72*		*09/08/22 16:05*	*09/09/22 16:24*	*1*
Unknown	*3560*	*T J*	*ug/Kg*		*1.81*		*09/08/22 16:05*	*09/09/22 16:24*	*1*
Unknown	*654*	*T J*	*ug/Kg*		*3.05*		*09/08/22 16:05*	*09/09/22 16:24*	*1*
Pentacosane	*250*	*T J N*	*ug/Kg*		*12.97*	*629-99-2*	*09/08/22 16:05*	*09/09/22 16:24*	*1*
Heneicosane	*309*	*T J N*	*ug/Kg*		*13.24*	*629-94-7*	*09/08/22 16:05*	*09/09/22 16:24*	*1*
Heptacosane	*294*	*T J N*	*ug/Kg*		*13.50*	*593-49-7*	*09/08/22 16:05*	*09/09/22 16:24*	*1*
Hexatriacontane	*209*	*T J N*	*ug/Kg*		*13.75*	*630-06-8*	*09/08/22 16:05*	*09/09/22 16:24*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*75*		*54 - 120*	*09/08/22 16:05*	*09/09/22 16:24*	*1*
2-Fluorobiphenyl	*87*		*60 - 120*	*09/08/22 16:05*	*09/09/22 16:24*	*1*
2-Fluorophenol	*77*		*52 - 120*	*09/08/22 16:05*	*09/09/22 16:24*	*1*
Nitrobenzene-d5	*84*		*53 - 120*	*09/08/22 16:05*	*09/09/22 16:24*	*1*
p-Terphenyl-d14	*97*		*79 - 130*	*09/08/22 16:05*	*09/09/22 16:24*	*1*
Phenol-d5	*80*		*54 - 120*	*09/08/22 16:05*	*09/09/22 16:24*	*1*

Lab Sample ID: LCS 480-640744/2-A
Matrix: Solid
Analysis Batch: 640868

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 640744

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	1650	1220		ug/Kg		74	59 - 120
bis (2-chloroisopropyl) ether	1650	970		ug/Kg		59	44 - 120
2,4,5-Trichlorophenol	1650	1380		ug/Kg		84	59 - 126
2,4,6-Trichlorophenol	1650	1320		ug/Kg		80	59 - 123
2,4-Dichlorophenol	1650	1110		ug/Kg		67	61 - 120
2,4-Dimethylphenol	1650	1110		ug/Kg		67	59 - 120
2,4-Dinitrophenol	3290	3000		ug/Kg		91	41 - 146
2,4-Dinitrotoluene	1650	1480		ug/Kg		90	63 - 120
2,6-Dinitrotoluene	1650	1470		ug/Kg		89	66 - 120
2-Chloronaphthalene	1650	1240		ug/Kg		75	57 - 120
1,4-Dioxane	1650	606		ug/Kg		37	23 - 120
2-Chlorophenol	1650	1030		ug/Kg		63	53 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-640744/2-A
Matrix: Solid
Analysis Batch: 640868

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 640744

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methylnaphthalene	1650	1040		ug/Kg		63	59 - 120
2-Methylphenol	1650	1030		ug/Kg		62	54 - 120
2-Nitroaniline	1650	1370		ug/Kg		83	61 - 120
2-Nitrophenol	1650	1120		ug/Kg		68	56 - 120
3,3'-Dichlorobenzidine	3290	2490		ug/Kg		76	54 - 120
3-Nitroaniline	1650	1230		ug/Kg		75	48 - 120
4,6-Dinitro-2-methylphenol	3290	3200		ug/Kg		97	49 - 122
4-Bromophenyl phenyl ether	1650	1430		ug/Kg		87	58 - 120
4-Chloro-3-methylphenol	1650	1190		ug/Kg		72	61 - 120
4-Chloroaniline	1650	955		ug/Kg		58	38 - 120
4-Chlorophenyl phenyl ether	1650	1270		ug/Kg		77	63 - 124
4-Methylphenol	1650	1050		ug/Kg		64	55 - 120
4-Nitroaniline	1650	1400		ug/Kg		85	56 - 120
4-Nitrophenol	3290	2930		ug/Kg		89	43 - 147
Acenaphthene	1650	1250		ug/Kg		76	62 - 120
Acenaphthylene	1650	1270		ug/Kg		77	58 - 121
Acetophenone	1650	1030		ug/Kg		63	54 - 120
Anthracene	1650	1460		ug/Kg		88	62 - 120
Atrazine	3290	2760		ug/Kg		84	60 - 127
Benzaldehyde	3290	1780		ug/Kg		54	10 - 150
Benzo[a]anthracene	1650	1430		ug/Kg		87	65 - 120
Benzo[a]pyrene	1650	1490		ug/Kg		91	64 - 120
Benzo[b]fluoranthene	1650	1390		ug/Kg		84	64 - 120
Benzo[g,h,i]perylene	1650	1440		ug/Kg		88	45 - 145
Benzo[k]fluoranthene	1650	1710		ug/Kg		104	65 - 120
Bis(2-chloroethoxy)methane	1650	1080		ug/Kg		66	55 - 120
Bis(2-chloroethyl)ether	1650	1040		ug/Kg		63	45 - 120
Bis(2-ethylhexyl) phthalate	1650	1390		ug/Kg		84	61 - 133
Butyl benzyl phthalate	1650	1430		ug/Kg		87	61 - 129
Caprolactam	3290	2530		ug/Kg		77	47 - 120
Carbazole	1650	1560		ug/Kg		95	65 - 120
Chrysene	1650	1460		ug/Kg		89	64 - 120
Di-n-butyl phthalate	1650	1450		ug/Kg		88	58 - 130
Di-n-octyl phthalate	1650	1400		ug/Kg		85	57 - 133
Dibenz(a,h)anthracene	1650	1520		ug/Kg		93	54 - 132
Dibenzofuran	1650	1250		ug/Kg		76	63 - 120
Diethyl phthalate	1650	1410		ug/Kg		86	66 - 120
Dimethyl phthalate	1650	1340		ug/Kg		81	65 - 124
Fluoranthene	1650	1470		ug/Kg		90	62 - 120
Fluorene	1650	1290		ug/Kg		79	63 - 120
Hexachlorobenzene	1650	1480		ug/Kg		90	60 - 120
Hexachlorobutadiene	1650	1060		ug/Kg		64	45 - 120
Hexachlorocyclopentadiene	1650	1070		ug/Kg		65	47 - 120
Hexachloroethane	1650	900		ug/Kg		55	41 - 120
Indeno[1,2,3-cd]pyrene	1650	1490		ug/Kg		90	56 - 134
Isophorone	1650	1090		ug/Kg		66	56 - 120
N-Nitrosodi-n-propylamine	1650	1020		ug/Kg		62	52 - 120
Naphthalene	1650	1070		ug/Kg		65	55 - 120
Nitrobenzene	1650	1100		ug/Kg		67	54 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-640744/2-A
Matrix: Solid
Analysis Batch: 640868

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 640744

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Pentachlorophenol			3290	2670		ug/Kg		81	51 - 120		
Phenanthrene			1650	1450		ug/Kg		88	60 - 120		
Phenol			1650	1050		ug/Kg		64	53 - 120		
Pyrene			1650	1520		ug/Kg		92	61 - 133		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*88*		*54 - 120*
2-Fluorobiphenyl	*72*		*60 - 120*
2-Fluorophenol	*60*		*52 - 120*
Nitrobenzene-d5	*67*		*53 - 120*
p-Terphenyl-d14	*90*		*79 - 130*
Phenol-d5	*62*		*54 - 120*

Lab Sample ID: 480-201357-1 MS
Matrix: Solid
Analysis Batch: 640868

Client Sample ID: SB-22 (7-10`)
Prep Type: Total/NA
Prep Batch: 640744

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Biphenyl	ND		1870	1650		ug/Kg	☼	88	58 - 120		
bis (2-chloroisopropyl) ether	ND		1870	1250		ug/Kg	☼	67	31 - 120		
2,4,5-Trichlorophenol	ND		1870	1970		ug/Kg	☼	106	46 - 120		
2,4,6-Trichlorophenol	ND		1870	1920		ug/Kg	☼	103	41 - 123		
2,4-Dichlorophenol	ND	F2	1870	1640		ug/Kg	☼	88	45 - 120		
2,4-Dimethylphenol	ND		1870	1600		ug/Kg	☼	86	52 - 120		
2,4-Dinitrophenol	ND		3730	4300		ug/Kg	☼	115	41 - 146		
2,4-Dinitrotoluene	ND		1870	1960		ug/Kg	☼	105	63 - 125		
2,6-Dinitrotoluene	ND		1870	2030		ug/Kg	☼	109	66 - 120		
2-Chloronaphthalene	ND		1870	1680		ug/Kg	☼	90	57 - 120		
1,4-Dioxane	ND		1870	727		ug/Kg	☼	39	13 - 120		
2-Chlorophenol	ND		1870	1380		ug/Kg	☼	74	43 - 120		
2-Methylnaphthalene	ND		1870	1400		ug/Kg	☼	75	55 - 120		
2-Methylphenol	ND		1870	1450		ug/Kg	☼	78	48 - 120		
2-Nitroaniline	ND		1870	1960		ug/Kg	☼	105	61 - 120		
2-Nitrophenol	ND	F2	1870	1530		ug/Kg	☼	82	37 - 120		
3,3'-Dichlorobenzidine	ND		3730	3370		ug/Kg	☼	90	37 - 126		
3-Nitroaniline	ND		1870	1710		ug/Kg	☼	91	48 - 120		
4,6-Dinitro-2-methylphenol	ND		3730	4330		ug/Kg	☼	116	23 - 149		
4-Bromophenyl phenyl ether	ND		1870	1950		ug/Kg	☼	104	58 - 120		
4-Chloro-3-methylphenol	ND		1870	1800		ug/Kg	☼	96	49 - 125		
4-Chloroaniline	ND		1870	1320		ug/Kg	☼	71	38 - 120		
4-Chlorophenyl phenyl ether	ND		1870	1810		ug/Kg	☼	97	63 - 124		
4-Methylphenol	ND		1870	1530		ug/Kg	☼	82	50 - 120		
4-Nitroaniline	ND		1870	1910		ug/Kg	☼	103	47 - 120		
4-Nitrophenol	ND		3730	4210		ug/Kg	☼	113	31 - 147		
Acenaphthene	ND		1870	1740		ug/Kg	☼	93	60 - 120		
Acenaphthylene	ND		1870	1760		ug/Kg	☼	94	58 - 121		
Acetophenone	ND		1870	1360		ug/Kg	☼	73	47 - 120		
Anthracene	ND		1870	1900		ug/Kg	☼	102	62 - 120		

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-201357-1 MS
Matrix: Solid
Analysis Batch: 640868

Client Sample ID: SB-22 (7-10`)
Prep Type: Total/NA
Prep Batch: 640744

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Atrazine	ND		3730	3730		ug/Kg	☼	100	60 - 150
Benzaldehyde	ND		3730	2340		ug/Kg	☼	63	10 - 150
Benzo[a]anthracene	ND		1870	1860		ug/Kg	☼	100	65 - 120
Benzo[a]pyrene	ND		1870	1910		ug/Kg	☼	103	64 - 120
Benzo[b]fluoranthene	ND	F2	1870	2020		ug/Kg	☼	108	10 - 150
Benzo[g,h,i]perylene	ND		1870	1940		ug/Kg	☼	104	45 - 145
Benzo[k]fluoranthene	ND		1870	1830		ug/Kg	☼	98	23 - 150
Bis(2-chloroethoxy)methane	ND	F2	1870	1480		ug/Kg	☼	79	52 - 120
Bis(2-chloroethyl)ether	ND		1870	1310		ug/Kg	☼	70	45 - 120
Bis(2-ethylhexyl) phthalate	ND		1870	1900		ug/Kg	☼	102	61 - 133
Butyl benzyl phthalate	ND		1870	1930		ug/Kg	☼	104	61 - 120
Caprolactam	ND		3730	3630		ug/Kg	☼	97	37 - 133
Carbazole	ND		1870	1980		ug/Kg	☼	106	59 - 120
Chrysene	ND		1870	1930		ug/Kg	☼	103	64 - 120
Di-n-butyl phthalate	ND		1870	1920		ug/Kg	☼	103	58 - 130
Di-n-octyl phthalate	ND		1870	1840		ug/Kg	☼	99	57 - 133
Dibenz(a,h)anthracene	ND		1870	1940		ug/Kg	☼	104	54 - 132
Dibenzofuran	ND		1870	1730		ug/Kg	☼	93	62 - 120
Diethyl phthalate	ND		1870	1860		ug/Kg	☼	100	66 - 120
Dimethyl phthalate	ND		1870	1860		ug/Kg	☼	100	65 - 124
Fluoranthene	ND		1870	1900		ug/Kg	☼	102	62 - 120
Fluorene	ND		1870	1800		ug/Kg	☼	97	63 - 120
Hexachlorobenzene	ND		1870	1970		ug/Kg	☼	105	60 - 120
Hexachlorobutadiene	ND		1870	1390		ug/Kg	☼	74	45 - 120
Hexachlorocyclopentadiene	ND		1870	1310		ug/Kg	☼	70	31 - 120
Hexachloroethane	ND		1870	1160		ug/Kg	☼	62	21 - 120
Indeno[1,2,3-cd]pyrene	ND		1870	1940		ug/Kg	☼	104	56 - 134
Isophorone	ND	F2	1870	1560		ug/Kg	☼	84	56 - 120
N-Nitrosodi-n-propylamine	ND		1870	1440		ug/Kg	☼	77	46 - 120
Naphthalene	ND		1870	1390		ug/Kg	☼	75	46 - 120
Nitrobenzene	ND		1870	1450		ug/Kg	☼	78	49 - 120
Pentachlorophenol	ND		3730	3750		ug/Kg	☼	100	25 - 136
Phenanthrene	ND		1870	1920		ug/Kg	☼	103	60 - 122
Phenol	ND		1870	1490		ug/Kg	☼	80	50 - 120
Pyrene	ND		1870	1980		ug/Kg	☼	106	61 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*106*		*54 - 120*
2-Fluorobiphenyl	*87*		*60 - 120*
2-Fluorophenol	*70*		*52 - 120*
Nitrobenzene-d5	*77*		*53 - 120*
p-Terphenyl-d14	*104*		*79 - 130*
Phenol-d5	*79*		*54 - 120*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-201357-1 MSD
Matrix: Solid
Analysis Batch: 640868

Client Sample ID: SB-22 (7-10`)
Prep Type: Total/NA
Prep Batch: 640744

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Biphenyl	ND		1870	1500		ug/Kg	☼	80	58 - 120	9	20
bis (2-chloroisopropyl) ether	ND		1870	1090		ug/Kg	☼	58	31 - 120	14	24
2,4,5-Trichlorophenol	ND		1870	1810		ug/Kg	☼	97	46 - 120	9	18
2,4,6-Trichlorophenol	ND		1870	1760		ug/Kg	☼	94	41 - 123	8	19
2,4-Dichlorophenol	ND	F2	1870	1340	F2	ug/Kg	☼	72	45 - 120	20	19
2,4-Dimethylphenol	ND		1870	1320		ug/Kg	☼	70	52 - 120	19	42
2,4-Dinitrophenol	ND		3750	3520		ug/Kg	☼	94	41 - 146	20	22
2,4-Dinitrotoluene	ND		1870	1770		ug/Kg	☼	94	63 - 125	10	20
2,6-Dinitrotoluene	ND		1870	1800		ug/Kg	☼	96	66 - 120	12	15
2-Chloronaphthalene	ND		1870	1530		ug/Kg	☼	82	57 - 120	9	21
1,4-Dioxane	ND		1870	661		ug/Kg	☼	35	13 - 120	9	50
2-Chlorophenol	ND		1870	1170		ug/Kg	☼	63	43 - 120	16	25
2-Methylnaphthalene	ND		1870	1250		ug/Kg	☼	67	55 - 120	12	21
2-Methylphenol	ND		1870	1210		ug/Kg	☼	65	48 - 120	18	27
2-Nitroaniline	ND		1870	1790		ug/Kg	☼	96	61 - 120	9	15
2-Nitrophenol	ND	F2	1870	1270	F2	ug/Kg	☼	68	37 - 120	19	18
3,3'-Dichlorobenzidine	ND		3750	3140		ug/Kg	☼	84	37 - 126	7	25
3-Nitroaniline	ND		1870	1560		ug/Kg	☼	83	48 - 120	9	19
4,6-Dinitro-2-methylphenol	ND		3750	3870		ug/Kg	☼	103	23 - 149	11	15
4-Bromophenyl phenyl ether	ND		1870	1750		ug/Kg	☼	94	58 - 120	11	15
4-Chloro-3-methylphenol	ND		1870	1570		ug/Kg	☼	84	49 - 125	13	27
4-Chloroaniline	ND		1870	1200		ug/Kg	☼	64	38 - 120	10	22
4-Chlorophenyl phenyl ether	ND		1870	1580		ug/Kg	☼	84	63 - 124	13	16
4-Methylphenol	ND		1870	1270		ug/Kg	☼	68	50 - 120	18	24
4-Nitroaniline	ND		1870	1630		ug/Kg	☼	87	47 - 120	16	24
4-Nitrophenol	ND		3750	3680		ug/Kg	☼	98	31 - 147	14	25
Acenaphthene	ND		1870	1500		ug/Kg	☼	80	60 - 120	15	35
Acenaphthylene	ND		1870	1570		ug/Kg	☼	84	58 - 121	11	18
Acetophenone	ND		1870	1200		ug/Kg	☼	64	47 - 120	12	20
Anthracene	ND		1870	1750		ug/Kg	☼	93	62 - 120	8	15
Atrazine	ND		3750	3370		ug/Kg	☼	90	60 - 150	10	20
Benzaldehyde	ND		3750	2090		ug/Kg	☼	56	10 - 150	11	20
Benzo[a]anthracene	ND		1870	1690		ug/Kg	☼	90	65 - 120	9	15
Benzo[a]pyrene	ND		1870	1780		ug/Kg	☼	95	64 - 120	7	15
Benzo[b]fluoranthene	ND	F2	1870	1620	F2	ug/Kg	☼	87	10 - 150	22	15
Benzo[g,h,i]perylene	ND		1870	1810		ug/Kg	☼	96	45 - 145	7	15
Benzo[k]fluoranthene	ND		1870	1960		ug/Kg	☼	104	23 - 150	7	22
Bis(2-chloroethoxy)methane	ND	F2	1870	1200	F2	ug/Kg	☼	64	52 - 120	20	17
Bis(2-chloroethyl)ether	ND		1870	1140		ug/Kg	☼	61	45 - 120	13	21
Bis(2-ethylhexyl) phthalate	ND		1870	1720		ug/Kg	☼	92	61 - 133	10	15
Butyl benzyl phthalate	ND		1870	1730		ug/Kg	☼	92	61 - 120	11	16
Caprolactam	ND		3750	3330		ug/Kg	☼	89	37 - 133	8	20
Carbazole	ND		1870	1800		ug/Kg	☼	96	59 - 120	9	20
Chrysene	ND		1870	1710		ug/Kg	☼	91	64 - 120	12	15
Di-n-butyl phthalate	ND		1870	1750		ug/Kg	☼	93	58 - 130	9	15
Di-n-octyl phthalate	ND		1870	1710		ug/Kg	☼	91	57 - 133	8	16
Dibenz(a,h)anthracene	ND		1870	1800		ug/Kg	☼	96	54 - 132	8	15
Dibenzofuran	ND		1870	1540		ug/Kg	☼	82	62 - 120	11	15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-201357-1 MSD
Matrix: Solid
Analysis Batch: 640868

Client Sample ID: SB-22 (7-10`)
Prep Type: Total/NA
Prep Batch: 640744

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diethyl phthalate	ND		1870	1670		ug/Kg	☼	89	66 - 120	11	15
Dimethyl phthalate	ND		1870	1670		ug/Kg	☼	89	65 - 124	11	15
Fluoranthene	ND		1870	1770		ug/Kg	☼	95	62 - 120	7	15
Fluorene	ND		1870	1600		ug/Kg	☼	86	63 - 120	12	15
Hexachlorobenzene	ND		1870	1780		ug/Kg	☼	95	60 - 120	10	15
Hexachlorobutadiene	ND		1870	1210		ug/Kg	☼	65	45 - 120	14	44
Hexachlorocyclopentadiene	ND		1870	1180		ug/Kg	☼	63	31 - 120	11	49
Hexachloroethane	ND		1870	1060		ug/Kg	☼	57	21 - 120	9	46
Indeno[1,2,3-cd]pyrene	ND		1870	1810		ug/Kg	☼	97	56 - 134	7	15
Isophorone	ND	F2	1870	1280	F2	ug/Kg	☼	68	56 - 120	20	17
N-Nitrosodi-n-propylamine	ND		1870	1220		ug/Kg	☼	65	46 - 120	17	31
Naphthalene	ND		1870	1220		ug/Kg	☼	65	46 - 120	13	29
Nitrobenzene	ND		1870	1240		ug/Kg	☼	66	49 - 120	15	24
Pentachlorophenol	ND		3750	3360		ug/Kg	☼	90	25 - 136	11	35
Phenanthrene	ND		1870	1720		ug/Kg	☼	92	60 - 122	11	15
Phenol	ND		1870	1200		ug/Kg	☼	64	50 - 120	22	35
Pyrene	ND		1870	1820		ug/Kg	☼	97	61 - 133	8	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*96*		*54 - 120*
2-Fluorobiphenyl	*79*		*60 - 120*
2-Fluorophenol	*57*		*52 - 120*
Nitrobenzene-d5	*66*		*53 - 120*
p-Terphenyl-d14	*99*		*79 - 130*
Phenol-d5	*63*		*54 - 120*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-641258/1-A
Matrix: Solid
Analysis Batch: 641296

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641258

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.497	J	1.7	0.32	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
4,4'-DDE	ND		1.7	0.35	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
4,4'-DDT	ND		1.7	0.39	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
Aldrin	ND		1.7	0.41	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
alpha-BHC	ND		1.7	0.30	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
cis-Chlordane	ND		1.7	0.82	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
beta-BHC	ND		1.7	0.30	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
delta-BHC	ND		1.7	0.31	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
Dieldrin	ND		1.7	0.40	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
Endosulfan I	ND		1.7	0.32	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
Endosulfan II	ND		1.7	0.30	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
Endosulfan sulfate	ND		1.7	0.31	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
Endrin	ND		1.7	0.33	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
Endrin aldehyde	1.87		1.7	0.42	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
Endrin ketone	ND		1.7	0.41	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
gamma-BHC (Lindane)	ND		1.7	0.30	ug/Kg		09/13/22 16:09	09/14/22 08:41	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 480-641258/1-A
Matrix: Solid
Analysis Batch: 641296

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641258

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-Chlordane	ND		1.7	0.52	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
Heptachlor	ND		1.7	0.36	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
Heptachlor epoxide	ND		1.7	0.43	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
Methoxychlor	ND		1.7	0.34	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
Toxaphene	ND		17	9.6	ug/Kg		09/13/22 16:09	09/14/22 08:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*78*		*45 - 120*	*09/13/22 16:09*	*09/14/22 08:41*	*1*
DCB Decachlorobiphenyl	*96*		*45 - 120*	*09/13/22 16:09*	*09/14/22 08:41*	*1*
Tetrachloro-m-xylene	*61*		*30 - 124*	*09/13/22 16:09*	*09/14/22 08:41*	*1*
Tetrachloro-m-xylene	*62*		*30 - 124*	*09/13/22 16:09*	*09/14/22 08:41*	*1*

Lab Sample ID: LCS 480-641258/2-A
Matrix: Solid
Analysis Batch: 641296

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641258

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	16.4	14.1		ug/Kg		86	56 - 120
4,4'-DDE	16.4	13.8		ug/Kg		84	44 - 120
4,4'-DDT	16.4	15.9		ug/Kg		97	38 - 120
Aldrin	16.4	12.1		ug/Kg		74	38 - 120
alpha-BHC	16.4	11.4		ug/Kg		70	39 - 120
cis-Chlordane	16.4	13.3		ug/Kg		81	47 - 120
beta-BHC	16.4	13.4		ug/Kg		82	40 - 120
delta-BHC	16.4	12.6		ug/Kg		77	45 - 120
Dieldrin	16.4	13.5		ug/Kg		83	58 - 120
Endosulfan I	16.4	13.1		ug/Kg		80	49 - 120
Endosulfan II	16.4	13.3		ug/Kg		81	55 - 120
Endosulfan sulfate	16.4	13.8		ug/Kg		85	49 - 124
Endrin	16.4	13.8		ug/Kg		85	58 - 120
Endrin aldehyde	16.4	21.5	*+	ug/Kg		132	37 - 121
Endrin ketone	16.4	15.6		ug/Kg		95	46 - 123
gamma-BHC (Lindane)	16.4	13.7		ug/Kg		83	50 - 120
trans-Chlordane	16.4	13.4		ug/Kg		82	48 - 120
Heptachlor	16.4	13.4		ug/Kg		82	50 - 120
Heptachlor epoxide	16.4	13.4		ug/Kg		82	50 - 120
Methoxychlor	16.4	16.8		ug/Kg		103	58 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*80*		*45 - 120*
DCB Decachlorobiphenyl	*98*		*45 - 120*
Tetrachloro-m-xylene	*65*		*30 - 124*
Tetrachloro-m-xylene	*65*		*30 - 124*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-640751/1-A
Matrix: Solid
Analysis Batch: 641066

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 640751

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.20	0.040	mg/Kg		09/08/22 16:16	09/12/22 14:51	1
PCB-1221	ND		0.20	0.040	mg/Kg		09/08/22 16:16	09/12/22 14:51	1
PCB-1232	ND		0.20	0.040	mg/Kg		09/08/22 16:16	09/12/22 14:51	1
PCB-1242	ND		0.20	0.040	mg/Kg		09/08/22 16:16	09/12/22 14:51	1
PCB-1248	ND		0.20	0.040	mg/Kg		09/08/22 16:16	09/12/22 14:51	1
PCB-1254	ND		0.20	0.095	mg/Kg		09/08/22 16:16	09/12/22 14:51	1
PCB-1260	ND		0.20	0.095	mg/Kg		09/08/22 16:16	09/12/22 14:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*60 - 154*	*09/08/22 16:16*	*09/12/22 14:51*	*1*
Tetrachloro-m-xylene	*94*		*60 - 154*	*09/08/22 16:16*	*09/12/22 14:51*	*1*
DCB Decachlorobiphenyl	*84*		*65 - 174*	*09/08/22 16:16*	*09/12/22 14:51*	*1*
DCB Decachlorobiphenyl	*103*		*65 - 174*	*09/08/22 16:16*	*09/12/22 14:51*	*1*

Lab Sample ID: LCS 480-640751/2-A
Matrix: Solid
Analysis Batch: 641066

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 640751

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			2.08	2.58		mg/Kg		124	51 - 185		
PCB-1260			2.08	2.44		mg/Kg		117	61 - 184		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*99*		*60 - 154*
Tetrachloro-m-xylene	*107*		*60 - 154*
DCB Decachlorobiphenyl	*98*		*65 - 174*
DCB Decachlorobiphenyl	*122*		*65 - 174*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 480-641476/1-A
Matrix: Solid
Analysis Batch: 642056

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641476

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		17	5.3	ug/Kg		09/15/22 06:58	09/20/22 14:19	1
Silvex (2,4,5-TP)	ND		17	6.0	ug/Kg		09/15/22 06:58	09/20/22 14:19	1
2,4-D	ND		17	10	ug/Kg		09/15/22 06:58	09/20/22 14:19	1
Dichlorprop	ND		17	8.3	ug/Kg		09/15/22 06:58	09/20/22 14:19	1
Pentachlorophenol	ND		17	5.4	ug/Kg		09/15/22 06:58	09/20/22 14:19	1
Picloram	ND		17	7.1	ug/Kg		09/15/22 06:58	09/20/22 14:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*83*		*28 - 129*	*09/15/22 06:58*	*09/20/22 14:19*	*1*
2,4-Dichlorophenylacetic acid	*78*		*28 - 129*	*09/15/22 06:58*	*09/20/22 14:19*	*1*

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCS 480-641476/2-A
Matrix: Solid
Analysis Batch: 642056

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641476

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	65.8	49.8		ug/Kg		76	41 - 120
Silvex (2,4,5-TP)	65.8	50.8		ug/Kg		77	39 - 125
2,4-D	65.8	51.7		ug/Kg		79	40 - 120
Dichlorprop	65.8	59.2		ug/Kg		90	34 - 121
Pentachlorophenol	65.8	10.8	J	ug/Kg		16	10 - 120
Picloram	65.8	46.4		ug/Kg		70	22 - 149

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*100*		*28 - 129*
2,4-Dichlorophenylacetic acid	*79*		*28 - 129*

Method: 537 (Modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 410-295073/1-B
Matrix: Solid
Analysis Batch: 296016

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 295073

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.20	0.019	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluoroheptanoic acid	ND		0.20	0.024	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluorooctanoic acid	ND		0.20	0.022	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluorononanoic acid	ND		0.20	0.023	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluorodecanoic acid	ND		0.20	0.024	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluorotridecanoic acid	ND		0.20	0.021	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluorotetradecanoic acid	ND		0.20	0.024	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluorobutanesulfonic acid	ND		0.40	0.36	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluorohexanesulfonic acid	ND		0.20	0.019	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluorooctanesulfonic acid	ND		0.20	0.035	ng/g		09/12/22 17:10	09/15/22 05:40	1
NEtFOSAA	ND		0.20	0.022	ng/g		09/12/22 17:10	09/15/22 05:40	1
NMeFOSAA	ND		0.20	0.031	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluoroheptanesulfonic acid	ND		0.20	0.020	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluorodecanesulfonic acid	ND		0.20	0.021	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluorooctanesulfonamide	ND		0.20	0.021	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluorobutanoic acid	ND		0.20	0.024	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluoroundecanoic acid	ND		0.20	0.056	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluorododecanoic acid	ND		0.20	0.023	ng/g		09/12/22 17:10	09/15/22 05:40	1
6:2 Fluorotelomer sulfonic acid	ND		0.20	0.049	ng/g		09/12/22 17:10	09/15/22 05:40	1
8:2 Fluorotelomer sulfonic acid	ND		0.20	0.017	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluoropentanoic acid	ND		0.20	0.024	ng/g		09/12/22 17:10	09/15/22 05:40	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-8:2 FTS	*148*		*15 - 200*	*09/12/22 17:10*	*09/15/22 05:40*	*1*
M2-6:2 FTS	*125*		*10 - 200*	*09/12/22 17:10*	*09/15/22 05:40*	*1*
13C5 PFHxA	*106*		*10 - 174*	*09/12/22 17:10*	*09/15/22 05:40*	*1*
13C4 PFHpA	*108*		*10 - 178*	*09/12/22 17:10*	*09/15/22 05:40*	*1*
13C8 PFOA	*106*		*26 - 159*	*09/12/22 17:10*	*09/15/22 05:40*	*1*
13C9 PFNA	*120*		*26 - 165*	*09/12/22 17:10*	*09/15/22 05:40*	*1*
13C6 PFDA	*112*		*26 - 161*	*09/12/22 17:10*	*09/15/22 05:40*	*1*

Method: 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: MB 410-295073/1-B
Matrix: Solid
Analysis Batch: 296016

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 295073

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C7 PFUnA	116		12 - 173	09/12/22 17:10	09/15/22 05:40	1
13C2-PFDoDA	120		11 - 166	09/12/22 17:10	09/15/22 05:40	1
13C2 PFTeDA	111		10 - 169	09/12/22 17:10	09/15/22 05:40	1
13C3 PFBS	123		27 - 179	09/12/22 17:10	09/15/22 05:40	1
13C3 PFHxS	124		24 - 171	09/12/22 17:10	09/15/22 05:40	1
13C8 PFOS	127		41 - 154	09/12/22 17:10	09/15/22 05:40	1
d3-NMeFOSAA	84		10 - 178	09/12/22 17:10	09/15/22 05:40	1
d5-NEtFOSAA	98		10 - 193	09/12/22 17:10	09/15/22 05:40	1
13C8 FOSA	90		14 - 163	09/12/22 17:10	09/15/22 05:40	1
13C4 PFBA	101		28 - 153	09/12/22 17:10	09/15/22 05:40	1
13C5 PFPeA	106		24 - 161	09/12/22 17:10	09/15/22 05:40	1

Lab Sample ID: LCS 410-295073/2-B
Matrix: Solid
Analysis Batch: 296016

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 295073

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorohexanoic acid	2.50	1.73		ng/g		69	59 - 132
Perfluoroheptanoic acid	2.50	1.83		ng/g		73	59 - 137
Perfluorooctanoic acid	2.50	1.78		ng/g		71	59 - 131
Perfluorononanoic acid	2.50	1.70		ng/g		68	61 - 134
Perfluorodecanoic acid	2.50	1.80		ng/g		72	56 - 133
Perfluorotridecanoic acid	2.50	1.75		ng/g		70	53 - 143
Perfluorotetradecanoic acid	2.50	1.81		ng/g		72	62 - 134
Perfluorobutanesulfonic acid	2.21	1.57		ng/g		71	54 - 130
Perfluorohexanesulfonic acid	2.28	1.55		ng/g		68	59 - 129
Perfluorooctanesulfonic acid	2.31	1.55		ng/g		67	61 - 126
NEtFOSAA	2.50	1.87		ng/g		75	57 - 127
NMeFOSAA	2.50	1.79		ng/g		72	60 - 134
Perfluoroheptanesulfonic acid	2.38	1.71		ng/g		72	59 - 132
Perfluorodecanesulfonic acid	2.41	1.60		ng/g		66	57 - 132
Perfluorooctanesulfonamide	2.50	1.89		ng/g		76	47 - 149
Perfluorobutanoic acid	2.50	1.75		ng/g		70	60 - 128
Perfluoroundecanoic acid	2.50	1.62		ng/g		65	60 - 134
Perfluorododecanoic acid	2.50	1.71		ng/g		68	60 - 135
6:2 Fluorotelomer sulfonic acid	2.37	1.62		ng/g		68	59 - 135
8:2 Fluorotelomer sulfonic acid	2.40	1.57		ng/g		66	55 - 133
Perfluoropentanoic acid	2.50	1.77		ng/g		71	58 - 134

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-8:2 FTS	110		15 - 200
M2-6:2 FTS	109		10 - 200
13C5 PFHxA	88		10 - 174
13C4 PFHpA	86		10 - 178
13C8 PFOA	96		26 - 159
13C9 PFNA	107		26 - 165
13C6 PFDA	93		26 - 161
13C7 PFUnA	108		12 - 173
13C2-PFDoDA	100		11 - 166

Method: 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 410-295073/2-B
Matrix: Solid
Analysis Batch: 296016

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 295073

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C2 PFTeDA	96		10 - 169
13C3 PFBS	119		27 - 179
13C3 PFHxS	103		24 - 171
13C8 PFOS	113		41 - 154
d3-NMeFOSAA	75		10 - 178
d5-NEtFOSAA	79		10 - 193
13C8 FOSA	73		14 - 163
13C4 PFBA	91		28 - 153
13C5 PFPeA	97		24 - 161

Lab Sample ID: 480-201357-2 MS
Matrix: Solid
Analysis Batch: 296016

Client Sample ID: SB-25 (4-6`)
Prep Type: Total/NA
Prep Batch: 295073

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorohexanoic acid	ND		3.28	2.32		ng/g	☼	71	59 - 132
Perfluoroheptanoic acid	ND		3.28	2.46		ng/g	☼	75	59 - 137
Perfluorooctanoic acid	ND		3.28	2.32		ng/g	☼	71	59 - 131
Perfluorononanoic acid	ND		3.28	2.36		ng/g	☼	72	61 - 134
Perfluorodecanoic acid	ND		3.28	2.52		ng/g	☼	77	56 - 133
Perfluorotridecanoic acid	ND		3.28	2.34		ng/g	☼	71	53 - 143
Perfluorotetradecanoic acid	ND		3.28	2.31		ng/g	☼	70	62 - 134
Perfluorobutanesulfonic acid	ND		2.90	2.16		ng/g	☼	74	54 - 130
Perfluorohexanesulfonic acid	ND		2.99	2.11		ng/g	☼	70	59 - 129
Perfluorooctanesulfonic acid	ND		3.04	2.11		ng/g	☼	69	61 - 126
NEtFOSAA	ND		3.28	2.33		ng/g	☼	71	57 - 127
NMeFOSAA	ND		3.28	2.13		ng/g	☼	65	60 - 134
Perfluoroheptanesulfonic acid	ND		3.12	2.21		ng/g	☼	71	59 - 132
Perfluorodecanesulfonic acid	ND		3.16	2.28		ng/g	☼	72	57 - 132
Perfluorooctanesulfonamide	ND		3.28	2.43		ng/g	☼	74	47 - 149
Perfluorobutanoic acid	ND		3.28	2.42		ng/g	☼	74	60 - 128
Perfluoroundecanoic acid	ND		3.28	2.39		ng/g	☼	73	60 - 134
Perfluorododecanoic acid	ND		3.28	2.42		ng/g	☼	74	60 - 135
6:2 Fluorotelomer sulfonic acid	ND		3.11	2.01		ng/g	☼	64	59 - 135
8:2 Fluorotelomer sulfonic acid	ND		3.14	1.97		ng/g	☼	63	55 - 133
Perfluoropentanoic acid	ND		3.28	2.40		ng/g	☼	73	58 - 134

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
M2-8:2 FTS	237	*5+	15 - 200
M2-6:2 FTS	224	*5+	10 - 200
13C5 PFHxA	104		10 - 174
13C4 PFHpA	107		10 - 178
13C8 PFOA	116		26 - 159
13C9 PFNA	129		26 - 165
13C6 PFDA	117		26 - 161
13C7 PFUnA	136		12 - 173
13C2-PFDoDA	116		11 - 166
13C2 PFTeDA	106		10 - 169
13C3 PFBS	137		27 - 179

Method: 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 480-201357-2 MS
Matrix: Solid
Analysis Batch: 296016

Client Sample ID: SB-25 (4-6`)
Prep Type: Total/NA
Prep Batch: 295073

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C3 PFHxS	113		24 - 171
13C8 PFOS	126		41 - 154
d3-NMeFOSAA	118		10 - 178
d5-NEtFOSAA	128		10 - 193
13C8 FOSA	62		14 - 163
13C4 PFBA	120		28 - 153
13C5 PFPeA	128		24 - 161

Lab Sample ID: 480-201357-2 MSD
Matrix: Solid
Analysis Batch: 296016

Client Sample ID: SB-25 (4-6`)
Prep Type: Total/NA
Prep Batch: 295073

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorohexanoic acid	ND		3.30	2.32		ng/g	☼	70	59 - 132	0	30
Perfluoroheptanoic acid	ND		3.30	2.38		ng/g	☼	72	59 - 137	3	30
Perfluorooctanoic acid	ND		3.30	2.32		ng/g	☼	70	59 - 131	0	30
Perfluorononanoic acid	ND		3.30	2.32		ng/g	☼	70	61 - 134	2	30
Perfluorodecanoic acid	ND		3.30	2.44		ng/g	☼	74	56 - 133	3	30
Perfluorotridecanoic acid	ND		3.30	2.36		ng/g	☼	71	53 - 143	1	30
Perfluorotetradecanoic acid	ND		3.30	2.20		ng/g	☼	67	62 - 134	4	30
Perfluorobutanesulfonic acid	ND		2.92	2.36		ng/g	☼	81	54 - 130	9	30
Perfluorohexanesulfonic acid	ND		3.01	1.95		ng/g	☼	65	59 - 129	7	30
Perfluorooctanesulfonic acid	ND		3.06	2.08		ng/g	☼	68	61 - 126	1	30
NEtFOSAA	ND		3.30	2.52		ng/g	☼	76	57 - 127	8	30
NMeFOSAA	ND		3.30	2.33		ng/g	☼	70	60 - 134	9	30
Perfluoroheptanesulfonic acid	ND		3.15	2.23		ng/g	☼	71	59 - 132	1	30
Perfluorodecanesulfonic acid	ND		3.19	2.08		ng/g	☼	65	57 - 132	9	30
Perfluorooctanesulfonamide	ND		3.30	2.33		ng/g	☼	70	47 - 149	4	30
Perfluorobutanoic acid	ND		3.30	2.40		ng/g	☼	73	60 - 128	1	30
Perfluoroundecanoic acid	ND		3.30	2.27		ng/g	☼	69	60 - 134	5	30
Perfluorododecanoic acid	ND		3.30	2.43		ng/g	☼	74	60 - 135	1	30
6:2 Fluorotelomer sulfonic acid	ND		3.13	1.91		ng/g	☼	61	59 - 135	5	30
8:2 Fluorotelomer sulfonic acid	ND		3.17	2.25		ng/g	☼	71	55 - 133	13	30
Perfluoropentanoic acid	ND		3.30	2.29		ng/g	☼	69	58 - 134	5	30

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
M2-8:2 FTS	201	*5+	15 - 200
M2-6:2 FTS	215	*5+	10 - 200
13C5 PFHxA	88		10 - 174
13C4 PFHpA	92		10 - 178
13C8 PFOA	99		26 - 159
13C9 PFNA	108		26 - 165
13C6 PFDA	100		26 - 161
13C7 PFUnA	102		12 - 173
13C2-PFDoDA	95		11 - 166
13C2 PFTeDA	88		10 - 169
13C3 PFBS	116		27 - 179
13C3 PFHxS	98		24 - 171
13C8 PFOS	105		41 - 154

Method: 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 480-201357-2 MSD
Matrix: Solid
Analysis Batch: 296016

Client Sample ID: SB-25 (4-6`)
Prep Type: Total/NA
Prep Batch: 295073

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
d3-NMeFOSAA	*85*		*10 - 178*
d5-NEtFOSAA	*89*		*10 - 193*
13C8 FOSA	*47*		*14 - 163*
13C4 PFBA	*100*		*28 - 153*
13C5 PFPeA	*108*		*24 - 161*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-640693/1-A
Matrix: Solid
Analysis Batch: 640986

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 640693

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		9.8	4.3	mg/Kg		09/08/22 13:56	09/09/22 21:06	1
Antimony	ND		14.8	0.39	mg/Kg		09/08/22 13:56	09/09/22 21:06	1
Arsenic	ND		2.0	0.39	mg/Kg		09/08/22 13:56	09/09/22 21:06	1
Barium	ND		0.49	0.11	mg/Kg		09/08/22 13:56	09/09/22 21:06	1
Beryllium	ND		0.20	0.028	mg/Kg		09/08/22 13:56	09/09/22 21:06	1
Cadmium	ND		0.20	0.030	mg/Kg		09/08/22 13:56	09/09/22 21:06	1
Calcium	8.67	J	49.2	3.2	mg/Kg		09/08/22 13:56	09/09/22 21:06	1
Chromium	ND		0.49	0.20	mg/Kg		09/08/22 13:56	09/09/22 21:06	1
Cobalt	ND		0.49	0.049	mg/Kg		09/08/22 13:56	09/09/22 21:06	1
Copper	ND		0.98	0.21	mg/Kg		09/08/22 13:56	09/09/22 21:06	1
Iron	ND		9.8	3.4	mg/Kg		09/08/22 13:56	09/09/22 21:06	1
Lead	0.353	J	0.98	0.24	mg/Kg		09/08/22 13:56	09/09/22 21:06	1
Magnesium	2.26	J	19.7	0.91	mg/Kg		09/08/22 13:56	09/09/22 21:06	1
Manganese	ND		0.20	0.032	mg/Kg		09/08/22 13:56	09/09/22 21:06	1
Nickel	ND		4.9	0.23	mg/Kg		09/08/22 13:56	09/09/22 21:06	1
Potassium	ND		29.5	19.7	mg/Kg		09/08/22 13:56	09/09/22 21:06	1
Selenium	ND		3.9	0.39	mg/Kg		09/08/22 13:56	09/09/22 21:06	1
Silver	ND		0.59	0.20	mg/Kg		09/08/22 13:56	09/09/22 21:06	1
Sodium	ND		138	12.8	mg/Kg		09/08/22 13:56	09/09/22 21:06	1
Thallium	ND		5.9	0.30	mg/Kg		09/08/22 13:56	09/09/22 21:06	1
Vanadium	ND		0.49	0.11	mg/Kg		09/08/22 13:56	09/09/22 21:06	1
Zinc	ND		2.0	0.63	mg/Kg		09/08/22 13:56	09/09/22 21:06	1

Lab Sample ID: LCSSRM 480-640693/2-A
Matrix: Solid
Analysis Batch: 640986

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 640693

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	8630	9853		mg/Kg		114.2	50.6 - 149.5
Antimony	129	83.26		mg/Kg		64.5	19.8 - 250.4
Arsenic	84.5	72.41		mg/Kg		85.7	70.1 - 130.2
Barium	249	219.2		mg/Kg		88.0	75.1 - 124.9
Beryllium	163	144.9		mg/Kg		88.9	74.8 - 125.2

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-640693/2-A
Matrix: Solid
Analysis Batch: 640986

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 640693

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	99.0	82.81		mg/Kg		83.6	74.9 - 125.3
Calcium	4760	4341		mg/Kg		91.2	72.7 - 127.5
Chromium	122	107.1		mg/Kg		87.8	70.2 - 130.3
Cobalt	61.7	62.39		mg/Kg		101.1	75.0 - 125.1
Copper	61.5	50.11		mg/Kg		81.5	75.0 - 124.9
Iron	14500	12890		mg/Kg		88.9	35.8 - 164.1
Lead	123	121.2		mg/Kg		98.5	71.8 - 128.5
Magnesium	2360	2205		mg/Kg		93.5	62.7 - 137.7
Manganese	456	394.3		mg/Kg		86.5	76.8 - 123.5
Nickel	135	135.1		mg/Kg		100.1	70.1 - 130.4
Potassium	2090	2277		mg/Kg		108.9	59.3 - 140.7
Selenium	121	100.1		mg/Kg		82.7	66.4 - 133.9
Silver	33.6	39.85		mg/Kg		118.6	68.5 - 131.3
Sodium	136	157.0		mg/Kg		115.5	35.4 - 164.0
Thallium	144	146.5		mg/Kg		101.7	70.1 - 129.9
Vanadium	186	161.5		mg/Kg		86.8	74.2 - 126.3
Zinc	295	246.5		mg/Kg		83.5	70.2 - 130.2

Lab Sample ID: 480-201357-4 MS
Matrix: Solid
Analysis Batch: 640986

Client Sample ID: SB-27 (2.5-5.5`)
Prep Type: Total/NA
Prep Batch: 640693

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	9100	F1	2380	18110	F1	mg/Kg	☼	378	75 - 125
Antimony	0.92	J F1	47.6	30.99	F1	mg/Kg	☼	63	75 - 125
Arsenic	6.2		47.7	56.01		mg/Kg	☼	104	75 - 125
Barium	77.1	F1 F2	47.6	248.1	F1	mg/Kg	☼	360	75 - 125
Beryllium	0.98		47.6	42.13		mg/Kg	☼	87	75 - 125
Cadmium	0.22	J	47.6	40.84		mg/Kg	☼	85	75 - 125
Calcium	40500	B F2	2380	32440	4	mg/Kg	☼	-339	75 - 125
Chromium	11.0		47.6	61.82		mg/Kg	☼	107	75 - 125
Cobalt	6.0		47.6	59.05		mg/Kg	☼	111	75 - 125
Copper	19.3	F1	47.6	94.35	F1	mg/Kg	☼	158	75 - 125
Iron	12900	F2	2380	28110	4	mg/Kg	☼	640	75 - 125
Lead	150	B F1 F2	47.7	462.6	F1	mg/Kg	☼	656	75 - 125
Magnesium	4620	B F1	2380	7380		mg/Kg	☼	116	75 - 125

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-201357-4 MS
Matrix: Solid
Analysis Batch: 640986

Client Sample ID: SB-27 (2.5-5.5`)
Prep Type: Total/NA
Prep Batch: 640693

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	229	F2	47.6	385.2	4	mg/Kg	☼	329	75 - 125
Nickel	17.0		47.6	72.18		mg/Kg	☼	116	75 - 125
Potassium	1110	F1	2380	5798	F1	mg/Kg	☼	197	75 - 125
Selenium	1.0	J	47.6	41.00		mg/Kg	☼	84	75 - 125
Silver	ND		11.9	11.20		mg/Kg	☼	94	75 - 125
Sodium	266		2380	2450		mg/Kg	☼	92	75 - 125
Thallium	ND		47.6	46.77		mg/Kg	☼	98	75 - 125
Vanadium	13.4		47.7	73.06		mg/Kg	☼	125	75 - 125
Zinc	74.6	F1 F2	47.6	281.3	F1	mg/Kg	☼	435	75 - 125

Lab Sample ID: 480-201357-4 MSD
Matrix: Solid
Analysis Batch: 640986

Client Sample ID: SB-27 (2.5-5.5`)
Prep Type: Total/NA
Prep Batch: 640693

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	9100	F1	2380	15530	F1	mg/Kg	☼	270	75 - 125	15	20
Antimony	0.92	J F1	47.5	31.97	F1	mg/Kg	☼	65	75 - 125	3	20
Arsenic	6.2		47.7	50.77		mg/Kg	☼	93	75 - 125	10	20
Barium	77.1	F1 F2	47.5	195.5	F1 F2	mg/Kg	☼	249	75 - 125	24	20
Beryllium	0.98		47.5	41.36		mg/Kg	☼	85	75 - 125	2	20
Cadmium	0.22	J	47.5	40.52		mg/Kg	☼	85	75 - 125	1	20
Calcium	40500	B F2	2380	48390	4 F2	mg/Kg	☼	331	75 - 125	39	20
Chromium	11.0		47.5	55.32		mg/Kg	☼	93	75 - 125	11	20
Cobalt	6.0		47.5	56.69		mg/Kg	☼	107	75 - 125	4	20
Copper	19.3	F1	47.5	80.29	F1	mg/Kg	☼	128	75 - 125	16	20
Iron	12900	F2	2380	21790	4 F2	mg/Kg	☼	375	75 - 125	25	20
Lead	150	B F1 F2	47.7	345.7	F1 F2	mg/Kg	☼	411	75 - 125	29	20
Magnesium	4620	B F1	2380	6174	F1	mg/Kg	☼	65	75 - 125	18	20
Manganese	229	F2	47.5	310.2	4 F2	mg/Kg	☼	171	75 - 125	22	20
Nickel	17.0		47.5	67.97		mg/Kg	☼	107	75 - 125	6	20
Potassium	1110	F1	2380	5037	F1	mg/Kg	☼	165	75 - 125	14	20
Selenium	1.0	J	47.5	40.76		mg/Kg	☼	84	75 - 125	1	20
Silver	ND		11.9	11.22		mg/Kg	☼	94	75 - 125	0	20
Sodium	266		2380	2397		mg/Kg	☼	90	75 - 125	2	20
Thallium	ND		47.5	46.09		mg/Kg	☼	97	75 - 125	1	20
Vanadium	13.4		47.7	64.90		mg/Kg	☼	108	75 - 125	12	20
Zinc	74.6	F1 F2	47.5	194.4	F1 F2	mg/Kg	☼	252	75 - 125	37	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-640685/1-A
Matrix: Solid
Analysis Batch: 640883

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 640685

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0046	mg/Kg		09/09/22 11:27	09/09/22 13:43	1

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: LCSSRM 480-640685/2-A ^10
Matrix: Solid
Analysis Batch: 640883

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 640685

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			18.9	18.56		mg/Kg		98.2	59.8 - 139.7		

QC Association Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201357-1

GC/MS VOA

Prep Batch: 640752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201357-1	SB-22 (7-10`)	Total/NA	Solid	5035A_L	
480-201357-3	SB-26 (8-10`)	Total/NA	Solid	5035A_L	
480-201357-6	SB-29 (9-12`)	Total/NA	Solid	5035A_L	
MB 480-640752/18-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-640752/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 640755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201357-1	SB-22 (7-10`)	Total/NA	Solid	8260C	640752
480-201357-3	SB-26 (8-10`)	Total/NA	Solid	8260C	640752
480-201357-6	SB-29 (9-12`)	Total/NA	Solid	8260C	640752
MB 480-640752/18-A	Method Blank	Total/NA	Solid	8260C	640752
LCS 480-640752/1-A	Lab Control Sample	Total/NA	Solid	8260C	640752

Prep Batch: 640947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201357-4	SB-27 (2.5-5.5`)	Total/NA	Solid	5035A_L	
480-201357-7	DUP-1	Total/NA	Solid	5035A_L	
MB 480-640947/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-640947/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 640948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201357-4	SB-27 (2.5-5.5`)	Total/NA	Solid	8260C	640947
480-201357-7	DUP-1	Total/NA	Solid	8260C	640947
MB 480-640947/2-A	Method Blank	Total/NA	Solid	8260C	640947
LCS 480-640947/1-A	Lab Control Sample	Total/NA	Solid	8260C	640947

Prep Batch: 641032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201357-2	SB-25 (4-6`)	Total/NA	Solid	5035A_H	
MB 480-641032/3-A	Method Blank	Total/NA	Solid	5035A_H	
LCS 480-641032/1-A	Lab Control Sample	Total/NA	Solid	5035A_H	

Analysis Batch: 641153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201357-2	SB-25 (4-6`)	Total/NA	Solid	8260C	641032
MB 480-641032/3-A	Method Blank	Total/NA	Solid	8260C	641032
LCS 480-641032/1-A	Lab Control Sample	Total/NA	Solid	8260C	641032

GC/MS Semi VOA

Prep Batch: 640744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201357-1	SB-22 (7-10`)	Total/NA	Solid	3550C	
480-201357-2	SB-25 (4-6`)	Total/NA	Solid	3550C	
480-201357-3	SB-26 (8-10`)	Total/NA	Solid	3550C	
480-201357-4	SB-27 (2.5-5.5`)	Total/NA	Solid	3550C	
480-201357-5	SB-28 (8-9`)	Total/NA	Solid	3550C	
480-201357-6	SB-29 (9-12`)	Total/NA	Solid	3550C	
480-201357-7	DUP-1	Total/NA	Solid	3550C	

GC/MS Semi VOA (Continued)

Prep Batch: 640744 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-640744/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-640744/2-A	Lab Control Sample	Total/NA	Solid	3550C	
480-201357-1 MS	SB-22 (7-10`)	Total/NA	Solid	3550C	
480-201357-1 MSD	SB-22 (7-10`)	Total/NA	Solid	3550C	

Analysis Batch: 640868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201357-1	SB-22 (7-10`)	Total/NA	Solid	8270D	640744
480-201357-2	SB-25 (4-6`)	Total/NA	Solid	8270D	640744
480-201357-3	SB-26 (8-10`)	Total/NA	Solid	8270D	640744
480-201357-4	SB-27 (2.5-5.5`)	Total/NA	Solid	8270D	640744
480-201357-5	SB-28 (8-9`)	Total/NA	Solid	8270D	640744
480-201357-6	SB-29 (9-12`)	Total/NA	Solid	8270D	640744
480-201357-7	DUP-1	Total/NA	Solid	8270D	640744
MB 480-640744/1-A	Method Blank	Total/NA	Solid	8270D	640744
LCS 480-640744/2-A	Lab Control Sample	Total/NA	Solid	8270D	640744
480-201357-1 MS	SB-22 (7-10`)	Total/NA	Solid	8270D	640744
480-201357-1 MSD	SB-22 (7-10`)	Total/NA	Solid	8270D	640744

GC Semi VOA

Prep Batch: 640751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201357-1	SB-22 (7-10`)	Total/NA	Solid	3550C	
480-201357-2	SB-25 (4-6`)	Total/NA	Solid	3550C	
480-201357-3	SB-26 (8-10`)	Total/NA	Solid	3550C	
480-201357-6	SB-29 (9-12`)	Total/NA	Solid	3550C	
MB 480-640751/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-640751/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 641066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201357-1	SB-22 (7-10`)	Total/NA	Solid	8082A	640751
480-201357-2	SB-25 (4-6`)	Total/NA	Solid	8082A	640751
480-201357-3	SB-26 (8-10`)	Total/NA	Solid	8082A	640751
480-201357-6	SB-29 (9-12`)	Total/NA	Solid	8082A	640751
MB 480-640751/1-A	Method Blank	Total/NA	Solid	8082A	640751
LCS 480-640751/2-A	Lab Control Sample	Total/NA	Solid	8082A	640751

Prep Batch: 641258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201357-1	SB-22 (7-10`)	Total/NA	Solid	3550C	
480-201357-2	SB-25 (4-6`)	Total/NA	Solid	3550C	
480-201357-3	SB-26 (8-10`)	Total/NA	Solid	3550C	
480-201357-6	SB-29 (9-12`)	Total/NA	Solid	3550C	
MB 480-641258/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-641258/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 641296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201357-1	SB-22 (7-10`)	Total/NA	Solid	8081B	641258

GC Semi VOA (Continued)

Analysis Batch: 641296 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201357-2	SB-25 (4-6`)	Total/NA	Solid	8081B	641258
480-201357-3	SB-26 (8-10`)	Total/NA	Solid	8081B	641258
480-201357-6	SB-29 (9-12`)	Total/NA	Solid	8081B	641258
MB 480-641258/1-A	Method Blank	Total/NA	Solid	8081B	641258
LCS 480-641258/2-A	Lab Control Sample	Total/NA	Solid	8081B	641258

Prep Batch: 641476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201357-1	SB-22 (7-10`)	Total/NA	Solid	8151A	
480-201357-2	SB-25 (4-6`)	Total/NA	Solid	8151A	
480-201357-3	SB-26 (8-10`)	Total/NA	Solid	8151A	
480-201357-6	SB-29 (9-12`)	Total/NA	Solid	8151A	
MB 480-641476/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 480-641476/2-A	Lab Control Sample	Total/NA	Solid	8151A	

Analysis Batch: 642056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201357-1	SB-22 (7-10`)	Total/NA	Solid	8151A	641476
480-201357-2	SB-25 (4-6`)	Total/NA	Solid	8151A	641476
480-201357-3	SB-26 (8-10`)	Total/NA	Solid	8151A	641476
480-201357-6	SB-29 (9-12`)	Total/NA	Solid	8151A	641476
MB 480-641476/1-A	Method Blank	Total/NA	Solid	8151A	641476
LCS 480-641476/2-A	Lab Control Sample	Total/NA	Solid	8151A	641476

LCMS

Prep Batch: 295073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201357-1	SB-22 (7-10`)	Total/NA	Solid	SHAKE	
480-201357-2	SB-25 (4-6`)	Total/NA	Solid	SHAKE	
480-201357-3	SB-26 (8-10`)	Total/NA	Solid	SHAKE	
480-201357-6	SB-29 (9-12`)	Total/NA	Solid	SHAKE	
MB 410-295073/1-B	Method Blank	Total/NA	Solid	SHAKE	
LCS 410-295073/2-B	Lab Control Sample	Total/NA	Solid	SHAKE	
480-201357-2 MS	SB-25 (4-6`)	Total/NA	Solid	SHAKE	
480-201357-2 MSD	SB-25 (4-6`)	Total/NA	Solid	SHAKE	

Cleanup Batch: 295559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201357-1	SB-22 (7-10`)	Total/NA	Solid	Extract Aliquot	295073
480-201357-2	SB-25 (4-6`)	Total/NA	Solid	Extract Aliquot	295073
480-201357-3	SB-26 (8-10`)	Total/NA	Solid	Extract Aliquot	295073
480-201357-6	SB-29 (9-12`)	Total/NA	Solid	Extract Aliquot	295073
MB 410-295073/1-B	Method Blank	Total/NA	Solid	Extract Aliquot	295073
LCS 410-295073/2-B	Lab Control Sample	Total/NA	Solid	Extract Aliquot	295073
480-201357-2 MS	SB-25 (4-6`)	Total/NA	Solid	Extract Aliquot	295073
480-201357-2 MSD	SB-25 (4-6`)	Total/NA	Solid	Extract Aliquot	295073

Analysis Batch: 296016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201357-1	SB-22 (7-10`)	Total/NA	Solid	537 (Modified)	295559

LCMS (Continued)

Analysis Batch: 296016 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201357-3	SB-26 (8-10`)	Total/NA	Solid	537 (Modified)	295559
480-201357-6	SB-29 (9-12`)	Total/NA	Solid	537 (Modified)	295559
MB 410-295073/1-B	Method Blank	Total/NA	Solid	537 (Modified)	295559
LCS 410-295073/2-B	Lab Control Sample	Total/NA	Solid	537 (Modified)	295559
480-201357-2 MS	SB-25 (4-6`)	Total/NA	Solid	537 (Modified)	295559
480-201357-2 MSD	SB-25 (4-6`)	Total/NA	Solid	537 (Modified)	295559

Analysis Batch: 297312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201357-2	SB-25 (4-6`)	Total/NA	Solid	537 (Modified)	295559

Metals

Prep Batch: 640685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201357-1	SB-22 (7-10`)	Total/NA	Solid	7471B	
480-201357-2	SB-25 (4-6`)	Total/NA	Solid	7471B	
480-201357-3	SB-26 (8-10`)	Total/NA	Solid	7471B	
480-201357-4	SB-27 (2.5-5.5`)	Total/NA	Solid	7471B	
480-201357-5	SB-28 (8-9`)	Total/NA	Solid	7471B	
480-201357-6	SB-29 (9-12`)	Total/NA	Solid	7471B	
480-201357-7	DUP-1	Total/NA	Solid	7471B	
MB 480-640685/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-640685/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	

Prep Batch: 640693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201357-1	SB-22 (7-10`)	Total/NA	Solid	3050B	
480-201357-2	SB-25 (4-6`)	Total/NA	Solid	3050B	
480-201357-3	SB-26 (8-10`)	Total/NA	Solid	3050B	
480-201357-4	SB-27 (2.5-5.5`)	Total/NA	Solid	3050B	
480-201357-5	SB-28 (8-9`)	Total/NA	Solid	3050B	
480-201357-6	SB-29 (9-12`)	Total/NA	Solid	3050B	
480-201357-7	DUP-1	Total/NA	Solid	3050B	
MB 480-640693/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-640693/2-A	Lab Control Sample	Total/NA	Solid	3050B	
480-201357-4 MS	SB-27 (2.5-5.5`)	Total/NA	Solid	3050B	
480-201357-4 MSD	SB-27 (2.5-5.5`)	Total/NA	Solid	3050B	

Analysis Batch: 640883

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201357-1	SB-22 (7-10`)	Total/NA	Solid	7471B	640685
480-201357-2	SB-25 (4-6`)	Total/NA	Solid	7471B	640685
480-201357-3	SB-26 (8-10`)	Total/NA	Solid	7471B	640685
480-201357-4	SB-27 (2.5-5.5`)	Total/NA	Solid	7471B	640685
480-201357-5	SB-28 (8-9`)	Total/NA	Solid	7471B	640685
480-201357-6	SB-29 (9-12`)	Total/NA	Solid	7471B	640685
480-201357-7	DUP-1	Total/NA	Solid	7471B	640685
MB 480-640685/1-A	Method Blank	Total/NA	Solid	7471B	640685
LCSSRM 480-640685/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	640685

QC Association Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201357-1

Metals

Analysis Batch: 640986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201357-1	SB-22 (7-10`)	Total/NA	Solid	6010C	640693
480-201357-2	SB-25 (4-6`)	Total/NA	Solid	6010C	640693
480-201357-3	SB-26 (8-10`)	Total/NA	Solid	6010C	640693
480-201357-4	SB-27 (2.5-5.5`)	Total/NA	Solid	6010C	640693
480-201357-5	SB-28 (8-9`)	Total/NA	Solid	6010C	640693
480-201357-6	SB-29 (9-12`)	Total/NA	Solid	6010C	640693
480-201357-7	DUP-1	Total/NA	Solid	6010C	640693
MB 480-640693/1-A	Method Blank	Total/NA	Solid	6010C	640693
LCSSRM 480-640693/2-A	Lab Control Sample	Total/NA	Solid	6010C	640693
480-201357-4 MS	SB-27 (2.5-5.5`)	Total/NA	Solid	6010C	640693
480-201357-4 MSD	SB-27 (2.5-5.5`)	Total/NA	Solid	6010C	640693

Analysis Batch: 641176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201357-1	SB-22 (7-10`)	Total/NA	Solid	6010C	640693

General Chemistry

Analysis Batch: 640768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201357-1	SB-22 (7-10`)	Total/NA	Solid	Moisture	
480-201357-2	SB-25 (4-6`)	Total/NA	Solid	Moisture	
480-201357-3	SB-26 (8-10`)	Total/NA	Solid	Moisture	
480-201357-4	SB-27 (2.5-5.5`)	Total/NA	Solid	Moisture	
480-201357-5	SB-28 (8-9`)	Total/NA	Solid	Moisture	
480-201357-6	SB-29 (9-12`)	Total/NA	Solid	Moisture	
480-201357-7	DUP-1	Total/NA	Solid	Moisture	

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201357-1

Client Sample ID: SB-22 (7-10`)
Date Collected: 09/06/22 11:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	640768	DSC	EET BUF	09/08/22 18:47

Client Sample ID: SB-22 (7-10`)
Date Collected: 09/06/22 11:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-1
Matrix: Solid
Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			640752	CDC	EET BUF	09/08/22 10:00
Total/NA	Analysis	8260C		1	640755	CDC	EET BUF	09/08/22 23:40
Total/NA	Prep	3550C			640744	SJM	EET BUF	09/08/22 16:05
Total/NA	Analysis	8270D		1	640868	PJQ	EET BUF	09/09/22 18:03
Total/NA	Prep	3550C			641258	SJM	EET BUF	09/13/22 16:09
Total/NA	Analysis	8081B		1	641296	JLS	EET BUF	09/14/22 11:56
Total/NA	Prep	3550C			640751	SJM	EET BUF	09/08/22 16:16
Total/NA	Analysis	8082A		1	641066	W1T	EET BUF	09/12/22 17:19
Total/NA	Prep	8151A			641476	SMP	EET BUF	09/15/22 06:58
Total/NA	Analysis	8151A		1	642056	MAN	EET BUF	09/20/22 15:49
Total/NA	Prep	SHAKE			295073	X5YV	ELLE	09/12/22 17:10
Total/NA	Cleanup	Extract Aliquot			295559	X5YV	ELLE	09/13/22 22:35
Total/NA	Analysis	537 (Modified)		1	296016	ZG8V	ELLE	09/15/22 06:13
Total/NA	Prep	3050B			640693	NVK	EET BUF	09/08/22 13:56
Total/NA	Analysis	6010C		2	641176	LMH	EET BUF	09/12/22 18:06
Total/NA	Prep	3050B			640693	NVK	EET BUF	09/08/22 13:56
Total/NA	Analysis	6010C		1	640986	LMH	EET BUF	09/09/22 21:29
Total/NA	Prep	7471B			640685	NVK	EET BUF	09/09/22 11:27
Total/NA	Analysis	7471B		1	640883	NVK	EET BUF	09/09/22 13:55

Client Sample ID: SB-25 (4-6`)
Date Collected: 09/06/22 15:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	640768	DSC	EET BUF	09/08/22 18:47

Client Sample ID: SB-25 (4-6`)
Date Collected: 09/06/22 15:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-2
Matrix: Solid
Percent Solids: 75.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_H			641032	AXK	EET BUF	09/12/22 12:48
Total/NA	Analysis	8260C		2	641153	ATG	EET BUF	09/13/22 15:41
Total/NA	Prep	3550C			640744	SJM	EET BUF	09/08/22 16:05
Total/NA	Analysis	8270D		1	640868	PJQ	EET BUF	09/09/22 18:27
Total/NA	Prep	3550C			641258	SJM	EET BUF	09/13/22 16:09
Total/NA	Analysis	8081B		10	641296	JLS	EET BUF	09/14/22 12:16

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201357-1

Client Sample ID: SB-25 (4-6`)

Lab Sample ID: 480-201357-2

Date Collected: 09/06/22 15:00
Matrix: Solid
Date Received: 09/07/22 16:05
Percent Solids: 75.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			640751	SJM	EET BUF	09/08/22 16:16
Total/NA	Analysis	8082A		1	641066	W1T	EET BUF	09/12/22 17:32
Total/NA	Prep	8151A			641476	SMP	EET BUF	09/15/22 06:58
Total/NA	Analysis	8151A		1	642056	MAN	EET BUF	09/20/22 16:07
Total/NA	Prep	SHAKE			295073	X5YV	ELLE	09/12/22 17:10
Total/NA	Cleanup	Extract Aliquot			295559	X5YV	ELLE	09/13/22 22:35
Total/NA	Analysis	537 (Modified)		1	297312	DQV6	ELLE	09/19/22 11:17
Total/NA	Prep	3050B			640693	NVK	EET BUF	09/08/22 13:56
Total/NA	Analysis	6010C		1	640986	LMH	EET BUF	09/09/22 21:32
Total/NA	Prep	7471B			640685	NVK	EET BUF	09/09/22 11:27
Total/NA	Analysis	7471B		1	640883	NVK	EET BUF	09/09/22 13:58

Client Sample ID: SB-26 (8-10`)

Lab Sample ID: 480-201357-3

Date Collected: 09/07/22 10:00
Matrix: Solid
Date Received: 09/07/22 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	640768	DSC	EET BUF	09/08/22 18:47

Client Sample ID: SB-26 (8-10`)

Lab Sample ID: 480-201357-3

Date Collected: 09/07/22 10:00
Matrix: Solid
Date Received: 09/07/22 16:05
Percent Solids: 59.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			640752	CDC	EET BUF	09/08/22 10:00
Total/NA	Analysis	8260C		1	640755	CDC	EET BUF	09/09/22 00:04
Total/NA	Prep	3550C			640744	SJM	EET BUF	09/08/22 16:05
Total/NA	Analysis	8270D		1	640868	PJQ	EET BUF	09/09/22 18:51
Total/NA	Prep	3550C			641258	SJM	EET BUF	09/13/22 16:09
Total/NA	Analysis	8081B		1	641296	JLS	EET BUF	09/14/22 12:35
Total/NA	Prep	3550C			640751	SJM	EET BUF	09/08/22 16:16
Total/NA	Analysis	8082A		1	641066	W1T	EET BUF	09/12/22 17:46
Total/NA	Prep	8151A			641476	SMP	EET BUF	09/15/22 06:58
Total/NA	Analysis	8151A		1	642056	MAN	EET BUF	09/20/22 16:25
Total/NA	Prep	SHAKE			295073	X5YV	ELLE	09/12/22 17:10
Total/NA	Cleanup	Extract Aliquot			295559	X5YV	ELLE	09/13/22 22:35
Total/NA	Analysis	537 (Modified)		1	296016	ZG8V	ELLE	09/15/22 06:58
Total/NA	Prep	3050B			640693	NVK	EET BUF	09/08/22 13:56
Total/NA	Analysis	6010C		1	640986	LMH	EET BUF	09/09/22 21:48
Total/NA	Prep	7471B			640685	NVK	EET BUF	09/09/22 11:27
Total/NA	Analysis	7471B		1	640883	NVK	EET BUF	09/09/22 14:00

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201357-1

Client Sample ID: SB-27 (2.5-5.5`)
Date Collected: 09/07/22 11:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	640768	DSC	EET BUF	09/08/22 18:47

Client Sample ID: SB-27 (2.5-5.5`)
Date Collected: 09/07/22 11:00
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-4
Matrix: Solid
Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			640947	CDC	EET BUF	09/08/22 10:00
Total/NA	Analysis	8260C		1	640948	CDC	EET BUF	09/11/22 22:41
Total/NA	Prep	3550C			640744	SJM	EET BUF	09/08/22 16:05
Total/NA	Analysis	8270D		1	640868	PJQ	EET BUF	09/09/22 19:39
Total/NA	Prep	3050B			640693	NVK	EET BUF	09/08/22 13:56
Total/NA	Analysis	6010C		1	640986	LMH	EET BUF	09/09/22 21:52
Total/NA	Prep	7471B			640685	NVK	EET BUF	09/09/22 11:27
Total/NA	Analysis	7471B		1	640883	NVK	EET BUF	09/09/22 14:01

Client Sample ID: SB-28 (8-9`)
Date Collected: 09/07/22 13:30
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	640768	DSC	EET BUF	09/08/22 18:47

Client Sample ID: SB-28 (8-9`)
Date Collected: 09/07/22 13:30
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-5
Matrix: Solid
Percent Solids: 71.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			640744	SJM	EET BUF	09/08/22 16:05
Total/NA	Analysis	8270D		1	640868	PJQ	EET BUF	09/09/22 20:03
Total/NA	Prep	3050B			640693	NVK	EET BUF	09/08/22 13:56
Total/NA	Analysis	6010C		1	640986	LMH	EET BUF	09/09/22 22:11
Total/NA	Prep	7471B			640685	NVK	EET BUF	09/09/22 11:27
Total/NA	Analysis	7471B		1	640883	NVK	EET BUF	09/09/22 14:02

Client Sample ID: SB-29 (9-12`)
Date Collected: 09/07/22 14:45
Date Received: 09/07/22 16:05

Lab Sample ID: 480-201357-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	640768	DSC	EET BUF	09/08/22 18:47

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201357-1

Client Sample ID: SB-29 (9-12`)

Lab Sample ID: 480-201357-6
Date Collected: 09/07/22 14:45
Matrix: Solid
Date Received: 09/07/22 16:05
Percent Solids: 79.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			640752	CDC	EET BUF	09/08/22 10:00
Total/NA	Analysis	8260C		1	640755	CDC	EET BUF	09/09/22 00:52
Total/NA	Prep	3550C			640744	SJM	EET BUF	09/08/22 16:05
Total/NA	Analysis	8270D		20	640868	PJQ	EET BUF	09/09/22 19:15
Total/NA	Prep	3550C			641258	SJM	EET BUF	09/13/22 16:09
Total/NA	Analysis	8081B		50	641296	JLS	EET BUF	09/14/22 12:55
Total/NA	Prep	3550C			640751	SJM	EET BUF	09/08/22 16:16
Total/NA	Analysis	8082A		1	641066	W1T	EET BUF	09/12/22 17:59
Total/NA	Prep	8151A			641476	SMP	EET BUF	09/15/22 06:58
Total/NA	Analysis	8151A		1	642056	MAN	EET BUF	09/20/22 16:44
Total/NA	Prep	SHAKE			295073	X5YV	ELLE	09/12/22 17:10
Total/NA	Cleanup	Extract Aliquot			295559	X5YV	ELLE	09/13/22 22:35
Total/NA	Analysis	537 (Modified)		1	296016	ZG8V	ELLE	09/15/22 07:09
Total/NA	Prep	3050B			640693	NVK	EET BUF	09/08/22 13:56
Total/NA	Analysis	6010C		1	640986	LMH	EET BUF	09/09/22 22:14
Total/NA	Prep	7471B			640685	NVK	EET BUF	09/09/22 11:27
Total/NA	Analysis	7471B		1	640883	NVK	EET BUF	09/09/22 14:04

Client Sample ID: DUP-1

Lab Sample ID: 480-201357-7
Date Collected: 09/07/22 00:00
Matrix: Solid
Date Received: 09/07/22 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	640768	DSC	EET BUF	09/08/22 18:47

Client Sample ID: DUP-1

Lab Sample ID: 480-201357-7
Date Collected: 09/07/22 00:00
Matrix: Solid
Date Received: 09/07/22 16:05
Percent Solids: 86.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			640947	CDC	EET BUF	09/08/22 10:00
Total/NA	Analysis	8260C		1	640948	CDC	EET BUF	09/11/22 23:05
Total/NA	Prep	3550C			640744	SJM	EET BUF	09/08/22 16:05
Total/NA	Analysis	8270D		10	640868	PJQ	EET BUF	09/09/22 20:28
Total/NA	Prep	3050B			640693	NVK	EET BUF	09/08/22 13:56
Total/NA	Analysis	6010C		1	640986	LMH	EET BUF	09/09/22 22:18
Total/NA	Prep	7471B			640685	NVK	EET BUF	09/09/22 11:27
Total/NA	Analysis	7471B		1	640883	NVK	EET BUF	09/09/22 14:05

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201357-1

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8151A	8151A	Solid	Picloram
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-22
A2LA	ISO/IEC 17025	0001.01	11-30-22
Alaska	State	PA00009	07-01-23
Alaska (UST)	State	17-027	02-28-23
Arizona	State	AZ0780	03-12-23
Arkansas DEQ	State	88-00660	08-09-23
California	State	2792	11-30-22
Colorado	State	PA00009	06-30-23
Connecticut	State	PH-0746	06-30-23
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-23
Delaware (DW)	State	N/A	01-31-23
Florida	NELAP	E87997	06-30-23
Georgia (DW)	State	C048	01-31-23
Hawaii	State	N/A	01-31-23
Illinois	NELAP	200027	01-31-23
Iowa	State	361	03-02-22 *
Kansas	NELAP	E-10151	10-31-22
Kentucky (DW)	State	KY90088	12-31-22
Kentucky (UST)	State	1.01	11-30-22
Kentucky (WW)	State	KY90088	01-01-23
Louisiana	NELAP	02055	06-30-23
Maine	State	2019012	03-12-23
Maryland	State	100	06-30-23
Massachusetts	State	M-PA009	06-30-23
Michigan	State	9930	01-31-23
Minnesota	NELAP	042-999-487	12-31-22
Mississippi	State	022	01-31-23
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-23
Montana (UST)	State	<cert No.>	02-01-23
Nebraska	State	NE-OS-32-17	01-31-23
New Hampshire	NELAP	2730	01-10-23
New Jersey	NELAP	PA011	06-30-23
New York	NELAP	10670	04-01-23
North Carolina (DW)	State	42705	07-31-23
North Carolina (WW/SW)	State	521	12-31-22
North Dakota	State	R-205	01-31-23
Oklahoma	NELAP	R-205	08-31-23

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201357-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	PA200001	09-11-23
PALA	Canada	1978	09-16-24
Pennsylvania	NELAP	36-00037	01-31-23
Rhode Island	State	LAO00338	12-30-22
South Carolina	State	89002	01-31-23
Tennessee	State	02838	01-31-23
Texas	NELAP	T104704194-22-43	08-31-23
USDA	US Federal Programs	P330-19-00197	08-09-23
Vermont	State	VT - 36037	10-28-22
Virginia	NELAP	460182	06-15-23
Washington	State	C457	04-11-23
West Virginia (DW)	State	9906 C	12-31-22
West Virginia DEP	State	055	10-31-22
Wyoming	State	8TMS-L	01-31-23
Wyoming (UST)	A2LA	1.01	11-30-22

Method Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201357-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
8081B	Organochlorine Pesticides (GC)	SW846	EET BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET BUF
8151A	Herbicides (GC)	SW846	EET BUF
537 (Modified)	Fluorinated Alkyl Substances	EPA	ELLE
6010C	Metals (ICP)	SW846	EET BUF
7471B	Mercury (CVAA)	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
3050B	Preparation, Metals	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF
5035A_H	Closed System Purge and Trap	SW846	EET BUF
5035A_L	Closed System Purge and Trap	SW846	EET BUF
7471B	Preparation, Mercury	SW846	EET BUF
8151A	Extraction (Herbicides)	SW846	EET BUF
Extract Aliquot	Preparation, Extract Aliquot	None	ELLE
SHAKE	Shake Extraction with Ultrasonic Bath Extraction	SW846	ELLE

Protocol References:

EPA = US Environmental Protection Agency

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201357-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-201357-1	SB-22 (7-10`)	Solid	09/06/22 11:00	09/07/22 16:05
480-201357-2	SB-25 (4-6`)	Solid	09/06/22 15:00	09/07/22 16:05
480-201357-3	SB-26 (8-10`)	Solid	09/07/22 10:00	09/07/22 16:05
480-201357-4	SB-27 (2.5-5.5`)	Solid	09/07/22 11:00	09/07/22 16:05
480-201357-5	SB-28 (8-9`)	Solid	09/07/22 13:30	09/07/22 16:05
480-201357-6	SB-29 (9-12`)	Solid	09/07/22 14:45	09/07/22 16:05
480-201357-7	DUP-1	Solid	09/07/22 00:00	09/07/22 16:05

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Andrew Kwas	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-176962-37963.5
Client Contact: Adam Zebrowski	Phone: 716.417.9150	E-Mail: Brian.Fischer@et.eurofinsus.com	State of Origin: NY	Page: Page 5 of 7
Company: LaBella Associates DPC	PWSID:			Job #:
Address: 300 Pearl Street Suite 130	Due Date Requested:			
City: Buffalo	TAT Requested (days): 10 day			
State, Zip: NY, 14202	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: azebrowski@labellapc.com akwas@labellapc.com	WO #:			
Project Name: 145 Ganson Street	Project #: 48025563			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) TCL list OLM04.2	6010C, 7471B, 8270D	PFC_IDA - NY 21 PFAS	8081B, 8082A, 8151A	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N	N	N		
SB-22 (7-10')	9/6/22	1100	C	Solid			X	X	X	X		
SB-25 (4-6')	9/6/22	1500	C	Solid			X	X	X	X		
SB-26 (8-10')	9/7/22	1000	C	Solid			X	X	X	X		
SB-27 (2.5-5.5')	9/7/22	1100	C	Solid			X	X				
SB-28 (8-9')	9/7/22	1330	C	Solid			X	X				
SB-29 (9-12')	9/7/22	1445	C	Solid			X	X	X	X		
				~~Solid~~								
				~~Solid~~								
				~~Solid~~								
				~~Solid~~								
DUP-1	9/7/22	—	C	Solid			X	X				

AP

480-201357 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Andrew Kwas	9/7/22 1605	LaBella	Andrew Kwas	9/7/22 1605	FA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.2 ICE

Ver: 06/08/2021

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-74938.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Brian.Fischer@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-201357-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 9/15/2022			
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: 145 Ganson Street	Project #: 48025563			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify), Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC_IDA_NY/Shake_Bath_14D NY 21 PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
SB-22 (7-10`) (480-201357-1)	9/6/22	11:00 Eastern		Solid			X	1	
SB-25 (4-6`) (480-201357-2)	9/6/22	15:00 Eastern		Solid			X	1	
SB-26 (8-10`) (480-201357-3)	9/7/22	10:00 Eastern		Solid			X	1	
SB-29 (9-12`) (480-201357-6)	9/7/22	14:45 Eastern		Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:				
Relinquished by:	Date/Time: 9-8-22 1800	Company FAB	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 9/9/22 1050	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.7

Ver: 06/08/2021

MB

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-201357-1

Login Number: 201357
List Number: 1
Creator: Yeager, Brian A

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	FREEZE TIME 9-8-22 10:00
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	LABELLA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-201357-1

Login Number: 201357
List Number: 2
Creator: Ballard, Megan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 09/09/22 12:28 PM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-201432-1
Client Project/Site: 145 Ganson Street

For:
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Attn: Adam Zebrowski

Authorized for release by:
9/22/2022 11:17:45 AM
Rebecca Jones, Project Management Assistant I
(716)504-9884
Rebecca.Jones@et.eurofinsus.com

Designee for

Brian Fischer, Manager of Project Management
(716)504-9835
Brian.Fischer@et.eurofinsus.com

LINKS

Review your project results through my EOL

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 5
Detection Summary 6
Client Sample Results 9
Surrogate Summary 25
Isotope Dilution Summary 27
QC Sample Results 28
QC Association Summary 42
Lab Chronicle 45
Certification Summary 47
Method Summary 49
Sample Summary 50
Chain of Custody 51
Receipt Checklists 53

Definitions/Glossary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201432-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 480-201432-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-201432-1

Comments
No additional comments.

Receipt
The samples were received on 9/8/2022 3:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.8º C.

GC/MS VOA
Method 8260C: Internal standard and surrogate responses were outside of acceptance limits for the following sample: SB-31 (14-15`) (480-201432-4). The sample(s) shows evidence of matrix interference.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270D: The continuing calibration verification (CCV) associated with batch 480-641138 recovered outside acceptance criteria, low biased, for Hexachlorocyclopentadiene. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8081B: The following sample was diluted due to the nature of the sample matrix: SB-30 (5-8) (480-201432-3). As such, surrogate recoveries are below the calibration range, estimated and not representative. Elevated reporting limits (RLs) are provided.

Method 8081B: The laboratory control sample (LCS) for preparation batch 480-641258 and analytical batch 480-641296 recovered outside control limits for the following analytes: Endrin aldehyde. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8081B: The method blank for preparation batch 480-641258 contained Endrin aldehyde above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 8081B: The %RPD between the primary and confirmation column exceeded 40% for Methoxychlor for the following sample: SB-30 (5-8) (480-201432-3). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

LCMS
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method 3550C: The following sample: SB-30 (5-8) (480-201432-3) was decanted prior to preparation.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201432-1

Client Sample ID: SB-23 (8-10) — Lab Sample ID: 480-201432-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	71	J	210	41	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	46	J	210	21	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	33	J	210	30	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	53	J	210	33	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	32	J	210	22	ug/Kg	1	☼	8270D	Total/NA
Butyl benzyl phthalate	36	J B	210	34	ug/Kg	1	☼	8270D	Total/NA
Chrysene	99	J	210	46	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	48	J	210	22	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	170	J	210	30	ug/Kg	1	☼	8270D	Total/NA
Pyrene	58	J	210	24	ug/Kg	1	☼	8270D	Total/NA
Aluminum	2850		12.1	5.3	mg/Kg	1	☼	6010C	Total/NA
Antimony	1.1	J	18.1	0.48	mg/Kg	1	☼	6010C	Total/NA
Arsenic	10.1		2.4	0.48	mg/Kg	1	☼	6010C	Total/NA
Barium	141		0.60	0.13	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.53		0.24	0.034	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.40		0.24	0.036	mg/Kg	1	☼	6010C	Total/NA
Calcium	8860	B	60.5	4.0	mg/Kg	1	☼	6010C	Total/NA
Chromium	9.4		0.60	0.24	mg/Kg	1	☼	6010C	Total/NA
Cobalt	14.8		0.60	0.060	mg/Kg	1	☼	6010C	Total/NA
Copper	48.3		1.2	0.25	mg/Kg	1	☼	6010C	Total/NA
Iron	31100		12.1	4.2	mg/Kg	1	☼	6010C	Total/NA
Lead	92.7		1.2	0.29	mg/Kg	1	☼	6010C	Total/NA
Magnesium	553	B	24.2	1.1	mg/Kg	1	☼	6010C	Total/NA
Manganese	3840	B	0.24	0.039	mg/Kg	1	☼	6010C	Total/NA
Nickel	21.8		6.0	0.28	mg/Kg	1	☼	6010C	Total/NA
Potassium	550		36.3	24.2	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.8	J	4.8	0.48	mg/Kg	1	☼	6010C	Total/NA
Silver	0.50	J	0.73	0.24	mg/Kg	1	☼	6010C	Total/NA
Sodium	273		169	15.7	mg/Kg	1	☼	6010C	Total/NA
Thallium	1.3	J	7.3	0.36	mg/Kg	1	☼	6010C	Total/NA
Vanadium	17.3		0.60	0.13	mg/Kg	1	☼	6010C	Total/NA
Zinc	87.8		2.4	0.77	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.053		0.024	0.0055	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-24 (6-7) — Lab Sample ID: 480-201432-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	47	J	190	37	ug/Kg	1	☼	8270D	Total/NA
Anthracene	60	J	190	46	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	44	J	190	19	ug/Kg	1	☼	8270D	Total/NA
Chrysene	76	J	190	42	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	62	J	190	20	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	180	J	190	27	ug/Kg	1	☼	8270D	Total/NA
Pyrene	120	J	190	22	ug/Kg	1	☼	8270D	Total/NA
Aluminum	15900		11.6	5.1	mg/Kg	1	☼	6010C	Total/NA
Arsenic	2.8		2.3	0.47	mg/Kg	1	☼	6010C	Total/NA
Barium	100		0.58	0.13	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.67		0.23	0.033	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.21	J	0.23	0.035	mg/Kg	1	☼	6010C	Total/NA
Calcium	65900	B	58.1	3.8	mg/Kg	1	☼	6010C	Total/NA
Chromium	19.4		0.58	0.23	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: SB-24 (6-7) (Continued)

Lab Sample ID: 480-201432-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	9.4		0.58	0.058	mg/Kg	1	☼	6010C	Total/NA
Copper	14.6		1.2	0.24	mg/Kg	1	☼	6010C	Total/NA
Iron	18400		11.6	4.1	mg/Kg	1	☼	6010C	Total/NA
Lead	15.8		1.2	0.28	mg/Kg	1	☼	6010C	Total/NA
Magnesium	25700	B	23.3	1.1	mg/Kg	1	☼	6010C	Total/NA
Manganese	510	B	0.23	0.037	mg/Kg	1	☼	6010C	Total/NA
Nickel	20.5		5.8	0.27	mg/Kg	1	☼	6010C	Total/NA
Potassium	5940		34.9	23.3	mg/Kg	1	☼	6010C	Total/NA
Sodium	277		163	15.1	mg/Kg	1	☼	6010C	Total/NA
Thallium	1.8	J	7.0	0.35	mg/Kg	1	☼	6010C	Total/NA
Vanadium	30.9		0.58	0.13	mg/Kg	1	☼	6010C	Total/NA
Zinc	49.9		2.3	0.74	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.019	J	0.022	0.0050	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-30 (5-8)

Lab Sample ID: 480-201432-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	7.0	J	25	1.8	ug/Kg	1	☼	8260C	Total/NA
Acetone	42		25	4.2	ug/Kg	1	☼	8260C	Total/NA
Benzo[a]anthracene	36	J	200	20	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	42	J	200	29	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	53	J	200	32	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	24	J	200	21	ug/Kg	1	☼	8270D	Total/NA
Butyl benzyl phthalate	33	J B	200	33	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	72	J	200	21	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	25	J	200	25	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	33	J	200	29	ug/Kg	1	☼	8270D	Total/NA
Pyrene	61	J	200	23	ug/Kg	1	☼	8270D	Total/NA
Endrin ketone	8.5	J	19	4.7	ug/Kg	10	☼	8081B	Total/NA
trans-Chlordane	6.8	J	19	6.1	ug/Kg	10	☼	8081B	Total/NA
Methoxychlor	22		19	3.9	ug/Kg	10	☼	8081B	Total/NA
Aluminum	11800		12.0	5.3	mg/Kg	1	☼	6010C	Total/NA
Arsenic	7.5		2.4	0.48	mg/Kg	1	☼	6010C	Total/NA
Barium	55.8		0.60	0.13	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.59		0.24	0.033	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.40		0.24	0.036	mg/Kg	1	☼	6010C	Total/NA
Calcium	18800	B	59.8	3.9	mg/Kg	1	☼	6010C	Total/NA
Chromium	15.5		0.60	0.24	mg/Kg	1	☼	6010C	Total/NA
Cobalt	10.0		0.60	0.060	mg/Kg	1	☼	6010C	Total/NA
Copper	47.9		1.2	0.25	mg/Kg	1	☼	6010C	Total/NA
Iron	20800		12.0	4.2	mg/Kg	1	☼	6010C	Total/NA
Lead	25.2		1.2	0.29	mg/Kg	1	☼	6010C	Total/NA
Magnesium	5290	B	23.9	1.1	mg/Kg	1	☼	6010C	Total/NA
Manganese	580	B	0.24	0.038	mg/Kg	1	☼	6010C	Total/NA
Nickel	30.8		6.0	0.27	mg/Kg	1	☼	6010C	Total/NA
Potassium	2790		35.9	23.9	mg/Kg	1	☼	6010C	Total/NA
Sodium	122	J	167	15.5	mg/Kg	1	☼	6010C	Total/NA
Vanadium	23.5		0.60	0.13	mg/Kg	1	☼	6010C	Total/NA
Zinc	79.1		2.4	0.77	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.011	J	0.024	0.0055	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201432-1

Client Sample ID: SB-31 (14-15`)

Lab Sample ID: 480-201432-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	4.3	J *3	4.8	0.92	ug/Kg	1	☼	8260C	Total/NA
1,3,5-Trimethylbenzene	1.6	J *3	4.8	0.31	ug/Kg	1	☼	8260C	Total/NA
2-Butanone (MEK)	8.5	J	24	1.7	ug/Kg	1	☼	8260C	Total/NA
Acetone	47		24	4.0	ug/Kg	1	☼	8260C	Total/NA
Cyclohexane	0.81	J	4.8	0.67	ug/Kg	1	☼	8260C	Total/NA
Methyl acetate	3.8	J	24	2.9	ug/Kg	1	☼	8260C	Total/NA
Methylcyclohexane	2.1	J	4.8	0.73	ug/Kg	1	☼	8260C	Total/NA
Naphthalene	1.1	J *3	4.8	0.64	ug/Kg	1	☼	8260C	Total/NA
Toluene	0.93	J *3	4.8	0.36	ug/Kg	1	☼	8260C	Total/NA
4-Methylphenol	26	J	400	24	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	75	J	210	21	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	63	J	210	30	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	78	J	210	33	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	35	J	210	22	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	30	J	210	27	ug/Kg	1	☼	8270D	Total/NA
Chrysene	86	J	210	46	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	110	J	210	22	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	33	J	210	26	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	86	J	210	30	ug/Kg	1	☼	8270D	Total/NA
Pyrene	140	J	210	24	ug/Kg	1	☼	8270D	Total/NA
Aluminum	13300		12.2	5.3	mg/Kg	1	☼	6010C	Total/NA
Arsenic	5.5		2.4	0.49	mg/Kg	1	☼	6010C	Total/NA
Barium	89.3		0.61	0.13	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.65		0.24	0.034	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.24		0.24	0.036	mg/Kg	1	☼	6010C	Total/NA
Calcium	27600	B	60.8	4.0	mg/Kg	1	☼	6010C	Total/NA
Chromium	18.1		0.61	0.24	mg/Kg	1	☼	6010C	Total/NA
Cobalt	9.5		0.61	0.061	mg/Kg	1	☼	6010C	Total/NA
Copper	28.2		1.2	0.26	mg/Kg	1	☼	6010C	Total/NA
Iron	18600		12.2	4.3	mg/Kg	1	☼	6010C	Total/NA
Lead	21.4		1.2	0.29	mg/Kg	1	☼	6010C	Total/NA
Magnesium	11500	B	24.3	1.1	mg/Kg	1	☼	6010C	Total/NA
Manganese	352	B	0.24	0.039	mg/Kg	1	☼	6010C	Total/NA
Nickel	25.9		6.1	0.28	mg/Kg	1	☼	6010C	Total/NA
Potassium	3210		36.5	24.3	mg/Kg	1	☼	6010C	Total/NA
Sodium	167	J	170	15.8	mg/Kg	1	☼	6010C	Total/NA
Thallium	0.69	J	7.3	0.36	mg/Kg	1	☼	6010C	Total/NA
Vanadium	33.5		0.61	0.13	mg/Kg	1	☼	6010C	Total/NA
Zinc	63.5		2.4	0.78	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.040		0.025	0.0058	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-23 (8-10)
Date Collected: 09/06/22 12:00
Date Received: 09/08/22 15:00

Lab Sample ID: 480-201432-1
Matrix: Solid
Percent Solids: 81.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		210	30	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
bis (2-chloroisopropyl) ether	ND		210	41	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
2,4,5-Trichlorophenol	ND		210	56	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
2,4,6-Trichlorophenol	ND		210	41	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
2,4-Dichlorophenol	ND		210	22	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
2,4-Dimethylphenol	ND		210	49	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
2,4-Dinitrophenol	ND		2000	950	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
2,4-Dinitrotoluene	ND		210	42	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
2,6-Dinitrotoluene	ND		210	24	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
2-Chloronaphthalene	ND		210	34	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
1,4-Dioxane	ND		120	66	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
2-Chlorophenol	ND		400	37	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
2-Methylnaphthalene	**71**	**J**	210	41	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
2-Methylphenol	ND		210	24	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
2-Nitroaniline	ND		400	30	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
2-Nitrophenol	ND		210	58	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
3,3'-Dichlorobenzidine	ND		400	240	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
3-Nitroaniline	ND		400	57	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
4,6-Dinitro-2-methylphenol	ND		400	210	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
4-Bromophenyl phenyl ether	ND		210	29	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
4-Chloro-3-methylphenol	ND		210	51	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
4-Chloroaniline	ND		210	51	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
4-Chlorophenyl phenyl ether	ND		210	25	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
4-Methylphenol	ND		400	24	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
4-Nitroaniline	ND		400	110	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
4-Nitrophenol	ND		400	140	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Acenaphthene	ND		210	30	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Acenaphthylene	ND		210	27	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Acetophenone	ND		210	28	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Anthracene	ND		210	51	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Atrazine	ND		210	71	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Benzaldehyde	ND		210	160	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Benzo[a]anthracene	**46**	**J**	210	21	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Benzo[a]pyrene	**33**	**J**	210	30	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Benzo[b]fluoranthene	**53**	**J**	210	33	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Benzo[g,h,i]perylene	**32**	**J**	210	22	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Benzo[k]fluoranthene	ND		210	27	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Bis(2-chloroethoxy)methane	ND		210	43	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Bis(2-chloroethyl)ether	ND		210	27	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Bis(2-ethylhexyl) phthalate	ND		210	70	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Butyl benzyl phthalate	**36**	**J B**	210	34	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Caprolactam	ND		210	62	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Carbazole	ND		210	24	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Chrysene	**99**	**J**	210	46	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Di-n-butyl phthalate	ND		210	35	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Di-n-octyl phthalate	ND		210	24	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Dibenz(a,h)anthracene	ND		210	36	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Dibenzofuran	ND		210	24	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Diethyl phthalate	ND		210	27	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1

Client Sample ID: SB-23 (8-10)
Date Collected: 09/06/22 12:00
Date Received: 09/08/22 15:00

Lab Sample ID: 480-201432-1
Matrix: Solid
Percent Solids: 81.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		210	24	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Fluoranthene	**48**	**J**	210	22	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Fluorene	ND		210	24	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Hexachlorobenzene	ND		210	28	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Hexachlorobutadiene	ND		210	30	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Hexachlorocyclopentadiene	ND		210	28	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Hexachloroethane	ND		210	27	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Indeno[1,2,3-cd]pyrene	ND		210	25	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Isophorone	ND		210	43	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
N-Nitrosodi-n-propylamine	ND		210	35	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
N-Nitrosodiphenylamine	ND		210	170	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Naphthalene	ND		210	27	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Nitrobenzene	ND		210	23	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Pentachlorophenol	ND		400	210	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Phenanthrene	**170**	**J**	210	30	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Phenol	ND		210	31	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1
Pyrene	**58**	**J**	210	24	ug/Kg	☼	09/12/22 15:49	09/13/22 18:18	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*580*	*T J*	*ug/Kg*	☼	*2.22*		*09/12/22 15:49*	*09/13/22 18:18*	*1*
Unknown	*190*	*T J*	*ug/Kg*	☼	*3.19*		*09/12/22 15:49*	*09/13/22 18:18*	*1*
Undecane	*180*	*T J N*	*ug/Kg*	☼	*4.31*	*1120-21-4*	*09/12/22 15:49*	*09/13/22 18:18*	*1*
Unknown	*220*	*T J*	*ug/Kg*	☼	*4.65*		*09/12/22 15:49*	*09/13/22 18:18*	*1*
Tetradecane, 4-methyl-	*350*	*T J N*	*ug/Kg*	☼	*5.47*	*25117-24-2*	*09/12/22 15:49*	*09/13/22 18:18*	*1*
Hexadecane	*270*	*T J N*	*ug/Kg*	☼	*6.02*	*544-76-3*	*09/12/22 15:49*	*09/13/22 18:18*	*1*
3-Methyl-4-(methoxycarbonyl)hexa-2,4-dienoic acid	*210*	*T J N*	*ug/Kg*	☼	*6.19*	*1000104-10-8*	*09/12/22 15:49*	*09/13/22 18:18*	*1*
Tridecane, 5-propyl-	*760*	*T J N*	*ug/Kg*	☼	*6.40*	*55045-11-9*	*09/12/22 15:49*	*09/13/22 18:18*	*1*
Eicosane	*190*	*T J N*	*ug/Kg*	☼	*6.73*	*112-95-8*	*09/12/22 15:49*	*09/13/22 18:18*	*1*
Phenanthrene, 1-methyl-	*210*	*T J N*	*ug/Kg*	☼	*7.17*	*832-69-9*	*09/12/22 15:49*	*09/13/22 18:18*	*1*
Pentacosane	*300*	*T J N*	*ug/Kg*	☼	*7.37*	*629-99-2*	*09/12/22 15:49*	*09/13/22 18:18*	*1*
Phenanthrene, 2,5-dimethyl-	*170*	*T J N*	*ug/Kg*	☼	*7.58*	*3674-66-6*	*09/12/22 15:49*	*09/13/22 18:18*	*1*
Cyclic octaatomic sulfur	*2000*	*T J N*	*ug/Kg*	☼	*7.73*	*10544-50-0*	*09/12/22 15:49*	*09/13/22 18:18*	*1*
Eicosane, 10-methyl-	*220*	*T J N*	*ug/Kg*	☼	*7.95*	*54833-23-7*	*09/12/22 15:49*	*09/13/22 18:18*	*1*
Dodecane, 2-methyl-6-propyl-	*250*	*T J N*	*ug/Kg*	☼	*8.23*	*55045-08-4*	*09/12/22 15:49*	*09/13/22 18:18*	*1*
Tricosane	*440*	*T J N*	*ug/Kg*	☼	*8.81*	*638-67-5*	*09/12/22 15:49*	*09/13/22 18:18*	*1*
Heptacosane	*550*	*T J N*	*ug/Kg*	☼	*9.12*	*593-49-7*	*09/12/22 15:49*	*09/13/22 18:18*	*1*
Hexacosane	*560*	*T J N*	*ug/Kg*	☼	*9.46*	*630-01-3*	*09/12/22 15:49*	*09/13/22 18:18*	*1*
Heneicosane	*210*	*T J N*	*ug/Kg*	☼	*10.57*	*629-94-7*	*09/12/22 15:49*	*09/13/22 18:18*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*101*		*54 - 120*	*09/12/22 15:49*	*09/13/22 18:18*	*1*
2-Fluorobiphenyl	*86*		*60 - 120*	*09/12/22 15:49*	*09/13/22 18:18*	*1*
2-Fluorophenol	*73*		*52 - 120*	*09/12/22 15:49*	*09/13/22 18:18*	*1*
Nitrobenzene-d5	*78*		*53 - 120*	*09/12/22 15:49*	*09/13/22 18:18*	*1*
p-Terphenyl-d14	*107*		*79 - 130*	*09/12/22 15:49*	*09/13/22 18:18*	*1*
Phenol-d5	*75*		*54 - 120*	*09/12/22 15:49*	*09/13/22 18:18*	*1*

Client Sample Results

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201432-1

Client Sample ID: SB-23 (8-10)

Date Collected: 09/06/22 12:00
Date Received: 09/08/22 15:00

Lab Sample ID: 480-201432-1

Matrix: Solid
Percent Solids: 81.5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2850		12.1	5.3	mg/Kg	☼	09/15/22 11:25	09/16/22 14:59	1
Antimony	1.1	J	18.1	0.48	mg/Kg	☼	09/15/22 11:25	09/16/22 14:59	1
Arsenic	10.1		2.4	0.48	mg/Kg	☼	09/15/22 11:25	09/16/22 14:59	1
Barium	141		0.60	0.13	mg/Kg	☼	09/15/22 11:25	09/16/22 14:59	1
Beryllium	0.53		0.24	0.034	mg/Kg	☼	09/15/22 11:25	09/16/22 14:59	1
Cadmium	0.40		0.24	0.036	mg/Kg	☼	09/15/22 11:25	09/16/22 14:59	1
Calcium	8860	B	60.5	4.0	mg/Kg	☼	09/15/22 11:25	09/16/22 14:59	1
Chromium	9.4		0.60	0.24	mg/Kg	☼	09/15/22 11:25	09/16/22 14:59	1
Cobalt	14.8		0.60	0.060	mg/Kg	☼	09/15/22 11:25	09/16/22 14:59	1
Copper	48.3		1.2	0.25	mg/Kg	☼	09/15/22 11:25	09/16/22 14:59	1
Iron	31100		12.1	4.2	mg/Kg	☼	09/15/22 11:25	09/16/22 14:59	1
Lead	92.7		1.2	0.29	mg/Kg	☼	09/15/22 11:25	09/16/22 14:59	1
Magnesium	553	B	24.2	1.1	mg/Kg	☼	09/15/22 11:25	09/16/22 14:59	1
Manganese	3840	B	0.24	0.039	mg/Kg	☼	09/15/22 11:25	09/16/22 14:59	1
Nickel	21.8		6.0	0.28	mg/Kg	☼	09/15/22 11:25	09/16/22 14:59	1
Potassium	550		36.3	24.2	mg/Kg	☼	09/15/22 11:25	09/16/22 14:59	1
Selenium	1.8	J	4.8	0.48	mg/Kg	☼	09/15/22 11:25	09/16/22 14:59	1
Silver	0.50	J	0.73	0.24	mg/Kg	☼	09/15/22 11:25	09/16/22 14:59	1
Sodium	273		169	15.7	mg/Kg	☼	09/15/22 11:25	09/16/22 14:59	1
Thallium	1.3	J	7.3	0.36	mg/Kg	☼	09/15/22 11:25	09/16/22 14:59	1
Vanadium	17.3		0.60	0.13	mg/Kg	☼	09/15/22 11:25	09/16/22 14:59	1
Zinc	87.8		2.4	0.77	mg/Kg	☼	09/15/22 11:25	09/16/22 14:59	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.053		0.024	0.0055	mg/Kg	☼	09/13/22 11:26	09/13/22 15:12	1

Client Sample ID: SB-24 (6-7)
Date Collected: 09/06/22 14:00
Date Received: 09/08/22 15:00

Lab Sample ID: 480-201432-2
Matrix: Solid
Percent Solids: 90.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		190	27	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
bis (2-chloroisopropyl) ether	ND		190	37	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
2,4,5-Trichlorophenol	ND		190	50	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
2,4,6-Trichlorophenol	ND		190	37	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
2,4-Dichlorophenol	ND		190	20	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
2,4-Dimethylphenol	ND		190	45	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
2,4-Dinitrophenol	ND		1800	860	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
2,4-Dinitrotoluene	ND		190	38	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
2,6-Dinitrotoluene	ND		190	22	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
2-Chloronaphthalene	ND		190	31	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
1,4-Dioxane	ND		110	60	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
2-Chlorophenol	ND		360	34	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
2-Methylnaphthalene	**47**	**J**	190	37	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
2-Methylphenol	ND		190	22	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
2-Nitroaniline	ND		360	27	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
2-Nitrophenol	ND		190	53	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
3,3'-Dichlorobenzidine	ND		360	220	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
3-Nitroaniline	ND		360	51	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
4,6-Dinitro-2-methylphenol	ND		360	190	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
4-Bromophenyl phenyl ether	ND		190	26	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
4-Chloro-3-methylphenol	ND		190	46	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
4-Chloroaniline	ND		190	46	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
4-Chlorophenyl phenyl ether	ND		190	23	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
4-Methylphenol	ND		360	22	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
4-Nitroaniline	ND		360	97	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
4-Nitrophenol	ND		360	130	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Acenaphthene	ND		190	27	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Acenaphthylene	ND		190	24	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Acetophenone	ND		190	25	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Anthracene	**60**	**J**	190	46	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Atrazine	ND		190	65	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Benzaldehyde	ND		190	150	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Benzo[a]anthracene	**44**	**J**	190	19	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Benzo[a]pyrene	ND		190	27	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Benzo[b]fluoranthene	ND		190	30	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Benzo[g,h,i]perylene	ND		190	20	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Benzo[k]fluoranthene	ND		190	24	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Bis(2-chloroethoxy)methane	ND		190	39	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Bis(2-chloroethyl)ether	ND		190	24	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Bis(2-ethylhexyl) phthalate	ND		190	64	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Butyl benzyl phthalate	ND		190	31	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Caprolactam	ND		190	56	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Carbazole	ND		190	22	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Chrysene	**76**	**J**	190	42	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Di-n-butyl phthalate	ND		190	32	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Di-n-octyl phthalate	ND		190	22	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Dibenz(a,h)anthracene	ND		190	33	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Dibenzofuran	ND		190	22	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Diethyl phthalate	ND		190	24	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1

Client Sample ID: SB-24 (6-7)
Date Collected: 09/06/22 14:00
Date Received: 09/08/22 15:00

Lab Sample ID: 480-201432-2
Matrix: Solid
Percent Solids: 90.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		190	22	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Fluoranthene	**62**	**J**	190	20	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Fluorene	ND		190	22	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Hexachlorobenzene	ND		190	25	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Hexachlorobutadiene	ND		190	27	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Hexachlorocyclopentadiene	ND		190	25	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Hexachloroethane	ND		190	24	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Indeno[1,2,3-cd]pyrene	ND		190	23	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Isophorone	ND		190	39	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
N-Nitrosodi-n-propylamine	ND		190	32	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
N-Nitrosodiphenylamine	ND		190	150	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Naphthalene	ND		190	24	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Nitrobenzene	ND		190	21	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Pentachlorophenol	ND		360	190	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Phenanthrene	**180**	**J**	190	27	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Phenol	ND		190	28	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1
Pyrene	**120**	**J**	190	22	ug/Kg	☼	09/12/22 15:49	09/13/22 18:35	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*640*	*T J*	*ug/Kg*	☼	*2.22*		*09/12/22 15:49*	*09/13/22 18:35*	*1*
Unknown	*250*	*T J*	*ug/Kg*	☼	*5.47*		*09/12/22 15:49*	*09/13/22 18:35*	*1*
Naphthalene, 1,6,7-trimethyl-	*190*	*T J N*	*ug/Kg*	☼	*5.80*	*2245-38-7*	*09/12/22 15:49*	*09/13/22 18:35*	*1*
Unknown	*260*	*T J*	*ug/Kg*	☼	*5.88*		*09/12/22 15:49*	*09/13/22 18:35*	*1*
Unknown	*150*	*T J*	*ug/Kg*	☼	*5.96*		*09/12/22 15:49*	*09/13/22 18:35*	*1*
Hexadecane	*320*	*T J N*	*ug/Kg*	☼	*6.02*	*544-76-3*	*09/12/22 15:49*	*09/13/22 18:35*	*1*
Unknown	*370*	*T J*	*ug/Kg*	☼	*6.10*		*09/12/22 15:49*	*09/13/22 18:35*	*1*
Heptadecane, 7-methyl-	*1200*	*T J N*	*ug/Kg*	☼	*6.40*	*20959-33-5*	*09/12/22 15:49*	*09/13/22 18:35*	*1*
Pentadecane	*430*	*T J N*	*ug/Kg*	☼	*6.74*	*629-62-9*	*09/12/22 15:49*	*09/13/22 18:35*	*1*
Eicosane	*510*	*T J N*	*ug/Kg*	☼	*7.07*	*112-95-8*	*09/12/22 15:49*	*09/13/22 18:35*	*1*
Octadecane, 5,14-dibutyl-	*430*	*T J N*	*ug/Kg*	☼	*9.13*	*55282-13-8*	*09/12/22 15:49*	*09/13/22 18:35*	*1*
Heptacosane	*330*	*T J N*	*ug/Kg*	☼	*9.46*	*593-49-7*	*09/12/22 15:49*	*09/13/22 18:35*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*104*		*54 - 120*	*09/12/22 15:49*	*09/13/22 18:35*	*1*
2-Fluorobiphenyl	*89*		*60 - 120*	*09/12/22 15:49*	*09/13/22 18:35*	*1*
2-Fluorophenol	*81*		*52 - 120*	*09/12/22 15:49*	*09/13/22 18:35*	*1*
Nitrobenzene-d5	*81*		*53 - 120*	*09/12/22 15:49*	*09/13/22 18:35*	*1*
p-Terphenyl-d14	*100*		*79 - 130*	*09/12/22 15:49*	*09/13/22 18:35*	*1*
Phenol-d5	*80*		*54 - 120*	*09/12/22 15:49*	*09/13/22 18:35*	*1*

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**15900**		11.6	5.1	mg/Kg	☼	09/15/22 11:25	09/16/22 15:03	1
Antimony	ND		17.4	0.47	mg/Kg	☼	09/15/22 11:25	09/16/22 15:03	1
Arsenic	**2.8**		2.3	0.47	mg/Kg	☼	09/15/22 11:25	09/16/22 15:03	1
Barium	**100**		0.58	0.13	mg/Kg	☼	09/15/22 11:25	09/16/22 15:03	1
Beryllium	**0.67**		0.23	0.033	mg/Kg	☼	09/15/22 11:25	09/16/22 15:03	1
Cadmium	**0.21**	**J**	0.23	0.035	mg/Kg	☼	09/15/22 11:25	09/16/22 15:03	1
Calcium	**65900**	**B**	58.1	3.8	mg/Kg	☼	09/15/22 11:25	09/16/22 15:03	1
Chromium	**19.4**		0.58	0.23	mg/Kg	☼	09/15/22 11:25	09/16/22 15:03	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201432-1

Client Sample ID: SB-24 (6-7)
Date Collected: 09/06/22 14:00
Date Received: 09/08/22 15:00

Lab Sample ID: 480-201432-2
Matrix: Solid
Percent Solids: 90.3

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	9.4		0.58	0.058	mg/Kg	☼	09/15/22 11:25	09/16/22 15:03	1
Copper	14.6		1.2	0.24	mg/Kg	☼	09/15/22 11:25	09/16/22 15:03	1
Iron	18400		11.6	4.1	mg/Kg	☼	09/15/22 11:25	09/16/22 15:03	1
Lead	15.8		1.2	0.28	mg/Kg	☼	09/15/22 11:25	09/16/22 15:03	1
Magnesium	25700	B	23.3	1.1	mg/Kg	☼	09/15/22 11:25	09/16/22 15:03	1
Manganese	510	B	0.23	0.037	mg/Kg	☼	09/15/22 11:25	09/16/22 15:03	1
Nickel	20.5		5.8	0.27	mg/Kg	☼	09/15/22 11:25	09/16/22 15:03	1
Potassium	5940		34.9	23.3	mg/Kg	☼	09/15/22 11:25	09/16/22 15:03	1
Selenium	ND		4.7	0.47	mg/Kg	☼	09/15/22 11:25	09/16/22 15:03	1
Silver	ND		0.70	0.23	mg/Kg	☼	09/15/22 11:25	09/16/22 15:03	1
Sodium	277		163	15.1	mg/Kg	☼	09/15/22 11:25	09/16/22 15:03	1
Thallium	1.8	J	7.0	0.35	mg/Kg	☼	09/15/22 11:25	09/16/22 15:03	1
Vanadium	30.9		0.58	0.13	mg/Kg	☼	09/15/22 11:25	09/16/22 15:03	1
Zinc	49.9		2.3	0.74	mg/Kg	☼	09/15/22 11:25	09/16/22 15:03	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019	J	0.022	0.0050	mg/Kg	☼	09/13/22 11:26	09/13/22 15:13	1

Client Sample ID: SB-30 (5-8)
Date Collected: 09/08/22 09:30
Date Received: 09/08/22 15:00

Lab Sample ID: 480-201432-3
Matrix: Solid
Percent Solids: 84.1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
1,2,4-Trimethylbenzene	ND		5.0	0.96	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
1,3,5-Trimethylbenzene	ND		5.0	0.32	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
2-Butanone (MEK)	**7.0**	**J**	25	1.8	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
2-Hexanone	ND		25	2.5	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
4-Isopropyltoluene	ND		5.0	0.40	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Acetone	**42**		25	4.2	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Benzene	ND		5.0	0.24	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Bromoform	ND		5.0	2.5	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Bromomethane	ND		5.0	0.45	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Carbon disulfide	ND		5.0	2.5	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Chlorobenzene	ND		5.0	0.66	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Chloroethane	ND		5.0	1.1	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Chloroform	ND		5.0	0.31	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Chloromethane	ND		5.0	0.30	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Cyclohexane	ND		5.0	0.70	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Ethylbenzene	ND		5.0	0.34	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Methyl acetate	ND		25	3.0	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Methylene Chloride	ND		5.0	2.3	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
m,p-Xylene	ND		10	0.84	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Naphthalene	ND		5.0	0.67	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
n-Butylbenzene	ND		5.0	0.43	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
N-Propylbenzene	ND		5.0	0.40	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
o-Xylene	ND		5.0	0.65	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
sec-Butylbenzene	ND		5.0	0.43	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Toluene	ND		5.0	0.38	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1

Client Sample ID: SB-30 (5-8)
Date Collected: 09/08/22 09:30
Date Received: 09/08/22 15:00

Lab Sample ID: 480-201432-3
Matrix: Solid
Percent Solids: 84.1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Trichloroethene	ND		5.0	1.1	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Vinyl chloride	ND		5.0	0.61	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Xylenes, Total	ND		10	0.84	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
Styrene	ND		5.0	0.25	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1
tert-Butylbenzene	ND		5.0	0.52	ug/Kg	☼	09/09/22 09:45	09/11/22 23:29	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
column bleed	*13*	*T J*	*ug/Kg*	☼	*9.59*		*09/09/22 09:45*	*09/11/22 23:29*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*64 - 126*	*09/09/22 09:45*	*09/11/22 23:29*	*1*
4-Bromofluorobenzene (Surr)	*89*		*72 - 126*	*09/09/22 09:45*	*09/11/22 23:29*	*1*
Toluene-d8 (Surr)	*117*		*71 - 125*	*09/09/22 09:45*	*09/11/22 23:29*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*	*09/09/22 09:45*	*09/11/22 23:29*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		200	29	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
bis (2-chloroisopropyl) ether	ND		200	40	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
2,4,5-Trichlorophenol	ND		200	54	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
2,4,6-Trichlorophenol	ND		200	40	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
2,4-Dichlorophenol	ND		200	21	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
2,4-Dimethylphenol	ND		200	48	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
2,4-Dinitrophenol	ND		2000	920	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
2,4-Dinitrotoluene	ND		200	41	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
2,6-Dinitrotoluene	ND		200	23	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
2-Chloronaphthalene	ND		200	33	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
1,4-Dioxane	ND		120	65	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
2-Chlorophenol	ND		390	36	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
2-Methylnaphthalene	ND		200	40	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
2-Methylphenol	ND		200	23	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
2-Nitroaniline	ND		390	29	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
2-Nitrophenol	ND		200	56	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
3,3'-Dichlorobenzidine	ND		390	230	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
3-Nitroaniline	ND		390	55	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
4,6-Dinitro-2-methylphenol	ND		390	200	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
4-Bromophenyl phenyl ether	ND		200	28	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
4-Chloro-3-methylphenol	ND		200	49	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
4-Chloroaniline	ND		200	49	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
4-Chlorophenyl phenyl ether	ND		200	25	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
4-Methylphenol	ND		390	23	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
4-Nitroaniline	ND		390	100	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
4-Nitrophenol	ND		390	140	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Acenaphthene	ND		200	29	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Acenaphthylene	ND		200	26	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Acetophenone	ND		200	27	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1

Client Sample ID: SB-30 (5-8)
Date Collected: 09/08/22 09:30
Date Received: 09/08/22 15:00

Lab Sample ID: 480-201432-3
Matrix: Solid
Percent Solids: 84.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		200	49	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Atrazine	ND		200	69	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Benzaldehyde	ND		200	160	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Benzo[a]anthracene	**36**	**J**	200	20	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Benzo[a]pyrene	**42**	**J**	200	29	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Benzo[b]fluoranthene	**53**	**J**	200	32	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Benzo[g,h,i]perylene	**24**	**J**	200	21	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Benzo[k]fluoranthene	ND		200	26	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Bis(2-chloroethoxy)methane	ND		200	42	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Bis(2-chloroethyl)ether	ND		200	26	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Bis(2-ethylhexyl) phthalate	ND		200	68	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Butyl benzyl phthalate	**33**	**J B**	200	33	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Caprolactam	ND		200	60	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Carbazole	ND		200	23	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Chrysene	ND		200	45	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Di-n-butyl phthalate	ND		200	34	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Di-n-octyl phthalate	ND		200	23	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Dibenz(a,h)anthracene	ND		200	35	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Dibenzofuran	ND		200	23	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Diethyl phthalate	ND		200	26	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Dimethyl phthalate	ND		200	23	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Fluoranthene	**72**	**J**	200	21	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Fluorene	ND		200	23	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Hexachlorobenzene	ND		200	27	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Hexachlorobutadiene	ND		200	29	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Hexachlorocyclopentadiene	ND		200	27	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Hexachloroethane	ND		200	26	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Indeno[1,2,3-cd]pyrene	**25**	**J**	200	25	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Isophorone	ND		200	42	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
N-Nitrosodi-n-propylamine	ND		200	34	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
N-Nitrosodiphenylamine	ND		200	160	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Naphthalene	ND		200	26	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Nitrobenzene	ND		200	22	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Pentachlorophenol	ND		390	200	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Phenanthrene	**33**	**J**	200	29	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Phenol	ND		200	31	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1
Pyrene	**61**	**J**	200	23	ug/Kg	☼	09/12/22 15:49	09/13/22 18:52	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*490*	*T J*	*ug/Kg*	☼	*2.22*		*09/12/22 15:49*	*09/13/22 18:52*	*1*
Unknown	*200*	*T J*	*ug/Kg*	☼	*7.71*		*09/12/22 15:49*	*09/13/22 18:52*	*1*
Eicosane, 10-methyl-	*240*	*T J N*	*ug/Kg*	☼	*8.51*	*54833-23-7*	*09/12/22 15:49*	*09/13/22 18:52*	*1*
Heptacosane	*300*	*T J N*	*ug/Kg*	☼	*8.81*	*593-49-7*	*09/12/22 15:49*	*09/13/22 18:52*	*1*
Octacosane	*390*	*T J N*	*ug/Kg*	☼	*9.12*	*630-02-4*	*09/12/22 15:49*	*09/13/22 18:52*	*1*
Octadecane	*370*	*T J N*	*ug/Kg*	☼	*9.46*	*593-45-3*	*09/12/22 15:49*	*09/13/22 18:52*	*1*
Pentadecane, 8-hexyl-	*300*	*T J N*	*ug/Kg*	☼	*9.81*	*13475-75-7*	*09/12/22 15:49*	*09/13/22 18:52*	*1*
Nonadecane	*230*	*T J N*	*ug/Kg*	☼	*10.18*	*629-92-5*	*09/12/22 15:49*	*09/13/22 18:52*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*98*		*54 - 120*	*09/12/22 15:49*	*09/13/22 18:52*	*1*

Client Sample ID: SB-30 (5-8)
Date Collected: 09/08/22 09:30
Date Received: 09/08/22 15:00

Lab Sample ID: 480-201432-3
Matrix: Solid
Percent Solids: 84.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	81		60 - 120	09/12/22 15:49	09/13/22 18:52	1
2-Fluorophenol	78		52 - 120	09/12/22 15:49	09/13/22 18:52	1
Nitrobenzene-d5	75		53 - 120	09/12/22 15:49	09/13/22 18:52	1
p-Terphenyl-d14	102		79 - 130	09/12/22 15:49	09/13/22 18:52	1
Phenol-d5	79		54 - 120	09/12/22 15:49	09/13/22 18:52	1

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		19	3.7	ug/Kg	☼	09/13/22 16:09	09/14/22 13:14	10
4,4'-DDE	ND		19	4.0	ug/Kg	☼	09/13/22 16:09	09/14/22 13:14	10
4,4'-DDT	ND		19	4.5	ug/Kg	☼	09/13/22 16:09	09/14/22 13:14	10
Aldrin	ND		19	4.7	ug/Kg	☼	09/13/22 16:09	09/14/22 13:14	10
alpha-BHC	ND		19	3.5	ug/Kg	☼	09/13/22 16:09	09/14/22 13:14	10
cis-Chlordane	ND		19	9.6	ug/Kg	☼	09/13/22 16:09	09/14/22 13:14	10
beta-BHC	ND		19	3.5	ug/Kg	☼	09/13/22 16:09	09/14/22 13:14	10
delta-BHC	ND		19	3.6	ug/Kg	☼	09/13/22 16:09	09/14/22 13:14	10
Dieldrin	ND		19	4.6	ug/Kg	☼	09/13/22 16:09	09/14/22 13:14	10
Endosulfan I	ND		19	3.7	ug/Kg	☼	09/13/22 16:09	09/14/22 13:14	10
Endosulfan II	ND		19	3.5	ug/Kg	☼	09/13/22 16:09	09/14/22 13:14	10
Endosulfan sulfate	ND		19	3.6	ug/Kg	☼	09/13/22 16:09	09/14/22 13:14	10
Endrin	ND		19	3.8	ug/Kg	☼	09/13/22 16:09	09/14/22 13:14	10
Endrin aldehyde	ND	*+	19	4.9	ug/Kg	☼	09/13/22 16:09	09/14/22 13:14	10
Endrin ketone	**8.5**	**J**	19	4.7	ug/Kg	☼	09/13/22 16:09	09/14/22 13:14	10
gamma-BHC (Lindane)	ND		19	3.5	ug/Kg	☼	09/13/22 16:09	09/14/22 13:14	10
trans-Chlordane	**6.8**	**J**	19	6.1	ug/Kg	☼	09/13/22 16:09	09/14/22 13:14	10
Heptachlor	ND		19	4.2	ug/Kg	☼	09/13/22 16:09	09/14/22 13:14	10
Heptachlor epoxide	ND		19	5.0	ug/Kg	☼	09/13/22 16:09	09/14/22 13:14	10
Methoxychlor	**22**		19	3.9	ug/Kg	☼	09/13/22 16:09	09/14/22 13:14	10
Toxaphene	ND		190	110	ug/Kg	☼	09/13/22 16:09	09/14/22 13:14	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	81		45 - 120	09/13/22 16:09	09/14/22 13:14	10
DCB Decachlorobiphenyl	255	S1+	45 - 120	09/13/22 16:09	09/14/22 13:14	10
Tetrachloro-m-xylene	88		30 - 124	09/13/22 16:09	09/14/22 13:14	10
Tetrachloro-m-xylene	97		30 - 124	09/13/22 16:09	09/14/22 13:14	10

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.21	0.041	mg/Kg	☼	09/15/22 08:29	09/15/22 21:22	1
PCB-1221	ND		0.21	0.041	mg/Kg	☼	09/15/22 08:29	09/15/22 21:22	1
PCB-1232	ND		0.21	0.041	mg/Kg	☼	09/15/22 08:29	09/15/22 21:22	1
PCB-1242	ND		0.21	0.041	mg/Kg	☼	09/15/22 08:29	09/15/22 21:22	1
PCB-1248	ND		0.21	0.041	mg/Kg	☼	09/15/22 08:29	09/15/22 21:22	1
PCB-1254	ND		0.21	0.099	mg/Kg	☼	09/15/22 08:29	09/15/22 21:22	1
PCB-1260	ND		0.21	0.099	mg/Kg	☼	09/15/22 08:29	09/15/22 21:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	116		60 - 154	09/15/22 08:29	09/15/22 21:22	1
Tetrachloro-m-xylene	125		60 - 154	09/15/22 08:29	09/15/22 21:22	1
DCB Decachlorobiphenyl	103		65 - 174	09/15/22 08:29	09/15/22 21:22	1

Client Sample ID: SB-30 (5-8)
Date Collected: 09/08/22 09:30
Date Received: 09/08/22 15:00

Lab Sample ID: 480-201432-3
Matrix: Solid
Percent Solids: 84.1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*118*		*65 - 174*	*09/15/22 08:29*	*09/15/22 21:22*	*1*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		19	6.2	ug/Kg	☼	09/15/22 06:58	09/20/22 17:58	1
Silvex (2,4,5-TP)	ND		19	7.0	ug/Kg	☼	09/15/22 06:58	09/20/22 17:58	1
2,4-D	ND		19	12	ug/Kg	☼	09/15/22 06:58	09/20/22 17:58	1
Dichlorprop	ND		19	9.7	ug/Kg	☼	09/15/22 06:58	09/20/22 17:58	1
Pentachlorophenol	ND		19	6.3	ug/Kg	☼	09/15/22 06:58	09/20/22 17:58	1
Picloram	ND		19	8.3	ug/Kg	☼	09/15/22 06:58	09/20/22 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*90*		*28 - 129*	*09/15/22 06:58*	*09/20/22 17:58*	*1*
2,4-Dichlorophenylacetic acid	*76*		*28 - 129*	*09/15/22 06:58*	*09/20/22 17:58*	*1*

Method: 537 (Modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.24	0.022	ng/g	☼	09/12/22 17:10	09/15/22 07:20	1
Perfluoroheptanoic acid	ND		0.24	0.028	ng/g	☼	09/12/22 17:10	09/15/22 07:20	1
Perfluorooctanoic acid	ND		0.24	0.026	ng/g	☼	09/12/22 17:10	09/15/22 07:20	1
Perfluorononanoic acid	ND		0.24	0.027	ng/g	☼	09/12/22 17:10	09/15/22 07:20	1
Perfluorodecanoic acid	ND		0.24	0.028	ng/g	☼	09/12/22 17:10	09/15/22 07:20	1
Perfluorotridecanoic acid	ND		0.24	0.025	ng/g	☼	09/12/22 17:10	09/15/22 07:20	1
Perfluorotetradecanoic acid	ND		0.24	0.028	ng/g	☼	09/12/22 17:10	09/15/22 07:20	1
Perfluorobutanesulfonic acid	ND		0.47	0.43	ng/g	☼	09/12/22 17:10	09/15/22 07:20	1
Perfluorohexanesulfonic acid	ND		0.24	0.022	ng/g	☼	09/12/22 17:10	09/15/22 07:20	1
Perfluorooctanesulfonic acid	ND		0.24	0.041	ng/g	☼	09/12/22 17:10	09/15/22 07:20	1
NEtFOSAA	ND		0.24	0.026	ng/g	☼	09/12/22 17:10	09/15/22 07:20	1
NMeFOSAA	ND		0.24	0.036	ng/g	☼	09/12/22 17:10	09/15/22 07:20	1
Perfluoroheptanesulfonic acid	ND		0.24	0.024	ng/g	☼	09/12/22 17:10	09/15/22 07:20	1
Perfluorodecanesulfonic acid	ND		0.24	0.025	ng/g	☼	09/12/22 17:10	09/15/22 07:20	1
Perfluorooctanesulfonamide	ND		0.24	0.025	ng/g	☼	09/12/22 17:10	09/15/22 07:20	1
Perfluorobutanoic acid	ND		0.24	0.028	ng/g	☼	09/12/22 17:10	09/15/22 07:20	1
Perfluoroundecanoic acid	ND		0.24	0.066	ng/g	☼	09/12/22 17:10	09/15/22 07:20	1
Perfluorododecanoic acid	ND		0.24	0.027	ng/g	☼	09/12/22 17:10	09/15/22 07:20	1
6:2 Fluorotelomer sulfonic acid	ND		0.24	0.058	ng/g	☼	09/12/22 17:10	09/15/22 07:20	1
8:2 Fluorotelomer sulfonic acid	ND		0.24	0.020	ng/g	☼	09/12/22 17:10	09/15/22 07:20	1
Perfluoropentanoic acid	ND		0.24	0.028	ng/g	☼	09/12/22 17:10	09/15/22 07:20	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-8:2 FTS	*199*		*15 - 200*	*09/12/22 17:10*	*09/15/22 07:20*	*1*
M2-6:2 FTS	*169*		*10 - 200*	*09/12/22 17:10*	*09/15/22 07:20*	*1*
13C5 PFHxA	*93*		*10 - 174*	*09/12/22 17:10*	*09/15/22 07:20*	*1*
13C4 PFHpA	*98*		*10 - 178*	*09/12/22 17:10*	*09/15/22 07:20*	*1*
13C8 PFOA	*103*		*26 - 159*	*09/12/22 17:10*	*09/15/22 07:20*	*1*
13C9 PFNA	*115*		*26 - 165*	*09/12/22 17:10*	*09/15/22 07:20*	*1*
13C6 PFDA	*109*		*26 - 161*	*09/12/22 17:10*	*09/15/22 07:20*	*1*
13C7 PFUnA	*107*		*12 - 173*	*09/12/22 17:10*	*09/15/22 07:20*	*1*
13C2-PFDoDA	*105*		*11 - 166*	*09/12/22 17:10*	*09/15/22 07:20*	*1*
13C2 PFTeDA	*105*		*10 - 169*	*09/12/22 17:10*	*09/15/22 07:20*	*1*

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201432-1

Client Sample ID: SB-30 (5-8)
Date Collected: 09/08/22 09:30
Date Received: 09/08/22 15:00

Lab Sample ID: 480-201432-3
Matrix: Solid
Percent Solids: 84.1

Method: 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	122		27 - 179	09/12/22 17:10	09/15/22 07:20	1
13C3 PFHxS	99		24 - 171	09/12/22 17:10	09/15/22 07:20	1
13C8 PFOS	116		41 - 154	09/12/22 17:10	09/15/22 07:20	1
d3-NMeFOSAA	104		10 - 178	09/12/22 17:10	09/15/22 07:20	1
d5-NEtFOSAA	110		10 - 193	09/12/22 17:10	09/15/22 07:20	1
13C8 FOSA	57		14 - 163	09/12/22 17:10	09/15/22 07:20	1
13C4 PFBA	111		28 - 153	09/12/22 17:10	09/15/22 07:20	1
13C5 PFPeA	119		24 - 161	09/12/22 17:10	09/15/22 07:20	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11800		12.0	5.3	mg/Kg	☼	09/15/22 11:25	09/16/22 15:07	1
Antimony	ND		17.9	0.48	mg/Kg	☼	09/15/22 11:25	09/16/22 15:07	1
Arsenic	7.5		2.4	0.48	mg/Kg	☼	09/15/22 11:25	09/16/22 15:07	1
Barium	55.8		0.60	0.13	mg/Kg	☼	09/15/22 11:25	09/16/22 15:07	1
Beryllium	0.59		0.24	0.033	mg/Kg	☼	09/15/22 11:25	09/16/22 15:07	1
Cadmium	0.40		0.24	0.036	mg/Kg	☼	09/15/22 11:25	09/16/22 15:07	1
Calcium	18800	B	59.8	3.9	mg/Kg	☼	09/15/22 11:25	09/16/22 15:07	1
Chromium	15.5		0.60	0.24	mg/Kg	☼	09/15/22 11:25	09/16/22 15:07	1
Cobalt	10.0		0.60	0.060	mg/Kg	☼	09/15/22 11:25	09/16/22 15:07	1
Copper	47.9		1.2	0.25	mg/Kg	☼	09/15/22 11:25	09/16/22 15:07	1
Iron	20800		12.0	4.2	mg/Kg	☼	09/15/22 11:25	09/16/22 15:07	1
Lead	25.2		1.2	0.29	mg/Kg	☼	09/15/22 11:25	09/16/22 15:07	1
Magnesium	5290	B	23.9	1.1	mg/Kg	☼	09/15/22 11:25	09/16/22 15:07	1
Manganese	580	B	0.24	0.038	mg/Kg	☼	09/15/22 11:25	09/16/22 15:07	1
Nickel	30.8		6.0	0.27	mg/Kg	☼	09/15/22 11:25	09/16/22 15:07	1
Potassium	2790		35.9	23.9	mg/Kg	☼	09/15/22 11:25	09/16/22 15:07	1
Selenium	ND		4.8	0.48	mg/Kg	☼	09/15/22 11:25	09/16/22 15:07	1
Silver	ND		0.72	0.24	mg/Kg	☼	09/15/22 11:25	09/16/22 15:07	1
Sodium	122	J	167	15.5	mg/Kg	☼	09/15/22 11:25	09/16/22 15:07	1
Thallium	ND		7.2	0.36	mg/Kg	☼	09/15/22 11:25	09/16/22 15:07	1
Vanadium	23.5		0.60	0.13	mg/Kg	☼	09/15/22 11:25	09/16/22 15:07	1
Zinc	79.1		2.4	0.77	mg/Kg	☼	09/15/22 11:25	09/16/22 15:07	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.011	J	0.024	0.0055	mg/Kg	☼	09/13/22 11:26	09/13/22 15:14	1

Client Sample ID: SB-31 (14-15`)
Date Collected: 09/08/22 11:15
Date Received: 09/08/22 15:00

Lab Sample ID: 480-201432-4
Matrix: Solid
Percent Solids: 81.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.8	0.35	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
1,1,2,2-Tetrachloroethane	ND	*3	4.8	0.77	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8	1.1	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
1,1,2-Trichloroethane	ND	*3	4.8	0.62	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
1,1-Dichloroethane	ND		4.8	0.58	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
1,1-Dichloroethene	ND		4.8	0.58	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
1,2,4-Trichlorobenzene	ND	*3	4.8	0.29	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
1,2,4-Trimethylbenzene	**4.3**	**J *3**	4.8	0.92	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
1,2-Dibromo-3-Chloropropane	ND	*3	4.8	2.4	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
1,2-Dichlorobenzene	ND	*3	4.8	0.37	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
1,2-Dichloroethane	ND		4.8	0.24	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
1,2-Dichloropropane	ND		4.8	2.4	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
1,3,5-Trimethylbenzene	**1.6**	**J *3**	4.8	0.31	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
1,3-Dichlorobenzene	ND	*3	4.8	0.25	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
1,4-Dichlorobenzene	ND	*3	4.8	0.67	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
2-Butanone (MEK)	**8.5**	**J**	24	1.7	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
2-Hexanone	ND	*3	24	2.4	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
4-Isopropyltoluene	ND	*3	4.8	0.38	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
4-Methyl-2-pentanone (MIBK)	ND	*3	24	1.6	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Acetone	**47**		24	4.0	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Benzene	ND		4.8	0.23	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Bromoform	ND	*3	4.8	2.4	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Bromomethane	ND		4.8	0.43	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Carbon disulfide	ND		4.8	2.4	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Carbon tetrachloride	ND		4.8	0.46	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Chlorobenzene	ND	*3	4.8	0.63	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Dibromochloromethane	ND	*3	4.8	0.61	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Chloroethane	ND		4.8	1.1	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Chloroform	ND		4.8	0.30	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Chloromethane	ND		4.8	0.29	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
cis-1,2-Dichloroethene	ND		4.8	0.61	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Cyclohexane	**0.81**	**J**	4.8	0.67	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Bromodichloromethane	ND		4.8	0.64	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Dichlorodifluoromethane	ND		4.8	0.39	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Ethylbenzene	ND	*3	4.8	0.33	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
1,2-Dibromoethane	ND	*3	4.8	0.61	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Isopropylbenzene	ND	*3	4.8	0.72	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Methyl acetate	**3.8**	**J**	24	2.9	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Methyl tert-butyl ether	ND		4.8	0.47	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Methylcyclohexane	**2.1**	**J**	4.8	0.73	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Methylene Chloride	ND		4.8	2.2	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
m,p-Xylene	ND	*3	9.6	0.80	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Naphthalene	**1.1**	**J *3**	4.8	0.64	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
n-Butylbenzene	ND	*3	4.8	0.42	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
N-Propylbenzene	ND	*3	4.8	0.38	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
o-Xylene	ND	*3	4.8	0.62	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
sec-Butylbenzene	ND	*3	4.8	0.42	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Tetrachloroethene	ND	*3	4.8	0.64	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Toluene	**0.93**	**J *3**	4.8	0.36	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1

Client Sample ID: SB-31 (14-15`)
Date Collected: 09/08/22 11:15
Date Received: 09/08/22 15:00

Lab Sample ID: 480-201432-4
Matrix: Solid
Percent Solids: 81.6

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		4.8	0.49	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
trans-1,3-Dichloropropene	ND	*3	4.8	2.1	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Trichloroethene	ND		4.8	1.1	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Trichlorofluoromethane	ND		4.8	0.45	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Vinyl chloride	ND		4.8	0.58	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Xylenes, Total	ND		9.6	0.80	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
cis-1,3-Dichloropropene	ND		4.8	0.69	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
Styrene	ND	*3	4.8	0.24	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1
tert-Butylbenzene	ND	*3	4.8	0.50	ug/Kg	☼	09/09/22 09:45	09/11/22 23:53	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*75*	*T J*	*ug/Kg*	☼	*9.59*		*09/09/22 09:45*	*09/11/22 23:53*	*1*
Unknown	*33*	*T J*	*ug/Kg*	☼	*11.55*		*09/09/22 09:45*	*09/11/22 23:53*	*1*
Benzene, 2-ethenyl-1,4-dimethyl-	*47*	*T J N*	*ug/Kg*	☼	*12.06*	*2039-89-6*	*09/09/22 09:45*	*09/11/22 23:53*	*1*
1H-Indene, 2,3-dihydro-1,6-dimethyl-	*110*	*T J N*	*ug/Kg*	☼	*12.47*	*17059-48-2*	*09/09/22 09:45*	*09/11/22 23:53*	*1*
1H-Indene, 2,3-dihydro-4,7-dimethyl-	*24*	*T J N*	*ug/Kg*	☼	*13.06*	*6682-71-9*	*09/09/22 09:45*	*09/11/22 23:53*	*1*
Unknown	*38*	*T J*	*ug/Kg*	☼	*13.23*		*09/09/22 09:45*	*09/11/22 23:53*	*1*
Unknown	*42*	*T J*	*ug/Kg*	☼	*13.33*		*09/09/22 09:45*	*09/11/22 23:53*	*1*
Hexadecane, 2,6,10,14-tetramethyl-	*29*	*T J N*	*ug/Kg*	☼	*13.41*	*638-36-8*	*09/09/22 09:45*	*09/11/22 23:53*	*1*
Unknown	*30*	*T J*	*ug/Kg*	☼	*13.91*		*09/09/22 09:45*	*09/11/22 23:53*	*1*
Dodecane, 2-methyl-8-propyl-	*24*	*T J N*	*ug/Kg*	☼	*14.01*	*55045-07-3*	*09/09/22 09:45*	*09/11/22 23:53*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 126*	*09/09/22 09:45*	*09/11/22 23:53*	*1*
4-Bromofluorobenzene (Surr)	*72*	**3*	*72 - 126*	*09/09/22 09:45*	*09/11/22 23:53*	*1*
Toluene-d8 (Surr)	*144*	**3 S1+*	*71 - 125*	*09/09/22 09:45*	*09/11/22 23:53*	*1*
Dibromofluoromethane (Surr)	*110*		*60 - 140*	*09/09/22 09:45*	*09/11/22 23:53*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		210	30	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
bis (2-chloroisopropyl) ether	ND		210	41	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
2,4,5-Trichlorophenol	ND		210	56	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
2,4,6-Trichlorophenol	ND		210	41	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
2,4-Dichlorophenol	ND		210	22	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
2,4-Dimethylphenol	ND		210	50	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
2,4-Dinitrophenol	ND		2000	960	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
2,4-Dinitrotoluene	ND		210	43	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
2,6-Dinitrotoluene	ND		210	24	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
2-Chloronaphthalene	ND		210	34	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
1,4-Dioxane	ND		120	67	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
2-Chlorophenol	ND		400	38	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
2-Methylnaphthalene	ND		210	41	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
2-Methylphenol	ND		210	24	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
2-Nitroaniline	ND		400	30	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
2-Nitrophenol	ND		210	59	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
3,3'-Dichlorobenzidine	ND		400	240	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
3-Nitroaniline	ND		400	57	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
4,6-Dinitro-2-methylphenol	ND		400	210	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
4-Bromophenyl phenyl ether	ND		210	29	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1

Client Sample ID: SB-31 (14-15`)
Date Collected: 09/08/22 11:15
Date Received: 09/08/22 15:00

Lab Sample ID: 480-201432-4
Matrix: Solid
Percent Solids: 81.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	ND		210	51	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
4-Chloroaniline	ND		210	51	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
4-Chlorophenyl phenyl ether	ND		210	26	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
4-Methylphenol	**26**	**J**	400	24	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
4-Nitroaniline	ND		400	110	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
4-Nitrophenol	ND		400	150	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Acenaphthene	ND		210	30	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Acenaphthylene	ND		210	27	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Acetophenone	ND		210	28	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Anthracene	ND		210	51	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Atrazine	ND		210	72	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Benzaldehyde	ND		210	160	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Benzo[a]anthracene	**75**	**J**	210	21	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Benzo[a]pyrene	**63**	**J**	210	30	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Benzo[b]fluoranthene	**78**	**J**	210	33	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Benzo[g,h,i]perylene	**35**	**J**	210	22	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Benzo[k]fluoranthene	**30**	**J**	210	27	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Bis(2-chloroethoxy)methane	ND		210	44	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Bis(2-chloroethyl)ether	ND		210	27	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Bis(2-ethylhexyl) phthalate	ND		210	71	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Butyl benzyl phthalate	ND		210	34	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Caprolactam	ND		210	62	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Carbazole	ND		210	24	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Chrysene	**86**	**J**	210	46	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Di-n-butyl phthalate	ND		210	35	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Di-n-octyl phthalate	ND		210	24	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Dibenz(a,h)anthracene	ND		210	37	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Dibenzofuran	ND		210	24	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Diethyl phthalate	ND		210	27	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Dimethyl phthalate	ND		210	24	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Fluoranthene	**110**	**J**	210	22	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Fluorene	ND		210	24	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Hexachlorobenzene	ND		210	28	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Hexachlorobutadiene	ND		210	30	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Hexachlorocyclopentadiene	ND		210	28	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Hexachloroethane	ND		210	27	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Indeno[1,2,3-cd]pyrene	**33**	**J**	210	26	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Isophorone	ND		210	44	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
N-Nitrosodi-n-propylamine	ND		210	35	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
N-Nitrosodiphenylamine	ND		210	170	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Naphthalene	ND		210	27	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Nitrobenzene	ND		210	23	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Pentachlorophenol	ND		400	210	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Phenanthrene	**86**	**J**	210	30	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Phenol	ND		210	32	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1
Pyrene	**140**	**J**	210	24	ug/Kg	☼	09/12/22 15:49	09/13/22 19:09	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*440*	*T J*	*ug/Kg*	☼	*2.22*		*09/12/22 15:49*	*09/13/22 19:09*	*1*
Unknown	*220*	*T J*	*ug/Kg*	☼	*5.88*		*09/12/22 15:49*	*09/13/22 19:09*	*1*

Client Sample ID: SB-31 (14-15`)
Date Collected: 09/08/22 11:15
Date Received: 09/08/22 15:00

Lab Sample ID: 480-201432-4
Matrix: Solid
Percent Solids: 81.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	330	T J	ug/Kg	☼	6.10		09/12/22 15:49	09/13/22 19:09	1
Heptadecane, 2,6-dimethyl-	660	T J N	ug/Kg	☼	6.40	54105-67-8	09/12/22 15:49	09/13/22 19:09	1
Eicosane	440	T J N	ug/Kg	☼	7.03	112-95-8	09/12/22 15:49	09/13/22 19:09	1
Tetracosane	330	T J N	ug/Kg	☼	8.52	646-31-1	09/12/22 15:49	09/13/22 19:09	1
Nonadecane	390	T J N	ug/Kg	☼	8.81	629-92-5	09/12/22 15:49	09/13/22 19:09	1
Octadecane	690	T J N	ug/Kg	☼	9.12	593-45-3	09/12/22 15:49	09/13/22 19:09	1
Heptacosane	640	T J N	ug/Kg	☼	9.46	593-49-7	09/12/22 15:49	09/13/22 19:09	1
Octacosane	250	T J N	ug/Kg	☼	10.56	630-02-4	09/12/22 15:49	09/13/22 19:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	105		54 - 120	09/12/22 15:49	09/13/22 19:09	1
2-Fluorobiphenyl	77		60 - 120	09/12/22 15:49	09/13/22 19:09	1
2-Fluorophenol	59		52 - 120	09/12/22 15:49	09/13/22 19:09	1
Nitrobenzene-d5	64		53 - 120	09/12/22 15:49	09/13/22 19:09	1
p-Terphenyl-d14	103		79 - 130	09/12/22 15:49	09/13/22 19:09	1
Phenol-d5	66		54 - 120	09/12/22 15:49	09/13/22 19:09	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**13300**		12.2	5.3	mg/Kg	☼	09/15/22 11:25	09/16/22 15:11	1
Antimony	ND		18.2	0.49	mg/Kg	☼	09/15/22 11:25	09/16/22 15:11	1
Arsenic	**5.5**		2.4	0.49	mg/Kg	☼	09/15/22 11:25	09/16/22 15:11	1
Barium	**89.3**		0.61	0.13	mg/Kg	☼	09/15/22 11:25	09/16/22 15:11	1
Beryllium	**0.65**		0.24	0.034	mg/Kg	☼	09/15/22 11:25	09/16/22 15:11	1
Cadmium	**0.24**		0.24	0.036	mg/Kg	☼	09/15/22 11:25	09/16/22 15:11	1
Calcium	**27600**	**B**	60.8	4.0	mg/Kg	☼	09/15/22 11:25	09/16/22 15:11	1
Chromium	**18.1**		0.61	0.24	mg/Kg	☼	09/15/22 11:25	09/16/22 15:11	1
Cobalt	**9.5**		0.61	0.061	mg/Kg	☼	09/15/22 11:25	09/16/22 15:11	1
Copper	**28.2**		1.2	0.26	mg/Kg	☼	09/15/22 11:25	09/16/22 15:11	1
Iron	**18600**		12.2	4.3	mg/Kg	☼	09/15/22 11:25	09/16/22 15:11	1
Lead	**21.4**		1.2	0.29	mg/Kg	☼	09/15/22 11:25	09/16/22 15:11	1
Magnesium	**11500**	**B**	24.3	1.1	mg/Kg	☼	09/15/22 11:25	09/16/22 15:11	1
Manganese	**352**	**B**	0.24	0.039	mg/Kg	☼	09/15/22 11:25	09/16/22 15:11	1
Nickel	**25.9**		6.1	0.28	mg/Kg	☼	09/15/22 11:25	09/16/22 15:11	1
Potassium	**3210**		36.5	24.3	mg/Kg	☼	09/15/22 11:25	09/16/22 15:11	1
Selenium	ND		4.9	0.49	mg/Kg	☼	09/15/22 11:25	09/16/22 15:11	1
Silver	ND		0.73	0.24	mg/Kg	☼	09/15/22 11:25	09/16/22 15:11	1
Sodium	**167**	**J**	170	15.8	mg/Kg	☼	09/15/22 11:25	09/16/22 15:11	1
Thallium	**0.69**	**J**	7.3	0.36	mg/Kg	☼	09/15/22 11:25	09/16/22 15:11	1
Vanadium	**33.5**		0.61	0.13	mg/Kg	☼	09/15/22 11:25	09/16/22 15:11	1
Zinc	**63.5**		2.4	0.78	mg/Kg	☼	09/15/22 11:25	09/16/22 15:11	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.040**		0.025	0.0058	mg/Kg	☼	09/13/22 11:26	09/13/22 15:16	1

Surrogate Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201432-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(64-126)	(72-126)	(71-125)	(60-140)
480-201432-3	SB-30 (5-8)	106	89	117	102
480-201432-4	SB-31 (14-15`)	107	72 *3	144 *3 S1+	110
LCS 480-640947/1-A	Lab Control Sample	103	97	109	98
MB 480-640947/2-A	Method Blank	105	98	108	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL
Lab Sample ID	Client Sample ID	(54-120)	(60-120)	(52-120)	(53-120)	(79-130)	(54-120)
480-201432-1	SB-23 (8-10)	101	86	73	78	107	75
480-201432-2	SB-24 (6-7)	104	89	81	81	100	80
480-201432-3	SB-30 (5-8)	98	81	78	75	102	79
480-201432-4	SB-31 (14-15`)	105	77	59	64	103	66
LCS 480-641087/2-A	Lab Control Sample	89	74	67	70	92	70
MB 480-641087/1-A	Method Blank	81	88	83	83	95	81

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPHd14 = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(45-120)	(45-120)	(30-124)	(30-124)
480-201432-3	SB-30 (5-8)	81	255 S1+	88	97
LCS 480-641258/2-A	Lab Control Sample	80	98	65	65
MB 480-641258/1-A	Method Blank	78	96	61	62

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201432-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCBP1	DCBP2
Lab Sample ID	Client Sample ID	(60-154)	(60-154)	(65-174)	(65-174)
480-201432-3	SB-30 (5-8)	116	125	103	118
LCS 480-641490/2-A	Lab Control Sample	119	129	108	130
MB 480-641490/1-A	Method Blank	86	98	100	108

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8151A - Herbicides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCPAA1	DCPAA2
Lab Sample ID	Client Sample ID	(28-129)	(28-129)
480-201432-3	SB-30 (5-8)	90	76
LCS 480-641476/2-A	Lab Control Sample	100	79
MB 480-641476/1-A	Method Blank	83	78

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Isotope Dilution Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201432-1

Method: 537 (Modified) - Fluorinated Alkyl Substances

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		M282FTS	M262FTS	13C5PHA	C4PFHA	C8PFOA	C9PFNA	C6PFDA	13C7PUA
Lab Sample ID	Client Sample ID	(15-200)	(10-200)	(10-174)	(10-178)	(26-159)	(26-165)	(26-161)	(12-173)
480-201432-3	SB-30 (5-8)	199	169	93	98	103	115	109	107
LCS 410-295073/2-B	Lab Control Sample	110	109	88	86	96	107	93	108
MB 410-295073/1-B	Method Blank	148	125	106	108	106	120	112	116

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PFDoDA	PFTDA	C3PFBS	C3PFHS	C8PFOS	d3NMFOS	d5NEFOS	PFOSA
Lab Sample ID	Client Sample ID	(11-166)	(10-169)	(27-179)	(24-171)	(41-154)	(10-178)	(10-193)	(14-163)
480-201432-3	SB-30 (5-8)	105	105	122	99	116	104	110	57
LCS 410-295073/2-B	Lab Control Sample	100	96	119	103	113	75	79	73
MB 410-295073/1-B	Method Blank	120	111	123	124	127	84	98	90

		Percent Isotope Dilution Recovery (Acceptance Limits)	
		PFBA	PFPeA
Lab Sample ID	Client Sample ID	(28-153)	(24-161)
480-201432-3	SB-30 (5-8)	111	119
LCS 410-295073/2-B	Lab Control Sample	91	97
MB 410-295073/1-B	Method Blank	101	106

Surrogate Legend

M282FTS = M2-8:2 FTS
M262FTS = M2-6:2 FTS
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFDoDA = 13C2-PFDoDA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
PFOSA = 13C8 FOSA
PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-640947/2-A
Matrix: Solid
Analysis Batch: 640948

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 640947

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,2,4-Trimethylbenzene	ND		5.0	0.96	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,3,5-Trimethylbenzene	ND		5.0	0.32	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
2-Hexanone	ND		25	2.5	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
4-Isopropyltoluene	ND		5.0	0.40	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Acetone	ND		25	4.2	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Benzene	ND		5.0	0.25	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Bromoform	ND		5.0	2.5	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Bromomethane	ND		5.0	0.45	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Chloroethane	ND		5.0	1.1	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Chloroform	0.392	J	5.0	0.31	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Chloromethane	ND		5.0	0.30	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Cyclohexane	ND		5.0	0.70	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Methyl acetate	ND		25	3.0	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
m,p-Xylene	ND		10	0.84	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Naphthalene	ND		5.0	0.67	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
n-Butylbenzene	ND		5.0	0.44	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
N-Propylbenzene	ND		5.0	0.40	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
o-Xylene	ND		5.0	0.65	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
sec-Butylbenzene	ND		5.0	0.44	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		09/11/22 18:11	09/11/22 21:28	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-640947/2-A
Matrix: Solid
Analysis Batch: 640948

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 640947

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		5.0	0.38	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Trichloroethene	ND		5.0	1.1	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Xylenes, Total	ND		10	0.84	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
Styrene	ND		5.0	0.25	ug/Kg		09/11/22 18:11	09/11/22 21:28	1
tert-Butylbenzene	ND		5.0	0.52	ug/Kg		09/11/22 18:11	09/11/22 21:28	1

Tentatively Identified Compound	*Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*09/11/22 18:11*	*09/11/22 21:28*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*	*09/11/22 18:11*	*09/11/22 21:28*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 126*	*09/11/22 18:11*	*09/11/22 21:28*	*1*
Toluene-d8 (Surr)	*108*		*71 - 125*	*09/11/22 18:11*	*09/11/22 21:28*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*09/11/22 18:11*	*09/11/22 21:28*	*1*

Lab Sample ID: LCS 480-640947/1-A
Matrix: Solid
Analysis Batch: 640948

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 640947

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	45.1		ug/Kg		90	77 - 121
1,1,2,2-Tetrachloroethane	50.0	52.7		ug/Kg		105	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	44.4		ug/Kg		89	60 - 140
1,1,2-Trichloroethane	50.0	49.7		ug/Kg		99	78 - 122
1,1-Dichloroethane	50.0	47.0		ug/Kg		94	73 - 126
1,1-Dichloroethene	50.0	44.8		ug/Kg		90	59 - 125
1,2,4-Trichlorobenzene	50.0	49.8		ug/Kg		100	64 - 120
1,2,4-Trimethylbenzene	50.0	53.2		ug/Kg		106	74 - 120
1,2-Dibromo-3-Chloropropane	50.0	55.3		ug/Kg		111	63 - 124
1,2-Dichlorobenzene	50.0	51.1		ug/Kg		102	75 - 120
1,2-Dichloroethane	50.0	46.3		ug/Kg		93	77 - 122
1,2-Dichloropropane	50.0	47.7		ug/Kg		95	75 - 124
1,3,5-Trimethylbenzene	50.0	52.2		ug/Kg		104	74 - 120
1,3-Dichlorobenzene	50.0	51.7		ug/Kg		103	74 - 120
1,4-Dichlorobenzene	50.0	50.8		ug/Kg		102	73 - 120
2-Butanone (MEK)	250	258		ug/Kg		103	70 - 134
2-Hexanone	250	266		ug/Kg		106	59 - 130
4-Isopropyltoluene	50.0	52.1		ug/Kg		104	74 - 120
4-Methyl-2-pentanone (MIBK)	250	262		ug/Kg		105	65 - 133
Acetone	250	258		ug/Kg		103	61 - 137
Benzene	50.0	46.7		ug/Kg		93	79 - 127
Bromoform	50.0	52.9		ug/Kg		106	68 - 126

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-640947/1-A
Matrix: Solid
Analysis Batch: 640948

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 640947

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	50.0	42.8		ug/Kg		86	37 - 149
Carbon disulfide	50.0	45.0		ug/Kg		90	64 - 131
Carbon tetrachloride	50.0	45.5		ug/Kg		91	75 - 135
Chlorobenzene	50.0	49.2		ug/Kg		98	76 - 124
Dibromochloromethane	50.0	52.6		ug/Kg		105	76 - 125
Chloroethane	50.0	44.9		ug/Kg		90	69 - 135
Chloroform	50.0	45.0		ug/Kg		90	80 - 120
Chloromethane	50.0	44.5		ug/Kg		89	63 - 127
cis-1,2-Dichloroethene	50.0	46.1		ug/Kg		92	81 - 120
Cyclohexane	50.0	48.2		ug/Kg		96	65 - 120
Bromodichloromethane	50.0	47.9		ug/Kg		96	80 - 122
Dichlorodifluoromethane	50.0	38.7		ug/Kg		77	57 - 142
Ethylbenzene	50.0	49.0		ug/Kg		98	80 - 120
1,2-Dibromoethane	50.0	49.3		ug/Kg		99	78 - 120
Isopropylbenzene	50.0	53.0		ug/Kg		106	72 - 120
Methyl acetate	100	99.2		ug/Kg		99	55 - 136
Methyl tert-butyl ether	50.0	46.3		ug/Kg		93	63 - 125
Methylcyclohexane	50.0	46.0		ug/Kg		92	60 - 140
Methylene Chloride	50.0	47.7		ug/Kg		95	61 - 127
m,p-Xylene	50.0	48.6		ug/Kg		97	70 - 130
Naphthalene	50.0	50.9		ug/Kg		102	38 - 137
n-Butylbenzene	50.0	52.0		ug/Kg		104	70 - 120
N-Propylbenzene	50.0	52.5		ug/Kg		105	70 - 130
o-Xylene	50.0	48.5		ug/Kg		97	70 - 130
sec-Butylbenzene	50.0	52.3		ug/Kg		105	74 - 120
Tetrachloroethene	50.0	47.3		ug/Kg		95	74 - 122
Toluene	50.0	54.9		ug/Kg		110	74 - 128
trans-1,2-Dichloroethene	50.0	45.2		ug/Kg		90	78 - 126
trans-1,3-Dichloropropene	50.0	51.4		ug/Kg		103	73 - 123
Trichloroethene	50.0	45.7		ug/Kg		91	77 - 129
Trichlorofluoromethane	50.0	43.3		ug/Kg		87	65 - 146
Vinyl chloride	50.0	43.8		ug/Kg		88	61 - 133
cis-1,3-Dichloropropene	50.0	47.7		ug/Kg		95	80 - 120
Styrene	50.0	48.4		ug/Kg		97	80 - 120
tert-Butylbenzene	50.0	53.9		ug/Kg		108	73 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*
4-Bromofluorobenzene (Surr)	*97*		*72 - 126*
Toluene-d8 (Surr)	*109*		*71 - 125*
Dibromofluoromethane (Surr)	*98*		*60 - 140*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-641087/1-A
Matrix: Solid
Analysis Batch: 641138

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641087

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		170	24	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
bis (2-chloroisopropyl) ether	ND		170	33	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
2,4,5-Trichlorophenol	ND		170	45	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
2,4,6-Trichlorophenol	ND		170	33	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
2,4-Dichlorophenol	ND		170	18	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
2,4-Dimethylphenol	ND		170	40	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
2,4-Dinitrophenol	ND		1600	770	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
2,4-Dinitrotoluene	ND		170	34	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
2,6-Dinitrotoluene	ND		170	20	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
2-Chloronaphthalene	ND		170	27	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
1,4-Dioxane	ND		98	54	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
2-Chlorophenol	ND		320	30	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
2-Methylnaphthalene	ND		170	33	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
2-Methylphenol	ND		170	20	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
2-Nitroaniline	ND		320	24	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
2-Nitrophenol	ND		170	47	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
3,3'-Dichlorobenzidine	ND		320	200	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
3-Nitroaniline	ND		320	46	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
4,6-Dinitro-2-methylphenol	ND		320	170	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
4-Bromophenyl phenyl ether	ND		170	23	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
4-Chloro-3-methylphenol	ND		170	41	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
4-Chloroaniline	ND		170	41	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
4-Chlorophenyl phenyl ether	ND		170	21	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
4-Methylphenol	ND		320	20	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
4-Nitroaniline	ND		320	87	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
4-Nitrophenol	ND		320	120	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Acenaphthene	ND		170	24	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Acenaphthylene	ND		170	21	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Acetophenone	ND		170	22	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Anthracene	ND		170	41	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Atrazine	ND		170	58	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Benzaldehyde	ND		170	130	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Benzo[a]anthracene	ND		170	17	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Benzo[a]pyrene	ND		170	24	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Benzo[b]fluoranthene	ND		170	26	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Benzo[g,h,i]perylene	ND		170	18	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Benzo[k]fluoranthene	ND		170	21	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Bis(2-chloroethoxy)methane	ND		170	35	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Bis(2-chloroethyl)ether	ND		170	21	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Bis(2-ethylhexyl) phthalate	ND		170	57	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Butyl benzyl phthalate	28.0	J	170	27	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Caprolactam	ND		170	50	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Carbazole	ND		170	20	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Chrysene	ND		170	37	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Di-n-butyl phthalate	ND		170	28	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Di-n-octyl phthalate	ND		170	20	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Dibenz(a,h)anthracene	ND		170	29	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Dibenzofuran	ND		170	20	ug/Kg		09/12/22 15:49	09/13/22 13:11	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-641087/1-A
Matrix: Solid
Analysis Batch: 641138

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641087

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	ND		170	21	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Dimethyl phthalate	ND		170	20	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Fluoranthene	ND		170	18	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Fluorene	ND		170	20	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Hexachlorobenzene	ND		170	22	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Hexachlorobutadiene	ND		170	24	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Hexachlorocyclopentadiene	ND		170	22	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Hexachloroethane	ND		170	21	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Indeno[1,2,3-cd]pyrene	ND		170	21	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Isophorone	ND		170	35	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
N-Nitrosodi-n-propylamine	ND		170	28	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
N-Nitrosodiphenylamine	ND		170	130	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Naphthalene	ND		170	21	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Nitrobenzene	ND		170	19	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Pentachlorophenol	ND		320	170	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Phenanthrene	ND		170	24	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Phenol	ND		170	25	ug/Kg		09/12/22 15:49	09/13/22 13:11	1
Pyrene	ND		170	20	ug/Kg		09/12/22 15:49	09/13/22 13:11	1

Tentatively Identified Compound	*Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*416*	*T J*	*ug/Kg*		*2.21*		*09/12/22 15:49*	*09/13/22 13:11*	*1*
Heneicosane	*222*	*T J N*	*ug/Kg*		*8.51*	*629-94-7*	*09/12/22 15:49*	*09/13/22 13:11*	*1*
Eicosane	*323*	*T J N*	*ug/Kg*		*8.81*	*112-95-8*	*09/12/22 15:49*	*09/13/22 13:11*	*1*
Eicosane, 10-methyl-	*390*	*T J N*	*ug/Kg*		*9.12*	*54833-23-7*	*09/12/22 15:49*	*09/13/22 13:11*	*1*
Heptacosane	*366*	*T J N*	*ug/Kg*		*9.46*	*593-49-7*	*09/12/22 15:49*	*09/13/22 13:11*	*1*
Pentadecane, 8-hexyl-	*300*	*T J N*	*ug/Kg*		*9.81*	*13475-75-7*	*09/12/22 15:49*	*09/13/22 13:11*	*1*
Octacosane	*200*	*T J N*	*ug/Kg*		*10.18*	*630-02-4*	*09/12/22 15:49*	*09/13/22 13:11*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*81*		*54 - 120*	*09/12/22 15:49*	*09/13/22 13:11*	*1*
2-Fluorobiphenyl	*88*		*60 - 120*	*09/12/22 15:49*	*09/13/22 13:11*	*1*
2-Fluorophenol	*83*		*52 - 120*	*09/12/22 15:49*	*09/13/22 13:11*	*1*
Nitrobenzene-d5	*83*		*53 - 120*	*09/12/22 15:49*	*09/13/22 13:11*	*1*
p-Terphenyl-d14	*95*		*79 - 130*	*09/12/22 15:49*	*09/13/22 13:11*	*1*
Phenol-d5	*81*		*54 - 120*	*09/12/22 15:49*	*09/13/22 13:11*	*1*

Lab Sample ID: LCS 480-641087/2-A
Matrix: Solid
Analysis Batch: 641138

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641087

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	1630	1220		ug/Kg		75	59 - 120
bis (2-chloroisopropyl) ether	1630	990		ug/Kg		61	44 - 120
2,4,5-Trichlorophenol	1630	1350		ug/Kg		83	59 - 126
2,4,6-Trichlorophenol	1630	1310		ug/Kg		81	59 - 123
2,4-Dichlorophenol	1630	1250		ug/Kg		77	61 - 120
2,4-Dimethylphenol	1630	1260		ug/Kg		77	59 - 120
2,4-Dinitrophenol	3250	2740		ug/Kg		84	41 - 146

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-641087/2-A
Matrix: Solid
Analysis Batch: 641138

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641087

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dinitrotoluene	1630	1470		ug/Kg		90	63 - 120
2,6-Dinitrotoluene	1630	1390		ug/Kg		85	66 - 120
2-Chloronaphthalene	1630	1210		ug/Kg		74	57 - 120
1,4-Dioxane	1630	589		ug/Kg		36	23 - 120
2-Chlorophenol	1630	1140		ug/Kg		70	53 - 120
2-Methylnaphthalene	1630	1140		ug/Kg		70	59 - 120
2-Methylphenol	1630	1190		ug/Kg		73	54 - 120
2-Nitroaniline	1630	1330		ug/Kg		82	61 - 120
2-Nitrophenol	1630	1230		ug/Kg		76	56 - 120
3,3'-Dichlorobenzidine	3250	2480		ug/Kg		76	54 - 120
3-Nitroaniline	1630	1190		ug/Kg		73	48 - 120
4,6-Dinitro-2-methylphenol	3250	2810		ug/Kg		86	49 - 122
4-Bromophenyl phenyl ether	1630	1410		ug/Kg		87	58 - 120
4-Chloro-3-methylphenol	1630	1320		ug/Kg		81	61 - 120
4-Chloroaniline	1630	957		ug/Kg		59	38 - 120
4-Chlorophenyl phenyl ether	1630	1300		ug/Kg		80	63 - 124
4-Methylphenol	1630	1180		ug/Kg		73	55 - 120
4-Nitroaniline	1630	1360		ug/Kg		84	56 - 120
4-Nitrophenol	3250	2920		ug/Kg		90	43 - 147
Acenaphthene	1630	1230		ug/Kg		76	62 - 120
Acenaphthylene	1630	1280		ug/Kg		79	58 - 121
Acetophenone	1630	1110		ug/Kg		68	54 - 120
Anthracene	1630	1410		ug/Kg		87	62 - 120
Atrazine	3250	3030		ug/Kg		93	60 - 127
Benzaldehyde	3250	1500		ug/Kg		46	10 - 150
Benzo[a]anthracene	1630	1470		ug/Kg		90	65 - 120
Benzo[a]pyrene	1630	1470		ug/Kg		91	64 - 120
Benzo[b]fluoranthene	1630	1490		ug/Kg		92	64 - 120
Benzo[g,h,i]perylene	1630	1500		ug/Kg		92	45 - 145
Benzo[k]fluoranthene	1630	1500		ug/Kg		92	65 - 120
Bis(2-chloroethoxy)methane	1630	1150		ug/Kg		71	55 - 120
Bis(2-chloroethyl)ether	1630	1050		ug/Kg		65	45 - 120
Bis(2-ethylhexyl) phthalate	1630	1490		ug/Kg		92	61 - 133
Butyl benzyl phthalate	1630	1540		ug/Kg		95	61 - 129
Caprolactam	3250	2940		ug/Kg		90	47 - 120
Carbazole	1630	1470		ug/Kg		91	65 - 120
Chrysene	1630	1460		ug/Kg		90	64 - 120
Di-n-butyl phthalate	1630	1570		ug/Kg		97	58 - 130
Di-n-octyl phthalate	1630	1520		ug/Kg		94	57 - 133
Dibenz(a,h)anthracene	1630	1560		ug/Kg		96	54 - 132
Dibenzofuran	1630	1280		ug/Kg		78	63 - 120
Diethyl phthalate	1630	1430		ug/Kg		88	66 - 120
Dimethyl phthalate	1630	1370		ug/Kg		84	65 - 124
Fluoranthene	1630	1470		ug/Kg		90	62 - 120
Fluorene	1630	1310		ug/Kg		81	63 - 120
Hexachlorobenzene	1630	1430		ug/Kg		88	60 - 120
Hexachlorobutadiene	1630	1080		ug/Kg		66	45 - 120
Hexachlorocyclopentadiene	1630	797		ug/Kg		49	47 - 120
Hexachloroethane	1630	932		ug/Kg		57	41 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-641087/2-A
Matrix: Solid
Analysis Batch: 641138

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641087

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Indeno[1,2,3-cd]pyrene	1630	1500		ug/Kg		92	56 - 134
Isophorone	1630	1180		ug/Kg		72	56 - 120
N-Nitrosodi-n-propylamine	1630	1110		ug/Kg		68	52 - 120
Naphthalene	1630	1130		ug/Kg		69	55 - 120
Nitrobenzene	1630	1150		ug/Kg		71	54 - 120
Pentachlorophenol	3250	2770		ug/Kg		85	51 - 120
Phenanthrene	1630	1410		ug/Kg		87	60 - 120
Phenol	1630	1170		ug/Kg		72	53 - 120
Pyrene	1630	1470		ug/Kg		90	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*89*		*54 - 120*
2-Fluorobiphenyl	*74*		*60 - 120*
2-Fluorophenol	*67*		*52 - 120*
Nitrobenzene-d5	*70*		*53 - 120*
p-Terphenyl-d14	*92*		*79 - 130*
Phenol-d5	*70*		*54 - 120*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-641258/1-A
Matrix: Solid
Analysis Batch: 641296

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641258

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.497	J	1.7	0.32	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
4,4'-DDE	ND		1.7	0.35	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
4,4'-DDT	ND		1.7	0.39	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
Aldrin	ND		1.7	0.41	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
alpha-BHC	ND		1.7	0.30	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
cis-Chlordane	ND		1.7	0.82	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
beta-BHC	ND		1.7	0.30	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
delta-BHC	ND		1.7	0.31	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
Dieldrin	ND		1.7	0.40	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
Endosulfan I	ND		1.7	0.32	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
Endosulfan II	ND		1.7	0.30	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
Endosulfan sulfate	ND		1.7	0.31	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
Endrin	ND		1.7	0.33	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
Endrin aldehyde	1.87		1.7	0.42	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
Endrin ketone	ND		1.7	0.41	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
gamma-BHC (Lindane)	ND		1.7	0.30	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
trans-Chlordane	ND		1.7	0.52	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
Heptachlor	ND		1.7	0.36	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
Heptachlor epoxide	ND		1.7	0.43	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
Methoxychlor	ND		1.7	0.34	ug/Kg		09/13/22 16:09	09/14/22 08:41	1
Toxaphene	ND		17	9.6	ug/Kg		09/13/22 16:09	09/14/22 08:41	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 480-641258/1-A
Matrix: Solid
Analysis Batch: 641296

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641258

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	78		45 - 120	09/13/22 16:09	09/14/22 08:41	1
DCB Decachlorobiphenyl	96		45 - 120	09/13/22 16:09	09/14/22 08:41	1
Tetrachloro-m-xylene	61		30 - 124	09/13/22 16:09	09/14/22 08:41	1
Tetrachloro-m-xylene	62		30 - 124	09/13/22 16:09	09/14/22 08:41	1

Lab Sample ID: LCS 480-641258/2-A
Matrix: Solid
Analysis Batch: 641296

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641258

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	16.4	14.1		ug/Kg		86	56 - 120
4,4'-DDE	16.4	13.8		ug/Kg		84	44 - 120
4,4'-DDT	16.4	15.9		ug/Kg		97	38 - 120
Aldrin	16.4	12.1		ug/Kg		74	38 - 120
alpha-BHC	16.4	11.4		ug/Kg		70	39 - 120
cis-Chlordane	16.4	13.3		ug/Kg		81	47 - 120
beta-BHC	16.4	13.4		ug/Kg		82	40 - 120
delta-BHC	16.4	12.6		ug/Kg		77	45 - 120
Dieldrin	16.4	13.5		ug/Kg		83	58 - 120
Endosulfan I	16.4	13.1		ug/Kg		80	49 - 120
Endosulfan II	16.4	13.3		ug/Kg		81	55 - 120
Endosulfan sulfate	16.4	13.8		ug/Kg		85	49 - 124
Endrin	16.4	13.8		ug/Kg		85	58 - 120
Endrin aldehyde	16.4	21.5	*+	ug/Kg		132	37 - 121
Endrin ketone	16.4	15.6		ug/Kg		95	46 - 123
gamma-BHC (Lindane)	16.4	13.7		ug/Kg		83	50 - 120
trans-Chlordane	16.4	13.4		ug/Kg		82	48 - 120
Heptachlor	16.4	13.4		ug/Kg		82	50 - 120
Heptachlor epoxide	16.4	13.4		ug/Kg		82	50 - 120
Methoxychlor	16.4	16.8		ug/Kg		103	58 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	80		45 - 120
DCB Decachlorobiphenyl	98		45 - 120
Tetrachloro-m-xylene	65		30 - 124
Tetrachloro-m-xylene	65		30 - 124

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-641490/1-A
Matrix: Solid
Analysis Batch: 641637

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641490

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.23	0.046	mg/Kg		09/15/22 08:29	09/15/22 19:49	1
PCB-1221	ND		0.23	0.046	mg/Kg		09/15/22 08:29	09/15/22 19:49	1
PCB-1232	ND		0.23	0.046	mg/Kg		09/15/22 08:29	09/15/22 19:49	1
PCB-1242	ND		0.23	0.046	mg/Kg		09/15/22 08:29	09/15/22 19:49	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 480-641490/1-A
Matrix: Solid
Analysis Batch: 641637

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641490

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	ND		0.23	0.046	mg/Kg		09/15/22 08:29	09/15/22 19:49	1
PCB-1254	ND		0.23	0.11	mg/Kg		09/15/22 08:29	09/15/22 19:49	1
PCB-1260	ND		0.23	0.11	mg/Kg		09/15/22 08:29	09/15/22 19:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*60 - 154*	*09/15/22 08:29*	*09/15/22 19:49*	*1*
Tetrachloro-m-xylene	*98*		*60 - 154*	*09/15/22 08:29*	*09/15/22 19:49*	*1*
DCB Decachlorobiphenyl	*100*		*65 - 174*	*09/15/22 08:29*	*09/15/22 19:49*	*1*
DCB Decachlorobiphenyl	*108*		*65 - 174*	*09/15/22 08:29*	*09/15/22 19:49*	*1*

Lab Sample ID: LCS 480-641490/2-A
Matrix: Solid
Analysis Batch: 641637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641490

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	1.79	2.52		mg/Kg		141	51 - 185
PCB-1260	1.79	2.47		mg/Kg		138	61 - 184

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*119*		*60 - 154*
Tetrachloro-m-xylene	*129*		*60 - 154*
DCB Decachlorobiphenyl	*108*		*65 - 174*
DCB Decachlorobiphenyl	*130*		*65 - 174*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 480-641476/1-A
Matrix: Solid
Analysis Batch: 642056

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641476

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		17	5.3	ug/Kg		09/15/22 06:58	09/20/22 14:19	1
Silvex (2,4,5-TP)	ND		17	6.0	ug/Kg		09/15/22 06:58	09/20/22 14:19	1
2,4-D	ND		17	10	ug/Kg		09/15/22 06:58	09/20/22 14:19	1
Dichlorprop	ND		17	8.3	ug/Kg		09/15/22 06:58	09/20/22 14:19	1
Pentachlorophenol	ND		17	5.4	ug/Kg		09/15/22 06:58	09/20/22 14:19	1
Picloram	ND		17	7.1	ug/Kg		09/15/22 06:58	09/20/22 14:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*83*		*28 - 129*	*09/15/22 06:58*	*09/20/22 14:19*	*1*
2,4-Dichlorophenylacetic acid	*78*		*28 - 129*	*09/15/22 06:58*	*09/20/22 14:19*	*1*

Lab Sample ID: LCS 480-641476/2-A
Matrix: Solid
Analysis Batch: 642056

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641476

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	65.8	49.8		ug/Kg		76	41 - 120

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCS 480-641476/2-A
Matrix: Solid
Analysis Batch: 642056

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641476

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silvex (2,4,5-TP)	65.8	50.8		ug/Kg		77	39 - 125
2,4-D	65.8	51.7		ug/Kg		79	40 - 120
Dichlorprop	65.8	59.2		ug/Kg		90	34 - 121
Pentachlorophenol	65.8	10.8	J	ug/Kg		16	10 - 120
Picloram	65.8	46.4		ug/Kg		70	22 - 149

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*100*		*28 - 129*
2,4-Dichlorophenylacetic acid	*79*		*28 - 129*

Method: 537 (Modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 410-295073/1-B
Matrix: Solid
Analysis Batch: 296016

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 295073

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.20	0.019	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluoroheptanoic acid	ND		0.20	0.024	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluorooctanoic acid	ND		0.20	0.022	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluorononanoic acid	ND		0.20	0.023	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluorodecanoic acid	ND		0.20	0.024	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluorotridecanoic acid	ND		0.20	0.021	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluorotetradecanoic acid	ND		0.20	0.024	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluorobutanesulfonic acid	ND		0.40	0.36	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluorohexanesulfonic acid	ND		0.20	0.019	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluorooctanesulfonic acid	ND		0.20	0.035	ng/g		09/12/22 17:10	09/15/22 05:40	1
NEtFOSAA	ND		0.20	0.022	ng/g		09/12/22 17:10	09/15/22 05:40	1
NMeFOSAA	ND		0.20	0.031	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluoroheptanesulfonic acid	ND		0.20	0.020	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluorodecanesulfonic acid	ND		0.20	0.021	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluorooctanesulfonamide	ND		0.20	0.021	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluorobutanoic acid	ND		0.20	0.024	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluoroundecanoic acid	ND		0.20	0.056	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluorododecanoic acid	ND		0.20	0.023	ng/g		09/12/22 17:10	09/15/22 05:40	1
6:2 Fluorotelomer sulfonic acid	ND		0.20	0.049	ng/g		09/12/22 17:10	09/15/22 05:40	1
8:2 Fluorotelomer sulfonic acid	ND		0.20	0.017	ng/g		09/12/22 17:10	09/15/22 05:40	1
Perfluoropentanoic acid	ND		0.20	0.024	ng/g		09/12/22 17:10	09/15/22 05:40	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-8:2 FTS	*148*		*15 - 200*	*09/12/22 17:10*	*09/15/22 05:40*	*1*
M2-6:2 FTS	*125*		*10 - 200*	*09/12/22 17:10*	*09/15/22 05:40*	*1*
13C5 PFHxA	*106*		*10 - 174*	*09/12/22 17:10*	*09/15/22 05:40*	*1*
13C4 PFHpA	*108*		*10 - 178*	*09/12/22 17:10*	*09/15/22 05:40*	*1*
13C8 PFOA	*106*		*26 - 159*	*09/12/22 17:10*	*09/15/22 05:40*	*1*
13C9 PFNA	*120*		*26 - 165*	*09/12/22 17:10*	*09/15/22 05:40*	*1*
13C6 PFDA	*112*		*26 - 161*	*09/12/22 17:10*	*09/15/22 05:40*	*1*
13C7 PFUnA	*116*		*12 - 173*	*09/12/22 17:10*	*09/15/22 05:40*	*1*
13C2-PFDoDA	*120*		*11 - 166*	*09/12/22 17:10*	*09/15/22 05:40*	*1*

Method: 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: MB 410-295073/1-B
Matrix: Solid
Analysis Batch: 296016

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 295073

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFTeDA	111		10 - 169	09/12/22 17:10	09/15/22 05:40	1
13C3 PFBS	123		27 - 179	09/12/22 17:10	09/15/22 05:40	1
13C3 PFHxS	124		24 - 171	09/12/22 17:10	09/15/22 05:40	1
13C8 PFOS	127		41 - 154	09/12/22 17:10	09/15/22 05:40	1
d3-NMeFOSAA	84		10 - 178	09/12/22 17:10	09/15/22 05:40	1
d5-NEtFOSAA	98		10 - 193	09/12/22 17:10	09/15/22 05:40	1
13C8 FOSA	90		14 - 163	09/12/22 17:10	09/15/22 05:40	1
13C4 PFBA	101		28 - 153	09/12/22 17:10	09/15/22 05:40	1
13C5 PFPeA	106		24 - 161	09/12/22 17:10	09/15/22 05:40	1

Lab Sample ID: LCS 410-295073/2-B
Matrix: Solid
Analysis Batch: 296016

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 295073

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorohexanoic acid	2.50	1.73		ng/g		69	59 - 132
Perfluoroheptanoic acid	2.50	1.83		ng/g		73	59 - 137
Perfluorooctanoic acid	2.50	1.78		ng/g		71	59 - 131
Perfluorononanoic acid	2.50	1.70		ng/g		68	61 - 134
Perfluorodecanoic acid	2.50	1.80		ng/g		72	56 - 133
Perfluorotridecanoic acid	2.50	1.75		ng/g		70	53 - 143
Perfluorotetradecanoic acid	2.50	1.81		ng/g		72	62 - 134
Perfluorobutanesulfonic acid	2.21	1.57		ng/g		71	54 - 130
Perfluorohexanesulfonic acid	2.28	1.55		ng/g		68	59 - 129
Perfluorooctanesulfonic acid	2.31	1.55		ng/g		67	61 - 126
NEtFOSAA	2.50	1.87		ng/g		75	57 - 127
NMeFOSAA	2.50	1.79		ng/g		72	60 - 134
Perfluoroheptanesulfonic acid	2.38	1.71		ng/g		72	59 - 132
Perfluorodecanesulfonic acid	2.41	1.60		ng/g		66	57 - 132
Perfluorooctanesulfonamide	2.50	1.89		ng/g		76	47 - 149
Perfluorobutanoic acid	2.50	1.75		ng/g		70	60 - 128
Perfluoroundecanoic acid	2.50	1.62		ng/g		65	60 - 134
Perfluorododecanoic acid	2.50	1.71		ng/g		68	60 - 135
6:2 Fluorotelomer sulfonic acid	2.37	1.62		ng/g		68	59 - 135
8:2 Fluorotelomer sulfonic acid	2.40	1.57		ng/g		66	55 - 133
Perfluoropentanoic acid	2.50	1.77		ng/g		71	58 - 134

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-8:2 FTS	110		15 - 200
M2-6:2 FTS	109		10 - 200
13C5 PFHxA	88		10 - 174
13C4 PFHpA	86		10 - 178
13C8 PFOA	96		26 - 159
13C9 PFNA	107		26 - 165
13C6 PFDA	93		26 - 161
13C7 PFUnA	108		12 - 173
13C2-PFDoDA	100		11 - 166
13C2 PFTeDA	96		10 - 169
13C3 PFBS	119		27 - 179

Method: 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 410-295073/2-B
Matrix: Solid
Analysis Batch: 296016

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 295073

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C3 PFHxS	*103*		*24 - 171*
13C8 PFOS	*113*		*41 - 154*
d3-NMeFOSAA	*75*		*10 - 178*
d5-NEtFOSAA	*79*		*10 - 193*
13C8 FOSA	*73*		*14 - 163*
13C4 PFBA	*91*		*28 - 153*
13C5 PFPeA	*97*		*24 - 161*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-641525/1-A
Matrix: Solid
Analysis Batch: 641890

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641525

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		10.1	4.4	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Antimony	ND		15.1	0.40	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Arsenic	ND		2.0	0.40	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Barium	ND		0.50	0.11	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Beryllium	ND		0.20	0.028	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Cadmium	ND		0.20	0.030	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Calcium	7.68	J	50.3	3.3	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Chromium	ND		0.50	0.20	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Cobalt	ND		0.50	0.050	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Copper	ND		1.0	0.21	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Iron	ND		10.1	3.5	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Lead	ND		1.0	0.24	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Magnesium	2.00	J	20.1	0.93	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Manganese	0.0493	J	0.20	0.032	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Nickel	ND		5.0	0.23	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Potassium	ND		30.2	20.1	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Selenium	ND		4.0	0.40	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Silver	ND		0.60	0.20	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Sodium	ND		141	13.1	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Thallium	ND		6.0	0.30	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Vanadium	ND		0.50	0.11	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Zinc	ND		2.0	0.64	mg/Kg		09/15/22 11:25	09/16/22 13:33	1

Lab Sample ID: LCDSRM 480-641525/3-A
Matrix: Solid
Analysis Batch: 641890

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 641525

Analyte			Spike Added	LCDSRM Result	LCDSRM Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			8630	9886		mg/Kg		114.6	50.6 - 149.5	1	20
Antimony			129	79.03		mg/Kg		61.3	19.8 - 250.4	3	20
Arsenic			84.5	75.16		mg/Kg		88.9	70.1 - 130.2	1	20

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCDSRM 480-641525/3-A
Matrix: Solid
Analysis Batch: 641890

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 641525

Analyte	Spike Added	LCDSRM Result	LCDSRM Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium	249	218.6		mg/Kg		87.8	75.1 - 124.9	0	20
Beryllium	163	136.6		mg/Kg		83.8	74.8 - 125.2	0	20
Cadmium	99.0	85.62		mg/Kg		86.5	74.9 - 125.3	1	20
Calcium	4760	4229		mg/Kg		88.8	72.7 - 127.5	3	20
Chromium	122	106.4		mg/Kg		87.2	70.2 - 130.3	1	20
Cobalt	61.7	62.92		mg/Kg		102.0	75.0 - 125.1	1	20
Copper	61.5	55.76		mg/Kg		90.7	75.0 - 124.9	2	20
Iron	14500	13470		mg/Kg		92.9	35.8 - 164.1	5	20
Lead	123	125.5		mg/Kg		102.0	71.8 - 128.5	3	20
Magnesium	2360	2296		mg/Kg		97.3	62.7 - 137.7	1	20
Manganese	456	420.4		mg/Kg		92.2	76.8 - 123.5	0	20
Nickel	135	136.1		mg/Kg		100.8	70.1 - 130.4	2	20
Potassium	2090	2297		mg/Kg		109.9	59.3 - 140.7	1	20
Selenium	121	104.9		mg/Kg		86.7	66.4 - 133.9	0	20
Silver	33.6	37.44		mg/Kg		111.4	68.5 - 131.3	2	20
Sodium	136	154.9		mg/Kg		113.9	35.4 - 164.0	2	20
Thallium	144	150.8		mg/Kg		104.7	70.1 - 129.9	1	20
Vanadium	186	168.7		mg/Kg		90.7	74.2 - 126.3	1	20
Zinc	295	258.5		mg/Kg		87.6	70.2 - 130.2	0	20

Lab Sample ID: LCSSRM 480-641525/2-A
Matrix: Solid
Analysis Batch: 641890

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641525

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	8630	9983		mg/Kg		115.7	50.6 - 149.5
Antimony	129	81.48		mg/Kg		63.2	19.8 - 250.4
Arsenic	84.5	76.06		mg/Kg		90.0	70.1 - 130.2
Barium	249	219.0		mg/Kg		88.0	75.1 - 124.9
Beryllium	163	137.3		mg/Kg		84.2	74.8 - 125.2

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-641525/2-A
Matrix: Solid
Analysis Batch: 641890

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641525

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	99.0	85.11		mg/Kg		86.0	74.9 - 125.3
Calcium	4760	4375		mg/Kg		91.9	72.7 - 127.5
Chromium	122	107.7		mg/Kg		88.3	70.2 - 130.3
Cobalt	61.7	63.72		mg/Kg		103.3	75.0 - 125.1
Copper	61.5	54.78		mg/Kg		89.1	75.0 - 124.9
Iron	14500	14120		mg/Kg		97.4	35.8 - 164.1
Lead	123	128.7		mg/Kg		104.6	71.8 - 128.5
Magnesium	2360	2323		mg/Kg		98.4	62.7 - 137.7
Manganese	456	421.6		mg/Kg		92.5	76.8 - 123.5
Nickel	135	138.9		mg/Kg		102.9	70.1 - 130.4
Potassium	2090	2277		mg/Kg		109.0	59.3 - 140.7
Selenium	121	105.0		mg/Kg		86.8	66.4 - 133.9
Silver	33.6	38.02		mg/Kg		113.2	68.5 - 131.3
Sodium	136	158.6		mg/Kg		116.6	35.4 - 164.0
Thallium	144	153.1		mg/Kg		106.3	70.1 - 129.9
Vanadium	186	170.7		mg/Kg		91.8	74.2 - 126.3
Zinc	295	258.7		mg/Kg		87.7	70.2 - 130.2

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-641094/1-A
Matrix: Solid
Analysis Batch: 641249

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641094

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0047	mg/Kg		09/13/22 11:26	09/13/22 14:40	1

Lab Sample ID: LCSSRM 480-641094/2-A ^10
Matrix: Solid
Analysis Batch: 641249

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641094

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	18.9	17.58		mg/Kg		93.0	59.8 - 139.7

QC Association Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201432-1

GC/MS VOA

Prep Batch: 640947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201432-3	SB-30 (5-8)	Total/NA	Solid	5035A_L	
480-201432-4	SB-31 (14-15`)	Total/NA	Solid	5035A_L	
MB 480-640947/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-640947/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 640948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201432-3	SB-30 (5-8)	Total/NA	Solid	8260C	640947
480-201432-4	SB-31 (14-15`)	Total/NA	Solid	8260C	640947
MB 480-640947/2-A	Method Blank	Total/NA	Solid	8260C	640947
LCS 480-640947/1-A	Lab Control Sample	Total/NA	Solid	8260C	640947

GC/MS Semi VOA

Prep Batch: 641087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201432-1	SB-23 (8-10)	Total/NA	Solid	3550C	
480-201432-2	SB-24 (6-7)	Total/NA	Solid	3550C	
480-201432-3	SB-30 (5-8)	Total/NA	Solid	3550C	
480-201432-4	SB-31 (14-15`)	Total/NA	Solid	3550C	
MB 480-641087/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-641087/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 641138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201432-1	SB-23 (8-10)	Total/NA	Solid	8270D	641087
480-201432-2	SB-24 (6-7)	Total/NA	Solid	8270D	641087
480-201432-3	SB-30 (5-8)	Total/NA	Solid	8270D	641087
480-201432-4	SB-31 (14-15`)	Total/NA	Solid	8270D	641087
MB 480-641087/1-A	Method Blank	Total/NA	Solid	8270D	641087
LCS 480-641087/2-A	Lab Control Sample	Total/NA	Solid	8270D	641087

GC Semi VOA

Prep Batch: 641258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201432-3	SB-30 (5-8)	Total/NA	Solid	3550C	
MB 480-641258/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-641258/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 641296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201432-3	SB-30 (5-8)	Total/NA	Solid	8081B	641258
MB 480-641258/1-A	Method Blank	Total/NA	Solid	8081B	641258
LCS 480-641258/2-A	Lab Control Sample	Total/NA	Solid	8081B	641258

Prep Batch: 641476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201432-3	SB-30 (5-8)	Total/NA	Solid	8151A	
MB 480-641476/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 480-641476/2-A	Lab Control Sample	Total/NA	Solid	8151A	

GC Semi VOA

Prep Batch: 641490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201432-3	SB-30 (5-8)	Total/NA	Solid	3550C	
MB 480-641490/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-641490/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 641637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201432-3	SB-30 (5-8)	Total/NA	Solid	8082A	641490
MB 480-641490/1-A	Method Blank	Total/NA	Solid	8082A	641490
LCS 480-641490/2-A	Lab Control Sample	Total/NA	Solid	8082A	641490

Analysis Batch: 642056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201432-3	SB-30 (5-8)	Total/NA	Solid	8151A	641476
MB 480-641476/1-A	Method Blank	Total/NA	Solid	8151A	641476
LCS 480-641476/2-A	Lab Control Sample	Total/NA	Solid	8151A	641476

LCMS

Prep Batch: 295073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201432-3	SB-30 (5-8)	Total/NA	Solid	SHAKE	
MB 410-295073/1-B	Method Blank	Total/NA	Solid	SHAKE	
LCS 410-295073/2-B	Lab Control Sample	Total/NA	Solid	SHAKE	

Cleanup Batch: 295559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201432-3	SB-30 (5-8)	Total/NA	Solid	Extract Aliquot	295073
MB 410-295073/1-B	Method Blank	Total/NA	Solid	Extract Aliquot	295073
LCS 410-295073/2-B	Lab Control Sample	Total/NA	Solid	Extract Aliquot	295073

Analysis Batch: 296016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201432-3	SB-30 (5-8)	Total/NA	Solid	537 (Modified)	295559
MB 410-295073/1-B	Method Blank	Total/NA	Solid	537 (Modified)	295559
LCS 410-295073/2-B	Lab Control Sample	Total/NA	Solid	537 (Modified)	295559

Metals

Prep Batch: 641094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201432-1	SB-23 (8-10)	Total/NA	Solid	7471B	
480-201432-2	SB-24 (6-7)	Total/NA	Solid	7471B	
480-201432-3	SB-30 (5-8)	Total/NA	Solid	7471B	
480-201432-4	SB-31 (14-15`)	Total/NA	Solid	7471B	
MB 480-641094/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-641094/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 641249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201432-1	SB-23 (8-10)	Total/NA	Solid	7471B	641094
480-201432-2	SB-24 (6-7)	Total/NA	Solid	7471B	641094
480-201432-3	SB-30 (5-8)	Total/NA	Solid	7471B	641094

Metals (Continued)

Analysis Batch: 641249 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201432-4	SB-31 (14-15`)	Total/NA	Solid	7471B	641094
MB 480-641094/1-A	Method Blank	Total/NA	Solid	7471B	641094
LCSSRM 480-641094/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	641094

Prep Batch: 641525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201432-1	SB-23 (8-10)	Total/NA	Solid	3050B	
480-201432-2	SB-24 (6-7)	Total/NA	Solid	3050B	
480-201432-3	SB-30 (5-8)	Total/NA	Solid	3050B	
480-201432-4	SB-31 (14-15`)	Total/NA	Solid	3050B	
MB 480-641525/1-A	Method Blank	Total/NA	Solid	3050B	
LCDSRM 480-641525/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSSRM 480-641525/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 641890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201432-1	SB-23 (8-10)	Total/NA	Solid	6010C	641525
480-201432-2	SB-24 (6-7)	Total/NA	Solid	6010C	641525
480-201432-3	SB-30 (5-8)	Total/NA	Solid	6010C	641525
480-201432-4	SB-31 (14-15`)	Total/NA	Solid	6010C	641525
MB 480-641525/1-A	Method Blank	Total/NA	Solid	6010C	641525
LCDSRM 480-641525/3-A	Lab Control Sample Dup	Total/NA	Solid	6010C	641525
LCSSRM 480-641525/2-A	Lab Control Sample	Total/NA	Solid	6010C	641525

General Chemistry

Analysis Batch: 640894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201432-1	SB-23 (8-10)	Total/NA	Solid	Moisture	
480-201432-2	SB-24 (6-7)	Total/NA	Solid	Moisture	
480-201432-3	SB-30 (5-8)	Total/NA	Solid	Moisture	
480-201432-4	SB-31 (14-15`)	Total/NA	Solid	Moisture	
480-201432-4 DU	SB-31 (14-15`)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201432-1

Client Sample ID: SB-23 (8-10)
Date Collected: 09/06/22 12:00
Date Received: 09/08/22 15:00

Lab Sample ID: 480-201432-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	640894	KER	EET BUF	09/09/22 15:48

Client Sample ID: SB-23 (8-10)
Date Collected: 09/06/22 12:00
Date Received: 09/08/22 15:00

Lab Sample ID: 480-201432-1
Matrix: Solid
Percent Solids: 81.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			641087	SJM	EET BUF	09/12/22 15:49
Total/NA	Analysis	8270D		1	641138	JMM	EET BUF	09/13/22 18:18
Total/NA	Prep	3050B			641525	VAK	EET BUF	09/15/22 11:25
Total/NA	Analysis	6010C		1	641890	LMH	EET BUF	09/16/22 14:59
Total/NA	Prep	7471B			641094	NVK	EET BUF	09/13/22 11:26
Total/NA	Analysis	7471B		1	641249	NVK	EET BUF	09/13/22 15:12

Client Sample ID: SB-24 (6-7)
Date Collected: 09/06/22 14:00
Date Received: 09/08/22 15:00

Lab Sample ID: 480-201432-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	640894	KER	EET BUF	09/09/22 15:48

Client Sample ID: SB-24 (6-7)
Date Collected: 09/06/22 14:00
Date Received: 09/08/22 15:00

Lab Sample ID: 480-201432-2
Matrix: Solid
Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			641087	SJM	EET BUF	09/12/22 15:49
Total/NA	Analysis	8270D		1	641138	JMM	EET BUF	09/13/22 18:35
Total/NA	Prep	3050B			641525	VAK	EET BUF	09/15/22 11:25
Total/NA	Analysis	6010C		1	641890	LMH	EET BUF	09/16/22 15:03
Total/NA	Prep	7471B			641094	NVK	EET BUF	09/13/22 11:26
Total/NA	Analysis	7471B		1	641249	NVK	EET BUF	09/13/22 15:13

Client Sample ID: SB-30 (5-8)
Date Collected: 09/08/22 09:30
Date Received: 09/08/22 15:00

Lab Sample ID: 480-201432-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	640894	KER	EET BUF	09/09/22 15:48

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201432-1

Client Sample ID: SB-30 (5-8)

Date Collected: 09/08/22 09:30
Date Received: 09/08/22 15:00

Lab Sample ID: 480-201432-3

Matrix: Solid
Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			640947	CDC	EET BUF	09/09/22 09:45
Total/NA	Analysis	8260C		1	640948	CDC	EET BUF	09/11/22 23:29
Total/NA	Prep	3550C			641087	SJM	EET BUF	09/12/22 15:49
Total/NA	Analysis	8270D		1	641138	JMM	EET BUF	09/13/22 18:52
Total/NA	Prep	3550C			641258	SJM	EET BUF	09/13/22 16:09
Total/NA	Analysis	8081B		10	641296	JLS	EET BUF	09/14/22 13:14
Total/NA	Prep	3550C			641490	MS	EET BUF	09/15/22 08:29
Total/NA	Analysis	8082A		1	641637	W1T	EET BUF	09/15/22 21:22
Total/NA	Prep	8151A			641476	SMP	EET BUF	09/15/22 06:58
Total/NA	Analysis	8151A		1	642056	MAN	EET BUF	09/20/22 17:58
Total/NA	Prep	SHAKE			295073	X5YV	ELLE	09/12/22 17:10
Total/NA	Cleanup	Extract Aliquot			295559	X5YV	ELLE	09/13/22 22:35
Total/NA	Analysis	537 (Modified)		1	296016	ZG8V	ELLE	09/15/22 07:20
Total/NA	Prep	3050B			641525	VAK	EET BUF	09/15/22 11:25
Total/NA	Analysis	6010C		1	641890	LMH	EET BUF	09/16/22 15:07
Total/NA	Prep	7471B			641094	NVK	EET BUF	09/13/22 11:26
Total/NA	Analysis	7471B		1	641249	NVK	EET BUF	09/13/22 15:14

Client Sample ID: SB-31 (14-15`)

Date Collected: 09/08/22 11:15
Date Received: 09/08/22 15:00

Lab Sample ID: 480-201432-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	640894	KER	EET BUF	09/09/22 15:48

Client Sample ID: SB-31 (14-15`)

Date Collected: 09/08/22 11:15
Date Received: 09/08/22 15:00

Lab Sample ID: 480-201432-4

Matrix: Solid
Percent Solids: 81.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			640947	CDC	EET BUF	09/09/22 09:45
Total/NA	Analysis	8260C		1	640948	CDC	EET BUF	09/11/22 23:53
Total/NA	Prep	3550C			641087	SJM	EET BUF	09/12/22 15:49
Total/NA	Analysis	8270D		1	641138	JMM	EET BUF	09/13/22 19:09
Total/NA	Prep	3050B			641525	VAK	EET BUF	09/15/22 11:25
Total/NA	Analysis	6010C		1	641890	LMH	EET BUF	09/16/22 15:11
Total/NA	Prep	7471B			641094	NVK	EET BUF	09/13/22 11:26
Total/NA	Analysis	7471B		1	641249	NVK	EET BUF	09/13/22 15:16

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201432-1

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8151A	8151A	Solid	Picloram
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-22
A2LA	ISO/IEC 17025	0001.01	11-30-22
Alaska	State	PA00009	07-01-23
Alaska (UST)	State	17-027	02-28-23
Arizona	State	AZ0780	03-12-23
Arkansas DEQ	State	88-00660	08-09-23
California	State	2792	11-30-22
Colorado	State	PA00009	06-30-23
Connecticut	State	PH-0746	06-30-23
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-23
Delaware (DW)	State	N/A	01-31-23
Florida	NELAP	E87997	06-30-23
Georgia (DW)	State	C048	01-31-23
Hawaii	State	N/A	01-31-23
Illinois	NELAP	200027	01-31-23
Iowa	State	361	03-02-22 *
Kansas	NELAP	E-10151	10-31-22
Kentucky (DW)	State	KY90088	12-31-22
Kentucky (UST)	State	1.01	11-30-22
Kentucky (WW)	State	KY90088	01-01-23
Louisiana	NELAP	02055	06-30-23
Maine	State	2019012	03-12-23
Maryland	State	100	06-30-23
Massachusetts	State	M-PA009	06-30-23
Michigan	State	9930	01-31-23
Minnesota	NELAP	042-999-487	12-31-22
Mississippi	State	022	01-31-23
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-23
Montana (UST)	State	<cert No.>	02-01-23
Nebraska	State	NE-OS-32-17	01-31-23
New Hampshire	NELAP	2730	01-10-23
New Jersey	NELAP	PA011	06-30-23
New York	NELAP	10670	04-01-23
North Carolina (DW)	State	42705	07-31-23
North Carolina (WW/SW)	State	521	12-31-22
North Dakota	State	R-205	01-31-23
Oklahoma	NELAP	R-205	08-31-23

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201432-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	PA200001	09-11-23
PALA	Canada	1978	09-16-24
Pennsylvania	NELAP	36-00037	01-31-23
Rhode Island	State	LAO00338	12-30-22
South Carolina	State	89002	01-31-23
Tennessee	State	02838	01-31-23
Texas	NELAP	T104704194-22-43	08-31-23
USDA	US Federal Programs	P330-19-00197	08-09-23
Vermont	State	VT - 36037	10-28-22
Virginia	NELAP	460182	06-15-23
Washington	State	C457	04-11-23
West Virginia (DW)	State	9906 C	12-31-22
West Virginia DEP	State	055	10-31-22
Wyoming	State	8TMS-L	01-31-23
Wyoming (UST)	A2LA	1.01	11-30-22

Method Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201432-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
8081B	Organochlorine Pesticides (GC)	SW846	EET BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET BUF
8151A	Herbicides (GC)	SW846	EET BUF
537 (Modified)	Fluorinated Alkyl Substances	EPA	ELLE
6010C	Metals (ICP)	SW846	EET BUF
7471B	Mercury (CVAA)	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
3050B	Preparation, Metals	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF
5035A_L	Closed System Purge and Trap	SW846	EET BUF
7471B	Preparation, Mercury	SW846	EET BUF
8151A	Extraction (Herbicides)	SW846	EET BUF
Extract Aliquot	Preparation, Extract Aliquot	None	ELLE
SHAKE	Shake Extraction with Ultrasonic Bath Extraction	SW846	ELLE

Protocol References:

EPA = US Environmental Protection Agency

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201432-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-201432-1	SB-23 (8-10)	Solid	09/06/22 12:00	09/08/22 15:00
480-201432-2	SB-24 (6-7)	Solid	09/06/22 14:00	09/08/22 15:00
480-201432-3	SB-30 (5-8)	Solid	09/08/22 09:30	09/08/22 15:00
480-201432-4	SB-31 (14-15`)	Solid	09/08/22 11:15	09/08/22 15:00

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: A. Koons	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-176962-37963.7
Client Contact: Adam Zebrowski	Phone: 716 417.9150	E-Mail: Brian.Fischer@et.eurofinsus.com	State of Origin:	Page: Page 7 of 7
Company: LaBella Associates DPC	PWSID:			Job #:
Address: 300 Pearl Street Suite 130	Due Date Requested:			
City: Buffalo	TAT Requested (days):			
State, Zip: NY, 14202	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: azebrowski@labellapc.com, ajanike@labellapc.com, akoons@labellapc.com	WO #:			
Project Name: 145 Ganson Street	Project #: 48025563			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) TCL list OLM04.2	6010C, 7471B, 8270D	PFC_IDA - NY 21 PFAS	8081B, 8082A, 8151A	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N		
SB-23 (8-10)	9/6/22	1200	C	Solid				X				
SB-24 (6-7)	9/6/22	1400	C	Solid				X				
SB-30 (5-8)	9/6/22	0930	C	Solid			X	X	X	X		
SB-31 (14-15')	9/8/22	1115	C	Solid			X	X				
				Solid								
				Solid								
				Solid								
				Solid								

480-201432 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	9/8/22 1550	LaBella		9-8-22 1500	TAK
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 2.8 ICE

Ver: 06/08/2021

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-74976.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Brian.Fischer@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-201432-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 9/19/2022			
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: 145 Ganson Street	Project #: 48025563			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC_IDA_NY/Shake_Bath_14D NY 21 PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
SB-30 (5-8) (480-201432-3)	9/6/22	09:30 Eastern		Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	9-9-22 1800	TAB		9/10/22 1013	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.9

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-201432-1

Login Number: 201432
List Number: 1
Creator: Yeager, Brian A

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	FREEZE TIME 9-9-22 9:45
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	labella
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-201432-1

Login Number: 201432
List Number: 2
Creator: McBeth, Jessica

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 09/10/22 11:34 AM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Andy Janik
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Generated 3/13/2023 10:48:40 AM Revision 1

JOB DESCRIPTION

145 Ganson Street

JOB NUMBER

480-202112-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Eurofins Buffalo

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Buffalo and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Buffalo Project Manager or designee who has signed this report.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



Generated
3/13/2023 10:48:40 AM
Revision 1

Authorized for release by
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@et.eurofinsus.com
Designee for
Brian Fischer, Manager of Project Management
Brian.Fischer@et.eurofinsus.com
(716)504-9835

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Detection Summary 9
Client Sample Results 29
Surrogate Summary 133
Isotope Dilution Summary 136
QC Sample Results 138
QC Association Summary 177
Lab Chronicle 187
Certification Summary 200
Method Summary 202
Sample Summary 203
Chain of Custody 204
Receipt Checklists 209

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
H	Sample was prepped or analyzed beyond the specified holding time
H3	Sample was received and analyzed past holding time.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
vs	Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A-L low-level specifications.

GC/MS VOA TICs

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
H3	Sample was received and analyzed past holding time.
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

LCMS

Qualifier	Qualifier Description
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits

Qualifiers (Continued)

Metals (Continued)

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 480-202112-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-202112-1

Revision
This report has been revised to correct the sample ID on sample 9.

Receipt
The samples were received on 9/28/2022 2:30 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 18.0º C.

Receipt Exceptions
Insufficient sample volume was provided for the following sample(s) for the 8260 analysis: The lab did not receive TCORE vials for the requested 8260 testing. Method was added and placed ON HOLD pending CLIENT/ PM resolution: . TP-11 4-5' (480-202112-15), TP-9 3-4 (480-202112-18), TP-9 3-4 (480-202112-18[MS]), TP-9 3-4 (480-202112-18[MSD]) and TP-2 2-3' (480-202112-24).

GC/MS VOA
Method 8260C: The following sample was preserved via freezing on 9/28/2022 at 16:30: TP-22 2-3' (480-202112-3) . This is outside the 48 hour time frame required by the method.

Method 8260C: Internal standard and surrogate responses for the following samples were outside control limits: TP-9 3-4 (480-202112-18), TP-9 3-4 (480-202112-18[MS]) and TP-9 3-4 (480-202112-18[MSD]). The parent sample, matrix spike, and matrix spike duplicate confirmed responses outside control limits.

Method 8260C: The following sample was preserved via freezing on 9/28/2022 at 16:30: TP-24 3-5' (480-202112-1) . This is outside the 48 hour time frame required by the method.

Method 8260C: Internal standard and/or surrogate responses for the following sample were outside control limits: TP-18 4-5' (480-202112-7), DUP-1 (480-202112-8), TP-11 4-5' (480-202112-15), TP-2 2-3' (480-202112-24), (480-202112-B-24-C MS) and (480-202112-B-24-D MSD). The samples were re-analyzed and responses were outside control limits.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-643625 recovered above the upper control limit for Chloromethane, Cyclohexane and Vinyl chloride. The sample(s) associated with this CCV were non-detects above the reporting limit for the affected analytes; therefore, the data have been reported. The associated samples are impacted: TP-24 3-5' (480-202112-1), TP-18 4-5' (480-202112-7), DUP-1 (480-202112-8), TP-11 4-5' (480-202112-15) and TP-2 2-3' (480-202112-24).

Method 8260C: Due to the high concentration of Acetone, the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 480-643623 and analytical batch 480-643625 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria. The associated samples are: (480-202112-B-24-C MS) and (480-202112-B-24-D MSD).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270D: The following samples were diluted due to color, appearance, and viscosity: TP-20 3-4' (480-202112-5), TP-17 3-4' (480-202112-9), TP-16 3-4' (480-202112-10), TP-15 3-4' (480-202112-11), TP-13 2-3' (480-202112-13), TP-12 3-4' (480-202112-14), TP-11 4-5' (480-202112-15), TP-8 4-5' (480-202112-16), TP-10 4-5' (480-202112-17), TP-9 3-4 (480-202112-18), TP-9 3-4 (480-202112-18[MS]), TP-9 3-4 (480-202112-18[MSD]), TP-7 1-2' (480-202112-19) and TP-6 2-3' (480-202112-20). Elevated reporting limits (RL) are provided.

Method 8270D: The following samples were diluted due to the nature of the sample matrix: TP-9 3-4 (480-202112-18[MS]) and TP-9 3-4 (480-202112-18[MSD]). Because of this dilution, the surrogate spike and matrix spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270D: The following samples required a dilution due to the nature of the sample matrix: TP-20 3-4' (480-202112-5) and TP-9 3-4 (480-202112-18). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Job ID: 480-202112-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

Method 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: TP-24 3-5' (480-202112-1), TP-23 2-3' (480-202112-2), TP-15 3-4' (480-202112-11), TP-12 3-4' (480-202112-14) and TP-6 2-3' (480-202112-20). These results have been reported and qualified.

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-643562 recovered outside acceptance criteria, low biased, for Bis(2-ethylhexyl) phthalate, Butyl benzyl phthalate and Di-n-octyl phthalate. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-643562 recovered above the upper control limit for Hexachlorobutadiene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: TP-24 3-5' (480-202112-1), TP-23 2-3' (480-202112-2), TP-22 2-3' (480-202112-3), TP-21 3-4' (480-202112-4), TP-20 3-4' (480-202112-5), TP-19 4-5' (480-202112-6), TP-18 4-5' (480-202112-7), DUP-1 (480-202112-8), TP-17 3-4' (480-202112-9), TP-16 3-4' (480-202112-10), TP-15 3-4' (480-202112-11), TP-14 4-5' (480-202112-12), TP-13 2-3' (480-202112-13), TP-12 3-4' (480-202112-14), TP-11 4-5' (480-202112-15), TP-8 4-5' (480-202112-16), TP-10 4-5' (480-202112-17), TP-9 3-4 (480-202112-18), TP-7 1-2' (480-202112-19) and TP-6 2-3' (480-202112-20).

Method 8270D: The following samples were diluted due to color appearance, and viscosity: TP-5 4-5' (480-202112-21), TP-4 2-3' (480-202112-22), TP-3 2-3' (480-202112-23), TP-2 2-3' (480-202112-24) and TP-1 2-3' (480-202112-25). Elevated reporting limits (RL) are provided.

Method 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: (MB 480-643391/1-A). These results have been reported and qualified.

Method 8270D: Surrogate recovery for the following sample was outside the upper control limit: TP-22 2-3' (480-202112-3). This sample did not contain any target analytes above the reporting limit; therefore, re-extraction and/or re-analysis was not performed.

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-643681 recovered above the upper control limit for 4-Chlorophenyl phenyl ether and Hexachlorobutadiene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: TP-6 2-3' (480-202112-20).

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-643681 recovered outside acceptance criteria, low biased, for Butyl benzyl phthalate. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8270D: The following sample was diluted to bring the concentration of target analytes within the calibration range: TP-6 2-3' (480-202112-20). Elevated reporting limits (RLs) are provided.

Method 8270D: The following sample required a dilution due to the abundance of target analytes: TP-6 2-3' (480-202112-20). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8081B: The following samples were diluted due to the nature of the sample matrix: TP-24 3-5' (480-202112-1), TP-15 3-4' (480-202112-11), TP-11 4-5' (480-202112-15), TP-9 3-4 (480-202112-18) and TP-2 2-3' (480-202112-24). As such, surrogate recoveries are below the calibration range, estimated and not representative. Elevated reporting limits (RLs) are provided.

Method 8081B: The following samples were diluted due to the nature of the sample matrix: TP-9 3-4 (480-202112-18[MS]) and TP-9 3-4 (480-202112-18[MSD]). As such, spike and surrogate recoveries are below the calibration range, estimated and not representative. Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Job ID: 480-202112-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

Metals
Method 6010C: The serial dilution (480-202112-A-23-A SD) associated with batch 480-643705, exhibited results outside the quality control limits for Total Barium. However, the post digestion spike (PDS) was compliant, therefore no corrective action was necessary.

Method 6010C: The recovery of post spike, (480-202112-A-23-A PDS), associated with batch 480-643705, exhibited results outside quality control limits for Total Calcium and Iron. However, the serial dilution (SD) of this sample was compliant, therefore no corrective action was necessary.

Method 6010C: The serial dilution and post spike (480-202112-C-18-A PDS) and (480-202112-C-18-A SD), associated with batch 480-643306, exceeded the quality control limits for Total Barium and Zinc. Sample matrix is suspected, therefore, no corrective action was necessary.

Method 6010C: The serial dilution (480-202112-C-18-A SD) associated with batch 480-643712, exhibited results outside the quality control limits for Total Arsenic, Calcium, and Iron. However, the post digestion spike (PDS) was compliant, therefore no corrective action was necessary.

Method 6010C: The recovery of post spike, (480-202112-C-18-A PDS), associated with batch 480-643712, exhibited results outside quality control limits for Total Aluminum, Magnesium, and Lead. However, the serial dilution (SD) of this sample was compliant, therefore no corrective action was necessary.

Method 6010C: The following samples were diluted due to the nature of the sample matrix: TP-22 2-3' (480-202112-3) and TP-14 4-5' (480-202112-12). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

LCMS
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method 3550C: The following samples required a Florisil clean-up, via EPA Method 3620C, to reduce matrix interferences: TP-15 3-4' (480-202112-11), TP-11 4-5' (480-202112-15), TP-9 3-4 (480-202112-18), TP-9 3-4 (480-202112-18[MS]), TP-9 3-4 (480-202112-18[MSD]) and TP-2 2-3' (480-202112-24).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-24 3-5' — Lab Sample ID: 480-202112-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	2.7	J H H3	13	0.97	ug/Kg	1	☼	8260C	Total/NA
Acetone	21	H H3	13	2.2	ug/Kg	1	☼	8260C	Total/NA
Benzo[b]fluoranthene	42	J	200	32	ug/Kg	1	☼	8270D	Total/NA
Chrysene	56	J	200	44	ug/Kg	1	☼	8270D	Total/NA
Diethyl phthalate	210	B	200	26	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	59	J	200	21	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	89	J	200	29	ug/Kg	1	☼	8270D	Total/NA
Perfluorohexanoic acid	0.033	J	0.24	0.023	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorooctanoic acid	0.12	J	0.24	0.026	ng/g	1	☼	537 (Modified)	Total/NA
Aluminum	6020		11.5	5.1	mg/Kg	1	☼	6010C	Total/NA
Antimony	2.0	J	17.3	0.46	mg/Kg	1	☼	6010C	Total/NA
Arsenic	10.7		2.3	0.46	mg/Kg	1	☼	6010C	Total/NA
Barium	59.7		0.58	0.13	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.75		0.23	0.032	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.29		0.23	0.035	mg/Kg	1	☼	6010C	Total/NA
Calcium	20600		57.7	3.8	mg/Kg	1	☼	6010C	Total/NA
Chromium	17.3		0.58	0.23	mg/Kg	1	☼	6010C	Total/NA
Cobalt	8.1		0.58	0.058	mg/Kg	1	☼	6010C	Total/NA
Copper	50.7		1.2	0.24	mg/Kg	1	☼	6010C	Total/NA
Iron	30600		11.5	4.0	mg/Kg	1	☼	6010C	Total/NA
Lead	68.5		1.2	0.28	mg/Kg	1	☼	6010C	Total/NA
Magnesium	3040	B	23.1	1.1	mg/Kg	1	☼	6010C	Total/NA
Manganese	292	B	0.23	0.037	mg/Kg	1	☼	6010C	Total/NA
Nickel	20.4		5.8	0.27	mg/Kg	1	☼	6010C	Total/NA
Potassium	1460		34.6	23.1	mg/Kg	1	☼	6010C	Total/NA
Selenium	2.0	J B	4.6	0.46	mg/Kg	1	☼	6010C	Total/NA
Sodium	276		161	15.0	mg/Kg	1	☼	6010C	Total/NA
Thallium	1.3	J	6.9	0.35	mg/Kg	1	☼	6010C	Total/NA
Vanadium	22.1		0.58	0.13	mg/Kg	1	☼	6010C	Total/NA
Zinc	43.1		2.3	0.74	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.11		0.025	0.0057	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-23 2-3' — Lab Sample ID: 480-202112-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diethyl phthalate	340	B	210	27	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	36	J	210	31	ug/Kg	1	☼	8270D	Total/NA
Aluminum	3340		12.2	5.4	mg/Kg	1	☼	6010C	Total/NA
Antimony	1.3	J	18.3	0.49	mg/Kg	1	☼	6010C	Total/NA
Arsenic	8.2		2.4	0.49	mg/Kg	1	☼	6010C	Total/NA
Barium	87.6		0.61	0.13	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.41		0.24	0.034	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.16	J	0.24	0.037	mg/Kg	1	☼	6010C	Total/NA
Calcium	10600		60.9	4.0	mg/Kg	1	☼	6010C	Total/NA
Chromium	7.5		0.61	0.24	mg/Kg	1	☼	6010C	Total/NA
Cobalt	6.1		0.61	0.061	mg/Kg	1	☼	6010C	Total/NA
Copper	41.1		1.2	0.26	mg/Kg	1	☼	6010C	Total/NA
Iron	25200		12.2	4.3	mg/Kg	1	☼	6010C	Total/NA
Lead	14.5		1.2	0.29	mg/Kg	1	☼	6010C	Total/NA
Magnesium	857	B	24.3	1.1	mg/Kg	1	☼	6010C	Total/NA
Manganese	99.9	B	0.24	0.039	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP-23 2-3' (Continued) — Lab Sample ID: 480-202112-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	18.3		6.1	0.28	mg/Kg	1	☼	6010C	Total/NA
Potassium	674		36.5	24.3	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.5	J B	4.9	0.49	mg/Kg	1	☼	6010C	Total/NA
Sodium	161	J	170	15.8	mg/Kg	1	☼	6010C	Total/NA
Thallium	0.85	J	7.3	0.37	mg/Kg	1	☼	6010C	Total/NA
Vanadium	14.7		0.61	0.13	mg/Kg	1	☼	6010C	Total/NA
Zinc	44.2		2.4	0.78	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.028		0.025	0.0059	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-22 2-3' — Lab Sample ID: 480-202112-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	50	J	190	28	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	75	J	190	31	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	23	J	190	20	ug/Kg	1	☼	8270D	Total/NA
Chrysene	87	J	190	43	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	67	J	190	20	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	35	J	190	24	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	100	J	190	28	ug/Kg	1	☼	8270D	Total/NA
Pyrene	75	J	190	23	ug/Kg	1	☼	8270D	Total/NA
4,4'-DDD	0.65	J	1.9	0.37	ug/Kg	1	☼	8081B	Total/NA
4,4'-DDT	0.55	J	1.9	0.44	ug/Kg	1	☼	8081B	Total/NA
Aldrin	0.65	J	1.9	0.46	ug/Kg	1	☼	8081B	Total/NA
beta-BHC	1.0	J	1.9	0.34	ug/Kg	1	☼	8081B	Total/NA
Endrin ketone	1.1	J	1.9	0.46	ug/Kg	1	☼	8081B	Total/NA
Perfluorohexanoic acid	0.026	J	0.23	0.022	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorooctanoic acid	0.22	J	0.23	0.025	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorobutanoic acid	0.11	J	0.23	0.028	ng/g	1	☼	537 (Modified)	Total/NA
Aluminum	4850		11.2	4.9	mg/Kg	1	☼	6010C	Total/NA
Antimony	5.7	J	16.8	0.45	mg/Kg	1	☼	6010C	Total/NA
Arsenic	18.0		2.2	0.45	mg/Kg	1	☼	6010C	Total/NA
Barium	45.1		0.56	0.12	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.77		0.22	0.031	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.36		0.22	0.034	mg/Kg	1	☼	6010C	Total/NA
Calcium	12100		55.9	3.7	mg/Kg	1	☼	6010C	Total/NA
Chromium	20.3		0.56	0.22	mg/Kg	1	☼	6010C	Total/NA
Cobalt	12.3		0.56	0.056	mg/Kg	1	☼	6010C	Total/NA
Copper	75.8		1.1	0.23	mg/Kg	1	☼	6010C	Total/NA
Iron	161000		55.9	19.6	mg/Kg	5	☼	6010C	Total/NA
Lead	130		5.6	1.3	mg/Kg	5	☼	6010C	Total/NA
Magnesium	3920	B	22.4	1.0	mg/Kg	1	☼	6010C	Total/NA
Manganese	1870		0.22	0.036	mg/Kg	1	☼	6010C	Total/NA
Nickel	16.7	J	27.9	1.3	mg/Kg	5	☼	6010C	Total/NA
Potassium	451		33.5	22.4	mg/Kg	1	☼	6010C	Total/NA
Selenium	0.52	J B	4.5	0.45	mg/Kg	1	☼	6010C	Total/NA
Silver	0.22	J	0.67	0.22	mg/Kg	1	☼	6010C	Total/NA
Sodium	81.5	J	156	14.5	mg/Kg	1	☼	6010C	Total/NA
Vanadium	36.1		2.8	0.61	mg/Kg	5	☼	6010C	Total/NA
Zinc	31.4		2.2	0.72	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.39		0.023	0.0053	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-21 3-4' — Lab Sample ID: 480-202112-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.1	J	10	1.7	ug/Kg	1	☼	8260C	Total/NA
Chloroform	0.13	J	2.0	0.13	ug/Kg	1	☼	8260C	Total/NA
Diethyl phthalate	150	J B	190	25	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	53	J	190	20	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	34	J	190	25	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	74	J	190	28	ug/Kg	1	☼	8270D	Total/NA
Pyrene	45	J	190	22	ug/Kg	1	☼	8270D	Total/NA
Methoxychlor	1.4	J	1.9	0.38	ug/Kg	1	☼	8081B	Total/NA
Aluminum	11100		11.5	5.1	mg/Kg	1	☼	6010C	Total/NA
Antimony	0.54	J	17.3	0.46	mg/Kg	1	☼	6010C	Total/NA
Arsenic	6.8		2.3	0.46	mg/Kg	1	☼	6010C	Total/NA
Barium	59.6		0.58	0.13	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.61		0.23	0.032	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.28		0.23	0.035	mg/Kg	1	☼	6010C	Total/NA
Calcium	16300		57.7	3.8	mg/Kg	1	☼	6010C	Total/NA
Chromium	15.3		0.58	0.23	mg/Kg	1	☼	6010C	Total/NA
Cobalt	10.2		0.58	0.058	mg/Kg	1	☼	6010C	Total/NA
Copper	26.7		1.2	0.24	mg/Kg	1	☼	6010C	Total/NA
Iron	18500		11.5	4.0	mg/Kg	1	☼	6010C	Total/NA
Lead	26.3		1.2	0.28	mg/Kg	1	☼	6010C	Total/NA
Magnesium	8190	B	23.1	1.1	mg/Kg	1	☼	6010C	Total/NA
Manganese	230	B	0.23	0.037	mg/Kg	1	☼	6010C	Total/NA
Nickel	25.7		5.8	0.27	mg/Kg	1	☼	6010C	Total/NA
Potassium	2980		34.6	23.1	mg/Kg	1	☼	6010C	Total/NA
Selenium	0.54	J B	4.6	0.46	mg/Kg	1	☼	6010C	Total/NA
Sodium	285		161	15.0	mg/Kg	1	☼	6010C	Total/NA
Thallium	0.67	J	6.9	0.35	mg/Kg	1	☼	6010C	Total/NA
Vanadium	23.9		0.58	0.13	mg/Kg	1	☼	6010C	Total/NA
Zinc	60.9		2.3	0.74	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.029		0.023	0.0052	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-20 3-4' — Lab Sample ID: 480-202112-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	1200	J	3700	370	ug/Kg	20	☼	8270D	Total/NA
Benzo[a]pyrene	1300	J	3700	540	ug/Kg	20	☼	8270D	Total/NA
Benzo[b]fluoranthene	2100	J	3700	580	ug/Kg	20	☼	8270D	Total/NA
Benzo[g,h,i]perylene	720	J	3700	390	ug/Kg	20	☼	8270D	Total/NA
Chrysene	1200	J	3700	820	ug/Kg	20	☼	8270D	Total/NA
Fluoranthene	2200	J	3700	390	ug/Kg	20	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	620	J	3700	450	ug/Kg	20	☼	8270D	Total/NA
Pyrene	1700	J	3700	430	ug/Kg	20	☼	8270D	Total/NA
Aluminum	7600		10.6	4.7	mg/Kg	1	☼	6010C	Total/NA
Antimony	0.99	J	15.9	0.42	mg/Kg	1	☼	6010C	Total/NA
Arsenic	8.0		2.1	0.42	mg/Kg	1	☼	6010C	Total/NA
Barium	72.6		0.53	0.12	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.71		0.21	0.030	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.35		0.21	0.032	mg/Kg	1	☼	6010C	Total/NA
Calcium	36300		52.9	3.5	mg/Kg	1	☼	6010C	Total/NA
Chromium	14.7		0.53	0.21	mg/Kg	1	☼	6010C	Total/NA
Cobalt	6.9		0.53	0.053	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: TP-20 3-4' (Continued) — Lab Sample ID: 480-202112-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	28.8		1.1	0.22	mg/Kg	1	☼	6010C	Total/NA
Iron	22800		10.6	3.7	mg/Kg	1	☼	6010C	Total/NA
Lead	55.0		1.1	0.25	mg/Kg	1	☼	6010C	Total/NA
Magnesium	7820	B	21.2	0.98	mg/Kg	1	☼	6010C	Total/NA
Manganese	873	B	0.21	0.034	mg/Kg	1	☼	6010C	Total/NA
Nickel	16.7		5.3	0.24	mg/Kg	1	☼	6010C	Total/NA
Potassium	2080		31.7	21.2	mg/Kg	1	☼	6010C	Total/NA
Sodium	274		148	13.8	mg/Kg	1	☼	6010C	Total/NA
Thallium	0.87	J	6.3	0.32	mg/Kg	1	☼	6010C	Total/NA
Vanadium	24.5		0.53	0.12	mg/Kg	1	☼	6010C	Total/NA
Zinc	53.4		2.1	0.68	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.075		0.022	0.0051	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-19 4-5' — Lab Sample ID: 480-202112-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	210		190	24	ug/Kg	1	☼	8270D	Total/NA
Anthracene	200		190	46	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	490		190	19	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	770		190	28	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	1100		190	30	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	730		190	20	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	440		190	24	ug/Kg	1	☼	8270D	Total/NA
Carbazole	41	J	190	22	ug/Kg	1	☼	8270D	Total/NA
Chrysene	630		190	42	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	220		190	33	ug/Kg	1	☼	8270D	Total/NA
Diethyl phthalate	71	J B	190	24	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	530		190	20	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	620		190	23	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	27	J	190	24	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	190		190	28	ug/Kg	1	☼	8270D	Total/NA
Pyrene	600		190	22	ug/Kg	1	☼	8270D	Total/NA
Aluminum	5160		11.3	5.0	mg/Kg	1	☼	6010C	Total/NA
Antimony	2.6	J	17.0	0.45	mg/Kg	1	☼	6010C	Total/NA
Arsenic	13.0		2.3	0.45	mg/Kg	1	☼	6010C	Total/NA
Barium	115		0.57	0.12	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.67		0.23	0.032	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.25		0.23	0.034	mg/Kg	1	☼	6010C	Total/NA
Calcium	16100		56.5	3.7	mg/Kg	1	☼	6010C	Total/NA
Chromium	11.2		0.57	0.23	mg/Kg	1	☼	6010C	Total/NA
Cobalt	9.2		0.57	0.057	mg/Kg	1	☼	6010C	Total/NA
Copper	60.8		1.1	0.24	mg/Kg	1	☼	6010C	Total/NA
Iron	42100		11.3	4.0	mg/Kg	1	☼	6010C	Total/NA
Lead	85.4		1.1	0.27	mg/Kg	1	☼	6010C	Total/NA
Magnesium	3420	B	22.6	1.0	mg/Kg	1	☼	6010C	Total/NA
Manganese	842	B	0.23	0.036	mg/Kg	1	☼	6010C	Total/NA
Nickel	18.2		5.7	0.26	mg/Kg	1	☼	6010C	Total/NA
Potassium	980		33.9	22.6	mg/Kg	1	☼	6010C	Total/NA
Sodium	355		158	14.7	mg/Kg	1	☼	6010C	Total/NA
Thallium	0.73	J	6.8	0.34	mg/Kg	1	☼	6010C	Total/NA
Vanadium	17.2		0.57	0.12	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP-19 4-5' (Continued) — Lab Sample ID: 480-202112-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	57.1		2.3	0.72	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.10		0.023	0.0053	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-18 4-5' — Lab Sample ID: 480-202112-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	28		16	2.7	ug/Kg	1	☼	8260C	Total/NA
Fluoranthene	28	J	210	22	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	50	J	210	30	ug/Kg	1	☼	8270D	Total/NA
Pyrene	30	J	210	24	ug/Kg	1	☼	8270D	Total/NA
Endosulfan sulfate	0.75	J	2.0	0.38	ug/Kg	1	☼	8081B	Total/NA
Dichlorprop	11	J	20	10	ug/Kg	1	☼	8151A	Total/NA
Aluminum	4100		11.8	5.2	mg/Kg	1	☼	6010C	Total/NA
Arsenic	12.2		2.4	0.47	mg/Kg	1	☼	6010C	Total/NA
Barium	27.4		0.59	0.13	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.49		0.24	0.033	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.19	J	0.24	0.035	mg/Kg	1	☼	6010C	Total/NA
Calcium	19800		59.0	3.9	mg/Kg	1	☼	6010C	Total/NA
Chromium	5.8		0.59	0.24	mg/Kg	1	☼	6010C	Total/NA
Cobalt	10.5		0.59	0.059	mg/Kg	1	☼	6010C	Total/NA
Copper	28.2		1.2	0.25	mg/Kg	1	☼	6010C	Total/NA
Iron	8790		11.8	4.1	mg/Kg	1	☼	6010C	Total/NA
Lead	18.5		1.2	0.28	mg/Kg	1	☼	6010C	Total/NA
Magnesium	2380	B	23.6	1.1	mg/Kg	1	☼	6010C	Total/NA
Manganese	169	B	0.24	0.038	mg/Kg	1	☼	6010C	Total/NA
Nickel	17.1		5.9	0.27	mg/Kg	1	☼	6010C	Total/NA
Potassium	883		35.4	23.6	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.1	J B	4.7	0.47	mg/Kg	1	☼	6010C	Total/NA
Sodium	239		165	15.3	mg/Kg	1	☼	6010C	Total/NA
Thallium	0.45	J	7.1	0.35	mg/Kg	1	☼	6010C	Total/NA
Vanadium	10.5		0.59	0.13	mg/Kg	1	☼	6010C	Total/NA
Zinc	38.3		2.4	0.75	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.022	J	0.025	0.0056	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: DUP-1 — Lab Sample ID: 480-202112-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	2.5	J	13	0.92	ug/Kg	1	☼	8260C	Total/NA
Acetone	19		13	2.1	ug/Kg	1	☼	8260C	Total/NA
Diethyl phthalate	55	J B	200	26	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	42	J	200	30	ug/Kg	1	☼	8270D	Total/NA
4,4'-DDT	0.48	J	2.0	0.47	ug/Kg	1	☼	8081B	Total/NA
Endosulfan sulfate	0.64	J	2.0	0.38	ug/Kg	1	☼	8081B	Total/NA
Aluminum	5000		12.8	5.6	mg/Kg	1	☼	6010C	Total/NA
Arsenic	8.7		2.6	0.51	mg/Kg	1	☼	6010C	Total/NA
Barium	27.8		0.64	0.14	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.45		0.26	0.036	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.22	J	0.26	0.038	mg/Kg	1	☼	6010C	Total/NA
Calcium	16700		63.8	4.2	mg/Kg	1	☼	6010C	Total/NA
Chromium	6.5		0.64	0.26	mg/Kg	1	☼	6010C	Total/NA
Cobalt	10.5		0.64	0.064	mg/Kg	1	☼	6010C	Total/NA
Copper	23.3		1.3	0.27	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP-1 (Continued)

Lab Sample ID: 480-202112-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	9820		12.8	4.5	mg/Kg	1	☼	6010C	Total/NA
Lead	18.2		1.3	0.31	mg/Kg	1	☼	6010C	Total/NA
Magnesium	3430	B	25.5	1.2	mg/Kg	1	☼	6010C	Total/NA
Manganese	264	B	0.26	0.041	mg/Kg	1	☼	6010C	Total/NA
Nickel	17.9		6.4	0.29	mg/Kg	1	☼	6010C	Total/NA
Potassium	1110		38.3	25.5	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.1	J B	5.1	0.51	mg/Kg	1	☼	6010C	Total/NA
Sodium	307	B	179	16.6	mg/Kg	1	☼	6010C	Total/NA
Thallium	0.40	J	7.7	0.38	mg/Kg	1	☼	6010C	Total/NA
Vanadium	11.8		0.64	0.14	mg/Kg	1	☼	6010C	Total/NA
Zinc	41.5		2.6	0.82	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.033		0.023	0.0052	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-17 3-4'

Lab Sample ID: 480-202112-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	930	J	2100	510	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]anthracene	2000	J	2100	210	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]pyrene	1900	J	2100	310	ug/Kg	10	☼	8270D	Total/NA
Benzo[b]fluoranthene	2300		2100	330	ug/Kg	10	☼	8270D	Total/NA
Benzo[g,h,i]perylene	1300	J	2100	220	ug/Kg	10	☼	8270D	Total/NA
Benzo[k]fluoranthene	950	J	2100	270	ug/Kg	10	☼	8270D	Total/NA
Chrysene	2100		2100	470	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	4400		2100	220	ug/Kg	10	☼	8270D	Total/NA
Fluorene	290	J	2100	240	ug/Kg	10	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1300	J	2100	260	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene	3100		2100	310	ug/Kg	10	☼	8270D	Total/NA
Pyrene	3100		2100	240	ug/Kg	10	☼	8270D	Total/NA
Aluminum	6180		12.4	5.5	mg/Kg	1	☼	6010C	Total/NA
Antimony	2.5	J	18.6	0.50	mg/Kg	1	☼	6010C	Total/NA
Arsenic	13.2		2.5	0.50	mg/Kg	1	☼	6010C	Total/NA
Barium	162		0.62	0.14	mg/Kg	1	☼	6010C	Total/NA
Beryllium	1.7		0.25	0.035	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.72		0.25	0.037	mg/Kg	1	☼	6010C	Total/NA
Calcium	9590		62.0	4.1	mg/Kg	1	☼	6010C	Total/NA
Chromium	14.5		0.62	0.25	mg/Kg	1	☼	6010C	Total/NA
Cobalt	10.2		0.62	0.062	mg/Kg	1	☼	6010C	Total/NA
Copper	150		1.2	0.26	mg/Kg	1	☼	6010C	Total/NA
Iron	28500		12.4	4.3	mg/Kg	1	☼	6010C	Total/NA
Lead	2810		1.2	0.30	mg/Kg	1	☼	6010C	Total/NA
Magnesium	2190	B	24.8	1.2	mg/Kg	1	☼	6010C	Total/NA
Manganese	275	B	0.25	0.040	mg/Kg	1	☼	6010C	Total/NA
Nickel	23.9		6.2	0.29	mg/Kg	1	☼	6010C	Total/NA
Potassium	950		37.2	24.8	mg/Kg	1	☼	6010C	Total/NA
Silver	0.25	J	0.74	0.25	mg/Kg	1	☼	6010C	Total/NA
Sodium	286	B	174	16.1	mg/Kg	1	☼	6010C	Total/NA
Thallium	1.5	J	7.4	0.37	mg/Kg	1	☼	6010C	Total/NA
Vanadium	21.7		0.62	0.14	mg/Kg	1	☼	6010C	Total/NA
Zinc	129		2.5	0.79	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.33		0.025	0.0058	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-16 3-4' — Lab Sample ID: 480-202112-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	3830		11.8	5.2	mg/Kg	1	☼	6010C	Total/NA
Antimony	1.0	J	17.7	0.47	mg/Kg	1	☼	6010C	Total/NA
Arsenic	11.0		2.4	0.47	mg/Kg	1	☼	6010C	Total/NA
Barium	149		0.59	0.13	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.41		0.24	0.033	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.29		0.24	0.035	mg/Kg	1	☼	6010C	Total/NA
Calcium	39500		59.1	3.9	mg/Kg	1	☼	6010C	Total/NA
Chromium	8.4		0.59	0.24	mg/Kg	1	☼	6010C	Total/NA
Cobalt	5.5		0.59	0.059	mg/Kg	1	☼	6010C	Total/NA
Copper	26.2		1.2	0.25	mg/Kg	1	☼	6010C	Total/NA
Iron	28100		11.8	4.1	mg/Kg	1	☼	6010C	Total/NA
Lead	24.7		1.2	0.28	mg/Kg	1	☼	6010C	Total/NA
Magnesium	2000	B	23.6	1.1	mg/Kg	1	☼	6010C	Total/NA
Manganese	447	B	0.24	0.038	mg/Kg	1	☼	6010C	Total/NA
Nickel	14.0		5.9	0.27	mg/Kg	1	☼	6010C	Total/NA
Potassium	602		35.5	23.6	mg/Kg	1	☼	6010C	Total/NA
Selenium	0.85	J B	4.7	0.47	mg/Kg	1	☼	6010C	Total/NA
Sodium	462	B	165	15.4	mg/Kg	1	☼	6010C	Total/NA
Thallium	0.48	J	7.1	0.35	mg/Kg	1	☼	6010C	Total/NA
Vanadium	14.3		0.59	0.13	mg/Kg	1	☼	6010C	Total/NA
Zinc	41.8		2.4	0.76	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.074		0.024	0.0056	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-15 3-4' — Lab Sample ID: 480-202112-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	9.0	J	23	1.7	ug/Kg	1	☼	8260C	Total/NA
Acetone	47		23	3.9	ug/Kg	1	☼	8260C	Total/NA
Tetrachloroethene	0.81	J	4.6	0.62	ug/Kg	1	☼	8260C	Total/NA
Perfluorooctanoic acid	0.032	J	0.25	0.028	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorooctanesulfonic acid	0.15	J	0.25	0.044	ng/g	1	☼	537 (Modified)	Total/NA
Aluminum	3950		12.9	5.7	mg/Kg	1	☼	6010C	Total/NA
Antimony	1.2	J	19.3	0.51	mg/Kg	1	☼	6010C	Total/NA
Arsenic	13.0		2.6	0.51	mg/Kg	1	☼	6010C	Total/NA
Barium	55.5		0.64	0.14	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.39		0.26	0.036	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.40		0.26	0.039	mg/Kg	1	☼	6010C	Total/NA
Calcium	64400		64.4	4.2	mg/Kg	1	☼	6010C	Total/NA
Chromium	11.6		0.64	0.26	mg/Kg	1	☼	6010C	Total/NA
Cobalt	5.0		0.64	0.064	mg/Kg	1	☼	6010C	Total/NA
Copper	21.8		1.3	0.27	mg/Kg	1	☼	6010C	Total/NA
Iron	27100		12.9	4.5	mg/Kg	1	☼	6010C	Total/NA
Lead	67.9		1.3	0.31	mg/Kg	1	☼	6010C	Total/NA
Magnesium	6500	B	25.7	1.2	mg/Kg	1	☼	6010C	Total/NA
Manganese	805	B	0.26	0.041	mg/Kg	1	☼	6010C	Total/NA
Nickel	15.6		6.4	0.30	mg/Kg	1	☼	6010C	Total/NA
Potassium	792		38.6	25.7	mg/Kg	1	☼	6010C	Total/NA
Selenium	0.54	J B	5.1	0.51	mg/Kg	1	☼	6010C	Total/NA
Sodium	202	B	180	16.7	mg/Kg	1	☼	6010C	Total/NA
Thallium	0.44	J	7.7	0.39	mg/Kg	1	☼	6010C	Total/NA
Vanadium	14.5		0.64	0.14	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP-15 3-4' (Continued) — Lab Sample ID: 480-202112-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	76.2		2.6	0.82	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.068		0.026	0.0060	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-14 4-5' — Lab Sample ID: 480-202112-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	100	J	190	38	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	97	J	190	25	ug/Kg	1	☼	8270D	Total/NA
Anthracene	120	J	190	47	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	370		190	19	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	470		190	28	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	780		190	30	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	390		190	20	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	330		190	25	ug/Kg	1	☼	8270D	Total/NA
Chrysene	600		190	43	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	120	J	190	34	ug/Kg	1	☼	8270D	Total/NA
Dibenzofuran	54	J	190	22	ug/Kg	1	☼	8270D	Total/NA
Diethyl phthalate	210	B	190	25	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	530		190	20	ug/Kg	1	☼	8270D	Total/NA
Fluorene	26	J	190	22	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	340		190	24	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	53	J	190	25	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	420		190	28	ug/Kg	1	☼	8270D	Total/NA
Pyrene	490		190	22	ug/Kg	1	☼	8270D	Total/NA
Aluminum	3870		11.7	5.1	mg/Kg	1	☼	6010C	Total/NA
Antimony	6.3	J	17.6	0.47	mg/Kg	1	☼	6010C	Total/NA
Arsenic	19.5		2.3	0.47	mg/Kg	1	☼	6010C	Total/NA
Barium	68.4		0.59	0.13	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.92		0.23	0.033	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.49		0.23	0.035	mg/Kg	1	☼	6010C	Total/NA
Calcium	2160		58.5	3.9	mg/Kg	1	☼	6010C	Total/NA
Chromium	15.7		2.9	1.2	mg/Kg	5	☼	6010C	Total/NA
Cobalt	14.1		0.59	0.059	mg/Kg	1	☼	6010C	Total/NA
Copper	95.0		1.2	0.25	mg/Kg	1	☼	6010C	Total/NA
Iron	141000		58.5	20.5	mg/Kg	5	☼	6010C	Total/NA
Lead	149		5.9	1.4	mg/Kg	5	☼	6010C	Total/NA
Magnesium	856	B	23.4	1.1	mg/Kg	1	☼	6010C	Total/NA
Manganese	10600		1.2	0.19	mg/Kg	5	☼	6010C	Total/NA
Nickel	22.4	J	29.3	1.3	mg/Kg	5	☼	6010C	Total/NA
Potassium	358		35.1	23.4	mg/Kg	1	☼	6010C	Total/NA
Selenium	5.2	B	4.7	0.47	mg/Kg	1	☼	6010C	Total/NA
Silver	1.2		0.70	0.23	mg/Kg	1	☼	6010C	Total/NA
Sodium	146	J B	164	15.2	mg/Kg	1	☼	6010C	Total/NA
Vanadium	26.5		2.9	0.64	mg/Kg	5	☼	6010C	Total/NA
Zinc	67.5		2.3	0.75	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.38		0.022	0.0050	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-13 2-3' — Lab Sample ID: 480-202112-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	550	J	2000	490	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]anthracene	1600	J	2000	200	ug/Kg	10	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP-13 2-3' (Continued) — Lab Sample ID: 480-202112-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	1700	J	2000	290	ug/Kg	10	☼	8270D	Total/NA
Benzo[b]fluoranthene	2200		2000	310	ug/Kg	10	☼	8270D	Total/NA
Benzo[g,h,i]perylene	1100	J	2000	210	ug/Kg	10	☼	8270D	Total/NA
Benzo[k]fluoranthene	940	J	2000	250	ug/Kg	10	☼	8270D	Total/NA
Chrysene	1900	J	2000	440	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	3700		2000	210	ug/Kg	10	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1100	J	2000	240	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene	2200		2000	290	ug/Kg	10	☼	8270D	Total/NA
Pyrene	2300		2000	230	ug/Kg	10	☼	8270D	Total/NA
Aluminum	8890		12.1	5.3	mg/Kg	1	☼	6010C	Total/NA
Antimony	2.1	J	18.1	0.48	mg/Kg	1	☼	6010C	Total/NA
Arsenic	11.7		2.4	0.48	mg/Kg	1	☼	6010C	Total/NA
Barium	156		0.60	0.13	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.67		0.24	0.034	mg/Kg	1	☼	6010C	Total/NA
Cadmium	1.0		0.24	0.036	mg/Kg	1	☼	6010C	Total/NA
Calcium	18000		60.3	4.0	mg/Kg	1	☼	6010C	Total/NA
Chromium	23.1		0.60	0.24	mg/Kg	1	☼	6010C	Total/NA
Cobalt	7.2		0.60	0.060	mg/Kg	1	☼	6010C	Total/NA
Copper	136		1.2	0.25	mg/Kg	1	☼	6010C	Total/NA
Iron	29100		12.1	4.2	mg/Kg	1	☼	6010C	Total/NA
Lead	538		1.2	0.29	mg/Kg	1	☼	6010C	Total/NA
Magnesium	4990	B	24.1	1.1	mg/Kg	1	☼	6010C	Total/NA
Manganese	584	B	0.24	0.039	mg/Kg	1	☼	6010C	Total/NA
Nickel	23.8		6.0	0.28	mg/Kg	1	☼	6010C	Total/NA
Potassium	1810		36.2	24.1	mg/Kg	1	☼	6010C	Total/NA
Selenium	0.61	J B	4.8	0.48	mg/Kg	1	☼	6010C	Total/NA
Silver	0.34	J	0.72	0.24	mg/Kg	1	☼	6010C	Total/NA
Sodium	377	B	169	15.7	mg/Kg	1	☼	6010C	Total/NA
Thallium	0.96	J	7.2	0.36	mg/Kg	1	☼	6010C	Total/NA
Vanadium	24.8		0.60	0.13	mg/Kg	1	☼	6010C	Total/NA
Zinc	377		2.4	0.77	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.50		0.023	0.0053	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-12 3-4' — Lab Sample ID: 480-202112-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	2200	J	3400	500	ug/Kg	10	☼	8270D	Total/NA
Anthracene	4900		3400	840	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]anthracene	9800		3400	340	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]pyrene	9600		3400	500	ug/Kg	10	☼	8270D	Total/NA
Benzo[b]fluoranthene	9300		3400	540	ug/Kg	10	☼	8270D	Total/NA
Benzo[g,h,i]perylene	5500		3400	360	ug/Kg	10	☼	8270D	Total/NA
Benzo[k]fluoranthene	4600		3400	440	ug/Kg	10	☼	8270D	Total/NA
Carbazole	1500	J	3400	400	ug/Kg	10	☼	8270D	Total/NA
Chrysene	8800		3400	760	ug/Kg	10	☼	8270D	Total/NA
Dibenz(a,h)anthracene	1600	J	3400	600	ug/Kg	10	☼	8270D	Total/NA
Dibenzofuran	1200	J	3400	400	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	20000		3400	360	ug/Kg	10	☼	8270D	Total/NA
Fluorene	2100	J	3400	400	ug/Kg	10	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	5300		3400	420	ug/Kg	10	☼	8270D	Total/NA
Naphthalene	620	J	3400	440	ug/Kg	10	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP-12 3-4' (Continued) — Lab Sample ID: 480-202112-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	18000		3400	500	ug/Kg	10	☼	8270D	Total/NA
Pyrene	14000		3400	400	ug/Kg	10	☼	8270D	Total/NA
Aluminum	15300		21.1	9.3	mg/Kg	1	☼	6010C	Total/NA
Antimony	10	J	31.7	0.84	mg/Kg	1	☼	6010C	Total/NA
Arsenic	17.0		4.2	0.84	mg/Kg	1	☼	6010C	Total/NA
Barium	384		1.1	0.23	mg/Kg	1	☼	6010C	Total/NA
Beryllium	1.9		0.42	0.059	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.56		0.42	0.063	mg/Kg	1	☼	6010C	Total/NA
Calcium	27200		106	7.0	mg/Kg	1	☼	6010C	Total/NA
Chromium	19.3		1.1	0.42	mg/Kg	1	☼	6010C	Total/NA
Cobalt	13.3		1.1	0.11	mg/Kg	1	☼	6010C	Total/NA
Copper	209		2.1	0.44	mg/Kg	1	☼	6010C	Total/NA
Iron	32400		21.1	7.4	mg/Kg	1	☼	6010C	Total/NA
Lead	519		2.1	0.51	mg/Kg	1	☼	6010C	Total/NA
Magnesium	4600	B	42.2	2.0	mg/Kg	1	☼	6010C	Total/NA
Manganese	1150	B	0.42	0.068	mg/Kg	1	☼	6010C	Total/NA
Nickel	37.2		10.6	0.49	mg/Kg	1	☼	6010C	Total/NA
Potassium	4140		63.3	42.2	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.5	J B	8.4	0.84	mg/Kg	1	☼	6010C	Total/NA
Silver	0.46	J	1.3	0.42	mg/Kg	1	☼	6010C	Total/NA
Sodium	636	B	295	27.4	mg/Kg	1	☼	6010C	Total/NA
Thallium	2.4	J	12.7	0.63	mg/Kg	1	☼	6010C	Total/NA
Vanadium	45.3		1.1	0.23	mg/Kg	1	☼	6010C	Total/NA
Zinc	188		4.2	1.4	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.23		0.039	0.0090	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-11 4-5' — Lab Sample ID: 480-202112-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.67	J vs	6.3	0.39	ug/Kg	1	☼	8260C	Total/NA
Acenaphthene	410	J	1100	160	ug/Kg	5	☼	8270D	Total/NA
Anthracene	1200		1100	270	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]anthracene	2600		1100	110	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	2700		1100	160	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	3000		1100	170	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	1700		1100	110	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	1300		1100	140	ug/Kg	5	☼	8270D	Total/NA
Carbazole	540	J	1100	130	ug/Kg	5	☼	8270D	Total/NA
Chrysene	2700		1100	240	ug/Kg	5	☼	8270D	Total/NA
Dibenz(a,h)anthracene	420	J	1100	190	ug/Kg	5	☼	8270D	Total/NA
Dibenzofuran	220	J	1100	130	ug/Kg	5	☼	8270D	Total/NA
Diethyl phthalate	170	J B	1100	140	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	6100		1100	110	ug/Kg	5	☼	8270D	Total/NA
Fluorene	430	J	1100	130	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1700		1100	130	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	4600		1100	160	ug/Kg	5	☼	8270D	Total/NA
Pyrene	4000		1100	130	ug/Kg	5	☼	8270D	Total/NA
Methoxychlor	8.5	J	21	4.3	ug/Kg	10	☼	8081B	Total/NA
Perfluorohexanoic acid	0.045	J	0.26	0.024	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorooctanoic acid	0.20	J	0.26	0.028	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorodecanoic acid	0.081	J	0.26	0.031	ng/g	1	☼	537 (Modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP-11 4-5' (Continued) — Lab Sample ID: 480-202112-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanesulfonic acid	0.050	J	0.26	0.024	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorooctanesulfonic acid	0.65		0.26	0.045	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorobutanoic acid	0.091	J	0.26	0.031	ng/g	1	☼	537 (Modified)	Total/NA
Aluminum	5310		13.0	5.7	mg/Kg	1	☼	6010C	Total/NA
Antimony	1.9	J	19.6	0.52	mg/Kg	1	☼	6010C	Total/NA
Arsenic	21.9		2.6	0.52	mg/Kg	1	☼	6010C	Total/NA
Barium	188		0.65	0.14	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.81		0.26	0.037	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.81		0.26	0.039	mg/Kg	1	☼	6010C	Total/NA
Calcium	10100		65.2	4.3	mg/Kg	1	☼	6010C	Total/NA
Chromium	13.9		0.65	0.26	mg/Kg	1	☼	6010C	Total/NA
Cobalt	7.9		0.65	0.065	mg/Kg	1	☼	6010C	Total/NA
Copper	215		1.3	0.27	mg/Kg	1	☼	6010C	Total/NA
Iron	25400		13.0	4.6	mg/Kg	1	☼	6010C	Total/NA
Lead	373		1.3	0.31	mg/Kg	1	☼	6010C	Total/NA
Magnesium	2510	B	26.1	1.2	mg/Kg	1	☼	6010C	Total/NA
Manganese	254	B	0.26	0.042	mg/Kg	1	☼	6010C	Total/NA
Nickel	22.6		6.5	0.30	mg/Kg	1	☼	6010C	Total/NA
Potassium	937		39.1	26.1	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.4	J B	5.2	0.52	mg/Kg	1	☼	6010C	Total/NA
Sodium	317	B	183	17.0	mg/Kg	1	☼	6010C	Total/NA
Thallium	1.0	J	7.8	0.39	mg/Kg	1	☼	6010C	Total/NA
Vanadium	19.2		0.65	0.14	mg/Kg	1	☼	6010C	Total/NA
Zinc	147		2.6	0.83	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.28		0.027	0.0061	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-8 4-5' — Lab Sample ID: 480-202112-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	2300		950	95	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	2500		950	140	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	3000		950	150	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	1600		950	100	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	1100		950	120	ug/Kg	5	☼	8270D	Total/NA
Carbazole	290	J	950	110	ug/Kg	5	☼	8270D	Total/NA
Chrysene	2400		950	210	ug/Kg	5	☼	8270D	Total/NA
Dibenz(a,h)anthracene	510	J	950	170	ug/Kg	5	☼	8270D	Total/NA
Diethyl phthalate	300	J B	950	120	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	5000		950	100	ug/Kg	5	☼	8270D	Total/NA
Fluorene	240	J	950	110	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1400		950	120	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	3000		950	140	ug/Kg	5	☼	8270D	Total/NA
Pyrene	3400		950	110	ug/Kg	5	☼	8270D	Total/NA
Aluminum	8090		11.3	5.0	mg/Kg	1	☼	6010C	Total/NA
Antimony	2.4	J	17.0	0.45	mg/Kg	1	☼	6010C	Total/NA
Arsenic	13.5		2.3	0.45	mg/Kg	1	☼	6010C	Total/NA
Barium	182		0.57	0.12	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.86		0.23	0.032	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.46		0.23	0.034	mg/Kg	1	☼	6010C	Total/NA
Calcium	23000		56.5	3.7	mg/Kg	1	☼	6010C	Total/NA
Chromium	16.0		0.57	0.23	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP-8 4-5' (Continued) — Lab Sample ID: 480-202112-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	7.4		0.57	0.057	mg/Kg	1	☼	6010C	Total/NA
Copper	127		1.1	0.24	mg/Kg	1	☼	6010C	Total/NA
Iron	31600		11.3	4.0	mg/Kg	1	☼	6010C	Total/NA
Lead	301		1.1	0.27	mg/Kg	1	☼	6010C	Total/NA
Magnesium	5400	B	22.6	1.0	mg/Kg	1	☼	6010C	Total/NA
Manganese	427	B	0.23	0.036	mg/Kg	1	☼	6010C	Total/NA
Nickel	21.5		5.7	0.26	mg/Kg	1	☼	6010C	Total/NA
Potassium	1490		33.9	22.6	mg/Kg	1	☼	6010C	Total/NA
Sodium	232	B	158	14.7	mg/Kg	1	☼	6010C	Total/NA
Thallium	1.4	J	6.8	0.34	mg/Kg	1	☼	6010C	Total/NA
Vanadium	23.7		0.57	0.12	mg/Kg	1	☼	6010C	Total/NA
Zinc	188		2.3	0.72	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.31		0.022	0.0051	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-10 4-5' — Lab Sample ID: 480-202112-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	670	J	2200	220	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]pyrene	780	J	2200	330	ug/Kg	10	☼	8270D	Total/NA
Benzo[b]fluoranthene	980	J	2200	350	ug/Kg	10	☼	8270D	Total/NA
Benzo[g,h,i]perylene	400	J	2200	240	ug/Kg	10	☼	8270D	Total/NA
Benzo[k]fluoranthene	430	J	2200	290	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	1500	J	2200	240	ug/Kg	10	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	400	J	2200	270	ug/Kg	10	☼	8270D	Total/NA
Pyrene	910	J	2200	260	ug/Kg	10	☼	8270D	Total/NA
Aluminum	10500		13.0	5.7	mg/Kg	1	☼	6010C	Total/NA
Antimony	1.5	J	19.6	0.52	mg/Kg	1	☼	6010C	Total/NA
Arsenic	15.0		2.6	0.52	mg/Kg	1	☼	6010C	Total/NA
Barium	140		0.65	0.14	mg/Kg	1	☼	6010C	Total/NA
Beryllium	1.0		0.26	0.037	mg/Kg	1	☼	6010C	Total/NA
Cadmium	1.1		0.26	0.039	mg/Kg	1	☼	6010C	Total/NA
Calcium	68500		65.2	4.3	mg/Kg	1	☼	6010C	Total/NA
Chromium	33.9		0.65	0.26	mg/Kg	1	☼	6010C	Total/NA
Cobalt	7.3		0.65	0.065	mg/Kg	1	☼	6010C	Total/NA
Copper	79.9		1.3	0.27	mg/Kg	1	☼	6010C	Total/NA
Iron	37800		13.0	4.6	mg/Kg	1	☼	6010C	Total/NA
Lead	156		1.3	0.31	mg/Kg	1	☼	6010C	Total/NA
Magnesium	16600	B	26.1	1.2	mg/Kg	1	☼	6010C	Total/NA
Manganese	719	B	0.26	0.042	mg/Kg	1	☼	6010C	Total/NA
Nickel	26.4		6.5	0.30	mg/Kg	1	☼	6010C	Total/NA
Potassium	2440		39.1	26.1	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.2	J B	5.2	0.52	mg/Kg	1	☼	6010C	Total/NA
Sodium	495	B	183	16.9	mg/Kg	1	☼	6010C	Total/NA
Thallium	1.0	J	7.8	0.39	mg/Kg	1	☼	6010C	Total/NA
Vanadium	23.9		0.65	0.14	mg/Kg	1	☼	6010C	Total/NA
Zinc	267		2.6	0.83	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.14		0.026	0.0060	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-9 3-4 — Lab Sample ID: 480-202112-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.61	J F1 vs	6.7	0.42	ug/Kg	1	☼	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP-9 3-4 (Continued)

Lab Sample ID: 480-202112-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	2.0	J *3 F1 vs	6.7	0.90	ug/Kg	1	☼	8260C	Total/NA
Acenaphthene	2600	J F1	4500	670	ug/Kg	20	☼	8270D	Total/NA
Acenaphthylene	730	J	4500	590	ug/Kg	20	☼	8270D	Total/NA
Anthracene	6100	F1	4500	1100	ug/Kg	20	☼	8270D	Total/NA
Benzo[a]anthracene	10000	F2	4500	450	ug/Kg	20	☼	8270D	Total/NA
Benzo[a]pyrene	12000	F2	4500	670	ug/Kg	20	☼	8270D	Total/NA
Benzo[b]fluoranthene	14000		4500	720	ug/Kg	20	☼	8270D	Total/NA
Benzo[g,h,i]perylene	7100	F1	4500	480	ug/Kg	20	☼	8270D	Total/NA
Benzo[k]fluoranthene	4500	F2	4500	590	ug/Kg	20	☼	8270D	Total/NA
Carbazole	2100	J F1	4500	530	ug/Kg	20	☼	8270D	Total/NA
Chrysene	10000		4500	1000	ug/Kg	20	☼	8270D	Total/NA
Dibenz(a,h)anthracene	1300	J	4500	800	ug/Kg	20	☼	8270D	Total/NA
Dibenzofuran	1900	J F1	4500	530	ug/Kg	20	☼	8270D	Total/NA
Fluoranthene	23000	F2	4500	480	ug/Kg	20	☼	8270D	Total/NA
Fluorene	3100	J F1	4500	530	ug/Kg	20	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	6200	F1	4500	560	ug/Kg	20	☼	8270D	Total/NA
Naphthalene	2000	J F1	4500	590	ug/Kg	20	☼	8270D	Total/NA
Phenanthrene	20000	F2	4500	670	ug/Kg	20	☼	8270D	Total/NA
Pyrene	17000		4500	530	ug/Kg	20	☼	8270D	Total/NA
4,4'-DDD	14	J	45	8.7	ug/Kg	20	☼	8081B	Total/NA
4,4'-DDT	27	J	45	10	ug/Kg	20	☼	8081B	Total/NA
Methoxychlor	12	J	45	9.1	ug/Kg	20	☼	8081B	Total/NA
PCB-1260	0.17	J	0.27	0.13	mg/Kg	1	☼	8082A	Total/NA
Perfluorohexanoic acid	0.034	J	0.27	0.026	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorooctanoic acid	0.12	J	0.27	0.030	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorooctanesulfonic acid	2.4		0.27	0.048	ng/g	1	☼	537 (Modified)	Total/NA
NEtFOSAA	0.049	J	0.27	0.030	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorobutanoic acid	0.059	J	0.27	0.033	ng/g	1	☼	537 (Modified)	Total/NA
Aluminum	11500		13.3	5.9	mg/Kg	1	☼	6010C	Total/NA
Antimony	1.7	J	20.0	0.53	mg/Kg	1	☼	6010C	Total/NA
Arsenic	15.0		2.7	0.53	mg/Kg	1	☼	6010C	Total/NA
Barium	137	F1	0.67	0.15	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.75		0.27	0.037	mg/Kg	1	☼	6010C	Total/NA
Cadmium	1.0		0.27	0.040	mg/Kg	1	☼	6010C	Total/NA
Calcium	27300		66.7	4.4	mg/Kg	1	☼	6010C	Total/NA
Chromium	25.6		0.67	0.27	mg/Kg	1	☼	6010C	Total/NA
Cobalt	7.4		0.67	0.067	mg/Kg	1	☼	6010C	Total/NA
Copper	67.9	F1	1.3	0.28	mg/Kg	1	☼	6010C	Total/NA
Iron	36900		13.3	4.7	mg/Kg	1	☼	6010C	Total/NA
Lead	188	F1	1.3	0.32	mg/Kg	1	☼	6010C	Total/NA
Magnesium	8940	B F1 F2	26.7	1.2	mg/Kg	1	☼	6010C	Total/NA
Manganese	543	B F2	0.27	0.043	mg/Kg	1	☼	6010C	Total/NA
Nickel	27.4		6.7	0.31	mg/Kg	1	☼	6010C	Total/NA
Potassium	2230		40.0	26.7	mg/Kg	1	☼	6010C	Total/NA
Selenium	0.59	J B	5.3	0.53	mg/Kg	1	☼	6010C	Total/NA
Silver	0.27	J F1 F2	0.80	0.27	mg/Kg	1	☼	6010C	Total/NA
Sodium	761	B	187	17.3	mg/Kg	1	☼	6010C	Total/NA
Thallium	1.5	J	8.0	0.40	mg/Kg	1	☼	6010C	Total/NA
Vanadium	28.0		0.67	0.15	mg/Kg	1	☼	6010C	Total/NA
Zinc	219	F1	2.7	0.85	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.21	F1	0.026	0.0061	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP-7 1-2' — Lab Sample ID: 480-202112-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	690	J	2600	530	ug/Kg	10	☼	8270D	Total/NA
Acenaphthene	3200		2600	390	ug/Kg	10	☼	8270D	Total/NA
Acenaphthylene	3000		2600	340	ug/Kg	10	☼	8270D	Total/NA
Anthracene	9200		2600	650	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]anthracene	27000		2600	260	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]pyrene	27000		2600	390	ug/Kg	10	☼	8270D	Total/NA
Benzo[b]fluoranthene	27000		2600	420	ug/Kg	10	☼	8270D	Total/NA
Benzo[g,h,i]perylene	14000		2600	280	ug/Kg	10	☼	8270D	Total/NA
Benzo[k]fluoranthene	13000		2600	340	ug/Kg	10	☼	8270D	Total/NA
Carbazole	2200	J	2600	310	ug/Kg	10	☼	8270D	Total/NA
Chrysene	28000		2600	590	ug/Kg	10	☼	8270D	Total/NA
Dibenz(a,h)anthracene	4400		2600	470	ug/Kg	10	☼	8270D	Total/NA
Dibenzofuran	2000	J	2600	310	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	67000		2600	280	ug/Kg	10	☼	8270D	Total/NA
Fluorene	3600		2600	310	ug/Kg	10	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	15000		2600	330	ug/Kg	10	☼	8270D	Total/NA
Naphthalene	1000	J	2600	340	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene	35000		2600	390	ug/Kg	10	☼	8270D	Total/NA
Pyrene	44000		2600	310	ug/Kg	10	☼	8270D	Total/NA
Aluminum	6570		15.4	6.8	mg/Kg	1	☼	6010C	Total/NA
Arsenic	9.4		3.1	0.61	mg/Kg	1	☼	6010C	Total/NA
Barium	115		0.77	0.17	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.59		0.31	0.043	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.36		0.31	0.046	mg/Kg	1	☼	6010C	Total/NA
Calcium	12600		76.9	5.1	mg/Kg	1	☼	6010C	Total/NA
Chromium	13.7		0.77	0.31	mg/Kg	1	☼	6010C	Total/NA
Cobalt	5.7		0.77	0.077	mg/Kg	1	☼	6010C	Total/NA
Copper	46.9		1.5	0.32	mg/Kg	1	☼	6010C	Total/NA
Iron	12700		15.4	5.4	mg/Kg	1	☼	6010C	Total/NA
Lead	482		1.5	0.37	mg/Kg	1	☼	6010C	Total/NA
Magnesium	5150	B	30.7	1.4	mg/Kg	1	☼	6010C	Total/NA
Manganese	211	B	0.31	0.049	mg/Kg	1	☼	6010C	Total/NA
Nickel	16.3		7.7	0.35	mg/Kg	1	☼	6010C	Total/NA
Potassium	1760		46.1	30.7	mg/Kg	1	☼	6010C	Total/NA
Selenium	2.1	J B	6.1	0.61	mg/Kg	1	☼	6010C	Total/NA
Sodium	169	J B	215	20.0	mg/Kg	1	☼	6010C	Total/NA
Thallium	0.76	J	9.2	0.46	mg/Kg	1	☼	6010C	Total/NA
Vanadium	20.7		0.77	0.17	mg/Kg	1	☼	6010C	Total/NA
Zinc	122		3.1	0.98	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.91		0.031	0.0070	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-6 2-3' — Lab Sample ID: 480-202112-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Biphenyl	640	J	2700	390	ug/Kg	10	☼	8270D	Total/NA
2-Methylnaphthalene	2700		2700	530	ug/Kg	10	☼	8270D	Total/NA
Acenaphthene	9200		2700	390	ug/Kg	10	☼	8270D	Total/NA
Acenaphthylene	4900		2700	340	ug/Kg	10	☼	8270D	Total/NA
Anthracene	20000		2700	660	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]anthracene	42000		2700	270	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]pyrene	41000		2700	390	ug/Kg	10	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP-6 2-3' (Continued)

Lab Sample ID: 480-202112-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	43000		2700	420	ug/Kg	10	☼	8270D	Total/NA
Benzo[g,h,i]perylene	20000		2700	280	ug/Kg	10	☼	8270D	Total/NA
Benzo[k]fluoranthene	17000		2700	340	ug/Kg	10	☼	8270D	Total/NA
Carbazole	4700		2700	310	ug/Kg	10	☼	8270D	Total/NA
Chrysene	41000		2700	590	ug/Kg	10	☼	8270D	Total/NA
Dibenz(a,h)anthracene	5800		2700	470	ug/Kg	10	☼	8270D	Total/NA
Dibenzofuran	6700		2700	310	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	100000	E	2700	280	ug/Kg	10	☼	8270D	Total/NA
Fluorene	11000		2700	310	ug/Kg	10	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	20000		2700	330	ug/Kg	10	☼	8270D	Total/NA
Naphthalene	4100		2700	340	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene	83000		2700	390	ug/Kg	10	☼	8270D	Total/NA
Pyrene	67000		2700	310	ug/Kg	10	☼	8270D	Total/NA
2-Methylnaphthalene - DL	2900	J	5300	1100	ug/Kg	20	☼	8270D	Total/NA
Acenaphthene - DL	9600		5300	780	ug/Kg	20	☼	8270D	Total/NA
Acenaphthylene - DL	4500	J	5300	690	ug/Kg	20	☼	8270D	Total/NA
Anthracene - DL	21000		5300	1300	ug/Kg	20	☼	8270D	Total/NA
Benzo[a]anthracene - DL	46000		5300	530	ug/Kg	20	☼	8270D	Total/NA
Benzo[a]pyrene - DL	45000		5300	780	ug/Kg	20	☼	8270D	Total/NA
Benzo[b]fluoranthene - DL	49000		5300	840	ug/Kg	20	☼	8270D	Total/NA
Benzo[g,h,i]perylene - DL	23000		5300	560	ug/Kg	20	☼	8270D	Total/NA
Benzo[k]fluoranthene - DL	18000		5300	690	ug/Kg	20	☼	8270D	Total/NA
Carbazole - DL	4900	J	5300	620	ug/Kg	20	☼	8270D	Total/NA
Chrysene - DL	45000		5300	1200	ug/Kg	20	☼	8270D	Total/NA
Dibenz(a,h)anthracene - DL	7700		5300	940	ug/Kg	20	☼	8270D	Total/NA
Dibenzofuran - DL	7100		5300	620	ug/Kg	20	☼	8270D	Total/NA
Fluoranthene - DL	100000		5300	560	ug/Kg	20	☼	8270D	Total/NA
Fluorene - DL	11000		5300	620	ug/Kg	20	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene - DL	21000		5300	660	ug/Kg	20	☼	8270D	Total/NA
Naphthalene - DL	4100	J	5300	690	ug/Kg	20	☼	8270D	Total/NA
Phenanthrene - DL	89000		5300	780	ug/Kg	20	☼	8270D	Total/NA
Pyrene - DL	79000		5300	620	ug/Kg	20	☼	8270D	Total/NA
Aluminum	10400		16.7	7.3	mg/Kg	1	☼	6010C	Total/NA
Antimony	2.0	J	25.0	0.67	mg/Kg	1	☼	6010C	Total/NA
Arsenic	9.9		3.3	0.67	mg/Kg	1	☼	6010C	Total/NA
Barium	98.9		0.83	0.18	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.74		0.33	0.047	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.96		0.33	0.050	mg/Kg	1	☼	6010C	Total/NA
Calcium	10200		83.3	5.5	mg/Kg	1	☼	6010C	Total/NA
Chromium	20.0		0.83	0.33	mg/Kg	1	☼	6010C	Total/NA
Cobalt	13.8		0.83	0.083	mg/Kg	1	☼	6010C	Total/NA
Copper	188		1.7	0.35	mg/Kg	1	☼	6010C	Total/NA
Iron	17200		16.7	5.8	mg/Kg	1	☼	6010C	Total/NA
Lead	190		1.7	0.40	mg/Kg	1	☼	6010C	Total/NA
Magnesium	6040	B	33.3	1.5	mg/Kg	1	☼	6010C	Total/NA
Manganese	218	B	0.33	0.053	mg/Kg	1	☼	6010C	Total/NA
Nickel	29.1		8.3	0.38	mg/Kg	1	☼	6010C	Total/NA
Potassium	2690		50.0	33.3	mg/Kg	1	☼	6010C	Total/NA
Selenium	1.2	J B	6.7	0.67	mg/Kg	1	☼	6010C	Total/NA
Sodium	197	J B	233	21.7	mg/Kg	1	☼	6010C	Total/NA
Thallium	0.92	J	10	0.50	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP-6 2-3' (Continued) — Lab Sample ID: 480-202112-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	21.9		0.83	0.18	mg/Kg	1	☼	6010C	Total/NA
Zinc	581		3.3	1.1	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.27		0.028	0.0063	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-5 4-5' — Lab Sample ID: 480-202112-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	180	J	1200	170	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]anthracene	830	J	1200	120	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	820	J	1200	170	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	1100	J	1200	180	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	550	J	1200	120	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	490	J	1200	150	ug/Kg	5	☼	8270D	Total/NA
Chrysene	1000	J	1200	260	ug/Kg	5	☼	8270D	Total/NA
Diethyl phthalate	190	J B	1200	150	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	1900		1200	120	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	520	J	1200	140	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	1100	J	1200	170	ug/Kg	5	☼	8270D	Total/NA
Pyrene	1500		1200	140	ug/Kg	5	☼	8270D	Total/NA
Aluminum	8390		14.1	6.2	mg/Kg	1	☼	6010C	Total/NA
Antimony	3.7	J	21.1	0.56	mg/Kg	1	☼	6010C	Total/NA
Arsenic	27.4		2.8	0.56	mg/Kg	1	☼	6010C	Total/NA
Barium	206		0.70	0.15	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.98		0.28	0.039	mg/Kg	1	☼	6010C	Total/NA
Cadmium	1.3		0.28	0.042	mg/Kg	1	☼	6010C	Total/NA
Calcium	6360		70.3	4.6	mg/Kg	1	☼	6010C	Total/NA
Chromium	25.6		0.70	0.28	mg/Kg	1	☼	6010C	Total/NA
Cobalt	11.6		0.70	0.070	mg/Kg	1	☼	6010C	Total/NA
Copper	158		1.4	0.30	mg/Kg	1	☼	6010C	Total/NA
Iron	74500	B	14.1	4.9	mg/Kg	1	☼	6010C	Total/NA
Lead	341		1.4	0.34	mg/Kg	1	☼	6010C	Total/NA
Magnesium	2510	B	28.1	1.3	mg/Kg	1	☼	6010C	Total/NA
Manganese	489		0.28	0.045	mg/Kg	1	☼	6010C	Total/NA
Nickel	32.0		7.0	0.32	mg/Kg	1	☼	6010C	Total/NA
Potassium	1550		42.2	28.1	mg/Kg	1	☼	6010C	Total/NA
Selenium	2.3	J	5.6	0.56	mg/Kg	1	☼	6010C	Total/NA
Sodium	180	J	197	18.3	mg/Kg	1	☼	6010C	Total/NA
Thallium	1.4	J	8.4	0.42	mg/Kg	1	☼	6010C	Total/NA
Vanadium	33.0		0.70	0.15	mg/Kg	1	☼	6010C	Total/NA
Zinc	498	B	2.8	0.90	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.37		0.028	0.0065	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-4 2-3' — Lab Sample ID: 480-202112-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	480	J	1100	270	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]anthracene	2300		1100	110	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	2700		1100	160	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	3500		1100	170	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	1300		1100	120	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	1600		1100	140	ug/Kg	5	☼	8270D	Total/NA
Carbazole	240	J	1100	130	ug/Kg	5	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP-4 2-3' (Continued) — Lab Sample ID: 480-202112-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	2800		1100	250	ug/Kg	5	☼	8270D	Total/NA
Dibenz(a,h)anthracene	450	J	1100	190	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	3700		1100	120	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1400		1100	140	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	1900		1100	160	ug/Kg	5	☼	8270D	Total/NA
Pyrene	3400		1100	130	ug/Kg	5	☼	8270D	Total/NA
Aluminum	10400		13.9	6.1	mg/Kg	1	☼	6010C	Total/NA
Antimony	5.8	J	20.8	0.55	mg/Kg	1	☼	6010C	Total/NA
Arsenic	18.3		2.8	0.55	mg/Kg	1	☼	6010C	Total/NA
Barium	147		0.69	0.15	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.78		0.28	0.039	mg/Kg	1	☼	6010C	Total/NA
Cadmium	1.0		0.28	0.042	mg/Kg	1	☼	6010C	Total/NA
Calcium	16800		69.3	4.6	mg/Kg	1	☼	6010C	Total/NA
Chromium	22.9		0.69	0.28	mg/Kg	1	☼	6010C	Total/NA
Cobalt	10		0.69	0.069	mg/Kg	1	☼	6010C	Total/NA
Copper	58.6		1.4	0.29	mg/Kg	1	☼	6010C	Total/NA
Iron	62200	B	13.9	4.9	mg/Kg	1	☼	6010C	Total/NA
Lead	316		1.4	0.33	mg/Kg	1	☼	6010C	Total/NA
Magnesium	8590	B	27.7	1.3	mg/Kg	1	☼	6010C	Total/NA
Manganese	755		0.28	0.044	mg/Kg	1	☼	6010C	Total/NA
Nickel	25.3		6.9	0.32	mg/Kg	1	☼	6010C	Total/NA
Potassium	2920		41.6	27.7	mg/Kg	1	☼	6010C	Total/NA
Selenium	2.3	J	5.5	0.55	mg/Kg	1	☼	6010C	Total/NA
Sodium	240		194	18.0	mg/Kg	1	☼	6010C	Total/NA
Thallium	1.5	J	8.3	0.42	mg/Kg	1	☼	6010C	Total/NA
Vanadium	32.4		0.69	0.15	mg/Kg	1	☼	6010C	Total/NA
Zinc	229	B	2.8	0.89	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.19		0.025	0.0056	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-3 2-3' — Lab Sample ID: 480-202112-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	650	J	1100	110	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	710	J	1100	150	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	720	J	1100	170	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	460	J	1100	110	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	430	J	1100	140	ug/Kg	5	☼	8270D	Total/NA
Chrysene	780	J	1100	240	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	1400		1100	110	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	390	J	1100	130	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	1100		1100	150	ug/Kg	5	☼	8270D	Total/NA
Pyrene	1300		1100	120	ug/Kg	5	☼	8270D	Total/NA
Aluminum	5370	F1 F2	12.7	5.6	mg/Kg	1	☼	6010C	Total/NA
Antimony	1.6	J	19.1	0.51	mg/Kg	1	☼	6010C	Total/NA
Arsenic	9.2		2.5	0.51	mg/Kg	1	☼	6010C	Total/NA
Barium	87.8	F1 F2	0.64	0.14	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.65		0.25	0.036	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.31		0.25	0.038	mg/Kg	1	☼	6010C	Total/NA
Calcium	9620	F1	63.6	4.2	mg/Kg	1	☼	6010C	Total/NA
Chromium	27.9	F1 F2	0.64	0.25	mg/Kg	1	☼	6010C	Total/NA
Cobalt	8.8		0.64	0.064	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP-3 2-3' (Continued) — Lab Sample ID: 480-202112-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	39.2		1.3	0.27	mg/Kg	1	☼	6010C	Total/NA
Iron	17700	F2 B	12.7	4.5	mg/Kg	1	☼	6010C	Total/NA
Lead	54.3	F1 F2	1.3	0.31	mg/Kg	1	☼	6010C	Total/NA
Magnesium	1930	F1 F2 B	25.4	1.2	mg/Kg	1	☼	6010C	Total/NA
Manganese	129	F1 F2	0.25	0.041	mg/Kg	1	☼	6010C	Total/NA
Nickel	29.1	F1	6.4	0.29	mg/Kg	1	☼	6010C	Total/NA
Potassium	878		38.2	25.4	mg/Kg	1	☼	6010C	Total/NA
Selenium	0.86	J	5.1	0.51	mg/Kg	1	☼	6010C	Total/NA
Sodium	299		178	16.5	mg/Kg	1	☼	6010C	Total/NA
Thallium	2.2	J	7.6	0.38	mg/Kg	1	☼	6010C	Total/NA
Vanadium	17.5	F1 F2	0.64	0.14	mg/Kg	1	☼	6010C	Total/NA
Zinc	62.8	F1 B	2.5	0.81	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.11		0.026	0.0059	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-2 2-3' — Lab Sample ID: 480-202112-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	140	F1 vs	38	2.8	ug/Kg	1	☼	8260C	Total/NA
Acetone	750	F1 vs	38	6.4	ug/Kg	1	☼	8260C	Total/NA
Carbon disulfide	5.6	J F1 vs	7.7	3.8	ug/Kg	1	☼	8260C	Total/NA
Acenaphthene	620	J	2600	390	ug/Kg	10	☼	8270D	Total/NA
Acenaphthylene	1900	J	2600	340	ug/Kg	10	☼	8270D	Total/NA
Anthracene	3300		2600	650	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]anthracene	16000		2600	260	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]pyrene	18000		2600	390	ug/Kg	10	☼	8270D	Total/NA
Benzo[b]fluoranthene	20000		2600	420	ug/Kg	10	☼	8270D	Total/NA
Benzo[g,h,i]perylene	12000		2600	280	ug/Kg	10	☼	8270D	Total/NA
Benzo[k]fluoranthene	11000		2600	340	ug/Kg	10	☼	8270D	Total/NA
Carbazole	2400	J	2600	310	ug/Kg	10	☼	8270D	Total/NA
Chrysene	17000		2600	590	ug/Kg	10	☼	8270D	Total/NA
Dibenz(a,h)anthracene	3800		2600	470	ug/Kg	10	☼	8270D	Total/NA
Dibenzofuran	510	J	2600	310	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	36000		2600	280	ug/Kg	10	☼	8270D	Total/NA
Fluorene	990	J	2600	310	ug/Kg	10	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	12000		2600	330	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene	16000		2600	390	ug/Kg	10	☼	8270D	Total/NA
Pyrene	30000		2600	310	ug/Kg	10	☼	8270D	Total/NA
4,4'-DDD	8.4	J	26	5.0	ug/Kg	10	☼	8081B	Total/NA
4,4'-DDE	7.4	J	26	5.4	ug/Kg	10	☼	8081B	Total/NA
4,4'-DDT	13	J	26	6.0	ug/Kg	10	☼	8081B	Total/NA
Endrin ketone	14	J	26	6.3	ug/Kg	10	☼	8081B	Total/NA
Methoxychlor	14	J	26	5.3	ug/Kg	10	☼	8081B	Total/NA
Perfluorohexanoic acid	0.048	J I	0.31	0.030	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorooctanoic acid	0.19	J	0.31	0.034	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorohexanesulfonic acid	0.078	J	0.31	0.030	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorooctanesulfonic acid	2.3		0.31	0.055	ng/g	1	☼	537 (Modified)	Total/NA
Perfluoroheptanesulfonic acid	0.037	J	0.31	0.031	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorobutanoic acid	0.11	J	0.31	0.038	ng/g	1	☼	537 (Modified)	Total/NA
Aluminum	13100		15.6	6.9	mg/Kg	1	☼	6010C	Total/NA
Antimony	7.6	J	23.4	0.62	mg/Kg	1	☼	6010C	Total/NA
Arsenic	22.9		3.1	0.62	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP-2 2-3' (Continued) — Lab Sample ID: 480-202112-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	281		0.78	0.17	mg/Kg	1	☼	6010C	Total/NA
Beryllium	1.1		0.31	0.044	mg/Kg	1	☼	6010C	Total/NA
Cadmium	1.5		0.31	0.047	mg/Kg	1	☼	6010C	Total/NA
Calcium	17700		78.0	5.1	mg/Kg	1	☼	6010C	Total/NA
Chromium	30.0		0.78	0.31	mg/Kg	1	☼	6010C	Total/NA
Cobalt	12.4		0.78	0.078	mg/Kg	1	☼	6010C	Total/NA
Copper	99.5		1.6	0.33	mg/Kg	1	☼	6010C	Total/NA
Iron	49500	B	15.6	5.5	mg/Kg	1	☼	6010C	Total/NA
Lead	601		1.6	0.37	mg/Kg	1	☼	6010C	Total/NA
Magnesium	6810	B	31.2	1.4	mg/Kg	1	☼	6010C	Total/NA
Manganese	506		0.31	0.050	mg/Kg	1	☼	6010C	Total/NA
Nickel	42.2		7.8	0.36	mg/Kg	1	☼	6010C	Total/NA
Potassium	3040		46.8	31.2	mg/Kg	1	☼	6010C	Total/NA
Selenium	2.4	J	6.2	0.62	mg/Kg	1	☼	6010C	Total/NA
Sodium	247		218	20.3	mg/Kg	1	☼	6010C	Total/NA
Thallium	1.8	J	9.4	0.47	mg/Kg	1	☼	6010C	Total/NA
Vanadium	34.5		0.78	0.17	mg/Kg	1	☼	6010C	Total/NA
Zinc	455	B	3.1	1.0	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.61		0.028	0.0066	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-1 2-3' — Lab Sample ID: 480-202112-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	390	J	1100	220	ug/Kg	5	☼	8270D	Total/NA
Acenaphthene	840	J	1100	160	ug/Kg	5	☼	8270D	Total/NA
Anthracene	2000		1100	270	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]anthracene	2700		1100	110	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	2100		1100	160	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	2200		1100	170	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	1100		1100	120	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	1200		1100	140	ug/Kg	5	☼	8270D	Total/NA
Carbazole	690	J	1100	130	ug/Kg	5	☼	8270D	Total/NA
Chrysene	2700		1100	240	ug/Kg	5	☼	8270D	Total/NA
Dibenz(a,h)anthracene	390	J	1100	190	ug/Kg	5	☼	8270D	Total/NA
Dibenzofuran	470	J	1100	130	ug/Kg	5	☼	8270D	Total/NA
Diethyl phthalate	180	J B	1100	140	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	4700		1100	120	ug/Kg	5	☼	8270D	Total/NA
Fluorene	910	J	1100	130	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	950	J	1100	140	ug/Kg	5	☼	8270D	Total/NA
Naphthalene	310	J	1100	140	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	5200		1100	160	ug/Kg	5	☼	8270D	Total/NA
Pyrene	4600		1100	130	ug/Kg	5	☼	8270D	Total/NA
Aluminum	13800		13.3	5.9	mg/Kg	1	☼	6010C	Total/NA
Antimony	0.62	J	20.0	0.53	mg/Kg	1	☼	6010C	Total/NA
Arsenic	8.3		2.7	0.53	mg/Kg	1	☼	6010C	Total/NA
Barium	222		0.67	0.15	mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.67		0.27	0.037	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.42		0.27	0.040	mg/Kg	1	☼	6010C	Total/NA
Calcium	9310		66.7	4.4	mg/Kg	1	☼	6010C	Total/NA
Chromium	19.1		0.67	0.27	mg/Kg	1	☼	6010C	Total/NA
Cobalt	9.6		0.67	0.067	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP-1 2-3' (Continued)

Lab Sample ID: 480-202112-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	35.9		1.3	0.28	mg/Kg	1	☼	6010C	Total/NA
Iron	19700	B	13.3	4.7	mg/Kg	1	☼	6010C	Total/NA
Lead	247		1.3	0.32	mg/Kg	1	☼	6010C	Total/NA
Magnesium	6640	B	26.7	1.2	mg/Kg	1	☼	6010C	Total/NA
Manganese	223		0.27	0.043	mg/Kg	1	☼	6010C	Total/NA
Nickel	27.0		6.7	0.31	mg/Kg	1	☼	6010C	Total/NA
Potassium	3020		40.0	26.7	mg/Kg	1	☼	6010C	Total/NA
Sodium	130	J	187	17.3	mg/Kg	1	☼	6010C	Total/NA
Thallium	0.58	J	8.0	0.40	mg/Kg	1	☼	6010C	Total/NA
Vanadium	29.2		0.67	0.15	mg/Kg	1	☼	6010C	Total/NA
Zinc	133	B	2.7	0.85	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.39		0.026	0.0060	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-24 3-5'
Date Collected: 09/26/22 09:25
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-1
Matrix: Solid
Percent Solids: 83.7

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	H H3	2.6	0.19	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
1,1,2,2-Tetrachloroethane	ND	H H3	2.6	0.43	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	2.6	0.60	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
1,1,2-Trichloroethane	ND	H H3	2.6	0.34	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
1,1-Dichloroethane	ND	H H3	2.6	0.32	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
1,1-Dichloroethene	ND	H H3	2.6	0.32	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
1,2,4-Trichlorobenzene	ND	H H3	2.6	0.16	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
1,2,4-Trimethylbenzene	ND	H H3	2.6	0.51	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
1,2-Dibromo-3-Chloropropane	ND	H H3	2.6	1.3	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
1,2-Dichlorobenzene	ND	H H3	2.6	0.21	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
1,2-Dichloroethane	ND	H H3	2.6	0.13	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
1,2-Dichloropropane	ND	H H3	2.6	1.3	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
1,3,5-Trimethylbenzene	ND	H H3	2.6	0.17	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
1,3-Dichlorobenzene	ND	H H3	2.6	0.14	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
1,4-Dichlorobenzene	ND	H H3	2.6	0.37	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
2-Butanone (MEK)	**2.7**	**J H H3**	13	0.97	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
2-Hexanone	ND	H H3	13	1.3	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
4-Isopropyltoluene	ND	H H3	2.6	0.21	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	13	0.87	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Acetone	**21**	**H H3**	13	2.2	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Benzene	ND	H H3	2.6	0.13	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Bromoform	ND	H H3	2.6	1.3	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Bromomethane	ND	H H3	2.6	0.24	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Carbon disulfide	ND	H H3	2.6	1.3	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Carbon tetrachloride	ND	H H3	2.6	0.26	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Chlorobenzene	ND	H H3	2.6	0.35	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Dibromochloromethane	ND	H H3	2.6	0.34	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Chloroethane	ND	H H3	2.6	0.60	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Chloroform	ND	H H3	2.6	0.16	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Chloromethane	ND	H H3	2.6	0.16	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
cis-1,2-Dichloroethene	ND	H H3	2.6	0.34	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Cyclohexane	ND	H H3	2.6	0.37	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Bromodichloromethane	ND	H H3	2.6	0.35	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Dichlorodifluoromethane	ND	H H3	2.6	0.22	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Ethylbenzene	ND	H H3	2.6	0.18	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
1,2-Dibromoethane	ND	H H3	2.6	0.34	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Isopropylbenzene	ND	H H3	2.6	0.40	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Methyl acetate	ND	H H3	13	1.6	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Methyl tert-butyl ether	ND	H H3	2.6	0.26	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Methylcyclohexane	ND	H H3	2.6	0.40	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Methylene Chloride	ND	H H3	2.6	1.2	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
m,p-Xylene	ND	H H3	5.3	0.44	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Naphthalene	ND	H H3	2.6	0.35	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
n-Butylbenzene	ND	H H3	2.6	0.23	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
N-Propylbenzene	ND	H H3	2.6	0.21	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
o-Xylene	ND	H H3	2.6	0.34	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
sec-Butylbenzene	ND	H H3	2.6	0.23	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Tetrachloroethene	ND	H H3	2.6	0.35	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Toluene	ND	H H3	2.6	0.20	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1

Client Sample ID: TP-24 3-5'
Date Collected: 09/26/22 09:25
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-1
Matrix: Solid
Percent Solids: 83.7

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND	H H3	2.6	0.27	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
trans-1,3-Dichloropropene	ND	H H3	2.6	1.2	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Trichloroethene	ND	H H3	2.6	0.58	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Trichlorofluoromethane	ND	H H3	2.6	0.25	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Vinyl chloride	ND	H H3	2.6	0.32	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Xylenes, Total	ND	H H3	5.3	0.44	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
cis-1,3-Dichloropropene	ND	H H3	2.6	0.38	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
Styrene	ND	H H3	2.6	0.13	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1
tert-Butylbenzene	ND	H H3	2.6	0.27	ug/Kg	☼	09/28/22 16:30	10/02/22 21:44	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
column bleed	*8.3*	*T H H3 J*	*ug/Kg*	☼	*9.59*	*N/A*	*09/28/22 16:30*	*10/02/22 21:44*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*	*09/28/22 16:30*	*10/02/22 21:44*	*1*
4-Bromofluorobenzene (Surr)	*84*		*72 - 126*	*09/28/22 16:30*	*10/02/22 21:44*	*1*
Toluene-d8 (Surr)	*113*		*71 - 125*	*09/28/22 16:30*	*10/02/22 21:44*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*	*09/28/22 16:30*	*10/02/22 21:44*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		200	29	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
bis (2-chloroisopropyl) ether	ND		200	40	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
2,4,5-Trichlorophenol	ND		200	54	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
2,4,6-Trichlorophenol	ND		200	40	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
2,4-Dichlorophenol	ND		200	21	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
2,4-Dimethylphenol	ND		200	48	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
2,4-Dinitrophenol	ND		1900	920	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
2,4-Dinitrotoluene	ND		200	41	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
2,6-Dinitrotoluene	ND		200	23	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
2-Chloronaphthalene	ND		200	33	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
1,4-Dioxane	ND		120	64	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
2-Chlorophenol	ND		390	36	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
2-Methylnaphthalene	ND		200	40	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
2-Methylphenol	ND		200	23	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
2-Nitroaniline	ND		390	29	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
2-Nitrophenol	ND		200	56	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
3,3'-Dichlorobenzidine	ND		390	230	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
3-Nitroaniline	ND		390	55	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
4,6-Dinitro-2-methylphenol	ND		390	200	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
4-Bromophenyl phenyl ether	ND		200	28	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
4-Chloro-3-methylphenol	ND		200	49	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
4-Chloroaniline	ND		200	49	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
4-Chlorophenyl phenyl ether	ND		200	25	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
4-Methylphenol	ND		390	23	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
4-Nitroaniline	ND		390	100	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
4-Nitrophenol	ND		390	140	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Acenaphthene	ND		200	29	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Acenaphthylene	ND		200	26	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Acetophenone	ND		200	27	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-24 3-5'
Date Collected: 09/26/22 09:25
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-1
Matrix: Solid
Percent Solids: 83.7

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		200	49	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Atrazine	ND		200	69	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Benzaldehyde	ND		200	160	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Benzo[a]anthracene	ND		200	20	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Benzo[a]pyrene	ND		200	29	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Benzo[b]fluoranthene	**42**	**J**	200	32	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Benzo[g,h,i]perylene	ND		200	21	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Benzo[k]fluoranthene	ND		200	26	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Bis(2-chloroethoxy)methane	ND		200	42	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Bis(2-chloroethyl)ether	ND		200	26	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Bis(2-ethylhexyl) phthalate	ND		200	68	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Butyl benzyl phthalate	ND		200	33	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Caprolactam	ND		200	60	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Carbazole	ND		200	23	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Chrysene	**56**	**J**	200	44	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Di-n-butyl phthalate	ND		200	34	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Di-n-octyl phthalate	ND		200	23	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Dibenz(a,h)anthracene	ND		200	35	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Dibenzofuran	ND		200	23	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Diethyl phthalate	**210**	**B**	200	26	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Dimethyl phthalate	ND		200	23	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Fluoranthene	**59**	**J**	200	21	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Fluorene	ND		200	23	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Hexachlorobenzene	ND		200	27	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Hexachlorobutadiene	ND		200	29	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Hexachlorocyclopentadiene	ND		200	27	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Hexachloroethane	ND		200	26	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Indeno[1,2,3-cd]pyrene	ND		200	25	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Isophorone	ND		200	42	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
N-Nitrosodi-n-propylamine	ND		200	34	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
N-Nitrosodiphenylamine	ND		200	160	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Naphthalene	ND		200	26	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Nitrobenzene	ND		200	22	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Pentachlorophenol	ND		390	200	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Phenanthrene	**89**	**J**	200	29	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Phenol	ND		200	30	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1
Pyrene	ND		200	23	ug/Kg	☼	09/29/22 15:38	09/30/22 19:03	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1400*	*T J*	*ug/Kg*	☼	*2.83*	*N/A*	*09/29/22 15:38*	*09/30/22 19:03*	*1*
Unknown	*290*	*T J*	*ug/Kg*	☼	*10.00*	*N/A*	*09/29/22 15:38*	*09/30/22 19:03*	*1*
Unknown	*280*	*T J*	*ug/Kg*	☼	*10.20*	*N/A*	*09/29/22 15:38*	*09/30/22 19:03*	*1*
Unknown	*3100*	*T J*	*ug/Kg*	☼	*11.35*	*N/A*	*09/29/22 15:38*	*09/30/22 19:03*	*1*
Unknown	*2100*	*T J*	*ug/Kg*	☼	*12.36*	*N/A*	*09/29/22 15:38*	*09/30/22 19:03*	*1*
Unknown	*270*	*T J*	*ug/Kg*	☼	*12.72*	*N/A*	*09/29/22 15:38*	*09/30/22 19:03*	*1*
Unknown	*290*	*T J*	*ug/Kg*	☼	*12.83*	*N/A*	*09/29/22 15:38*	*09/30/22 19:03*	*1*
Unknown	*420*	*T J*	*ug/Kg*	☼	*13.05*	*N/A*	*09/29/22 15:38*	*09/30/22 19:03*	*1*
Unknown	*250*	*T J*	*ug/Kg*	☼	*13.10*	*N/A*	*09/29/22 15:38*	*09/30/22 19:03*	*1*
Unknown	*340*	*T J*	*ug/Kg*	☼	*13.36*	*N/A*	*09/29/22 15:38*	*09/30/22 19:03*	*1*
Unknown	*250*	*T J*	*ug/Kg*	☼	*14.39*	*N/A*	*09/29/22 15:38*	*09/30/22 19:03*	*1*

Client Sample ID: TP-24 3-5'

Date Collected: 09/26/22 09:25
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-1

Matrix: Solid
Percent Solids: 83.7

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	330	T J	ug/Kg	☼	14.82	N/A	09/29/22 15:38	09/30/22 19:03	1
.gamma.-Sitosterol	3700	T J N	ug/Kg	☼	15.09	83-47-6	09/29/22 15:38	09/30/22 19:03	1
Unknown	1100	T J	ug/Kg	☼	15.13	N/A	09/29/22 15:38	09/30/22 19:03	1
Unknown	290	T J	ug/Kg	☼	15.26	N/A	09/29/22 15:38	09/30/22 19:03	1
Unknown	620	T J	ug/Kg	☼	15.41	N/A	09/29/22 15:38	09/30/22 19:03	1
Unknown	500	T J	ug/Kg	☼	15.50	N/A	09/29/22 15:38	09/30/22 19:03	1
Unknown	710	T J	ug/Kg	☼	15.54	N/A	09/29/22 15:38	09/30/22 19:03	1
Unknown	2200	T J	ug/Kg	☼	15.58	N/A	09/29/22 15:38	09/30/22 19:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	110		54 - 120	09/29/22 15:38	09/30/22 19:03	1
2-Fluorobiphenyl	115		60 - 120	09/29/22 15:38	09/30/22 19:03	1
2-Fluorophenol	101		52 - 120	09/29/22 15:38	09/30/22 19:03	1
Nitrobenzene-d5	104		53 - 120	09/29/22 15:38	09/30/22 19:03	1
p-Terphenyl-d14	132	S1+	79 - 130	09/29/22 15:38	09/30/22 19:03	1
Phenol-d5	85		54 - 120	09/29/22 15:38	09/30/22 19:03	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		9.7	1.9	ug/Kg	☼	10/03/22 15:41	10/04/22 11:28	5
4,4'-DDE	ND		9.7	2.0	ug/Kg	☼	10/03/22 15:41	10/04/22 11:28	5
4,4'-DDT	ND		9.7	2.3	ug/Kg	☼	10/03/22 15:41	10/04/22 11:28	5
Aldrin	ND		9.7	2.4	ug/Kg	☼	10/03/22 15:41	10/04/22 11:28	5
alpha-BHC	ND		9.7	1.7	ug/Kg	☼	10/03/22 15:41	10/04/22 11:28	5
cis-Chlordane	ND		9.7	4.8	ug/Kg	☼	10/03/22 15:41	10/04/22 11:28	5
beta-BHC	ND		9.7	1.7	ug/Kg	☼	10/03/22 15:41	10/04/22 11:28	5
delta-BHC	ND		9.7	1.8	ug/Kg	☼	10/03/22 15:41	10/04/22 11:28	5
Dieldrin	ND		9.7	2.3	ug/Kg	☼	10/03/22 15:41	10/04/22 11:28	5
Endosulfan I	ND		9.7	1.9	ug/Kg	☼	10/03/22 15:41	10/04/22 11:28	5
Endosulfan II	ND		9.7	1.7	ug/Kg	☼	10/03/22 15:41	10/04/22 11:28	5
Endosulfan sulfate	ND		9.7	1.8	ug/Kg	☼	10/03/22 15:41	10/04/22 11:28	5
Endrin	ND		9.7	1.9	ug/Kg	☼	10/03/22 15:41	10/04/22 11:28	5
Endrin aldehyde	ND		9.7	2.5	ug/Kg	☼	10/03/22 15:41	10/04/22 11:28	5
Endrin ketone	ND		9.7	2.4	ug/Kg	☼	10/03/22 15:41	10/04/22 11:28	5
gamma-BHC (Lindane)	ND		9.7	1.8	ug/Kg	☼	10/03/22 15:41	10/04/22 11:28	5
trans-Chlordane	ND		9.7	3.1	ug/Kg	☼	10/03/22 15:41	10/04/22 11:28	5
Heptachlor	ND		9.7	2.1	ug/Kg	☼	10/03/22 15:41	10/04/22 11:28	5
Heptachlor epoxide	ND		9.7	2.5	ug/Kg	☼	10/03/22 15:41	10/04/22 11:28	5
Methoxychlor	ND		9.7	2.0	ug/Kg	☼	10/03/22 15:41	10/04/22 11:28	5
Toxaphene	ND		97	56	ug/Kg	☼	10/03/22 15:41	10/04/22 11:28	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	114		45 - 120	10/03/22 15:41	10/04/22 11:28	5
DCB Decachlorobiphenyl	102		45 - 120	10/03/22 15:41	10/04/22 11:28	5
Tetrachloro-m-xylene	105		30 - 124	10/03/22 15:41	10/04/22 11:28	5
Tetrachloro-m-xylene	78		30 - 124	10/03/22 15:41	10/04/22 11:28	5

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.047	mg/Kg	☼	09/30/22 16:34	10/02/22 23:10	1

Client Sample ID: TP-24 3-5'
Date Collected: 09/26/22 09:25
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-1
Matrix: Solid
Percent Solids: 83.7

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		0.24	0.047	mg/Kg	☼	09/30/22 16:34	10/02/22 23:10	1
PCB-1232	ND		0.24	0.047	mg/Kg	☼	09/30/22 16:34	10/02/22 23:10	1
PCB-1242	ND		0.24	0.047	mg/Kg	☼	09/30/22 16:34	10/02/22 23:10	1
PCB-1248	ND		0.24	0.047	mg/Kg	☼	09/30/22 16:34	10/02/22 23:10	1
PCB-1254	ND		0.24	0.11	mg/Kg	☼	09/30/22 16:34	10/02/22 23:10	1
PCB-1260	ND		0.24	0.11	mg/Kg	☼	09/30/22 16:34	10/02/22 23:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*97*		*60 - 154*	*09/30/22 16:34*	*10/02/22 23:10*	*1*
Tetrachloro-m-xylene	*111*		*60 - 154*	*09/30/22 16:34*	*10/02/22 23:10*	*1*
DCB Decachlorobiphenyl	*98*		*65 - 174*	*09/30/22 16:34*	*10/02/22 23:10*	*1*
DCB Decachlorobiphenyl	*124*		*65 - 174*	*09/30/22 16:34*	*10/02/22 23:10*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		20	6.3	ug/Kg	☼	10/04/22 07:41	10/06/22 16:12	1
Silvex (2,4,5-TP)	ND		20	7.1	ug/Kg	☼	10/04/22 07:41	10/06/22 16:12	1
2,4-D	ND		20	12	ug/Kg	☼	10/04/22 07:41	10/06/22 16:12	1
Dichlorprop	ND		20	9.9	ug/Kg	☼	10/04/22 07:41	10/06/22 16:12	1
Pentachlorophenol	ND		20	6.5	ug/Kg	☼	10/04/22 07:41	10/06/22 16:12	1
Picloram	ND		20	8.5	ug/Kg	☼	10/04/22 07:41	10/06/22 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*95*		*28 - 129*	*10/04/22 07:41*	*10/06/22 16:12*	*1*
2,4-Dichlorophenylacetic acid	*80*		*28 - 129*	*10/04/22 07:41*	*10/06/22 16:12*	*1*

Method: EPA 537 (Modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**0.033**	**J**	0.24	0.023	ng/g	☼	10/05/22 11:50	10/18/22 00:04	1
Perfluoroheptanoic acid	ND		0.24	0.029	ng/g	☼	10/05/22 11:50	10/18/22 00:04	1
Perfluorooctanoic acid	**0.12**	**J**	0.24	0.026	ng/g	☼	10/05/22 11:50	10/18/22 00:04	1
Perfluorononanoic acid	ND		0.24	0.027	ng/g	☼	10/05/22 11:50	10/18/22 00:04	1
Perfluorodecanoic acid	ND		0.24	0.029	ng/g	☼	10/05/22 11:50	10/18/22 00:04	1
Perfluorotridecanoic acid	ND		0.24	0.025	ng/g	☼	10/05/22 11:50	10/18/22 00:04	1
Perfluorotetradecanoic acid	ND		0.24	0.029	ng/g	☼	10/05/22 11:50	10/18/22 00:04	1
Perfluorobutanesulfonic acid	ND		0.48	0.43	ng/g	☼	10/05/22 11:50	10/18/22 00:04	1
Perfluorohexanesulfonic acid	ND		0.24	0.023	ng/g	☼	10/05/22 11:50	10/18/22 00:04	1
Perfluorooctanesulfonic acid	ND		0.24	0.042	ng/g	☼	10/05/22 11:50	10/18/22 00:04	1
NEtFOSAA	ND		0.24	0.026	ng/g	☼	10/05/22 11:50	10/18/22 00:04	1
NMeFOSAA	ND		0.24	0.037	ng/g	☼	10/05/22 11:50	10/18/22 00:04	1
Perfluoroheptanesulfonic acid	ND		0.24	0.024	ng/g	☼	10/05/22 11:50	10/18/22 00:04	1
Perfluorodecanesulfonic acid	ND		0.24	0.025	ng/g	☼	10/05/22 11:50	10/18/22 00:04	1
Perfluorooctanesulfonamide	ND		0.24	0.025	ng/g	☼	10/05/22 11:50	10/18/22 00:04	1
Perfluorobutanoic acid	ND		0.24	0.029	ng/g	☼	10/05/22 11:50	10/18/22 00:04	1
Perfluoroundecanoic acid	ND		0.24	0.067	ng/g	☼	10/05/22 11:50	10/18/22 00:04	1
Perfluorododecanoic acid	ND		0.24	0.027	ng/g	☼	10/05/22 11:50	10/18/22 00:04	1
6:2 Fluorotelomer sulfonic acid	ND		0.24	0.058	ng/g	☼	10/05/22 11:50	10/18/22 00:04	1
8:2 Fluorotelomer sulfonic acid	ND		0.24	0.020	ng/g	☼	10/05/22 11:50	10/18/22 00:04	1
Perfluoropentanoic acid	ND		0.24	0.029	ng/g	☼	10/05/22 11:50	10/18/22 00:04	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-24 3-5'

Date Collected: 09/26/22 09:25
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-1

Matrix: Solid
Percent Solids: 83.7

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-8:2 FTS	150		15 - 200	10/05/22 11:50	10/18/22 00:04	1
M2-6:2 FTS	182		10 - 200	10/05/22 11:50	10/18/22 00:04	1
13C5 PFHxA	68		10 - 174	10/05/22 11:50	10/18/22 00:04	1
13C4 PFHpA	72		10 - 178	10/05/22 11:50	10/18/22 00:04	1
13C8 PFOA	70		26 - 159	10/05/22 11:50	10/18/22 00:04	1
13C9 PFNA	107		26 - 165	10/05/22 11:50	10/18/22 00:04	1
13C6 PFDA	79		26 - 161	10/05/22 11:50	10/18/22 00:04	1
13C7 PFUnA	80		12 - 173	10/05/22 11:50	10/18/22 00:04	1
13C2-PFDoDA	73		11 - 166	10/05/22 11:50	10/18/22 00:04	1
13C2 PFTeDA	76		10 - 169	10/05/22 11:50	10/18/22 00:04	1
13C3 PFBS	76		27 - 179	10/05/22 11:50	10/18/22 00:04	1
13C3 PFHxS	68		24 - 171	10/05/22 11:50	10/18/22 00:04	1
13C8 PFOS	85		41 - 154	10/05/22 11:50	10/18/22 00:04	1
d3-NMeFOSAA	76		10 - 178	10/05/22 11:50	10/18/22 00:04	1
d5-NEtFOSAA	80		10 - 193	10/05/22 11:50	10/18/22 00:04	1
13C8 FOSA	22		14 - 163	10/05/22 11:50	10/18/22 00:04	1
13C4 PFBA	77		28 - 153	10/05/22 11:50	10/18/22 00:04	1
13C5 PFPeA	75		24 - 161	10/05/22 11:50	10/18/22 00:04	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6020		11.5	5.1	mg/Kg	☼	09/29/22 11:46	09/30/22 22:11	1
Antimony	2.0	J	17.3	0.46	mg/Kg	☼	09/29/22 11:46	09/30/22 22:11	1
Arsenic	10.7		2.3	0.46	mg/Kg	☼	09/29/22 11:46	09/30/22 22:11	1
Barium	59.7		0.58	0.13	mg/Kg	☼	09/29/22 11:46	09/30/22 22:11	1
Beryllium	0.75		0.23	0.032	mg/Kg	☼	09/29/22 11:46	09/30/22 22:11	1
Cadmium	0.29		0.23	0.035	mg/Kg	☼	09/29/22 11:46	09/30/22 22:11	1
Calcium	20600		57.7	3.8	mg/Kg	☼	09/29/22 11:46	09/30/22 22:11	1
Chromium	17.3		0.58	0.23	mg/Kg	☼	09/29/22 11:46	09/30/22 22:11	1
Cobalt	8.1		0.58	0.058	mg/Kg	☼	09/29/22 11:46	09/30/22 22:11	1
Copper	50.7		1.2	0.24	mg/Kg	☼	09/29/22 11:46	09/30/22 22:11	1
Iron	30600		11.5	4.0	mg/Kg	☼	09/29/22 11:46	09/30/22 22:11	1
Lead	68.5		1.2	0.28	mg/Kg	☼	09/29/22 11:46	09/30/22 22:11	1
Magnesium	3040	B	23.1	1.1	mg/Kg	☼	09/29/22 11:46	09/30/22 22:11	1
Manganese	292	B	0.23	0.037	mg/Kg	☼	09/29/22 11:46	09/30/22 22:11	1
Nickel	20.4		5.8	0.27	mg/Kg	☼	09/29/22 11:46	09/30/22 22:11	1
Potassium	1460		34.6	23.1	mg/Kg	☼	09/29/22 11:46	09/30/22 22:11	1
Selenium	2.0	J B	4.6	0.46	mg/Kg	☼	09/29/22 11:46	09/30/22 22:11	1
Silver	ND		0.69	0.23	mg/Kg	☼	09/29/22 11:46	09/30/22 22:11	1
Sodium	276		161	15.0	mg/Kg	☼	09/29/22 11:46	10/03/22 19:27	1
Thallium	1.3	J	6.9	0.35	mg/Kg	☼	09/29/22 11:46	09/30/22 22:11	1
Vanadium	22.1		0.58	0.13	mg/Kg	☼	09/29/22 11:46	09/30/22 22:11	1
Zinc	43.1		2.3	0.74	mg/Kg	☼	09/29/22 11:46	09/30/22 22:11	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11		0.025	0.0057	mg/Kg	☼	09/30/22 09:54	09/30/22 13:07	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-23 2-3'
Date Collected: 09/26/22 12:05
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-2
Matrix: Solid
Percent Solids: 80.5

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		210	31	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
bis (2-chloroisopropyl) ether	ND		210	42	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
2,4,5-Trichlorophenol	ND		210	57	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
2,4,6-Trichlorophenol	ND		210	42	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
2,4-Dichlorophenol	ND		210	22	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
2,4-Dimethylphenol	ND		210	51	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
2,4-Dinitrophenol	ND		2000	970	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
2,4-Dinitrotoluene	ND		210	43	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
2,6-Dinitrotoluene	ND		210	25	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
2-Chloronaphthalene	ND		210	35	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
1,4-Dioxane	ND		120	68	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
2-Chlorophenol	ND		410	38	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
2-Methylnaphthalene	ND		210	42	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
2-Methylphenol	ND		210	25	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
2-Nitroaniline	ND		410	31	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
2-Nitrophenol	ND		210	59	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
3,3'-Dichlorobenzidine	ND		410	250	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
3-Nitroaniline	ND		410	58	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
4,6-Dinitro-2-methylphenol	ND		410	210	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
4-Bromophenyl phenyl ether	ND		210	30	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
4-Chloro-3-methylphenol	ND		210	52	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
4-Chloroaniline	ND		210	52	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
4-Chlorophenyl phenyl ether	ND		210	26	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
4-Methylphenol	ND		410	25	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
4-Nitroaniline	ND		410	110	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
4-Nitrophenol	ND		410	150	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Acenaphthene	ND		210	31	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Acenaphthylene	ND		210	27	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Acetophenone	ND		210	28	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Anthracene	ND		210	52	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Atrazine	ND		210	73	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Benzaldehyde	ND		210	170	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Benzo[a]anthracene	ND		210	21	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Benzo[a]pyrene	ND		210	31	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Benzo[b]fluoranthene	ND		210	33	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Benzo[g,h,i]perylene	ND		210	22	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Benzo[k]fluoranthene	ND		210	27	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Bis(2-chloroethoxy)methane	ND		210	44	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Bis(2-chloroethyl)ether	ND		210	27	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Bis(2-ethylhexyl) phthalate	ND		210	71	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Butyl benzyl phthalate	ND		210	35	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Caprolactam	ND		210	63	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Carbazole	ND		210	25	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Chrysene	ND		210	47	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Di-n-butyl phthalate	ND		210	36	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Di-n-octyl phthalate	ND		210	25	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Dibenz(a,h)anthracene	ND		210	37	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Dibenzofuran	ND		210	25	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Diethyl phthalate	**340**	**B**	210	27	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1

Client Sample ID: TP-23 2-3'

Date Collected: 09/26/22 12:05
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-2

Matrix: Solid
Percent Solids: 80.5

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		210	25	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Fluoranthene	ND		210	22	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Fluorene	ND		210	25	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Hexachlorobenzene	ND		210	28	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Hexachlorobutadiene	ND		210	31	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Hexachlorocyclopentadiene	ND		210	28	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Hexachloroethane	ND		210	27	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Indeno[1,2,3-cd]pyrene	ND		210	26	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Isophorone	ND		210	44	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
N-Nitrosodi-n-propylamine	ND		210	36	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
N-Nitrosodiphenylamine	ND		210	170	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Naphthalene	ND		210	27	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Nitrobenzene	ND		210	23	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Pentachlorophenol	ND		410	210	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Phenanthrene	**36**	**J**	210	31	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Phenol	ND		210	32	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1
Pyrene	ND		210	25	ug/Kg	☼	09/29/22 15:38	09/30/22 19:27	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1400*	*T J*	*ug/Kg*	☼	*2.80*	*N/A*	*09/29/22 15:38*	*09/30/22 19:27*	*1*
Cyclic octaatomic sulfur	*480*	*T J N*	*ug/Kg*	☼	*11.68*	*10544-50-0*	*09/29/22 15:38*	*09/30/22 19:27*	*1*
Unknown	*280*	*T J*	*ug/Kg*	☼	*12.27*	*N/A*	*09/29/22 15:38*	*09/30/22 19:27*	*1*
Tricosane	*430*	*T J N*	*ug/Kg*	☼	*12.56*	*638-67-5*	*09/29/22 15:38*	*09/30/22 19:27*	*1*
Unknown	*590*	*T J*	*ug/Kg*	☼	*12.83*	*N/A*	*09/29/22 15:38*	*09/30/22 19:27*	*1*
Tetradecane, 2,6,10-trimethyl-	*680*	*T J N*	*ug/Kg*	☼	*13.10*	*14905-56-7*	*09/29/22 15:38*	*09/30/22 19:27*	*1*
Heptadecane	*580*	*T J N*	*ug/Kg*	☼	*13.35*	*629-78-7*	*09/29/22 15:38*	*09/30/22 19:27*	*1*
Eicosane	*450*	*T J N*	*ug/Kg*	☼	*13.60*	*112-95-8*	*09/29/22 15:38*	*09/30/22 19:27*	*1*
Unknown	*330*	*T J*	*ug/Kg*	☼	*13.85*	*N/A*	*09/29/22 15:38*	*09/30/22 19:27*	*1*
Unknown	*310*	*T J*	*ug/Kg*	☼	*14.08*	*N/A*	*09/29/22 15:38*	*09/30/22 19:27*	*1*
Unknown	*650*	*T J*	*ug/Kg*	☼	*15.62*	*N/A*	*09/29/22 15:38*	*09/30/22 19:27*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*103*		*54 - 120*	*09/29/22 15:38*	*09/30/22 19:27*	*1*
2-Fluorobiphenyl	*102*		*60 - 120*	*09/29/22 15:38*	*09/30/22 19:27*	*1*
2-Fluorophenol	*98*		*52 - 120*	*09/29/22 15:38*	*09/30/22 19:27*	*1*
Nitrobenzene-d5	*96*		*53 - 120*	*09/29/22 15:38*	*09/30/22 19:27*	*1*
p-Terphenyl-d14	*132*	*S1+*	*79 - 130*	*09/29/22 15:38*	*09/30/22 19:27*	*1*
Phenol-d5	*83*		*54 - 120*	*09/29/22 15:38*	*09/30/22 19:27*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3340**		12.2	5.4	mg/Kg	☼	09/29/22 11:46	09/30/22 22:15	1
Antimony	**1.3**	**J**	18.3	0.49	mg/Kg	☼	09/29/22 11:46	09/30/22 22:15	1
Arsenic	**8.2**		2.4	0.49	mg/Kg	☼	09/29/22 11:46	09/30/22 22:15	1
Barium	**87.6**		0.61	0.13	mg/Kg	☼	09/29/22 11:46	09/30/22 22:15	1
Beryllium	**0.41**		0.24	0.034	mg/Kg	☼	09/29/22 11:46	09/30/22 22:15	1
Cadmium	**0.16**	**J**	0.24	0.037	mg/Kg	☼	09/29/22 11:46	09/30/22 22:15	1
Calcium	**10600**		60.9	4.0	mg/Kg	☼	09/29/22 11:46	09/30/22 22:15	1
Chromium	**7.5**		0.61	0.24	mg/Kg	☼	09/29/22 11:46	09/30/22 22:15	1
Cobalt	**6.1**		0.61	0.061	mg/Kg	☼	09/29/22 11:46	09/30/22 22:15	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-23 2-3'
Date Collected: 09/26/22 12:05
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-2
Matrix: Solid
Percent Solids: 80.5

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	41.1		1.2	0.26	mg/Kg	☼	09/29/22 11:46	09/30/22 22:15	1
Iron	25200		12.2	4.3	mg/Kg	☼	09/29/22 11:46	09/30/22 22:15	1
Lead	14.5		1.2	0.29	mg/Kg	☼	09/29/22 11:46	09/30/22 22:15	1
Magnesium	857	B	24.3	1.1	mg/Kg	☼	09/29/22 11:46	09/30/22 22:15	1
Manganese	99.9	B	0.24	0.039	mg/Kg	☼	09/29/22 11:46	09/30/22 22:15	1
Nickel	18.3		6.1	0.28	mg/Kg	☼	09/29/22 11:46	09/30/22 22:15	1
Potassium	674		36.5	24.3	mg/Kg	☼	09/29/22 11:46	09/30/22 22:15	1
Selenium	1.5	J B	4.9	0.49	mg/Kg	☼	09/29/22 11:46	09/30/22 22:15	1
Silver	ND		0.73	0.24	mg/Kg	☼	09/29/22 11:46	09/30/22 22:15	1
Sodium	161	J	170	15.8	mg/Kg	☼	09/29/22 11:46	10/03/22 19:31	1
Thallium	0.85	J	7.3	0.37	mg/Kg	☼	09/29/22 11:46	09/30/22 22:15	1
Vanadium	14.7		0.61	0.13	mg/Kg	☼	09/29/22 11:46	09/30/22 22:15	1
Zinc	44.2		2.4	0.78	mg/Kg	☼	09/29/22 11:46	09/30/22 22:15	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.025	0.0059	mg/Kg	☼	09/30/22 09:54	09/30/22 13:08	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-22 2-3'
Date Collected: 09/26/22 13:50
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-3
Matrix: Solid
Percent Solids: 86.5

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	H H3	1.7	0.12	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
1,1,2,2-Tetrachloroethane	ND	H H3	1.7	0.27	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	H H3	1.7	0.38	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
1,1,2-Trichloroethane	ND	H H3	1.7	0.22	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
1,1-Dichloroethane	ND	H H3	1.7	0.20	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
1,1-Dichloroethene	ND	H H3	1.7	0.20	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
1,2,4-Trichlorobenzene	ND	H H3	1.7	0.10	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
1,2,4-Trimethylbenzene	ND	H H3	1.7	0.32	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
1,2-Dibromo-3-Chloropropane	ND	H H3	1.7	0.83	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
1,2-Dichlorobenzene	ND	H H3	1.7	0.13	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
1,2-Dichloroethane	ND	H H3	1.7	0.083	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
1,2-Dichloropropane	ND	H H3	1.7	0.83	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
1,3,5-Trimethylbenzene	ND	H H3	1.7	0.11	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
1,3-Dichlorobenzene	ND	H H3	1.7	0.085	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
1,4-Dichlorobenzene	ND	H H3	1.7	0.23	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
2-Butanone (MEK)	ND	H H3	8.3	0.61	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
2-Hexanone	ND	H H3	8.3	0.83	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
4-Isopropyltoluene	ND	H H3	1.7	0.13	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
4-Methyl-2-pentanone (MIBK)	ND	H H3	8.3	0.54	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Acetone	ND	H H3	8.3	1.4	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Benzene	ND	H H3	1.7	0.081	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Bromoform	ND	H H3	1.7	0.83	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Bromomethane	ND	H H3	1.7	0.15	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Carbon disulfide	ND	H H3	1.7	0.83	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Carbon tetrachloride	ND	H H3	1.7	0.16	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Chlorobenzene	ND	H H3	1.7	0.22	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Dibromochloromethane	ND	H H3	1.7	0.21	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Chloroethane	ND	H H3	1.7	0.37	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Chloroform	ND	H H3	1.7	0.10	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Chloromethane	ND	H H3	1.7	0.10	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
cis-1,2-Dichloroethene	ND	H H3	1.7	0.21	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Cyclohexane	ND	H H3	1.7	0.23	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Bromodichloromethane	ND	H H3	1.7	0.22	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Dichlorodifluoromethane	ND	H H3	1.7	0.14	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Ethylbenzene	ND	H H3	1.7	0.11	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
1,2-Dibromoethane	ND	H H3	1.7	0.21	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Isopropylbenzene	ND	H H3	1.7	0.25	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Methyl acetate	ND	H H3	8.3	1.0	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Methyl tert-butyl ether	ND	H H3	1.7	0.16	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Methylcyclohexane	ND	H H3	1.7	0.25	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Methylene Chloride	ND	H H3	1.7	0.76	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
m,p-Xylene	ND	H H3	3.3	0.28	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Naphthalene	ND	H H3	1.7	0.22	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
n-Butylbenzene	ND	H H3	1.7	0.14	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
N-Propylbenzene	ND	H H3	1.7	0.13	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
o-Xylene	ND	H H3	1.7	0.22	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
sec-Butylbenzene	ND	H H3	1.7	0.14	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Tetrachloroethene	ND	H H3	1.7	0.22	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Toluene	ND	H H3	1.7	0.13	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1

Client Sample ID: TP-22 2-3'
Date Collected: 09/26/22 13:50
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-3
Matrix: Solid
Percent Solids: 86.5

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND	H H3	1.7	0.17	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
trans-1,3-Dichloropropene	ND	H H3	1.7	0.73	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Trichloroethene	ND	H H3	1.7	0.36	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Trichlorofluoromethane	ND	H H3	1.7	0.16	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Vinyl chloride	ND	H H3	1.7	0.20	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Xylenes, Total	ND	H H3	3.3	0.28	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
cis-1,3-Dichloropropene	ND	H H3	1.7	0.24	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
Styrene	ND	H H3	1.7	0.083	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1
tert-Butylbenzene	ND	H H3	1.7	0.17	ug/Kg	☼	09/28/22 16:30	09/29/22 23:03	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
column bleed	*7.1*	*T H H3 J*	*ug/Kg*	☼	*9.59*	*N/A*	*09/28/22 16:30*	*09/29/22 23:03*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*64 - 126*	*09/28/22 16:30*	*09/29/22 23:03*	*1*
4-Bromofluorobenzene (Surr)	*81*		*72 - 126*	*09/28/22 16:30*	*09/29/22 23:03*	*1*
Toluene-d8 (Surr)	*113*		*71 - 125*	*09/28/22 16:30*	*09/29/22 23:03*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*09/28/22 16:30*	*09/29/22 23:03*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		190	28	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
bis (2-chloroisopropyl) ether	ND		190	39	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
2,4,5-Trichlorophenol	ND		190	52	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
2,4,6-Trichlorophenol	ND		190	39	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
2,4-Dichlorophenol	ND		190	20	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
2,4-Dimethylphenol	ND		190	47	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
2,4-Dinitrophenol	ND		1900	890	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
2,4-Dinitrotoluene	ND		190	40	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
2,6-Dinitrotoluene	ND		190	23	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
2-Chloronaphthalene	ND		190	32	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
1,4-Dioxane	ND		110	63	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
2-Chlorophenol	ND		380	35	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
2-Methylnaphthalene	ND		190	39	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
2-Methylphenol	ND		190	23	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
2-Nitroaniline	ND		380	28	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
2-Nitrophenol	ND		190	55	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
3,3'-Dichlorobenzidine	ND		380	230	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
3-Nitroaniline	ND		380	53	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
4,6-Dinitro-2-methylphenol	ND		380	190	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
4-Bromophenyl phenyl ether	ND		190	27	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
4-Chloro-3-methylphenol	ND		190	48	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
4-Chloroaniline	ND		190	48	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
4-Chlorophenyl phenyl ether	ND		190	24	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
4-Methylphenol	ND		380	23	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
4-Nitroaniline	ND		380	100	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
4-Nitrophenol	ND		380	140	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Acenaphthene	ND		190	28	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Acenaphthylene	ND		190	25	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Acetophenone	ND		190	26	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1

Client Sample ID: TP-22 2-3'
Date Collected: 09/26/22 13:50
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-3
Matrix: Solid
Percent Solids: 86.5

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		190	48	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Atrazine	ND		190	67	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Benzaldehyde	ND		190	150	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Benzo[a]anthracene	ND		190	19	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Benzo[a]pyrene	**50**	**J**	190	28	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Benzo[b]fluoranthene	**75**	**J**	190	31	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Benzo[g,h,i]perylene	**23**	**J**	190	20	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Benzo[k]fluoranthene	ND		190	25	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Bis(2-chloroethoxy)methane	ND		190	41	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Bis(2-chloroethyl)ether	ND		190	25	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Bis(2-ethylhexyl) phthalate	ND		190	66	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Butyl benzyl phthalate	ND		190	32	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Caprolactam	ND		190	58	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Carbazole	ND		190	23	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Chrysene	**87**	**J**	190	43	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Di-n-butyl phthalate	ND		190	33	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Di-n-octyl phthalate	ND		190	23	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Dibenz(a,h)anthracene	ND		190	34	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Dibenzofuran	ND		190	23	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Diethyl phthalate	ND		190	25	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Dimethyl phthalate	ND		190	23	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Fluoranthene	**67**	**J**	190	20	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Fluorene	ND		190	23	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Hexachlorobenzene	ND		190	26	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Hexachlorobutadiene	ND		190	28	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Hexachlorocyclopentadiene	ND		190	26	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Hexachloroethane	ND		190	25	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Indeno[1,2,3-cd]pyrene	**35**	**J**	190	24	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Isophorone	ND		190	41	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
N-Nitrosodi-n-propylamine	ND		190	33	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
N-Nitrosodiphenylamine	ND		190	160	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Naphthalene	ND		190	25	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Nitrobenzene	ND		190	22	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Pentachlorophenol	ND		380	190	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Phenanthrene	**100**	**J**	190	28	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Phenol	ND		190	30	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1
Pyrene	**75**	**J**	190	23	ug/Kg	☼	09/29/22 15:38	09/30/22 19:52	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*18000*	*T J*	*ug/Kg*	☼	*1.65*	*N/A*	*09/29/22 15:38*	*09/30/22 19:52*	*1*
Unknown	*1500*	*T J*	*ug/Kg*	☼	*2.81*	*N/A*	*09/29/22 15:38*	*09/30/22 19:52*	*1*
Unknown	*230*	*T J*	*ug/Kg*	☼	*10.00*	*N/A*	*09/29/22 15:38*	*09/30/22 19:52*	*1*
Unknown	*160*	*T J*	*ug/Kg*	☼	*11.28*	*N/A*	*09/29/22 15:38*	*09/30/22 19:52*	*1*
Unknown	*400*	*T J*	*ug/Kg*	☼	*12.56*	*N/A*	*09/29/22 15:38*	*09/30/22 19:52*	*1*
Octadecane	*520*	*T J N*	*ug/Kg*	☼	*12.84*	*593-45-3*	*09/29/22 15:38*	*09/30/22 19:52*	*1*
Heptadecane, 4-propyl-	*580*	*T J N*	*ug/Kg*	☼	*13.10*	*55044-10-5*	*09/29/22 15:38*	*09/30/22 19:52*	*1*
Tricosane, 2-methyl-	*610*	*T J N*	*ug/Kg*	☼	*13.36*	*1928-30-9*	*09/29/22 15:38*	*09/30/22 19:52*	*1*
Unknown	*470*	*T J*	*ug/Kg*	☼	*13.61*	*N/A*	*09/29/22 15:38*	*09/30/22 19:52*	*1*
Unknown	*310*	*T J*	*ug/Kg*	☼	*13.85*	*N/A*	*09/29/22 15:38*	*09/30/22 19:52*	*1*
Unknown	*220*	*T J*	*ug/Kg*	☼	*14.09*	*N/A*	*09/29/22 15:38*	*09/30/22 19:52*	*1*

Client Sample ID: TP-22 2-3'
Date Collected: 09/26/22 13:50
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-3
Matrix: Solid
Percent Solids: 86.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*104*		*54 - 120*	*09/29/22 15:38*	*09/30/22 19:52*	*1*
2-Fluorobiphenyl	*124*	*S1+*	*60 - 120*	*09/29/22 15:38*	*09/30/22 19:52*	*1*
2-Fluorophenol	*112*		*52 - 120*	*09/29/22 15:38*	*09/30/22 19:52*	*1*
Nitrobenzene-d5	*114*		*53 - 120*	*09/29/22 15:38*	*09/30/22 19:52*	*1*
p-Terphenyl-d14	*137*	*S1+*	*79 - 130*	*09/29/22 15:38*	*09/30/22 19:52*	*1*
Phenol-d5	*94*		*54 - 120*	*09/29/22 15:38*	*09/30/22 19:52*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**0.65**	**J**	1.9	0.37	ug/Kg	☼	10/03/22 15:41	10/04/22 11:47	1
4,4'-DDE	ND		1.9	0.40	ug/Kg	☼	10/03/22 15:41	10/04/22 11:47	1
4,4'-DDT	**0.55**	**J**	1.9	0.44	ug/Kg	☼	10/03/22 15:41	10/04/22 11:47	1
Aldrin	**0.65**	**J**	1.9	0.46	ug/Kg	☼	10/03/22 15:41	10/04/22 11:47	1
alpha-BHC	ND		1.9	0.34	ug/Kg	☼	10/03/22 15:41	10/04/22 11:47	1
cis-Chlordane	ND		1.9	0.94	ug/Kg	☼	10/03/22 15:41	10/04/22 11:47	1
beta-BHC	**1.0**	**J**	1.9	0.34	ug/Kg	☼	10/03/22 15:41	10/04/22 11:47	1
delta-BHC	ND		1.9	0.35	ug/Kg	☼	10/03/22 15:41	10/04/22 11:47	1
Dieldrin	ND		1.9	0.45	ug/Kg	☼	10/03/22 15:41	10/04/22 11:47	1
Endosulfan I	ND		1.9	0.36	ug/Kg	☼	10/03/22 15:41	10/04/22 11:47	1
Endosulfan II	ND		1.9	0.34	ug/Kg	☼	10/03/22 15:41	10/04/22 11:47	1
Endosulfan sulfate	ND		1.9	0.35	ug/Kg	☼	10/03/22 15:41	10/04/22 11:47	1
Endrin	ND		1.9	0.37	ug/Kg	☼	10/03/22 15:41	10/04/22 11:47	1
Endrin aldehyde	ND		1.9	0.48	ug/Kg	☼	10/03/22 15:41	10/04/22 11:47	1
Endrin ketone	**1.1**	**J**	1.9	0.46	ug/Kg	☼	10/03/22 15:41	10/04/22 11:47	1
gamma-BHC (Lindane)	ND		1.9	0.35	ug/Kg	☼	10/03/22 15:41	10/04/22 11:47	1
trans-Chlordane	ND		1.9	0.60	ug/Kg	☼	10/03/22 15:41	10/04/22 11:47	1
Heptachlor	ND		1.9	0.41	ug/Kg	☼	10/03/22 15:41	10/04/22 11:47	1
Heptachlor epoxide	ND		1.9	0.49	ug/Kg	☼	10/03/22 15:41	10/04/22 11:47	1
Methoxychlor	ND		1.9	0.38	ug/Kg	☼	10/03/22 15:41	10/04/22 11:47	1
Toxaphene	ND		19	11	ug/Kg	☼	10/03/22 15:41	10/04/22 11:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*88*		*45 - 120*	*10/03/22 15:41*	*10/04/22 11:47*	*1*
DCB Decachlorobiphenyl	*111*		*45 - 120*	*10/03/22 15:41*	*10/04/22 11:47*	*1*
Tetrachloro-m-xylene	*94*		*30 - 124*	*10/03/22 15:41*	*10/04/22 11:47*	*1*
Tetrachloro-m-xylene	*75*		*30 - 124*	*10/03/22 15:41*	*10/04/22 11:47*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.20	0.039	mg/Kg	☼	09/30/22 16:34	10/02/22 23:24	1
PCB-1221	ND		0.20	0.039	mg/Kg	☼	09/30/22 16:34	10/02/22 23:24	1
PCB-1232	ND		0.20	0.039	mg/Kg	☼	09/30/22 16:34	10/02/22 23:24	1
PCB-1242	ND		0.20	0.039	mg/Kg	☼	09/30/22 16:34	10/02/22 23:24	1
PCB-1248	ND		0.20	0.039	mg/Kg	☼	09/30/22 16:34	10/02/22 23:24	1
PCB-1254	ND		0.20	0.093	mg/Kg	☼	09/30/22 16:34	10/02/22 23:24	1
PCB-1260	ND		0.20	0.093	mg/Kg	☼	09/30/22 16:34	10/02/22 23:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*92*		*60 - 154*	*09/30/22 16:34*	*10/02/22 23:24*	*1*
Tetrachloro-m-xylene	*105*		*60 - 154*	*09/30/22 16:34*	*10/02/22 23:24*	*1*
DCB Decachlorobiphenyl	*94*		*65 - 174*	*09/30/22 16:34*	*10/02/22 23:24*	*1*

Client Sample ID: TP-22 2-3'

Date Collected: 09/26/22 13:50
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-3

Matrix: Solid
Percent Solids: 86.5

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*119*		*65 - 174*	*09/30/22 16:34*	*10/02/22 23:24*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		19	6.0	ug/Kg	☼	10/04/22 07:41	10/06/22 16:30	1
Silvex (2,4,5-TP)	ND		19	6.8	ug/Kg	☼	10/04/22 07:41	10/06/22 16:30	1
2,4-D	ND		19	12	ug/Kg	☼	10/04/22 07:41	10/06/22 16:30	1
Dichlorprop	ND		19	9.4	ug/Kg	☼	10/04/22 07:41	10/06/22 16:30	1
Pentachlorophenol	ND		19	6.1	ug/Kg	☼	10/04/22 07:41	10/06/22 16:30	1
Picloram	ND		19	8.1	ug/Kg	☼	10/04/22 07:41	10/06/22 16:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	*96*		*28 - 129*	*10/04/22 07:41*	*10/06/22 16:30*	*1*
2,4-Dichlorophenylacetic acid	*94*		*28 - 129*	*10/04/22 07:41*	*10/06/22 16:30*	*1*

Method: EPA 537 (Modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**0.026**	**J**	0.23	0.022	ng/g	☼	10/05/22 11:50	10/18/22 00:15	1
Perfluoroheptanoic acid	ND		0.23	0.028	ng/g	☼	10/05/22 11:50	10/18/22 00:15	1
Perfluorooctanoic acid	**0.22**	**J**	0.23	0.025	ng/g	☼	10/05/22 11:50	10/18/22 00:15	1
Perfluorononanoic acid	ND		0.23	0.027	ng/g	☼	10/05/22 11:50	10/18/22 00:15	1
Perfluorodecanoic acid	ND		0.23	0.028	ng/g	☼	10/05/22 11:50	10/18/22 00:15	1
Perfluorotridecanoic acid	ND		0.23	0.024	ng/g	☼	10/05/22 11:50	10/18/22 00:15	1
Perfluorotetradecanoic acid	ND		0.23	0.028	ng/g	☼	10/05/22 11:50	10/18/22 00:15	1
Perfluorobutanesulfonic acid	ND		0.46	0.42	ng/g	☼	10/05/22 11:50	10/18/22 00:15	1
Perfluorohexanesulfonic acid	ND		0.23	0.022	ng/g	☼	10/05/22 11:50	10/18/22 00:15	1
Perfluorooctanesulfonic acid	ND		0.23	0.040	ng/g	☼	10/05/22 11:50	10/18/22 00:15	1
NEtFOSAA	ND		0.23	0.025	ng/g	☼	10/05/22 11:50	10/18/22 00:15	1
NMeFOSAA	ND		0.23	0.036	ng/g	☼	10/05/22 11:50	10/18/22 00:15	1
Perfluoroheptanesulfonic acid	ND		0.23	0.023	ng/g	☼	10/05/22 11:50	10/18/22 00:15	1
Perfluorodecanesulfonic acid	ND		0.23	0.024	ng/g	☼	10/05/22 11:50	10/18/22 00:15	1
Perfluorooctanesulfonamide	ND		0.23	0.024	ng/g	☼	10/05/22 11:50	10/18/22 00:15	1
Perfluorobutanoic acid	**0.11**	**J**	0.23	0.028	ng/g	☼	10/05/22 11:50	10/18/22 00:15	1
Perfluoroundecanoic acid	ND		0.23	0.065	ng/g	☼	10/05/22 11:50	10/18/22 00:15	1
Perfluorododecanoic acid	ND		0.23	0.027	ng/g	☼	10/05/22 11:50	10/18/22 00:15	1
6:2 Fluorotelomer sulfonic acid	ND		0.23	0.057	ng/g	☼	10/05/22 11:50	10/18/22 00:15	1
8:2 Fluorotelomer sulfonic acid	ND		0.23	0.020	ng/g	☼	10/05/22 11:50	10/18/22 00:15	1
Perfluoropentanoic acid	ND		0.23	0.028	ng/g	☼	10/05/22 11:50	10/18/22 00:15	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-8:2 FTS	*149*		*15 - 200*	*10/05/22 11:50*	*10/18/22 00:15*	*1*
M2-6:2 FTS	*181*		*10 - 200*	*10/05/22 11:50*	*10/18/22 00:15*	*1*
13C5 PFHxA	*81*		*10 - 174*	*10/05/22 11:50*	*10/18/22 00:15*	*1*
13C4 PFHpA	*86*		*10 - 178*	*10/05/22 11:50*	*10/18/22 00:15*	*1*
13C8 PFOA	*84*		*26 - 159*	*10/05/22 11:50*	*10/18/22 00:15*	*1*
13C9 PFNA	*114*		*26 - 165*	*10/05/22 11:50*	*10/18/22 00:15*	*1*
13C6 PFDA	*92*		*26 - 161*	*10/05/22 11:50*	*10/18/22 00:15*	*1*
13C7 PFUnA	*94*		*12 - 173*	*10/05/22 11:50*	*10/18/22 00:15*	*1*
13C2-PFDoDA	*86*		*11 - 166*	*10/05/22 11:50*	*10/18/22 00:15*	*1*
13C2 PFTeDA	*87*		*10 - 169*	*10/05/22 11:50*	*10/18/22 00:15*	*1*

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-22 2-3'

Date Collected: 09/26/22 13:50
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-3

Matrix: Solid
Percent Solids: 86.5

Method: EPA 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	88		27 - 179	10/05/22 11:50	10/18/22 00:15	1
13C3 PFHxS	77		24 - 171	10/05/22 11:50	10/18/22 00:15	1
13C8 PFOS	97		41 - 154	10/05/22 11:50	10/18/22 00:15	1
d3-NMeFOSAA	63		10 - 178	10/05/22 11:50	10/18/22 00:15	1
d5-NEtFOSAA	66		10 - 193	10/05/22 11:50	10/18/22 00:15	1
13C8 FOSA	50		14 - 163	10/05/22 11:50	10/18/22 00:15	1
13C4 PFBA	92		28 - 153	10/05/22 11:50	10/18/22 00:15	1
13C5 PFPeA	94		24 - 161	10/05/22 11:50	10/18/22 00:15	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4850		11.2	4.9	mg/Kg	☼	09/29/22 11:46	09/30/22 22:19	1
Antimony	5.7	J	16.8	0.45	mg/Kg	☼	09/29/22 11:46	09/30/22 22:19	1
Arsenic	18.0		2.2	0.45	mg/Kg	☼	09/29/22 11:46	09/30/22 22:19	1
Barium	45.1		0.56	0.12	mg/Kg	☼	09/29/22 11:46	09/30/22 22:19	1
Beryllium	0.77		0.22	0.031	mg/Kg	☼	09/29/22 11:46	09/30/22 22:19	1
Cadmium	0.36		0.22	0.034	mg/Kg	☼	09/29/22 11:46	09/30/22 22:19	1
Calcium	12100		55.9	3.7	mg/Kg	☼	09/29/22 11:46	09/30/22 22:19	1
Chromium	20.3		0.56	0.22	mg/Kg	☼	09/29/22 11:46	10/03/22 19:35	1
Cobalt	12.3		0.56	0.056	mg/Kg	☼	09/29/22 11:46	09/30/22 22:19	1
Copper	75.8		1.1	0.23	mg/Kg	☼	09/29/22 11:46	09/30/22 22:19	1
Iron	161000		55.9	19.6	mg/Kg	☼	09/29/22 11:46	10/03/22 19:39	5
Lead	130		5.6	1.3	mg/Kg	☼	09/29/22 11:46	10/03/22 19:39	5
Magnesium	3920	B	22.4	1.0	mg/Kg	☼	09/29/22 11:46	09/30/22 22:19	1
Manganese	1870		0.22	0.036	mg/Kg	☼	09/29/22 11:46	10/03/22 19:35	1
Nickel	16.7	J	27.9	1.3	mg/Kg	☼	09/29/22 11:46	10/03/22 19:39	5
Potassium	451		33.5	22.4	mg/Kg	☼	09/29/22 11:46	09/30/22 22:19	1
Selenium	0.52	J B	4.5	0.45	mg/Kg	☼	09/29/22 11:46	09/30/22 22:19	1
Silver	0.22	J	0.67	0.22	mg/Kg	☼	09/29/22 11:46	09/30/22 22:19	1
Sodium	81.5	J	156	14.5	mg/Kg	☼	09/29/22 11:46	10/03/22 19:35	1
Thallium	ND		6.7	0.34	mg/Kg	☼	09/29/22 11:46	09/30/22 22:19	1
Vanadium	36.1		2.8	0.61	mg/Kg	☼	09/29/22 11:46	10/03/22 19:39	5
Zinc	31.4		2.2	0.72	mg/Kg	☼	09/29/22 11:46	09/30/22 22:19	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.39		0.023	0.0053	mg/Kg	☼	09/30/22 09:54	09/30/22 13:09	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-21 3-4'
Date Collected: 09/27/22 08:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-4
Matrix: Solid
Percent Solids: 87.5

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	0.15	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.33	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.46	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
1,1,2-Trichloroethane	ND		2.0	0.27	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
1,1-Dichloroethane	ND		2.0	0.25	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
1,1-Dichloroethene	ND		2.0	0.25	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
1,2,4-Trichlorobenzene	ND		2.0	0.12	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
1,2,4-Trimethylbenzene	ND		2.0	0.39	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
1,2-Dibromo-3-Chloropropane	ND		2.0	1.0	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
1,2-Dichlorobenzene	ND		2.0	0.16	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
1,2-Dichloroethane	ND		2.0	0.10	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
1,2-Dichloropropane	ND		2.0	1.0	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
1,3,5-Trimethylbenzene	ND		2.0	0.13	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
1,3-Dichlorobenzene	ND		2.0	0.10	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
1,4-Dichlorobenzene	ND		2.0	0.29	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
2-Butanone (MEK)	ND		10	0.75	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
2-Hexanone	ND		10	1.0	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
4-Isopropyltoluene	ND		2.0	0.16	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.67	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Acetone	**6.1**	**J**	10	1.7	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Benzene	ND		2.0	0.10	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Bromoform	ND		2.0	1.0	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Bromomethane	ND		2.0	0.18	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Carbon disulfide	ND		2.0	1.0	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Carbon tetrachloride	ND		2.0	0.20	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Chlorobenzene	ND		2.0	0.27	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Dibromochloromethane	ND		2.0	0.26	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Chloroethane	ND		2.0	0.46	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Chloroform	**0.13**	**J**	2.0	0.13	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Chloromethane	ND		2.0	0.12	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
cis-1,2-Dichloroethene	ND		2.0	0.26	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Cyclohexane	ND		2.0	0.29	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Bromodichloromethane	ND		2.0	0.27	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Dichlorodifluoromethane	ND		2.0	0.17	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Ethylbenzene	ND		2.0	0.14	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
1,2-Dibromoethane	ND		2.0	0.26	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Isopropylbenzene	ND		2.0	0.31	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Methyl acetate	ND		10	1.2	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Methyl tert-butyl ether	ND		2.0	0.20	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Methylcyclohexane	ND		2.0	0.31	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Methylene Chloride	ND		2.0	0.94	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
m,p-Xylene	ND		4.1	0.34	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Naphthalene	ND		2.0	0.27	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
n-Butylbenzene	ND		2.0	0.18	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
N-Propylbenzene	ND		2.0	0.16	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
o-Xylene	ND		2.0	0.27	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
sec-Butylbenzene	ND		2.0	0.18	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Tetrachloroethene	ND		2.0	0.27	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Toluene	ND		2.0	0.15	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-21 3-4'
Date Collected: 09/27/22 08:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-4
Matrix: Solid
Percent Solids: 87.5

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		2.0	0.21	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
trans-1,3-Dichloropropene	ND		2.0	0.90	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Trichloroethene	ND		2.0	0.45	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Trichlorofluoromethane	ND		2.0	0.19	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Vinyl chloride	ND		2.0	0.25	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Xylenes, Total	ND		4.1	0.34	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
cis-1,3-Dichloropropene	ND		2.0	0.29	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
Styrene	ND		2.0	0.10	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1
tert-Butylbenzene	ND		2.0	0.21	ug/Kg	☼	09/28/22 16:30	09/29/22 23:28	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
column bleed	*5.8*	*T J*	*ug/Kg*	☼	*9.59*	*N/A*	*09/28/22 16:30*	*09/29/22 23:28*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*64 - 126*	*09/28/22 16:30*	*09/29/22 23:28*	*1*
4-Bromofluorobenzene (Surr)	*87*		*72 - 126*	*09/28/22 16:30*	*09/29/22 23:28*	*1*
Toluene-d8 (Surr)	*114*		*71 - 125*	*09/28/22 16:30*	*09/29/22 23:28*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*09/28/22 16:30*	*09/29/22 23:28*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		190	28	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
bis (2-chloroisopropyl) ether	ND		190	38	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
2,4,5-Trichlorophenol	ND		190	52	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
2,4,6-Trichlorophenol	ND		190	38	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
2,4-Dichlorophenol	ND		190	20	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
2,4-Dimethylphenol	ND		190	46	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
2,4-Dinitrophenol	ND		1900	880	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
2,4-Dinitrotoluene	ND		190	39	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
2,6-Dinitrotoluene	ND		190	22	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
2-Chloronaphthalene	ND		190	31	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
1,4-Dioxane	ND		110	62	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
2-Chlorophenol	ND		370	35	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
2-Methylnaphthalene	ND		190	38	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
2-Methylphenol	ND		190	22	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
2-Nitroaniline	ND		370	28	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
2-Nitrophenol	ND		190	54	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
3,3'-Dichlorobenzidine	ND		370	220	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
3-Nitroaniline	ND		370	53	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
4,6-Dinitro-2-methylphenol	ND		370	190	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
4-Bromophenyl phenyl ether	ND		190	27	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
4-Chloro-3-methylphenol	ND		190	47	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
4-Chloroaniline	ND		190	47	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
4-Chlorophenyl phenyl ether	ND		190	24	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
4-Methylphenol	ND		370	22	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
4-Nitroaniline	ND		370	100	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
4-Nitrophenol	ND		370	130	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Acenaphthene	ND		190	28	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Acenaphthylene	ND		190	25	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Acetophenone	ND		190	26	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1

Client Sample ID: TP-21 3-4'
Date Collected: 09/27/22 08:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-4
Matrix: Solid
Percent Solids: 87.5

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		190	47	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Atrazine	ND		190	66	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Benzaldehyde	ND		190	150	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Benzo[a]anthracene	ND		190	19	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Benzo[a]pyrene	ND		190	28	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Benzo[b]fluoranthene	ND		190	30	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Benzo[g,h,i]perylene	ND		190	20	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Benzo[k]fluoranthene	ND		190	25	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Bis(2-chloroethoxy)methane	ND		190	40	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Bis(2-chloroethyl)ether	ND		190	25	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Bis(2-ethylhexyl) phthalate	ND		190	65	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Butyl benzyl phthalate	ND		190	31	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Caprolactam	ND		190	57	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Carbazole	ND		190	22	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Chrysene	ND		190	43	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Di-n-butyl phthalate	ND		190	33	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Di-n-octyl phthalate	ND		190	22	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Dibenz(a,h)anthracene	ND		190	34	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Dibenzofuran	ND		190	22	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Diethyl phthalate	**150**	**J B**	190	25	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Dimethyl phthalate	ND		190	22	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Fluoranthene	**53**	**J**	190	20	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Fluorene	ND		190	22	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Hexachlorobenzene	ND		190	26	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Hexachlorobutadiene	ND		190	28	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Hexachlorocyclopentadiene	ND		190	26	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Hexachloroethane	ND		190	25	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Indeno[1,2,3-cd]pyrene	ND		190	24	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Isophorone	ND		190	40	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
N-Nitrosodi-n-propylamine	ND		190	33	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
N-Nitrosodiphenylamine	ND		190	150	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Naphthalene	**34**	**J**	190	25	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Nitrobenzene	ND		190	21	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Pentachlorophenol	ND		370	190	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Phenanthrene	**74**	**J**	190	28	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Phenol	ND		190	29	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1
Pyrene	**45**	**J**	190	22	ug/Kg	☼	09/29/22 15:38	09/30/22 20:16	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*210*	*T J*	*ug/Kg*	☼	*1.52*	*N/A*	*09/29/22 15:38*	*09/30/22 20:16*	*1*
Unknown	*15000*	*T J*	*ug/Kg*	☼	*1.66*	*N/A*	*09/29/22 15:38*	*09/30/22 20:16*	*1*
Unknown	*1400*	*T J*	*ug/Kg*	☼	*2.83*	*N/A*	*09/29/22 15:38*	*09/30/22 20:16*	*1*
Cyclic octaatomic sulfur	*250*	*T J N*	*ug/Kg*	☼	*11.68*	*10544-50-0*	*09/29/22 15:38*	*09/30/22 20:16*	*1*
Unknown	*190*	*T J*	*ug/Kg*	☼	*12.27*	*N/A*	*09/29/22 15:38*	*09/30/22 20:16*	*1*
Unknown	*220*	*T J*	*ug/Kg*	☼	*12.56*	*N/A*	*09/29/22 15:38*	*09/30/22 20:16*	*1*
Hexadecane	*370*	*T J N*	*ug/Kg*	☼	*12.83*	*544-76-3*	*09/29/22 15:38*	*09/30/22 20:16*	*1*
Unknown	*350*	*T J*	*ug/Kg*	☼	*13.10*	*N/A*	*09/29/22 15:38*	*09/30/22 20:16*	*1*
Heptacosane	*400*	*T J N*	*ug/Kg*	☼	*13.35*	*593-49-7*	*09/29/22 15:38*	*09/30/22 20:16*	*1*
9-Octadecenamide, (Z)-	*510*	*T J N*	*ug/Kg*	☼	*13.58*	*301-02-0*	*09/29/22 15:38*	*09/30/22 20:16*	*1*
Unknown	*300*	*T J*	*ug/Kg*	☼	*13.60*	*N/A*	*09/29/22 15:38*	*09/30/22 20:16*	*1*

Client Sample ID: TP-21 3-4'

Date Collected: 09/27/22 08:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-4

Matrix: Solid
Percent Solids: 87.5

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Eicosane	250	T J N	ug/Kg	☼	13.84	112-95-8	09/29/22 15:38	09/30/22 20:16	1
Unknown	160	T J	ug/Kg	☼	15.12	N/A	09/29/22 15:38	09/30/22 20:16	1
Unknown	160	T J	ug/Kg	☼	16.17	N/A	09/29/22 15:38	09/30/22 20:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	100		54 - 120	09/29/22 15:38	09/30/22 20:16	1
2-Fluorobiphenyl	107		60 - 120	09/29/22 15:38	09/30/22 20:16	1
2-Fluorophenol	75		52 - 120	09/29/22 15:38	09/30/22 20:16	1
Nitrobenzene-d5	95		53 - 120	09/29/22 15:38	09/30/22 20:16	1
p-Terphenyl-d14	117		79 - 130	09/29/22 15:38	09/30/22 20:16	1
Phenol-d5	76		54 - 120	09/29/22 15:38	09/30/22 20:16	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		1.9	0.37	ug/Kg	☼	10/03/22 15:41	10/04/22 12:07	1
4,4'-DDE	ND		1.9	0.40	ug/Kg	☼	10/03/22 15:41	10/04/22 12:07	1
4,4'-DDT	ND		1.9	0.44	ug/Kg	☼	10/03/22 15:41	10/04/22 12:07	1
Aldrin	ND		1.9	0.46	ug/Kg	☼	10/03/22 15:41	10/04/22 12:07	1
alpha-BHC	ND		1.9	0.34	ug/Kg	☼	10/03/22 15:41	10/04/22 12:07	1
cis-Chlordane	ND		1.9	0.94	ug/Kg	☼	10/03/22 15:41	10/04/22 12:07	1
beta-BHC	ND		1.9	0.34	ug/Kg	☼	10/03/22 15:41	10/04/22 12:07	1
delta-BHC	ND		1.9	0.35	ug/Kg	☼	10/03/22 15:41	10/04/22 12:07	1
Dieldrin	ND		1.9	0.45	ug/Kg	☼	10/03/22 15:41	10/04/22 12:07	1
Endosulfan I	ND		1.9	0.36	ug/Kg	☼	10/03/22 15:41	10/04/22 12:07	1
Endosulfan II	ND		1.9	0.34	ug/Kg	☼	10/03/22 15:41	10/04/22 12:07	1
Endosulfan sulfate	ND		1.9	0.35	ug/Kg	☼	10/03/22 15:41	10/04/22 12:07	1
Endrin	ND		1.9	0.37	ug/Kg	☼	10/03/22 15:41	10/04/22 12:07	1
Endrin aldehyde	ND		1.9	0.48	ug/Kg	☼	10/03/22 15:41	10/04/22 12:07	1
Endrin ketone	ND		1.9	0.46	ug/Kg	☼	10/03/22 15:41	10/04/22 12:07	1
gamma-BHC (Lindane)	ND		1.9	0.35	ug/Kg	☼	10/03/22 15:41	10/04/22 12:07	1
trans-Chlordane	ND		1.9	0.60	ug/Kg	☼	10/03/22 15:41	10/04/22 12:07	1
Heptachlor	ND		1.9	0.41	ug/Kg	☼	10/03/22 15:41	10/04/22 12:07	1
Heptachlor epoxide	ND		1.9	0.49	ug/Kg	☼	10/03/22 15:41	10/04/22 12:07	1
Methoxychlor	**1.4**	**J**	1.9	0.38	ug/Kg	☼	10/03/22 15:41	10/04/22 12:07	1
Toxaphene	ND		19	11	ug/Kg	☼	10/03/22 15:41	10/04/22 12:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	70		45 - 120	10/03/22 15:41	10/04/22 12:07	1
DCB Decachlorobiphenyl	96		45 - 120	10/03/22 15:41	10/04/22 12:07	1
Tetrachloro-m-xylene	90		30 - 124	10/03/22 15:41	10/04/22 12:07	1
Tetrachloro-m-xylene	71		30 - 124	10/03/22 15:41	10/04/22 12:07	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.22	0.044	mg/Kg	☼	09/30/22 16:34	10/02/22 23:37	1
PCB-1221	ND		0.22	0.044	mg/Kg	☼	09/30/22 16:34	10/02/22 23:37	1
PCB-1232	ND		0.22	0.044	mg/Kg	☼	09/30/22 16:34	10/02/22 23:37	1
PCB-1242	ND		0.22	0.044	mg/Kg	☼	09/30/22 16:34	10/02/22 23:37	1
PCB-1248	ND		0.22	0.044	mg/Kg	☼	09/30/22 16:34	10/02/22 23:37	1
PCB-1254	ND		0.22	0.10	mg/Kg	☼	09/30/22 16:34	10/02/22 23:37	1

Client Sample ID: TP-21 3-4'
Date Collected: 09/27/22 08:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-4
Matrix: Solid
Percent Solids: 87.5

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	ND		0.22	0.10	mg/Kg	☼	09/30/22 16:34	10/02/22 23:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*97*		*60 - 154*	*09/30/22 16:34*	*10/02/22 23:37*	*1*
Tetrachloro-m-xylene	*110*		*60 - 154*	*09/30/22 16:34*	*10/02/22 23:37*	*1*
DCB Decachlorobiphenyl	*96*		*65 - 174*	*09/30/22 16:34*	*10/02/22 23:37*	*1*
DCB Decachlorobiphenyl	*123*		*65 - 174*	*09/30/22 16:34*	*10/02/22 23:37*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		19	6.0	ug/Kg	☼	10/04/22 07:41	10/06/22 16:49	1
Silvex (2,4,5-TP)	ND		19	6.8	ug/Kg	☼	10/04/22 07:41	10/06/22 16:49	1
2,4-D	ND		19	12	ug/Kg	☼	10/04/22 07:41	10/06/22 16:49	1
Dichlorprop	ND		19	9.4	ug/Kg	☼	10/04/22 07:41	10/06/22 16:49	1
Pentachlorophenol	ND		19	6.1	ug/Kg	☼	10/04/22 07:41	10/06/22 16:49	1
Picloram	ND		19	8.1	ug/Kg	☼	10/04/22 07:41	10/06/22 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*90*		*28 - 129*	*10/04/22 07:41*	*10/06/22 16:49*	*1*
2,4-Dichlorophenylacetic acid	*81*		*28 - 129*	*10/04/22 07:41*	*10/06/22 16:49*	*1*

Method: EPA 537 (Modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.23	0.022	ng/g	☼	10/05/22 11:50	10/18/22 00:26	1
Perfluoroheptanoic acid	ND		0.23	0.027	ng/g	☼	10/05/22 11:50	10/18/22 00:26	1
Perfluorooctanoic acid	ND		0.23	0.025	ng/g	☼	10/05/22 11:50	10/18/22 00:26	1
Perfluorononanoic acid	ND		0.23	0.026	ng/g	☼	10/05/22 11:50	10/18/22 00:26	1
Perfluorodecanoic acid	ND		0.23	0.027	ng/g	☼	10/05/22 11:50	10/18/22 00:26	1
Perfluorotridecanoic acid	ND		0.23	0.024	ng/g	☼	10/05/22 11:50	10/18/22 00:26	1
Perfluorotetradecanoic acid	ND		0.23	0.027	ng/g	☼	10/05/22 11:50	10/18/22 00:26	1
Perfluorobutanesulfonic acid	ND		0.46	0.41	ng/g	☼	10/05/22 11:50	10/18/22 00:26	1
Perfluorohexanesulfonic acid	ND		0.23	0.022	ng/g	☼	10/05/22 11:50	10/18/22 00:26	1
Perfluorooctanesulfonic acid	ND		0.23	0.040	ng/g	☼	10/05/22 11:50	10/18/22 00:26	1
NEtFOSAA	ND		0.23	0.025	ng/g	☼	10/05/22 11:50	10/18/22 00:26	1
NMeFOSAA	ND		0.23	0.035	ng/g	☼	10/05/22 11:50	10/18/22 00:26	1
Perfluoroheptanesulfonic acid	ND		0.23	0.023	ng/g	☼	10/05/22 11:50	10/18/22 00:26	1
Perfluorodecanesulfonic acid	ND		0.23	0.024	ng/g	☼	10/05/22 11:50	10/18/22 00:26	1
Perfluorooctanesulfonamide	ND		0.23	0.024	ng/g	☼	10/05/22 11:50	10/18/22 00:26	1
Perfluorobutanoic acid	ND		0.23	0.027	ng/g	☼	10/05/22 11:50	10/18/22 00:26	1
Perfluoroundecanoic acid	ND		0.23	0.064	ng/g	☼	10/05/22 11:50	10/18/22 00:26	1
Perfluorododecanoic acid	ND		0.23	0.026	ng/g	☼	10/05/22 11:50	10/18/22 00:26	1
6:2 Fluorotelomer sulfonic acid	ND		0.23	0.056	ng/g	☼	10/05/22 11:50	10/18/22 00:26	1
8:2 Fluorotelomer sulfonic acid	ND		0.23	0.019	ng/g	☼	10/05/22 11:50	10/18/22 00:26	1
Perfluoropentanoic acid	ND		0.23	0.027	ng/g	☼	10/05/22 11:50	10/18/22 00:26	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-8:2 FTS	*118*		*15 - 200*	*10/05/22 11:50*	*10/18/22 00:26*	*1*
M2-6:2 FTS	*136*		*10 - 200*	*10/05/22 11:50*	*10/18/22 00:26*	*1*
13C5 PFHxA	*78*		*10 - 174*	*10/05/22 11:50*	*10/18/22 00:26*	*1*
13C4 PFHpA	*81*		*10 - 178*	*10/05/22 11:50*	*10/18/22 00:26*	*1*
13C8 PFOA	*79*		*26 - 159*	*10/05/22 11:50*	*10/18/22 00:26*	*1*

Client Sample ID: TP-21 3-4'
Date Collected: 09/27/22 08:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-4
Matrix: Solid
Percent Solids: 87.5

Method: EPA 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C9 PFNA	104		26 - 165	10/05/22 11:50	10/18/22 00:26	1
13C6 PFDA	83		26 - 161	10/05/22 11:50	10/18/22 00:26	1
13C7 PFUnA	85		12 - 173	10/05/22 11:50	10/18/22 00:26	1
13C2-PFDoDA	78		11 - 166	10/05/22 11:50	10/18/22 00:26	1
13C2 PFTeDA	77		10 - 169	10/05/22 11:50	10/18/22 00:26	1
13C3 PFBS	76		27 - 179	10/05/22 11:50	10/18/22 00:26	1
13C3 PFHxS	77		24 - 171	10/05/22 11:50	10/18/22 00:26	1
13C8 PFOS	91		41 - 154	10/05/22 11:50	10/18/22 00:26	1
d3-NMeFOSAA	50		10 - 178	10/05/22 11:50	10/18/22 00:26	1
d5-NEtFOSAA	52		10 - 193	10/05/22 11:50	10/18/22 00:26	1
13C8 FOSA	42		14 - 163	10/05/22 11:50	10/18/22 00:26	1
13C4 PFBA	80		28 - 153	10/05/22 11:50	10/18/22 00:26	1
13C5 PFPeA	79		24 - 161	10/05/22 11:50	10/18/22 00:26	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11100		11.5	5.1	mg/Kg	☼	09/29/22 11:46	09/30/22 22:23	1
Antimony	0.54	J	17.3	0.46	mg/Kg	☼	09/29/22 11:46	09/30/22 22:23	1
Arsenic	6.8		2.3	0.46	mg/Kg	☼	09/29/22 11:46	09/30/22 22:23	1
Barium	59.6		0.58	0.13	mg/Kg	☼	09/29/22 11:46	09/30/22 22:23	1
Beryllium	0.61		0.23	0.032	mg/Kg	☼	09/29/22 11:46	09/30/22 22:23	1
Cadmium	0.28		0.23	0.035	mg/Kg	☼	09/29/22 11:46	09/30/22 22:23	1
Calcium	16300		57.7	3.8	mg/Kg	☼	09/29/22 11:46	09/30/22 22:23	1
Chromium	15.3		0.58	0.23	mg/Kg	☼	09/29/22 11:46	09/30/22 22:23	1
Cobalt	10.2		0.58	0.058	mg/Kg	☼	09/29/22 11:46	09/30/22 22:23	1
Copper	26.7		1.2	0.24	mg/Kg	☼	09/29/22 11:46	09/30/22 22:23	1
Iron	18500		11.5	4.0	mg/Kg	☼	09/29/22 11:46	09/30/22 22:23	1
Lead	26.3		1.2	0.28	mg/Kg	☼	09/29/22 11:46	09/30/22 22:23	1
Magnesium	8190	B	23.1	1.1	mg/Kg	☼	09/29/22 11:46	09/30/22 22:23	1
Manganese	230	B	0.23	0.037	mg/Kg	☼	09/29/22 11:46	09/30/22 22:23	1
Nickel	25.7		5.8	0.27	mg/Kg	☼	09/29/22 11:46	09/30/22 22:23	1
Potassium	2980		34.6	23.1	mg/Kg	☼	09/29/22 11:46	09/30/22 22:23	1
Selenium	0.54	J B	4.6	0.46	mg/Kg	☼	09/29/22 11:46	09/30/22 22:23	1
Silver	ND		0.69	0.23	mg/Kg	☼	09/29/22 11:46	09/30/22 22:23	1
Sodium	285		161	15.0	mg/Kg	☼	09/29/22 11:46	10/03/22 19:43	1
Thallium	0.67	J	6.9	0.35	mg/Kg	☼	09/29/22 11:46	09/30/22 22:23	1
Vanadium	23.9		0.58	0.13	mg/Kg	☼	09/29/22 11:46	09/30/22 22:23	1
Zinc	60.9		2.3	0.74	mg/Kg	☼	09/29/22 11:46	09/30/22 22:23	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.023	0.0052	mg/Kg	☼	09/30/22 09:54	09/30/22 13:10	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-20 3-4'
Date Collected: 09/27/22 08:35
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-5
Matrix: Solid
Percent Solids: 91.8

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		3700	540	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
bis (2-chloroisopropyl) ether	ND		3700	730	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
2,4,5-Trichlorophenol	ND		3700	990	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
2,4,6-Trichlorophenol	ND		3700	730	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
2,4-Dichlorophenol	ND		3700	390	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
2,4-Dimethylphenol	ND		3700	890	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
2,4-Dinitrophenol	ND		36000	17000	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
2,4-Dinitrotoluene	ND		3700	760	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
2,6-Dinitrotoluene	ND		3700	430	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
2-Chloronaphthalene	ND		3700	610	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
1,4-Dioxane	ND		2200	1200	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
2-Chlorophenol	ND		7100	670	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
2-Methylnaphthalene	ND		3700	730	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
2-Methylphenol	ND		3700	430	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
2-Nitroaniline	ND		7100	540	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
2-Nitrophenol	ND		3700	1000	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
3,3'-Dichlorobenzidine	ND		7100	4300	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
3-Nitroaniline	ND		7100	1000	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
4,6-Dinitro-2-methylphenol	ND		7100	3700	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
4-Bromophenyl phenyl ether	ND		3700	520	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
4-Chloro-3-methylphenol	ND		3700	910	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
4-Chloroaniline	ND		3700	910	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
4-Chlorophenyl phenyl ether	ND		3700	450	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
4-Methylphenol	ND		7100	430	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
4-Nitroaniline	ND		7100	1900	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
4-Nitrophenol	ND		7100	2600	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Acenaphthene	ND		3700	540	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Acenaphthylene	ND		3700	480	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Acetophenone	ND		3700	500	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Anthracene	ND		3700	910	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Atrazine	ND		3700	1300	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Benzaldehyde	ND		3700	2900	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Benzo[a]anthracene	**1200**	**J**	3700	370	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Benzo[a]pyrene	**1300**	**J**	3700	540	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Benzo[b]fluoranthene	**2100**	**J**	3700	580	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Benzo[g,h,i]perylene	**720**	**J**	3700	390	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Benzo[k]fluoranthene	ND		3700	480	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Bis(2-chloroethoxy)methane	ND		3700	780	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Bis(2-chloroethyl)ether	ND		3700	480	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Bis(2-ethylhexyl) phthalate	ND		3700	1300	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Butyl benzyl phthalate	ND		3700	610	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Caprolactam	ND		3700	1100	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Carbazole	ND		3700	430	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Chrysene	**1200**	**J**	3700	820	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Di-n-butyl phthalate	ND		3700	630	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Di-n-octyl phthalate	ND		3700	430	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Dibenz(a,h)anthracene	ND		3700	650	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Dibenzofuran	ND		3700	430	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Diethyl phthalate	ND		3700	480	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-20 3-4'
Date Collected: 09/27/22 08:35
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-5
Matrix: Solid
Percent Solids: 91.8

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		3700	430	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Fluoranthene	**2200**	**J**	3700	390	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Fluorene	ND		3700	430	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Hexachlorobenzene	ND		3700	500	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Hexachlorobutadiene	ND		3700	540	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Hexachlorocyclopentadiene	ND		3700	500	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Hexachloroethane	ND		3700	480	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Indeno[1,2,3-cd]pyrene	**620**	**J**	3700	450	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Isophorone	ND		3700	780	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
N-Nitrosodi-n-propylamine	ND		3700	630	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
N-Nitrosodiphenylamine	ND		3700	3000	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Naphthalene	ND		3700	480	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Nitrobenzene	ND		3700	410	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Pentachlorophenol	ND		7100	3700	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Phenanthrene	ND		3700	540	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Phenol	ND		3700	560	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20
Pyrene	**1700**	**J**	3700	430	ug/Kg	☼	09/29/22 15:38	09/30/22 20:40	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*10000*	*T J*	*ug/Kg*	☼	*1.57*	*N/A*	*09/29/22 15:38*	*09/30/22 20:40*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*88*		*54 - 120*	*09/29/22 15:38*	*09/30/22 20:40*	*20*
2-Fluorobiphenyl	*103*		*60 - 120*	*09/29/22 15:38*	*09/30/22 20:40*	*20*
2-Fluorophenol	*59*		*52 - 120*	*09/29/22 15:38*	*09/30/22 20:40*	*20*
Nitrobenzene-d5	*79*		*53 - 120*	*09/29/22 15:38*	*09/30/22 20:40*	*20*
p-Terphenyl-d14	*127*		*79 - 130*	*09/29/22 15:38*	*09/30/22 20:40*	*20*
Phenol-d5	*70*		*54 - 120*	*09/29/22 15:38*	*09/30/22 20:40*	*20*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7600**		10.6	4.7	mg/Kg	☼	09/29/22 11:46	09/30/22 22:27	1
Antimony	**0.99**	**J**	15.9	0.42	mg/Kg	☼	09/29/22 11:46	09/30/22 22:27	1
Arsenic	**8.0**		2.1	0.42	mg/Kg	☼	09/29/22 11:46	09/30/22 22:27	1
Barium	**72.6**		0.53	0.12	mg/Kg	☼	09/29/22 11:46	09/30/22 22:27	1
Beryllium	**0.71**		0.21	0.030	mg/Kg	☼	09/29/22 11:46	09/30/22 22:27	1
Cadmium	**0.35**		0.21	0.032	mg/Kg	☼	09/29/22 11:46	09/30/22 22:27	1
Calcium	**36300**		52.9	3.5	mg/Kg	☼	09/29/22 11:46	09/30/22 22:27	1
Chromium	**14.7**		0.53	0.21	mg/Kg	☼	09/29/22 11:46	09/30/22 22:27	1
Cobalt	**6.9**		0.53	0.053	mg/Kg	☼	09/29/22 11:46	09/30/22 22:27	1
Copper	**28.8**		1.1	0.22	mg/Kg	☼	09/29/22 11:46	09/30/22 22:27	1
Iron	**22800**		10.6	3.7	mg/Kg	☼	09/29/22 11:46	09/30/22 22:27	1
Lead	**55.0**		1.1	0.25	mg/Kg	☼	09/29/22 11:46	09/30/22 22:27	1
Magnesium	**7820**	**B**	21.2	0.98	mg/Kg	☼	09/29/22 11:46	09/30/22 22:27	1
Manganese	**873**	**B**	0.21	0.034	mg/Kg	☼	09/29/22 11:46	09/30/22 22:27	1
Nickel	**16.7**		5.3	0.24	mg/Kg	☼	09/29/22 11:46	09/30/22 22:27	1
Potassium	**2080**		31.7	21.2	mg/Kg	☼	09/29/22 11:46	09/30/22 22:27	1
Selenium	ND		4.2	0.42	mg/Kg	☼	09/29/22 11:46	09/30/22 22:27	1
Silver	ND		0.63	0.21	mg/Kg	☼	09/29/22 11:46	09/30/22 22:27	1
Sodium	**274**		148	13.8	mg/Kg	☼	09/29/22 11:46	10/03/22 19:58	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-20 3-4'
Date Collected: 09/27/22 08:35
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-5
Matrix: Solid
Percent Solids: 91.8

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.87	J	6.3	0.32	mg/Kg	☼	09/29/22 11:46	09/30/22 22:27	1
Vanadium	24.5		0.53	0.12	mg/Kg	☼	09/29/22 11:46	09/30/22 22:27	1
Zinc	53.4		2.1	0.68	mg/Kg	☼	09/29/22 11:46	09/30/22 22:27	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.075		0.022	0.0051	mg/Kg	☼	09/30/22 09:54	09/30/22 13:12	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-19 4-5'
Date Collected: 09/27/22 09:15
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-6
Matrix: Solid
Percent Solids: 89.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		190	28	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
bis (2-chloroisopropyl) ether	ND		190	38	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
2,4,5-Trichlorophenol	ND		190	51	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
2,4,6-Trichlorophenol	ND		190	38	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
2,4-Dichlorophenol	ND		190	20	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
2,4-Dimethylphenol	ND		190	45	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
2,4-Dinitrophenol	ND		1800	870	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
2,4-Dinitrotoluene	ND		190	39	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
2,6-Dinitrotoluene	ND		190	22	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
2-Chloronaphthalene	ND		190	31	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
1,4-Dioxane	ND		110	61	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
2-Chlorophenol	ND		370	34	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
2-Methylnaphthalene	ND		190	38	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
2-Methylphenol	ND		190	22	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
2-Nitroaniline	ND		370	28	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
2-Nitrophenol	ND		190	53	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
3,3'-Dichlorobenzidine	ND		370	220	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
3-Nitroaniline	ND		370	52	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
4,6-Dinitro-2-methylphenol	ND		370	190	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
4-Bromophenyl phenyl ether	ND		190	27	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
4-Chloro-3-methylphenol	ND		190	46	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
4-Chloroaniline	ND		190	46	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
4-Chlorophenyl phenyl ether	ND		190	23	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
4-Methylphenol	ND		370	22	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
4-Nitroaniline	ND		370	98	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
4-Nitrophenol	ND		370	130	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Acenaphthene	ND		190	28	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Acenaphthylene	**210**		190	24	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Acetophenone	ND		190	25	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Anthracene	**200**		190	46	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Atrazine	ND		190	65	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Benzaldehyde	ND		190	150	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Benzo[a]anthracene	**490**		190	19	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Benzo[a]pyrene	**770**		190	28	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Benzo[b]fluoranthene	**1100**		190	30	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Benzo[g,h,i]perylene	**730**		190	20	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Benzo[k]fluoranthene	**440**		190	24	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Bis(2-chloroethoxy)methane	ND		190	40	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Bis(2-chloroethyl)ether	ND		190	24	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Bis(2-ethylhexyl) phthalate	ND		190	64	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Butyl benzyl phthalate	ND		190	31	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Caprolactam	ND		190	56	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Carbazole	**41**	**J**	190	22	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Chrysene	**630**		190	42	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Di-n-butyl phthalate	ND		190	32	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Di-n-octyl phthalate	ND		190	22	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Dibenz(a,h)anthracene	**220**		190	33	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Dibenzofuran	ND		190	22	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Diethyl phthalate	**71**	**J B**	190	24	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1

Client Sample ID: TP-19 4-5'

Date Collected: 09/27/22 09:15
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-6

Matrix: Solid
Percent Solids: 89.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		190	22	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Fluoranthene	**530**		190	20	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Fluorene	ND		190	22	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Hexachlorobenzene	ND		190	25	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Hexachlorobutadiene	ND		190	28	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Hexachlorocyclopentadiene	ND		190	25	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Hexachloroethane	ND		190	24	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Indeno[1,2,3-cd]pyrene	**620**		190	23	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Isophorone	ND		190	40	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
N-Nitrosodi-n-propylamine	ND		190	32	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
N-Nitrosodiphenylamine	ND		190	150	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Naphthalene	**27**	**J**	190	24	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Nitrobenzene	ND		190	21	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Pentachlorophenol	ND		370	190	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Phenanthrene	**190**		190	28	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Phenol	ND		190	29	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1
Pyrene	**600**		190	22	ug/Kg	☼	09/29/22 15:38	09/30/22 21:04	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1100*	*T J*	*ug/Kg*	☼	*2.81*	*N/A*	*09/29/22 15:38*	*09/30/22 21:04*	*1*
Unknown	*500*	*T J*	*ug/Kg*	☼	*9.99*	*N/A*	*09/29/22 15:38*	*09/30/22 21:04*	*1*
Phenanthrene, 3,6-dimethyl-	*260*	*T J N*	*ug/Kg*	☼	*11.53*	*1576-67-6*	*09/29/22 15:38*	*09/30/22 21:04*	*1*
Unknown	*200*	*T J*	*ug/Kg*	☼	*11.55*	*N/A*	*09/29/22 15:38*	*09/30/22 21:04*	*1*
Unknown	*310*	*T J*	*ug/Kg*	☼	*11.59*	*N/A*	*09/29/22 15:38*	*09/30/22 21:04*	*1*
Unknown	*340*	*T J*	*ug/Kg*	☼	*11.63*	*N/A*	*09/29/22 15:38*	*09/30/22 21:04*	*1*
Cyclic octaatomic sulfur	*740*	*T J N*	*ug/Kg*	☼	*11.68*	*10544-50-0*	*09/29/22 15:38*	*09/30/22 21:04*	*1*
Unknown	*230*	*T J*	*ug/Kg*	☼	*12.26*	*N/A*	*09/29/22 15:38*	*09/30/22 21:04*	*1*
Heptadecane	*480*	*T J N*	*ug/Kg*	☼	*12.83*	*629-78-7*	*09/29/22 15:38*	*09/30/22 21:04*	*1*
Unknown	*410*	*T J*	*ug/Kg*	☼	*13.10*	*N/A*	*09/29/22 15:38*	*09/30/22 21:04*	*1*
Heptacosane	*580*	*T J N*	*ug/Kg*	☼	*13.35*	*593-49-7*	*09/29/22 15:38*	*09/30/22 21:04*	*1*
Eicosane	*430*	*T J N*	*ug/Kg*	☼	*13.60*	*112-95-8*	*09/29/22 15:38*	*09/30/22 21:04*	*1*
Octadecane	*350*	*T J N*	*ug/Kg*	☼	*13.84*	*593-45-3*	*09/29/22 15:38*	*09/30/22 21:04*	*1*
Benzo[e]pyrene	*750*	*T J N*	*ug/Kg*	☼	*13.95*	*192-97-2*	*09/29/22 15:38*	*09/30/22 21:04*	*1*
Unknown	*250*	*T J*	*ug/Kg*	☼	*14.08*	*N/A*	*09/29/22 15:38*	*09/30/22 21:04*	*1*
Unknown	*250*	*T J*	*ug/Kg*	☼	*14.31*	*N/A*	*09/29/22 15:38*	*09/30/22 21:04*	*1*
Unknown	*230*	*T J*	*ug/Kg*	☼	*14.90*	*N/A*	*09/29/22 15:38*	*09/30/22 21:04*	*1*
Unknown	*340*	*T J*	*ug/Kg*	☼	*14.97*	*N/A*	*09/29/22 15:38*	*09/30/22 21:04*	*1*
Pregnan-20-one, (5.alpha.)-	*250*	*T J N*	*ug/Kg*	☼	*16.04*	*848-62-4*	*09/29/22 15:38*	*09/30/22 21:04*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*106*		*54 - 120*	*09/29/22 15:38*	*09/30/22 21:04*	*1*
2-Fluorobiphenyl	*100*		*60 - 120*	*09/29/22 15:38*	*09/30/22 21:04*	*1*
2-Fluorophenol	*94*		*52 - 120*	*09/29/22 15:38*	*09/30/22 21:04*	*1*
Nitrobenzene-d5	*94*		*53 - 120*	*09/29/22 15:38*	*09/30/22 21:04*	*1*
p-Terphenyl-d14	*111*		*79 - 130*	*09/29/22 15:38*	*09/30/22 21:04*	*1*
Phenol-d5	*95*		*54 - 120*	*09/29/22 15:38*	*09/30/22 21:04*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5160**		11.3	5.0	mg/Kg	☼	09/29/22 11:46	09/30/22 22:31	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-19 4-5'
Date Collected: 09/27/22 09:15
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-6
Matrix: Solid
Percent Solids: 89.0

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.6	J	17.0	0.45	mg/Kg	☼	09/29/22 11:46	09/30/22 22:31	1
Arsenic	13.0		2.3	0.45	mg/Kg	☼	09/29/22 11:46	09/30/22 22:31	1
Barium	115		0.57	0.12	mg/Kg	☼	09/29/22 11:46	09/30/22 22:31	1
Beryllium	0.67		0.23	0.032	mg/Kg	☼	09/29/22 11:46	09/30/22 22:31	1
Cadmium	0.25		0.23	0.034	mg/Kg	☼	09/29/22 11:46	09/30/22 22:31	1
Calcium	16100		56.5	3.7	mg/Kg	☼	09/29/22 11:46	09/30/22 22:31	1
Chromium	11.2		0.57	0.23	mg/Kg	☼	09/29/22 11:46	09/30/22 22:31	1
Cobalt	9.2		0.57	0.057	mg/Kg	☼	09/29/22 11:46	09/30/22 22:31	1
Copper	60.8		1.1	0.24	mg/Kg	☼	09/29/22 11:46	09/30/22 22:31	1
Iron	42100		11.3	4.0	mg/Kg	☼	09/29/22 11:46	09/30/22 22:31	1
Lead	85.4		1.1	0.27	mg/Kg	☼	09/29/22 11:46	09/30/22 22:31	1
Magnesium	3420	B	22.6	1.0	mg/Kg	☼	09/29/22 11:46	09/30/22 22:31	1
Manganese	842	B	0.23	0.036	mg/Kg	☼	09/29/22 11:46	09/30/22 22:31	1
Nickel	18.2		5.7	0.26	mg/Kg	☼	09/29/22 11:46	09/30/22 22:31	1
Potassium	980		33.9	22.6	mg/Kg	☼	09/29/22 11:46	09/30/22 22:31	1
Selenium	ND		4.5	0.45	mg/Kg	☼	09/29/22 11:46	09/30/22 22:31	1
Silver	ND		0.68	0.23	mg/Kg	☼	09/29/22 11:46	09/30/22 22:31	1
Sodium	355		158	14.7	mg/Kg	☼	09/29/22 11:46	10/03/22 20:02	1
Thallium	0.73	J	6.8	0.34	mg/Kg	☼	09/29/22 11:46	09/30/22 22:31	1
Vanadium	17.2		0.57	0.12	mg/Kg	☼	09/29/22 11:46	09/30/22 22:31	1
Zinc	57.1		2.3	0.72	mg/Kg	☼	09/29/22 11:46	09/30/22 22:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.10		0.023	0.0053	mg/Kg	☼	09/30/22 09:54	09/30/22 13:13	1

Client Sample ID: TP-18 4-5'
Date Collected: 09/27/22 10:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-7
Matrix: Solid
Percent Solids: 80.5

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.2	0.23	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
1,1,2,2-Tetrachloroethane	ND	*3	3.2	0.51	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		3.2	0.72	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
1,1,2-Trichloroethane	ND		3.2	0.41	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
1,1-Dichloroethane	ND		3.2	0.39	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
1,1-Dichloroethene	ND		3.2	0.39	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
1,2,4-Trichlorobenzene	ND	*3	3.2	0.19	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
1,2,4-Trimethylbenzene	ND	*3	3.2	0.61	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
1,2-Dibromo-3-Chloropropane	ND	*3	3.2	1.6	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
1,2-Dichlorobenzene	ND	*3	3.2	0.25	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
1,2-Dichloroethane	ND		3.2	0.16	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
1,2-Dichloropropane	ND		3.2	1.6	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
1,3,5-Trimethylbenzene	ND	*3	3.2	0.20	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
1,3-Dichlorobenzene	ND	*3	3.2	0.16	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
1,4-Dichlorobenzene	ND	*3	3.2	0.44	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
2-Butanone (MEK)	ND		16	1.2	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
2-Hexanone	ND		16	1.6	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
4-Isopropyltoluene	ND	*3	3.2	0.25	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
4-Methyl-2-pentanone (MIBK)	ND		16	1.0	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Acetone	**28**		16	2.7	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Benzene	ND		3.2	0.16	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Bromoform	ND		3.2	1.6	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Bromomethane	ND		3.2	0.29	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Carbon disulfide	ND		3.2	1.6	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Carbon tetrachloride	ND		3.2	0.31	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Chlorobenzene	ND		3.2	0.42	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Dibromochloromethane	ND		3.2	0.41	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Chloroethane	ND		3.2	0.72	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Chloroform	ND		3.2	0.20	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Chloromethane	ND		3.2	0.19	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
cis-1,2-Dichloroethene	ND		3.2	0.41	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Cyclohexane	ND		3.2	0.44	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Bromodichloromethane	ND		3.2	0.43	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Dichlorodifluoromethane	ND		3.2	0.26	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Ethylbenzene	ND		3.2	0.22	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
1,2-Dibromoethane	ND		3.2	0.41	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Isopropylbenzene	ND	*3	3.2	0.48	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Methyl acetate	ND		16	1.9	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Methyl tert-butyl ether	ND		3.2	0.31	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Methylcyclohexane	ND		3.2	0.48	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Methylene Chloride	ND		3.2	1.5	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
m,p-Xylene	ND		6.3	0.53	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Naphthalene	ND	*3	3.2	0.43	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
n-Butylbenzene	ND	*3	3.2	0.28	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
N-Propylbenzene	ND	*3	3.2	0.25	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
o-Xylene	ND		3.2	0.41	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
sec-Butylbenzene	ND	*3	3.2	0.28	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Tetrachloroethene	ND		3.2	0.43	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Toluene	ND		3.2	0.24	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1

Client Sample ID: TP-18 4-5'
Date Collected: 09/27/22 10:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-7
Matrix: Solid
Percent Solids: 80.5

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		3.2	0.33	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
trans-1,3-Dichloropropene	ND		3.2	1.4	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Trichloroethene	ND		3.2	0.70	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Trichlorofluoromethane	ND		3.2	0.30	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Vinyl chloride	ND		3.2	0.39	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Xylenes, Total	ND		6.3	0.53	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
cis-1,3-Dichloropropene	ND		3.2	0.46	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
Styrene	ND		3.2	0.16	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1
tert-Butylbenzene	ND	*3	3.2	0.33	ug/Kg	☼	09/28/22 16:30	10/02/22 22:07	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
column bleed	*15*	*T J*	*ug/Kg*	☼	*9.59*	*N/A*	*09/28/22 16:30*	*10/02/22 22:07*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*64 - 126*	*09/28/22 16:30*	*10/02/22 22:07*	*1*
4-Bromofluorobenzene (Surr)	*77*		*72 - 126*	*09/28/22 16:30*	*10/02/22 22:07*	*1*
Toluene-d8 (Surr)	*136*	*S1+*	*71 - 125*	*09/28/22 16:30*	*10/02/22 22:07*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*09/28/22 16:30*	*10/02/22 22:07*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		210	30	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
bis (2-chloroisopropyl) ether	ND		210	41	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
2,4,5-Trichlorophenol	ND		210	56	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
2,4,6-Trichlorophenol	ND		210	41	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
2,4-Dichlorophenol	ND		210	22	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
2,4-Dimethylphenol	ND		210	50	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
2,4-Dinitrophenol	ND		2000	960	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
2,4-Dinitrotoluene	ND		210	43	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
2,6-Dinitrotoluene	ND		210	24	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
2-Chloronaphthalene	ND		210	34	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
1,4-Dioxane	ND		120	67	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
2-Chlorophenol	ND		400	38	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
2-Methylnaphthalene	ND		210	41	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
2-Methylphenol	ND		210	24	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
2-Nitroaniline	ND		400	30	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
2-Nitrophenol	ND		210	59	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
3,3'-Dichlorobenzidine	ND		400	240	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
3-Nitroaniline	ND		400	57	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
4,6-Dinitro-2-methylphenol	ND		400	210	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
4-Bromophenyl phenyl ether	ND		210	29	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
4-Chloro-3-methylphenol	ND		210	51	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
4-Chloroaniline	ND		210	51	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
4-Chlorophenyl phenyl ether	ND		210	26	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
4-Methylphenol	ND		400	24	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
4-Nitroaniline	ND		400	110	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
4-Nitrophenol	ND		400	150	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Acenaphthene	ND		210	30	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Acenaphthylene	ND		210	27	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Acetophenone	ND		210	28	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1

Client Sample ID: TP-18 4-5'
Date Collected: 09/27/22 10:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-7
Matrix: Solid
Percent Solids: 80.5

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		210	51	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Atrazine	ND		210	72	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Benzaldehyde	ND		210	160	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Benzo[a]anthracene	ND		210	21	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Benzo[a]pyrene	ND		210	30	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Benzo[b]fluoranthene	ND		210	33	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Benzo[g,h,i]perylene	ND		210	22	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Benzo[k]fluoranthene	ND		210	27	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Bis(2-chloroethoxy)methane	ND		210	44	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Bis(2-chloroethyl)ether	ND		210	27	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Bis(2-ethylhexyl) phthalate	ND		210	71	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Butyl benzyl phthalate	ND		210	34	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Caprolactam	ND		210	62	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Carbazole	ND		210	24	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Chrysene	ND		210	46	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Di-n-butyl phthalate	ND		210	35	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Di-n-octyl phthalate	ND		210	24	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Dibenz(a,h)anthracene	ND		210	37	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Dibenzofuran	ND		210	24	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Diethyl phthalate	ND		210	27	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Dimethyl phthalate	ND		210	24	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Fluoranthene	**28**	**J**	210	22	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Fluorene	ND		210	24	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Hexachlorobenzene	ND		210	28	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Hexachlorobutadiene	ND		210	30	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Hexachlorocyclopentadiene	ND		210	28	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Hexachloroethane	ND		210	27	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Indeno[1,2,3-cd]pyrene	ND		210	26	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Isophorone	ND		210	44	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
N-Nitrosodi-n-propylamine	ND		210	35	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
N-Nitrosodiphenylamine	ND		210	170	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Naphthalene	ND		210	27	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Nitrobenzene	ND		210	23	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Pentachlorophenol	ND		400	210	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Phenanthrene	**50**	**J**	210	30	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Phenol	ND		210	32	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1
Pyrene	**30**	**J**	210	24	ug/Kg	☼	09/29/22 15:38	09/30/22 21:29	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*16000*	*T J*	*ug/Kg*	☼	*1.65*	*N/A*	*09/29/22 15:38*	*09/30/22 21:29*	*1*
Unknown	*1500*	*T J*	*ug/Kg*	☼	*2.82*	*N/A*	*09/29/22 15:38*	*09/30/22 21:29*	*1*
Cyclic octaatomic sulfur	*890*	*T J N*	*ug/Kg*	☼	*11.70*	*10544-50-0*	*09/29/22 15:38*	*09/30/22 21:29*	*1*
Unknown	*200*	*T J*	*ug/Kg*	☼	*12.27*	*N/A*	*09/29/22 15:38*	*09/30/22 21:29*	*1*
Unknown	*170*	*T J*	*ug/Kg*	☼	*12.56*	*N/A*	*09/29/22 15:38*	*09/30/22 21:29*	*1*
Unknown	*260*	*T J*	*ug/Kg*	☼	*12.83*	*N/A*	*09/29/22 15:38*	*09/30/22 21:29*	*1*
Unknown	*190*	*T J*	*ug/Kg*	☼	*13.10*	*N/A*	*09/29/22 15:38*	*09/30/22 21:29*	*1*
Unknown	*310*	*T J*	*ug/Kg*	☼	*13.35*	*N/A*	*09/29/22 15:38*	*09/30/22 21:29*	*1*
Unknown	*470*	*T J*	*ug/Kg*	☼	*15.12*	*N/A*	*09/29/22 15:38*	*09/30/22 21:29*	*1*
Unknown	*230*	*T J*	*ug/Kg*	☼	*15.26*	*N/A*	*09/29/22 15:38*	*09/30/22 21:29*	*1*
Unknown	*180*	*T J*	*ug/Kg*	☼	*15.54*	*N/A*	*09/29/22 15:38*	*09/30/22 21:29*	*1*

Client Sample ID: TP-18 4-5'

Date Collected: 09/27/22 10:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-7

Matrix: Solid
Percent Solids: 80.5

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	490	T J	ug/Kg	☼	15.72	N/A	09/29/22 15:38	09/30/22 21:29	1
Unknown	380	T J	ug/Kg	☼	16.43	N/A	09/29/22 15:38	09/30/22 21:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	105		54 - 120	09/29/22 15:38	09/30/22 21:29	1
2-Fluorobiphenyl	100		60 - 120	09/29/22 15:38	09/30/22 21:29	1
2-Fluorophenol	74		52 - 120	09/29/22 15:38	09/30/22 21:29	1
Nitrobenzene-d5	91		53 - 120	09/29/22 15:38	09/30/22 21:29	1
p-Terphenyl-d14	118		79 - 130	09/29/22 15:38	09/30/22 21:29	1
Phenol-d5	76		54 - 120	09/29/22 15:38	09/30/22 21:29	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		2.0	0.39	ug/Kg	☼	10/03/22 15:41	10/04/22 12:27	1
4,4'-DDE	ND		2.0	0.42	ug/Kg	☼	10/03/22 15:41	10/04/22 12:27	1
4,4'-DDT	ND		2.0	0.47	ug/Kg	☼	10/03/22 15:41	10/04/22 12:27	1
Aldrin	ND		2.0	0.50	ug/Kg	☼	10/03/22 15:41	10/04/22 12:27	1
alpha-BHC	ND		2.0	0.36	ug/Kg	☼	10/03/22 15:41	10/04/22 12:27	1
cis-Chlordane	ND		2.0	1.0	ug/Kg	☼	10/03/22 15:41	10/04/22 12:27	1
beta-BHC	ND		2.0	0.36	ug/Kg	☼	10/03/22 15:41	10/04/22 12:27	1
delta-BHC	ND		2.0	0.38	ug/Kg	☼	10/03/22 15:41	10/04/22 12:27	1
Dieldrin	ND		2.0	0.48	ug/Kg	☼	10/03/22 15:41	10/04/22 12:27	1
Endosulfan I	ND		2.0	0.39	ug/Kg	☼	10/03/22 15:41	10/04/22 12:27	1
Endosulfan II	ND		2.0	0.36	ug/Kg	☼	10/03/22 15:41	10/04/22 12:27	1
Endosulfan sulfate	**0.75**	**J**	2.0	0.38	ug/Kg	☼	10/03/22 15:41	10/04/22 12:27	1
Endrin	ND		2.0	0.40	ug/Kg	☼	10/03/22 15:41	10/04/22 12:27	1
Endrin aldehyde	ND		2.0	0.52	ug/Kg	☼	10/03/22 15:41	10/04/22 12:27	1
Endrin ketone	ND		2.0	0.50	ug/Kg	☼	10/03/22 15:41	10/04/22 12:27	1
gamma-BHC (Lindane)	ND		2.0	0.37	ug/Kg	☼	10/03/22 15:41	10/04/22 12:27	1
trans-Chlordane	ND		2.0	0.64	ug/Kg	☼	10/03/22 15:41	10/04/22 12:27	1
Heptachlor	ND		2.0	0.44	ug/Kg	☼	10/03/22 15:41	10/04/22 12:27	1
Heptachlor epoxide	ND		2.0	0.52	ug/Kg	☼	10/03/22 15:41	10/04/22 12:27	1
Methoxychlor	ND		2.0	0.41	ug/Kg	☼	10/03/22 15:41	10/04/22 12:27	1
Toxaphene	ND		20	12	ug/Kg	☼	10/03/22 15:41	10/04/22 12:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	76		45 - 120	10/03/22 15:41	10/04/22 12:27	1
DCB Decachlorobiphenyl	88		45 - 120	10/03/22 15:41	10/04/22 12:27	1
Tetrachloro-m-xylene	88		30 - 124	10/03/22 15:41	10/04/22 12:27	1
Tetrachloro-m-xylene	64		30 - 124	10/03/22 15:41	10/04/22 12:27	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.22	0.043	mg/Kg	☼	09/30/22 16:34	10/02/22 23:50	1
PCB-1221	ND		0.22	0.043	mg/Kg	☼	09/30/22 16:34	10/02/22 23:50	1
PCB-1232	ND		0.22	0.043	mg/Kg	☼	09/30/22 16:34	10/02/22 23:50	1
PCB-1242	ND		0.22	0.043	mg/Kg	☼	09/30/22 16:34	10/02/22 23:50	1
PCB-1248	ND		0.22	0.043	mg/Kg	☼	09/30/22 16:34	10/02/22 23:50	1
PCB-1254	ND		0.22	0.10	mg/Kg	☼	09/30/22 16:34	10/02/22 23:50	1
PCB-1260	ND		0.22	0.10	mg/Kg	☼	09/30/22 16:34	10/02/22 23:50	1

Client Sample ID: TP-18 4-5'

Date Collected: 09/27/22 10:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-7

Matrix: Solid
Percent Solids: 80.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*93*		*60 - 154*	*09/30/22 16:34*	*10/02/22 23:50*	*1*
Tetrachloro-m-xylene	*106*		*60 - 154*	*09/30/22 16:34*	*10/02/22 23:50*	*1*
DCB Decachlorobiphenyl	*93*		*65 - 174*	*09/30/22 16:34*	*10/02/22 23:50*	*1*
DCB Decachlorobiphenyl	*118*		*65 - 174*	*09/30/22 16:34*	*10/02/22 23:50*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		20	6.5	ug/Kg	☼	10/04/22 07:41	10/06/22 17:07	1
Silvex (2,4,5-TP)	ND		20	7.3	ug/Kg	☼	10/04/22 07:41	10/06/22 17:07	1
2,4-D	ND		20	13	ug/Kg	☼	10/04/22 07:41	10/06/22 17:07	1
Dichlorprop	**11**	**J**	20	10	ug/Kg	☼	10/04/22 07:41	10/06/22 17:07	1
Pentachlorophenol	ND		20	6.6	ug/Kg	☼	10/04/22 07:41	10/06/22 17:07	1
Picloram	ND		20	8.8	ug/Kg	☼	10/04/22 07:41	10/06/22 17:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	*124*		*28 - 129*	*10/04/22 07:41*	*10/06/22 17:07*	*1*
2,4-Dichlorophenylacetic acid	*83*		*28 - 129*	*10/04/22 07:41*	*10/06/22 17:07*	*1*

Method: EPA 537 (Modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.25	0.023	ng/g	☼	10/05/22 11:50	10/18/22 00:37	1
Perfluoroheptanoic acid	ND		0.25	0.030	ng/g	☼	10/05/22 11:50	10/18/22 00:37	1
Perfluorooctanoic acid	ND		0.25	0.027	ng/g	☼	10/05/22 11:50	10/18/22 00:37	1
Perfluorononanoic acid	ND		0.25	0.028	ng/g	☼	10/05/22 11:50	10/18/22 00:37	1
Perfluorodecanoic acid	ND		0.25	0.030	ng/g	☼	10/05/22 11:50	10/18/22 00:37	1
Perfluorotridecanoic acid	ND		0.25	0.026	ng/g	☼	10/05/22 11:50	10/18/22 00:37	1
Perfluorotetradecanoic acid	ND		0.25	0.030	ng/g	☼	10/05/22 11:50	10/18/22 00:37	1
Perfluorobutanesulfonic acid	ND		0.49	0.45	ng/g	☼	10/05/22 11:50	10/18/22 00:37	1
Perfluorohexanesulfonic acid	ND		0.25	0.023	ng/g	☼	10/05/22 11:50	10/18/22 00:37	1
Perfluorooctanesulfonic acid	ND		0.25	0.043	ng/g	☼	10/05/22 11:50	10/18/22 00:37	1
NEtFOSAA	ND		0.25	0.027	ng/g	☼	10/05/22 11:50	10/18/22 00:37	1
NMeFOSAA	ND		0.25	0.038	ng/g	☼	10/05/22 11:50	10/18/22 00:37	1
Perfluoroheptanesulfonic acid	ND		0.25	0.025	ng/g	☼	10/05/22 11:50	10/18/22 00:37	1
Perfluorodecanesulfonic acid	ND		0.25	0.026	ng/g	☼	10/05/22 11:50	10/18/22 00:37	1
Perfluorooctanesulfonamide	ND		0.25	0.026	ng/g	☼	10/05/22 11:50	10/18/22 00:37	1
Perfluorobutanoic acid	ND		0.25	0.030	ng/g	☼	10/05/22 11:50	10/18/22 00:37	1
Perfluoroundecanoic acid	ND		0.25	0.069	ng/g	☼	10/05/22 11:50	10/18/22 00:37	1
Perfluorododecanoic acid	ND		0.25	0.028	ng/g	☼	10/05/22 11:50	10/18/22 00:37	1
6:2 Fluorotelomer sulfonic acid	ND		0.25	0.061	ng/g	☼	10/05/22 11:50	10/18/22 00:37	1
8:2 Fluorotelomer sulfonic acid	ND		0.25	0.021	ng/g	☼	10/05/22 11:50	10/18/22 00:37	1
Perfluoropentanoic acid	ND		0.25	0.030	ng/g	☼	10/05/22 11:50	10/18/22 00:37	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-8:2 FTS	*129*		*15 - 200*	*10/05/22 11:50*	*10/18/22 00:37*	*1*
M2-6:2 FTS	*164*		*10 - 200*	*10/05/22 11:50*	*10/18/22 00:37*	*1*
13C5 PFHxA	*79*		*10 - 174*	*10/05/22 11:50*	*10/18/22 00:37*	*1*
13C4 PFHpA	*89*		*10 - 178*	*10/05/22 11:50*	*10/18/22 00:37*	*1*
13C8 PFOA	*81*		*26 - 159*	*10/05/22 11:50*	*10/18/22 00:37*	*1*
13C9 PFNA	*112*		*26 - 165*	*10/05/22 11:50*	*10/18/22 00:37*	*1*
13C6 PFDA	*87*		*26 - 161*	*10/05/22 11:50*	*10/18/22 00:37*	*1*
13C7 PFUnA	*88*		*12 - 173*	*10/05/22 11:50*	*10/18/22 00:37*	*1*

Client Sample ID: TP-18 4-5'
Date Collected: 09/27/22 10:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-7
Matrix: Solid
Percent Solids: 80.5

Method: EPA 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2-PFDoDA	82		11 - 166	10/05/22 11:50	10/18/22 00:37	1
13C2 PFTeDA	74		10 - 169	10/05/22 11:50	10/18/22 00:37	1
13C3 PFBS	79		27 - 179	10/05/22 11:50	10/18/22 00:37	1
13C3 PFHxS	79		24 - 171	10/05/22 11:50	10/18/22 00:37	1
13C8 PFOS	93		41 - 154	10/05/22 11:50	10/18/22 00:37	1
d3-NMeFOSAA	90		10 - 178	10/05/22 11:50	10/18/22 00:37	1
d5-NEtFOSAA	85		10 - 193	10/05/22 11:50	10/18/22 00:37	1
13C8 FOSA	40		14 - 163	10/05/22 11:50	10/18/22 00:37	1
13C4 PFBA	86		28 - 153	10/05/22 11:50	10/18/22 00:37	1
13C5 PFPeA	83		24 - 161	10/05/22 11:50	10/18/22 00:37	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4100**		11.8	5.2	mg/Kg	☼	09/29/22 11:46	09/30/22 22:35	1
Antimony	ND		17.7	0.47	mg/Kg	☼	09/29/22 11:46	09/30/22 22:35	1
Arsenic	**12.2**		2.4	0.47	mg/Kg	☼	09/29/22 11:46	09/30/22 22:35	1
Barium	**27.4**		0.59	0.13	mg/Kg	☼	09/29/22 11:46	09/30/22 22:35	1
Beryllium	**0.49**		0.24	0.033	mg/Kg	☼	09/29/22 11:46	09/30/22 22:35	1
Cadmium	**0.19**	**J**	0.24	0.035	mg/Kg	☼	09/29/22 11:46	09/30/22 22:35	1
Calcium	**19800**		59.0	3.9	mg/Kg	☼	09/29/22 11:46	09/30/22 22:35	1
Chromium	**5.8**		0.59	0.24	mg/Kg	☼	09/29/22 11:46	09/30/22 22:35	1
Cobalt	**10.5**		0.59	0.059	mg/Kg	☼	09/29/22 11:46	09/30/22 22:35	1
Copper	**28.2**		1.2	0.25	mg/Kg	☼	09/29/22 11:46	09/30/22 22:35	1
Iron	**8790**		11.8	4.1	mg/Kg	☼	09/29/22 11:46	09/30/22 22:35	1
Lead	**18.5**		1.2	0.28	mg/Kg	☼	09/29/22 11:46	09/30/22 22:35	1
Magnesium	**2380**	**B**	23.6	1.1	mg/Kg	☼	09/29/22 11:46	09/30/22 22:35	1
Manganese	**169**	**B**	0.24	0.038	mg/Kg	☼	09/29/22 11:46	09/30/22 22:35	1
Nickel	**17.1**		5.9	0.27	mg/Kg	☼	09/29/22 11:46	09/30/22 22:35	1
Potassium	**883**		35.4	23.6	mg/Kg	☼	09/29/22 11:46	09/30/22 22:35	1
Selenium	**1.1**	**J B**	4.7	0.47	mg/Kg	☼	09/29/22 11:46	09/30/22 22:35	1
Silver	ND		0.71	0.24	mg/Kg	☼	09/29/22 11:46	09/30/22 22:35	1
Sodium	**239**		165	15.3	mg/Kg	☼	09/29/22 11:46	10/03/22 20:06	1
Thallium	**0.45**	**J**	7.1	0.35	mg/Kg	☼	09/29/22 11:46	09/30/22 22:35	1
Vanadium	**10.5**		0.59	0.13	mg/Kg	☼	09/29/22 11:46	09/30/22 22:35	1
Zinc	**38.3**		2.4	0.75	mg/Kg	☼	09/29/22 11:46	09/30/22 22:35	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.022**	**J**	0.025	0.0056	mg/Kg	☼	09/30/22 09:54	09/30/22 13:14	1

Client Sample ID: DUP-1
Date Collected: 09/27/22 10:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-8
Matrix: Solid
Percent Solids: 81.2

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.5	0.18	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
1,1,2,2-Tetrachloroethane	ND	*3	2.5	0.41	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.5	0.57	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
1,1,2-Trichloroethane	ND		2.5	0.33	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
1,1-Dichloroethane	ND		2.5	0.31	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
1,1-Dichloroethene	ND		2.5	0.31	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
1,2,4-Trichlorobenzene	ND	*3	2.5	0.15	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
1,2,4-Trimethylbenzene	ND	*3	2.5	0.48	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
1,2-Dibromo-3-Chloropropane	ND	*3	2.5	1.3	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
1,2-Dichlorobenzene	ND	*3	2.5	0.20	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
1,2-Dichloroethane	ND		2.5	0.13	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
1,2-Dichloropropane	ND		2.5	1.3	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
1,3,5-Trimethylbenzene	ND	*3	2.5	0.16	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
1,3-Dichlorobenzene	ND	*3	2.5	0.13	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
1,4-Dichlorobenzene	ND	*3	2.5	0.35	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
2-Butanone (MEK)	**2.5**	**J**	13	0.92	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
2-Hexanone	ND		13	1.3	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
4-Isopropyltoluene	ND	*3	2.5	0.20	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
4-Methyl-2-pentanone (MIBK)	ND		13	0.82	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Acetone	**19**		13	2.1	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Benzene	ND		2.5	0.12	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Bromoform	ND		2.5	1.3	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Bromomethane	ND		2.5	0.23	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Carbon disulfide	ND		2.5	1.3	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Carbon tetrachloride	ND		2.5	0.24	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Chlorobenzene	ND		2.5	0.33	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Dibromochloromethane	ND		2.5	0.32	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Chloroethane	ND		2.5	0.57	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Chloroform	ND		2.5	0.15	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Chloromethane	ND		2.5	0.15	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
cis-1,2-Dichloroethene	ND		2.5	0.32	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Cyclohexane	ND		2.5	0.35	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Bromodichloromethane	ND		2.5	0.34	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Dichlorodifluoromethane	ND		2.5	0.21	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Ethylbenzene	ND		2.5	0.17	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
1,2-Dibromoethane	ND		2.5	0.32	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Isopropylbenzene	ND	*3	2.5	0.38	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Methyl acetate	ND		13	1.5	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Methyl tert-butyl ether	ND		2.5	0.25	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Methylcyclohexane	ND		2.5	0.38	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Methylene Chloride	ND		2.5	1.2	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
m,p-Xylene	ND		5.0	0.42	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Naphthalene	ND	*3	2.5	0.34	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
n-Butylbenzene	ND	*3	2.5	0.22	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
N-Propylbenzene	ND	*3	2.5	0.20	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
o-Xylene	ND		2.5	0.33	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
sec-Butylbenzene	ND	*3	2.5	0.22	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Tetrachloroethene	ND		2.5	0.34	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Toluene	ND		2.5	0.19	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1

Client Sample ID: DUP-1
Date Collected: 09/27/22 10:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-8
Matrix: Solid
Percent Solids: 81.2

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		2.5	0.26	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
trans-1,3-Dichloropropene	ND		2.5	1.1	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Trichloroethene	ND		2.5	0.55	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Trichlorofluoromethane	ND		2.5	0.24	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Vinyl chloride	ND		2.5	0.31	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Xylenes, Total	ND		5.0	0.42	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
cis-1,3-Dichloropropene	ND		2.5	0.36	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
Styrene	ND		2.5	0.13	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1
tert-Butylbenzene	ND	*3	2.5	0.26	ug/Kg	☼	09/28/22 16:30	10/02/22 22:31	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
column bleed	*9.6*	*T J*	*ug/Kg*	☼	*9.59*	*N/A*	*09/28/22 16:30*	*10/02/22 22:31*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*64 - 126*	*09/28/22 16:30*	*10/02/22 22:31*	*1*
4-Bromofluorobenzene (Surr)	*74*		*72 - 126*	*09/28/22 16:30*	*10/02/22 22:31*	*1*
Toluene-d8 (Surr)	*131*	*S1+*	*71 - 125*	*09/28/22 16:30*	*10/02/22 22:31*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 140*	*09/28/22 16:30*	*10/02/22 22:31*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		200	30	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
bis (2-chloroisopropyl) ether	ND		200	41	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
2,4,5-Trichlorophenol	ND		200	55	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
2,4,6-Trichlorophenol	ND		200	41	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
2,4-Dichlorophenol	ND		200	22	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
2,4-Dimethylphenol	ND		200	49	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
2,4-Dinitrophenol	ND		2000	940	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
2,4-Dinitrotoluene	ND		200	42	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
2,6-Dinitrotoluene	ND		200	24	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
2-Chloronaphthalene	ND		200	34	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
1,4-Dioxane	ND		120	66	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
2-Chlorophenol	ND		400	37	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
2-Methylnaphthalene	ND		200	41	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
2-Methylphenol	ND		200	24	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
2-Nitroaniline	ND		400	30	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
2-Nitrophenol	ND		200	58	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
3,3'-Dichlorobenzidine	ND		400	240	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
3-Nitroaniline	ND		400	56	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
4,6-Dinitro-2-methylphenol	ND		400	200	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
4-Bromophenyl phenyl ether	ND		200	29	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
4-Chloro-3-methylphenol	ND		200	50	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
4-Chloroaniline	ND		200	50	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
4-Chlorophenyl phenyl ether	ND		200	25	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
4-Methylphenol	ND		400	24	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
4-Nitroaniline	ND		400	110	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
4-Nitrophenol	ND		400	140	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Acenaphthene	ND		200	30	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Acenaphthylene	ND		200	26	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Acetophenone	ND		200	28	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1

Client Sample ID: DUP-1
Date Collected: 09/27/22 10:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-8
Matrix: Solid
Percent Solids: 81.2

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		200	50	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Atrazine	ND		200	71	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Benzaldehyde	ND		200	160	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Benzo[a]anthracene	ND		200	20	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Benzo[a]pyrene	ND		200	30	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Benzo[b]fluoranthene	ND		200	32	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Benzo[g,h,i]perylene	ND		200	22	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Benzo[k]fluoranthene	ND		200	26	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Bis(2-chloroethoxy)methane	ND		200	43	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Bis(2-chloroethyl)ether	ND		200	26	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Bis(2-ethylhexyl) phthalate	ND		200	70	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Butyl benzyl phthalate	ND		200	34	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Caprolactam	ND		200	61	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Carbazole	ND		200	24	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Chrysene	ND		200	46	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Di-n-butyl phthalate	ND		200	35	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Di-n-octyl phthalate	ND		200	24	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Dibenz(a,h)anthracene	ND		200	36	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Dibenzofuran	ND		200	24	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Diethyl phthalate	**55**	**J B**	200	26	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Dimethyl phthalate	ND		200	24	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Fluoranthene	ND		200	22	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Fluorene	ND		200	24	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Hexachlorobenzene	ND		200	28	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Hexachlorobutadiene	ND		200	30	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Hexachlorocyclopentadiene	ND		200	28	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Hexachloroethane	ND		200	26	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Indeno[1,2,3-cd]pyrene	ND		200	25	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Isophorone	ND		200	43	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
N-Nitrosodi-n-propylamine	ND		200	35	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
N-Nitrosodiphenylamine	ND		200	170	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Naphthalene	ND		200	26	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Nitrobenzene	ND		200	23	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Pentachlorophenol	ND		400	200	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Phenanthrene	**42**	**J**	200	30	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Phenol	ND		200	31	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1
Pyrene	ND		200	24	ug/Kg	☼	09/29/22 15:38	09/30/22 21:53	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1400*	*T J*	*ug/Kg*	☼	*2.79*	*N/A*	*09/29/22 15:38*	*09/30/22 21:53*	*1*
Unknown	*180*	*T J*	*ug/Kg*	☼	*10.17*	*N/A*	*09/29/22 15:38*	*09/30/22 21:53*	*1*
Unknown	*640*	*T J*	*ug/Kg*	☼	*11.69*	*N/A*	*09/29/22 15:38*	*09/30/22 21:53*	*1*
Unknown	*270*	*T J*	*ug/Kg*	☼	*12.83*	*N/A*	*09/29/22 15:38*	*09/30/22 21:53*	*1*
Unknown	*270*	*T J*	*ug/Kg*	☼	*13.36*	*N/A*	*09/29/22 15:38*	*09/30/22 21:53*	*1*
Unknown	*160*	*T J*	*ug/Kg*	☼	*13.58*	*N/A*	*09/29/22 15:38*	*09/30/22 21:53*	*1*
Eicosane	*180*	*T J N*	*ug/Kg*	☼	*13.61*	*112-95-8*	*09/29/22 15:38*	*09/30/22 21:53*	*1*
Unknown	*300*	*T J*	*ug/Kg*	☼	*15.08*	*N/A*	*09/29/22 15:38*	*09/30/22 21:53*	*1*
Unknown	*440*	*T J*	*ug/Kg*	☼	*15.12*	*N/A*	*09/29/22 15:38*	*09/30/22 21:53*	*1*
Unknown	*300*	*T J*	*ug/Kg*	☼	*15.72*	*N/A*	*09/29/22 15:38*	*09/30/22 21:53*	*1*

Client Sample ID: DUP-1
Date Collected: 09/27/22 10:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-8
Matrix: Solid
Percent Solids: 81.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	97		54 - 120	09/29/22 15:38	09/30/22 21:53	1
2-Fluorobiphenyl	102		60 - 120	09/29/22 15:38	09/30/22 21:53	1
2-Fluorophenol	101		52 - 120	09/29/22 15:38	09/30/22 21:53	1
Nitrobenzene-d5	95		53 - 120	09/29/22 15:38	09/30/22 21:53	1
p-Terphenyl-d14	115		79 - 130	09/29/22 15:38	09/30/22 21:53	1
Phenol-d5	82		54 - 120	09/29/22 15:38	09/30/22 21:53	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		2.0	0.39	ug/Kg	☼	10/03/22 15:41	10/04/22 12:46	1
4,4'-DDE	ND		2.0	0.42	ug/Kg	☼	10/03/22 15:41	10/04/22 12:46	1
4,4'-DDT	**0.48**	**J**	2.0	0.47	ug/Kg	☼	10/03/22 15:41	10/04/22 12:46	1
Aldrin	ND		2.0	0.49	ug/Kg	☼	10/03/22 15:41	10/04/22 12:46	1
alpha-BHC	ND		2.0	0.36	ug/Kg	☼	10/03/22 15:41	10/04/22 12:46	1
cis-Chlordane	ND		2.0	1.0	ug/Kg	☼	10/03/22 15:41	10/04/22 12:46	1
beta-BHC	ND		2.0	0.36	ug/Kg	☼	10/03/22 15:41	10/04/22 12:46	1
delta-BHC	ND		2.0	0.37	ug/Kg	☼	10/03/22 15:41	10/04/22 12:46	1
Dieldrin	ND		2.0	0.48	ug/Kg	☼	10/03/22 15:41	10/04/22 12:46	1
Endosulfan I	ND		2.0	0.39	ug/Kg	☼	10/03/22 15:41	10/04/22 12:46	1
Endosulfan II	ND		2.0	0.36	ug/Kg	☼	10/03/22 15:41	10/04/22 12:46	1
Endosulfan sulfate	**0.64**	**J**	2.0	0.38	ug/Kg	☼	10/03/22 15:41	10/04/22 12:46	1
Endrin	ND		2.0	0.40	ug/Kg	☼	10/03/22 15:41	10/04/22 12:46	1
Endrin aldehyde	ND		2.0	0.51	ug/Kg	☼	10/03/22 15:41	10/04/22 12:46	1
Endrin ketone	ND		2.0	0.49	ug/Kg	☼	10/03/22 15:41	10/04/22 12:46	1
gamma-BHC (Lindane)	ND		2.0	0.37	ug/Kg	☼	10/03/22 15:41	10/04/22 12:46	1
trans-Chlordane	ND		2.0	0.64	ug/Kg	☼	10/03/22 15:41	10/04/22 12:46	1
Heptachlor	ND		2.0	0.44	ug/Kg	☼	10/03/22 15:41	10/04/22 12:46	1
Heptachlor epoxide	ND		2.0	0.52	ug/Kg	☼	10/03/22 15:41	10/04/22 12:46	1
Methoxychlor	ND		2.0	0.41	ug/Kg	☼	10/03/22 15:41	10/04/22 12:46	1
Toxaphene	ND		20	12	ug/Kg	☼	10/03/22 15:41	10/04/22 12:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	80		45 - 120	10/03/22 15:41	10/04/22 12:46	1
DCB Decachlorobiphenyl	94		45 - 120	10/03/22 15:41	10/04/22 12:46	1
Tetrachloro-m-xylene	95		30 - 124	10/03/22 15:41	10/04/22 12:46	1
Tetrachloro-m-xylene	70		30 - 124	10/03/22 15:41	10/04/22 12:46	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.26	0.050	mg/Kg	☼	09/30/22 16:34	10/03/22 00:04	1
PCB-1221	ND		0.26	0.050	mg/Kg	☼	09/30/22 16:34	10/03/22 00:04	1
PCB-1232	ND		0.26	0.050	mg/Kg	☼	09/30/22 16:34	10/03/22 00:04	1
PCB-1242	ND		0.26	0.050	mg/Kg	☼	09/30/22 16:34	10/03/22 00:04	1
PCB-1248	ND		0.26	0.050	mg/Kg	☼	09/30/22 16:34	10/03/22 00:04	1
PCB-1254	ND		0.26	0.12	mg/Kg	☼	09/30/22 16:34	10/03/22 00:04	1
PCB-1260	ND		0.26	0.12	mg/Kg	☼	09/30/22 16:34	10/03/22 00:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	91		60 - 154	09/30/22 16:34	10/03/22 00:04	1
Tetrachloro-m-xylene	108		60 - 154	09/30/22 16:34	10/03/22 00:04	1
DCB Decachlorobiphenyl	93		65 - 174	09/30/22 16:34	10/03/22 00:04	1

Client Sample ID: DUP-1
Date Collected: 09/27/22 10:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-8
Matrix: Solid
Percent Solids: 81.2

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*120*		*65 - 174*	*09/30/22 16:34*	*10/03/22 00:04*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		20	6.5	ug/Kg	☼	10/04/22 07:41	10/06/22 17:26	1
Silvex (2,4,5-TP)	ND		20	7.3	ug/Kg	☼	10/04/22 07:41	10/06/22 17:26	1
2,4-D	ND		20	13	ug/Kg	☼	10/04/22 07:41	10/06/22 17:26	1
Dichlorprop	ND		20	10	ug/Kg	☼	10/04/22 07:41	10/06/22 17:26	1
Pentachlorophenol	ND		20	6.6	ug/Kg	☼	10/04/22 07:41	10/06/22 17:26	1
Picloram	ND		20	8.8	ug/Kg	☼	10/04/22 07:41	10/06/22 17:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	*105*		*28 - 129*	*10/04/22 07:41*	*10/06/22 17:26*	*1*
2,4-Dichlorophenylacetic acid	*89*		*28 - 129*	*10/04/22 07:41*	*10/06/22 17:26*	*1*

Method: EPA 537 (Modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.25	0.023	ng/g	☼	10/05/22 11:50	10/18/22 00:49	1
Perfluoroheptanoic acid	ND		0.25	0.030	ng/g	☼	10/05/22 11:50	10/18/22 00:49	1
Perfluorooctanoic acid	ND		0.25	0.027	ng/g	☼	10/05/22 11:50	10/18/22 00:49	1
Perfluorononanoic acid	ND		0.25	0.028	ng/g	☼	10/05/22 11:50	10/18/22 00:49	1
Perfluorodecanoic acid	ND		0.25	0.030	ng/g	☼	10/05/22 11:50	10/18/22 00:49	1
Perfluorotridecanoic acid	ND		0.25	0.026	ng/g	☼	10/05/22 11:50	10/18/22 00:49	1
Perfluorotetradecanoic acid	ND		0.25	0.030	ng/g	☼	10/05/22 11:50	10/18/22 00:49	1
Perfluorobutanesulfonic acid	ND		0.49	0.45	ng/g	☼	10/05/22 11:50	10/18/22 00:49	1
Perfluorohexanesulfonic acid	ND		0.25	0.023	ng/g	☼	10/05/22 11:50	10/18/22 00:49	1
Perfluorooctanesulfonic acid	ND		0.25	0.043	ng/g	☼	10/05/22 11:50	10/18/22 00:49	1
NEtFOSAA	ND		0.25	0.027	ng/g	☼	10/05/22 11:50	10/18/22 00:49	1
NMeFOSAA	ND		0.25	0.038	ng/g	☼	10/05/22 11:50	10/18/22 00:49	1
Perfluoroheptanesulfonic acid	ND		0.25	0.025	ng/g	☼	10/05/22 11:50	10/18/22 00:49	1
Perfluorodecanesulfonic acid	ND		0.25	0.026	ng/g	☼	10/05/22 11:50	10/18/22 00:49	1
Perfluorooctanesulfonamide	ND		0.25	0.026	ng/g	☼	10/05/22 11:50	10/18/22 00:49	1
Perfluorobutanoic acid	ND		0.25	0.030	ng/g	☼	10/05/22 11:50	10/18/22 00:49	1
Perfluoroundecanoic acid	ND		0.25	0.069	ng/g	☼	10/05/22 11:50	10/18/22 00:49	1
Perfluorododecanoic acid	ND		0.25	0.028	ng/g	☼	10/05/22 11:50	10/18/22 00:49	1
6:2 Fluorotelomer sulfonic acid	ND		0.25	0.060	ng/g	☼	10/05/22 11:50	10/18/22 00:49	1
8:2 Fluorotelomer sulfonic acid	ND		0.25	0.021	ng/g	☼	10/05/22 11:50	10/18/22 00:49	1
Perfluoropentanoic acid	ND		0.25	0.030	ng/g	☼	10/05/22 11:50	10/18/22 00:49	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-8:2 FTS	*144*		*15 - 200*	*10/05/22 11:50*	*10/18/22 00:49*	*1*
M2-6:2 FTS	*186*		*10 - 200*	*10/05/22 11:50*	*10/18/22 00:49*	*1*
13C5 PFHxA	*79*		*10 - 174*	*10/05/22 11:50*	*10/18/22 00:49*	*1*
13C4 PFHpA	*85*		*10 - 178*	*10/05/22 11:50*	*10/18/22 00:49*	*1*
13C8 PFOA	*82*		*26 - 159*	*10/05/22 11:50*	*10/18/22 00:49*	*1*
13C9 PFNA	*117*		*26 - 165*	*10/05/22 11:50*	*10/18/22 00:49*	*1*
13C6 PFDA	*91*		*26 - 161*	*10/05/22 11:50*	*10/18/22 00:49*	*1*
13C7 PFUnA	*86*		*12 - 173*	*10/05/22 11:50*	*10/18/22 00:49*	*1*
13C2-PFDoDA	*83*		*11 - 166*	*10/05/22 11:50*	*10/18/22 00:49*	*1*
13C2 PFTeDA	*81*		*10 - 169*	*10/05/22 11:50*	*10/18/22 00:49*	*1*

Client Sample ID: DUP-1
Date Collected: 09/27/22 10:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-8
Matrix: Solid
Percent Solids: 81.2

Method: EPA 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C3 PFBS	*84*		*27 - 179*	*10/05/22 11:50*	*10/18/22 00:49*	*1*
13C3 PFHxS	*79*		*24 - 171*	*10/05/22 11:50*	*10/18/22 00:49*	*1*
13C8 PFOS	*95*		*41 - 154*	*10/05/22 11:50*	*10/18/22 00:49*	*1*
d3-NMeFOSAA	*90*		*10 - 178*	*10/05/22 11:50*	*10/18/22 00:49*	*1*
d5-NEtFOSAA	*91*		*10 - 193*	*10/05/22 11:50*	*10/18/22 00:49*	*1*
13C8 FOSA	*32*		*14 - 163*	*10/05/22 11:50*	*10/18/22 00:49*	*1*
13C4 PFBA	*88*		*28 - 153*	*10/05/22 11:50*	*10/18/22 00:49*	*1*
13C5 PFPeA	*83*		*24 - 161*	*10/05/22 11:50*	*10/18/22 00:49*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5000**		12.8	5.6	mg/Kg	☼	09/29/22 11:46	09/30/22 22:50	1
Antimony	ND		19.1	0.51	mg/Kg	☼	09/29/22 11:46	09/30/22 22:50	1
Arsenic	**8.7**		2.6	0.51	mg/Kg	☼	09/29/22 11:46	09/30/22 22:50	1
Barium	**27.8**		0.64	0.14	mg/Kg	☼	09/29/22 11:46	09/30/22 22:50	1
Beryllium	**0.45**		0.26	0.036	mg/Kg	☼	09/29/22 11:46	09/30/22 22:50	1
Cadmium	**0.22**	**J**	0.26	0.038	mg/Kg	☼	09/29/22 11:46	09/30/22 22:50	1
Calcium	**16700**		63.8	4.2	mg/Kg	☼	09/29/22 11:46	09/30/22 22:50	1
Chromium	**6.5**		0.64	0.26	mg/Kg	☼	09/29/22 11:46	09/30/22 22:50	1
Cobalt	**10.5**		0.64	0.064	mg/Kg	☼	09/29/22 11:46	09/30/22 22:50	1
Copper	**23.3**		1.3	0.27	mg/Kg	☼	09/29/22 11:46	09/30/22 22:50	1
Iron	**9820**		12.8	4.5	mg/Kg	☼	09/29/22 11:46	09/30/22 22:50	1
Lead	**18.2**		1.3	0.31	mg/Kg	☼	09/29/22 11:46	09/30/22 22:50	1
Magnesium	**3430**	**B**	25.5	1.2	mg/Kg	☼	09/29/22 11:46	09/30/22 22:50	1
Manganese	**264**	**B**	0.26	0.041	mg/Kg	☼	09/29/22 11:46	09/30/22 22:50	1
Nickel	**17.9**		6.4	0.29	mg/Kg	☼	09/29/22 11:46	09/30/22 22:50	1
Potassium	**1110**		38.3	25.5	mg/Kg	☼	09/29/22 11:46	09/30/22 22:50	1
Selenium	**1.1**	**J B**	5.1	0.51	mg/Kg	☼	09/29/22 11:46	09/30/22 22:50	1
Silver	ND		0.77	0.26	mg/Kg	☼	09/29/22 11:46	09/30/22 22:50	1
Sodium	**307**	**B**	179	16.6	mg/Kg	☼	09/29/22 11:46	09/30/22 22:50	1
Thallium	**0.40**	**J**	7.7	0.38	mg/Kg	☼	09/29/22 11:46	09/30/22 22:50	1
Vanadium	**11.8**		0.64	0.14	mg/Kg	☼	09/29/22 11:46	09/30/22 22:50	1
Zinc	**41.5**		2.6	0.82	mg/Kg	☼	09/29/22 11:46	09/30/22 22:50	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.033**		0.023	0.0052	mg/Kg	☼	09/30/22 09:54	09/30/22 13:16	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-17 3-4'
Date Collected: 09/27/22 10:30
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-9
Matrix: Solid
Percent Solids: 80.1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		2100	310	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
bis (2-chloroisopropyl) ether	ND		2100	420	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
2,4,5-Trichlorophenol	ND		2100	560	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
2,4,6-Trichlorophenol	ND		2100	420	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
2,4-Dichlorophenol	ND		2100	220	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
2,4-Dimethylphenol	ND		2100	500	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
2,4-Dinitrophenol	ND		20000	9600	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
2,4-Dinitrotoluene	ND		2100	430	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
2,6-Dinitrotoluene	ND		2100	240	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
2-Chloronaphthalene	ND		2100	340	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
1,4-Dioxane	ND		1200	670	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
2-Chlorophenol	ND		4000	380	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
2-Methylnaphthalene	ND		2100	420	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
2-Methylphenol	ND		2100	240	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
2-Nitroaniline	ND		4000	310	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
2-Nitrophenol	ND		2100	590	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
3,3'-Dichlorobenzidine	ND		4000	2400	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
3-Nitroaniline	ND		4000	580	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
4,6-Dinitro-2-methylphenol	ND		4000	2100	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
4-Bromophenyl phenyl ether	ND		2100	290	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
4-Chloro-3-methylphenol	ND		2100	510	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
4-Chloroaniline	ND		2100	510	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
4-Chlorophenyl phenyl ether	ND		2100	260	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
4-Methylphenol	ND		4000	240	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
4-Nitroaniline	ND		4000	1100	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
4-Nitrophenol	ND		4000	1500	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Acenaphthene	ND		2100	310	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Acenaphthylene	ND		2100	270	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Acetophenone	ND		2100	280	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Anthracene	**930**	**J**	2100	510	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Atrazine	ND		2100	720	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Benzaldehyde	ND		2100	1700	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Benzo[a]anthracene	**2000**	**J**	2100	210	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Benzo[a]pyrene	**1900**	**J**	2100	310	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Benzo[b]fluoranthene	**2300**		2100	330	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Benzo[g,h,i]perylene	**1300**	**J**	2100	220	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Benzo[k]fluoranthene	**950**	**J**	2100	270	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Bis(2-chloroethoxy)methane	ND		2100	440	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Bis(2-chloroethyl)ether	ND		2100	270	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Bis(2-ethylhexyl) phthalate	ND		2100	710	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Butyl benzyl phthalate	ND		2100	340	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Caprolactam	ND		2100	620	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Carbazole	ND		2100	240	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Chrysene	**2100**		2100	470	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Di-n-butyl phthalate	ND		2100	350	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Di-n-octyl phthalate	ND		2100	240	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Dibenz(a,h)anthracene	ND		2100	370	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Dibenzofuran	ND		2100	240	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Diethyl phthalate	ND		2100	270	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10

Client Sample ID: TP-17 3-4'
Date Collected: 09/27/22 10:30
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-9
Matrix: Solid
Percent Solids: 80.1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		2100	240	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Fluoranthene	**4400**		2100	220	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Fluorene	**290**	**J**	2100	240	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Hexachlorobenzene	ND		2100	280	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Hexachlorobutadiene	ND		2100	310	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Hexachlorocyclopentadiene	ND		2100	280	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Hexachloroethane	ND		2100	270	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Indeno[1,2,3-cd]pyrene	**1300**	**J**	2100	260	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Isophorone	ND		2100	440	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
N-Nitrosodi-n-propylamine	ND		2100	350	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
N-Nitrosodiphenylamine	ND		2100	1700	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Naphthalene	ND		2100	270	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Nitrobenzene	ND		2100	230	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Pentachlorophenol	ND		4000	2100	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Phenanthrene	**3100**		2100	310	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Phenol	ND		2100	320	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10
Pyrene	**3100**		2100	240	ug/Kg	☼	09/29/22 15:38	09/30/22 22:17	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*09/29/22 15:38*	*09/30/22 22:17*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*64*		*54 - 120*	*09/29/22 15:38*	*09/30/22 22:17*	*10*
2-Fluorobiphenyl	*101*		*60 - 120*	*09/29/22 15:38*	*09/30/22 22:17*	*10*
2-Fluorophenol	*79*		*52 - 120*	*09/29/22 15:38*	*09/30/22 22:17*	*10*
Nitrobenzene-d5	*84*		*53 - 120*	*09/29/22 15:38*	*09/30/22 22:17*	*10*
p-Terphenyl-d14	*113*		*79 - 130*	*09/29/22 15:38*	*09/30/22 22:17*	*10*
Phenol-d5	*59*		*54 - 120*	*09/29/22 15:38*	*09/30/22 22:17*	*10*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6180**		12.4	5.5	mg/Kg	☼	09/29/22 11:46	09/30/22 22:54	1
Antimony	**2.5**	**J**	18.6	0.50	mg/Kg	☼	09/29/22 11:46	09/30/22 22:54	1
Arsenic	**13.2**		2.5	0.50	mg/Kg	☼	09/29/22 11:46	09/30/22 22:54	1
Barium	**162**		0.62	0.14	mg/Kg	☼	09/29/22 11:46	09/30/22 22:54	1
Beryllium	**1.7**		0.25	0.035	mg/Kg	☼	09/29/22 11:46	09/30/22 22:54	1
Cadmium	**0.72**		0.25	0.037	mg/Kg	☼	09/29/22 11:46	09/30/22 22:54	1
Calcium	**9590**		62.0	4.1	mg/Kg	☼	09/29/22 11:46	09/30/22 22:54	1
Chromium	**14.5**		0.62	0.25	mg/Kg	☼	09/29/22 11:46	09/30/22 22:54	1
Cobalt	**10.2**		0.62	0.062	mg/Kg	☼	09/29/22 11:46	09/30/22 22:54	1
Copper	**150**		1.2	0.26	mg/Kg	☼	09/29/22 11:46	09/30/22 22:54	1
Iron	**28500**		12.4	4.3	mg/Kg	☼	09/29/22 11:46	09/30/22 22:54	1
Lead	**2810**		1.2	0.30	mg/Kg	☼	09/29/22 11:46	09/30/22 22:54	1
Magnesium	**2190**	**B**	24.8	1.2	mg/Kg	☼	09/29/22 11:46	09/30/22 22:54	1
Manganese	**275**	**B**	0.25	0.040	mg/Kg	☼	09/29/22 11:46	09/30/22 22:54	1
Nickel	**23.9**		6.2	0.29	mg/Kg	☼	09/29/22 11:46	09/30/22 22:54	1
Potassium	**950**		37.2	24.8	mg/Kg	☼	09/29/22 11:46	09/30/22 22:54	1
Selenium	ND		5.0	0.50	mg/Kg	☼	09/29/22 11:46	09/30/22 22:54	1
Silver	**0.25**	**J**	0.74	0.25	mg/Kg	☼	09/29/22 11:46	09/30/22 22:54	1
Sodium	**286**	**B**	174	16.1	mg/Kg	☼	09/29/22 11:46	09/30/22 22:54	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-17 3-4'
Date Collected: 09/27/22 10:30
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-9
Matrix: Solid
Percent Solids: 80.1

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	1.5	J	7.4	0.37	mg/Kg	☼	09/29/22 11:46	09/30/22 22:54	1
Vanadium	21.7		0.62	0.14	mg/Kg	☼	09/29/22 11:46	09/30/22 22:54	1
Zinc	129		2.5	0.79	mg/Kg	☼	09/29/22 11:46	09/30/22 22:54	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.33		0.025	0.0058	mg/Kg	☼	09/30/22 09:54	09/30/22 13:20	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-16 3-4'
Date Collected: 09/27/22 11:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-10
Matrix: Solid
Percent Solids: 84.1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1000	150	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
bis (2-chloroisopropyl) ether	ND		1000	200	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
2,4,5-Trichlorophenol	ND		1000	270	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
2,4,6-Trichlorophenol	ND		1000	200	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
2,4-Dichlorophenol	ND		1000	110	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
2,4-Dimethylphenol	ND		1000	240	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
2,4-Dinitrophenol	ND		9700	4600	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
2,4-Dinitrotoluene	ND		1000	200	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
2,6-Dinitrotoluene	ND		1000	120	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
2-Chloronaphthalene	ND		1000	160	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
1,4-Dioxane	ND		590	320	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
2-Chlorophenol	ND		1900	180	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
2-Methylnaphthalene	ND		1000	200	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
2-Methylphenol	ND		1000	120	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
2-Nitroaniline	ND		1900	150	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
2-Nitrophenol	ND		1000	280	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
3,3'-Dichlorobenzidine	ND		1900	1200	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
3-Nitroaniline	ND		1900	280	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
4,6-Dinitro-2-methylphenol	ND		1900	1000	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
4-Bromophenyl phenyl ether	ND		1000	140	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
4-Chloro-3-methylphenol	ND		1000	250	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
4-Chloroaniline	ND		1000	250	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
4-Chlorophenyl phenyl ether	ND		1000	120	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
4-Methylphenol	ND		1900	120	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
4-Nitroaniline	ND		1900	520	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
4-Nitrophenol	ND		1900	700	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Acenaphthene	ND		1000	150	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Acenaphthylene	ND		1000	130	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Acetophenone	ND		1000	130	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Anthracene	ND		1000	250	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Atrazine	ND		1000	350	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Benzaldehyde	ND		1000	790	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Benzo[a]anthracene	ND		1000	100	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Benzo[a]pyrene	ND		1000	150	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Benzo[b]fluoranthene	ND		1000	160	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Benzo[g,h,i]perylene	ND		1000	110	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Benzo[k]fluoranthene	ND		1000	130	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Bis(2-chloroethoxy)methane	ND		1000	210	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Bis(2-chloroethyl)ether	ND		1000	130	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Bis(2-ethylhexyl) phthalate	ND		1000	340	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Butyl benzyl phthalate	ND		1000	160	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Caprolactam	ND		1000	300	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Carbazole	ND		1000	120	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Chrysene	ND		1000	220	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Di-n-butyl phthalate	ND		1000	170	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Di-n-octyl phthalate	ND		1000	120	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Dibenz(a,h)anthracene	ND		1000	180	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Dibenzofuran	ND		1000	120	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Diethyl phthalate	ND		1000	130	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5

Client Sample ID: TP-16 3-4'
Date Collected: 09/27/22 11:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-10
Matrix: Solid
Percent Solids: 84.1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		1000	120	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Fluoranthene	ND		1000	110	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Fluorene	ND		1000	120	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Hexachlorobenzene	ND		1000	130	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Hexachlorobutadiene	ND		1000	150	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Hexachlorocyclopentadiene	ND		1000	130	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Hexachloroethane	ND		1000	130	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Indeno[1,2,3-cd]pyrene	ND		1000	120	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Isophorone	ND		1000	210	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
N-Nitrosodi-n-propylamine	ND		1000	170	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
N-Nitrosodiphenylamine	ND		1000	810	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Naphthalene	ND		1000	130	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Nitrobenzene	ND		1000	110	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Pentachlorophenol	ND		1900	1000	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Phenanthrene	ND		1000	150	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Phenol	ND		1000	150	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5
Pyrene	ND		1000	120	ug/Kg	☼	09/29/22 15:38	09/30/22 22:41	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1500*	*T J*	*ug/Kg*	☼	*2.80*	*N/A*	*09/29/22 15:38*	*09/30/22 22:41*	*5*
Unknown	*10000*	*T J*	*ug/Kg*	☼	*11.35*	*N/A*	*09/29/22 15:38*	*09/30/22 22:41*	*5*
Unknown	*1200*	*T J*	*ug/Kg*	☼	*11.68*	*N/A*	*09/29/22 15:38*	*09/30/22 22:41*	*5*
Unknown	*990*	*T J*	*ug/Kg*	☼	*11.72*	*N/A*	*09/29/22 15:38*	*09/30/22 22:41*	*5*
Unknown	*1300*	*T J*	*ug/Kg*	☼	*12.36*	*N/A*	*09/29/22 15:38*	*09/30/22 22:41*	*5*
Unknown	*1800*	*T J*	*ug/Kg*	☼	*14.97*	*N/A*	*09/29/22 15:38*	*09/30/22 22:41*	*5*
Unknown	*1000*	*T J*	*ug/Kg*	☼	*15.08*	*N/A*	*09/29/22 15:38*	*09/30/22 22:41*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*104*		*54 - 120*	*09/29/22 15:38*	*09/30/22 22:41*	*5*
2-Fluorobiphenyl	*115*		*60 - 120*	*09/29/22 15:38*	*09/30/22 22:41*	*5*
2-Fluorophenol	*91*		*52 - 120*	*09/29/22 15:38*	*09/30/22 22:41*	*5*
Nitrobenzene-d5	*93*		*53 - 120*	*09/29/22 15:38*	*09/30/22 22:41*	*5*
p-Terphenyl-d14	*95*		*79 - 130*	*09/29/22 15:38*	*09/30/22 22:41*	*5*
Phenol-d5	*81*		*54 - 120*	*09/29/22 15:38*	*09/30/22 22:41*	*5*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3830**		11.8	5.2	mg/Kg	☼	09/29/22 11:46	09/30/22 22:58	1
Antimony	**1.0**	**J**	17.7	0.47	mg/Kg	☼	09/29/22 11:46	09/30/22 22:58	1
Arsenic	**11.0**		2.4	0.47	mg/Kg	☼	09/29/22 11:46	09/30/22 22:58	1
Barium	**149**		0.59	0.13	mg/Kg	☼	09/29/22 11:46	09/30/22 22:58	1
Beryllium	**0.41**		0.24	0.033	mg/Kg	☼	09/29/22 11:46	09/30/22 22:58	1
Cadmium	**0.29**		0.24	0.035	mg/Kg	☼	09/29/22 11:46	09/30/22 22:58	1
Calcium	**39500**		59.1	3.9	mg/Kg	☼	09/29/22 11:46	09/30/22 22:58	1
Chromium	**8.4**		0.59	0.24	mg/Kg	☼	09/29/22 11:46	09/30/22 22:58	1
Cobalt	**5.5**		0.59	0.059	mg/Kg	☼	09/29/22 11:46	09/30/22 22:58	1
Copper	**26.2**		1.2	0.25	mg/Kg	☼	09/29/22 11:46	09/30/22 22:58	1
Iron	**28100**		11.8	4.1	mg/Kg	☼	09/29/22 11:46	09/30/22 22:58	1
Lead	**24.7**		1.2	0.28	mg/Kg	☼	09/29/22 11:46	09/30/22 22:58	1
Magnesium	**2000**	**B**	23.6	1.1	mg/Kg	☼	09/29/22 11:46	09/30/22 22:58	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-16 3-4'
Date Collected: 09/27/22 11:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-10
Matrix: Solid
Percent Solids: 84.1

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	447	B	0.24	0.038	mg/Kg	☼	09/29/22 11:46	09/30/22 22:58	1
Nickel	14.0		5.9	0.27	mg/Kg	☼	09/29/22 11:46	09/30/22 22:58	1
Potassium	602		35.5	23.6	mg/Kg	☼	09/29/22 11:46	09/30/22 22:58	1
Selenium	0.85	J B	4.7	0.47	mg/Kg	☼	09/29/22 11:46	09/30/22 22:58	1
Silver	ND		0.71	0.24	mg/Kg	☼	09/29/22 11:46	09/30/22 22:58	1
Sodium	462	B	165	15.4	mg/Kg	☼	09/29/22 11:46	09/30/22 22:58	1
Thallium	0.48	J	7.1	0.35	mg/Kg	☼	09/29/22 11:46	09/30/22 22:58	1
Vanadium	14.3		0.59	0.13	mg/Kg	☼	09/29/22 11:46	09/30/22 22:58	1
Zinc	41.8		2.4	0.76	mg/Kg	☼	09/29/22 11:46	09/30/22 22:58	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.074		0.024	0.0056	mg/Kg	☼	09/30/22 09:54	09/30/22 13:21	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-15 3-4'
Date Collected: 09/27/22 12:10
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-11
Matrix: Solid
Percent Solids: 79.6

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.6	0.34	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
1,1,2,2-Tetrachloroethane	ND		4.6	0.75	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.6	1.1	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
1,1,2-Trichloroethane	ND		4.6	0.60	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
1,1-Dichloroethane	ND		4.6	0.57	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
1,1-Dichloroethene	ND		4.6	0.57	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
1,2,4-Trichlorobenzene	ND		4.6	0.28	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
1,2,4-Trimethylbenzene	ND		4.6	0.89	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
1,2-Dibromo-3-Chloropropane	ND		4.6	2.3	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
1,2-Dichlorobenzene	ND		4.6	0.36	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
1,2-Dichloroethane	ND		4.6	0.23	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
1,2-Dichloropropane	ND		4.6	2.3	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
1,3,5-Trimethylbenzene	ND		4.6	0.30	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
1,3-Dichlorobenzene	ND		4.6	0.24	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
1,4-Dichlorobenzene	ND		4.6	0.65	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
2-Butanone (MEK)	**9.0**	**J**	23	1.7	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
2-Hexanone	ND		23	2.3	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
4-Isopropyltoluene	ND		4.6	0.37	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
4-Methyl-2-pentanone (MIBK)	ND		23	1.5	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Acetone	**47**		23	3.9	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Benzene	ND		4.6	0.23	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Bromoform	ND		4.6	2.3	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Bromomethane	ND		4.6	0.42	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Carbon disulfide	ND		4.6	2.3	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Carbon tetrachloride	ND		4.6	0.45	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Chlorobenzene	ND		4.6	0.61	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Dibromochloromethane	ND		4.6	0.59	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Chloroethane	ND		4.6	1.0	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Chloroform	ND		4.6	0.29	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Chloromethane	ND		4.6	0.28	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
cis-1,2-Dichloroethene	ND		4.6	0.59	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Cyclohexane	ND		4.6	0.65	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Bromodichloromethane	ND		4.6	0.62	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Dichlorodifluoromethane	ND		4.6	0.38	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Ethylbenzene	ND		4.6	0.32	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
1,2-Dibromoethane	ND		4.6	0.60	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Isopropylbenzene	ND		4.6	0.70	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Methyl acetate	ND		23	2.8	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Methyl tert-butyl ether	ND		4.6	0.46	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Methylcyclohexane	ND		4.6	0.70	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Methylene Chloride	ND		4.6	2.1	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
m,p-Xylene	ND		9.3	0.78	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Naphthalene	ND		4.6	0.62	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
n-Butylbenzene	ND		4.6	0.40	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
N-Propylbenzene	ND		4.6	0.37	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
o-Xylene	ND		4.6	0.61	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
sec-Butylbenzene	ND		4.6	0.40	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Tetrachloroethene	**0.81**	**J**	4.6	0.62	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Toluene	ND		4.6	0.35	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-15 3-4'
Date Collected: 09/27/22 12:10
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-11
Matrix: Solid
Percent Solids: 79.6

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		4.6	0.48	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
trans-1,3-Dichloropropene	ND		4.6	2.0	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Trichloroethene	ND		4.6	1.0	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Trichlorofluoromethane	ND		4.6	0.44	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Vinyl chloride	ND		4.6	0.57	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Xylenes, Total	ND		9.3	0.78	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
cis-1,3-Dichloropropene	ND		4.6	0.67	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
Styrene	ND		4.6	0.23	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1
tert-Butylbenzene	ND		4.6	0.48	ug/Kg	☼	09/28/22 16:30	09/30/22 00:41	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
column bleed	*18*	*T J*	*ug/Kg*	☼	*9.59*	*N/A*	*09/28/22 16:30*	*09/30/22 00:41*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*	*09/28/22 16:30*	*09/30/22 00:41*	*1*
4-Bromofluorobenzene (Surr)	*82*		*72 - 126*	*09/28/22 16:30*	*09/30/22 00:41*	*1*
Toluene-d8 (Surr)	*117*		*71 - 125*	*09/28/22 16:30*	*09/30/22 00:41*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*09/28/22 16:30*	*09/30/22 00:41*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		2100	310	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
bis (2-chloroisopropyl) ether	ND		2100	420	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
2,4,5-Trichlorophenol	ND		2100	570	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
2,4,6-Trichlorophenol	ND		2100	420	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
2,4-Dichlorophenol	ND		2100	220	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
2,4-Dimethylphenol	ND		2100	510	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
2,4-Dinitrophenol	ND		21000	9800	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
2,4-Dinitrotoluene	ND		2100	440	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
2,6-Dinitrotoluene	ND		2100	250	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
2-Chloronaphthalene	ND		2100	350	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
1,4-Dioxane	ND		1200	690	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
2-Chlorophenol	ND		4100	390	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
2-Methylnaphthalene	ND		2100	420	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
2-Methylphenol	ND		2100	250	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
2-Nitroaniline	ND		4100	310	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
2-Nitrophenol	ND		2100	600	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
3,3'-Dichlorobenzidine	ND		4100	2500	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
3-Nitroaniline	ND		4100	590	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
4,6-Dinitro-2-methylphenol	ND		4100	2100	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
4-Bromophenyl phenyl ether	ND		2100	300	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
4-Chloro-3-methylphenol	ND		2100	520	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
4-Chloroaniline	ND		2100	520	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
4-Chlorophenyl phenyl ether	ND		2100	260	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
4-Methylphenol	ND		4100	250	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
4-Nitroaniline	ND		4100	1100	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
4-Nitrophenol	ND		4100	1500	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Acenaphthene	ND		2100	310	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Acenaphthylene	ND		2100	270	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Acetophenone	ND		2100	290	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10

Client Sample ID: TP-15 3-4'
Date Collected: 09/27/22 12:10
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-11
Matrix: Solid
Percent Solids: 79.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	ND		2100	520	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Atrazine	ND		2100	740	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Benzaldehyde	ND		2100	1700	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Benzo[a]anthracene	ND		2100	210	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Benzo[a]pyrene	ND		2100	310	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Benzo[b]fluoranthene	ND		2100	340	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Benzo[g,h,i]perylene	ND		2100	220	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Benzo[k]fluoranthene	ND		2100	270	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Bis(2-chloroethoxy)methane	ND		2100	450	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Bis(2-chloroethyl)ether	ND		2100	270	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Bis(2-ethylhexyl) phthalate	ND		2100	720	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Butyl benzyl phthalate	ND		2100	350	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Caprolactam	ND		2100	640	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Carbazole	ND		2100	250	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Chrysene	ND		2100	470	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Di-n-butyl phthalate	ND		2100	360	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Di-n-octyl phthalate	ND		2100	250	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Dibenz(a,h)anthracene	ND		2100	370	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Dibenzofuran	ND		2100	250	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Diethyl phthalate	ND		2100	270	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Dimethyl phthalate	ND		2100	250	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Fluoranthene	ND		2100	220	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Fluorene	ND		2100	250	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Hexachlorobenzene	ND		2100	290	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Hexachlorobutadiene	ND		2100	310	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Hexachlorocyclopentadiene	ND		2100	290	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Hexachloroethane	ND		2100	270	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Indeno[1,2,3-cd]pyrene	ND		2100	260	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Isophorone	ND		2100	450	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
N-Nitrosodi-n-propylamine	ND		2100	360	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
N-Nitrosodiphenylamine	ND		2100	1700	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Naphthalene	ND		2100	270	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Nitrobenzene	ND		2100	240	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Pentachlorophenol	ND		4100	2100	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Phenanthrene	ND		2100	310	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Phenol	ND		2100	320	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10
Pyrene	ND		2100	250	ug/Kg	☼	09/29/22 15:38	09/30/22 23:06	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclic octaatomic sulfur	*4500*	*T J N*	*ug/Kg*	☼	*11.68*	*10544-50-0*	*09/29/22 15:38*	*09/30/22 23:06*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*104*		*54 - 120*	*09/29/22 15:38*	*09/30/22 23:06*	*10*
2-Fluorobiphenyl	*93*		*60 - 120*	*09/29/22 15:38*	*09/30/22 23:06*	*10*
2-Fluorophenol	*77*		*52 - 120*	*09/29/22 15:38*	*09/30/22 23:06*	*10*
Nitrobenzene-d5	*73*		*53 - 120*	*09/29/22 15:38*	*09/30/22 23:06*	*10*
p-Terphenyl-d14	*110*		*79 - 130*	*09/29/22 15:38*	*09/30/22 23:06*	*10*
Phenol-d5	*39*	*S1-*	*54 - 120*	*09/29/22 15:38*	*09/30/22 23:06*	*10*

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-15 3-4'
Date Collected: 09/27/22 12:10
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-11
Matrix: Solid
Percent Solids: 79.6

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		41	7.9	ug/Kg	☼	10/03/22 15:41	10/04/22 13:06	20
4,4'-DDE	ND		41	8.5	ug/Kg	☼	10/03/22 15:41	10/04/22 13:06	20
4,4'-DDT	ND		41	9.5	ug/Kg	☼	10/03/22 15:41	10/04/22 13:06	20
Aldrin	ND		41	10	ug/Kg	☼	10/03/22 15:41	10/04/22 13:06	20
alpha-BHC	ND		41	7.3	ug/Kg	☼	10/03/22 15:41	10/04/22 13:06	20
cis-Chlordane	ND		41	20	ug/Kg	☼	10/03/22 15:41	10/04/22 13:06	20
beta-BHC	ND		41	7.3	ug/Kg	☼	10/03/22 15:41	10/04/22 13:06	20
delta-BHC	ND		41	7.6	ug/Kg	☼	10/03/22 15:41	10/04/22 13:06	20
Dieldrin	ND		41	9.8	ug/Kg	☼	10/03/22 15:41	10/04/22 13:06	20
Endosulfan I	ND		41	7.8	ug/Kg	☼	10/03/22 15:41	10/04/22 13:06	20
Endosulfan II	ND		41	7.3	ug/Kg	☼	10/03/22 15:41	10/04/22 13:06	20
Endosulfan sulfate	ND		41	7.6	ug/Kg	☼	10/03/22 15:41	10/04/22 13:06	20
Endrin	ND		41	8.1	ug/Kg	☼	10/03/22 15:41	10/04/22 13:06	20
Endrin aldehyde	ND		41	10	ug/Kg	☼	10/03/22 15:41	10/04/22 13:06	20
Endrin ketone	ND		41	10	ug/Kg	☼	10/03/22 15:41	10/04/22 13:06	20
gamma-BHC (Lindane)	ND		41	7.5	ug/Kg	☼	10/03/22 15:41	10/04/22 13:06	20
trans-Chlordane	ND		41	13	ug/Kg	☼	10/03/22 15:41	10/04/22 13:06	20
Heptachlor	ND		41	8.8	ug/Kg	☼	10/03/22 15:41	10/04/22 13:06	20
Heptachlor epoxide	ND		41	10	ug/Kg	☼	10/03/22 15:41	10/04/22 13:06	20
Methoxychlor	ND		41	8.3	ug/Kg	☼	10/03/22 15:41	10/04/22 13:06	20
Toxaphene	ND		410	240	ug/Kg	☼	10/03/22 15:41	10/04/22 13:06	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*135*	*S1+*	*45 - 120*	*10/03/22 15:41*	*10/04/22 13:06*	*20*
DCB Decachlorobiphenyl	*130*	*S1+*	*45 - 120*	*10/03/22 15:41*	*10/04/22 13:06*	*20*
Tetrachloro-m-xylene	*168*	*S1+*	*30 - 124*	*10/03/22 15:41*	*10/04/22 13:06*	*20*
Tetrachloro-m-xylene	*129*	*S1+*	*30 - 124*	*10/03/22 15:41*	*10/04/22 13:06*	*20*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.28	0.055	mg/Kg	☼	09/30/22 16:34	10/03/22 00:17	1
PCB-1221	ND		0.28	0.055	mg/Kg	☼	09/30/22 16:34	10/03/22 00:17	1
PCB-1232	ND		0.28	0.055	mg/Kg	☼	09/30/22 16:34	10/03/22 00:17	1
PCB-1242	ND		0.28	0.055	mg/Kg	☼	09/30/22 16:34	10/03/22 00:17	1
PCB-1248	ND		0.28	0.055	mg/Kg	☼	09/30/22 16:34	10/03/22 00:17	1
PCB-1254	ND		0.28	0.13	mg/Kg	☼	09/30/22 16:34	10/03/22 00:17	1
PCB-1260	ND		0.28	0.13	mg/Kg	☼	09/30/22 16:34	10/03/22 00:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*99*		*60 - 154*	*09/30/22 16:34*	*10/03/22 00:17*	*1*
Tetrachloro-m-xylene	*114*		*60 - 154*	*09/30/22 16:34*	*10/03/22 00:17*	*1*
DCB Decachlorobiphenyl	*101*		*65 - 174*	*09/30/22 16:34*	*10/03/22 00:17*	*1*
DCB Decachlorobiphenyl	*129*		*65 - 174*	*09/30/22 16:34*	*10/03/22 00:17*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		21	6.6	ug/Kg	☼	10/04/22 07:41	10/06/22 18:03	1
Silvex (2,4,5-TP)	ND		21	7.4	ug/Kg	☼	10/04/22 07:41	10/06/22 18:03	1
2,4-D	ND		21	13	ug/Kg	☼	10/04/22 07:41	10/06/22 18:03	1
Dichlorprop	ND		21	10	ug/Kg	☼	10/04/22 07:41	10/06/22 18:03	1

Client Sample ID: TP-15 3-4'
Date Collected: 09/27/22 12:10
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-11
Matrix: Solid
Percent Solids: 79.6

Method: SW846 8151A - Herbicides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		21	6.7	ug/Kg	☼	10/04/22 07:41	10/06/22 18:03	1
Picloram	ND		21	8.9	ug/Kg	☼	10/04/22 07:41	10/06/22 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*64*		*28 - 129*	*10/04/22 07:41*	*10/06/22 18:03*	*1*
2,4-Dichlorophenylacetic acid	*61*		*28 - 129*	*10/04/22 07:41*	*10/06/22 18:03*	*1*

Method: EPA 537 (Modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.25	0.024	ng/g	☼	10/05/22 11:50	10/18/22 01:00	1
Perfluoroheptanoic acid	ND		0.25	0.030	ng/g	☼	10/05/22 11:50	10/18/22 01:00	1
Perfluorooctanoic acid	**0.032**	**J**	0.25	0.028	ng/g	☼	10/05/22 11:50	10/18/22 01:00	1
Perfluorononanoic acid	ND		0.25	0.029	ng/g	☼	10/05/22 11:50	10/18/22 01:00	1
Perfluorodecanoic acid	ND		0.25	0.030	ng/g	☼	10/05/22 11:50	10/18/22 01:00	1
Perfluorotridecanoic acid	ND		0.25	0.026	ng/g	☼	10/05/22 11:50	10/18/22 01:00	1
Perfluorotetradecanoic acid	ND		0.25	0.030	ng/g	☼	10/05/22 11:50	10/18/22 01:00	1
Perfluorobutanesulfonic acid	ND		0.50	0.45	ng/g	☼	10/05/22 11:50	10/18/22 01:00	1
Perfluorohexanesulfonic acid	ND		0.25	0.024	ng/g	☼	10/05/22 11:50	10/18/22 01:00	1
Perfluorooctanesulfonic acid	**0.15**	**J**	0.25	0.044	ng/g	☼	10/05/22 11:50	10/18/22 01:00	1
NEtFOSAA	ND		0.25	0.028	ng/g	☼	10/05/22 11:50	10/18/22 01:00	1
NMeFOSAA	ND		0.25	0.039	ng/g	☼	10/05/22 11:50	10/18/22 01:00	1
Perfluoroheptanesulfonic acid	ND		0.25	0.025	ng/g	☼	10/05/22 11:50	10/18/22 01:00	1
Perfluorodecanesulfonic acid	ND		0.25	0.026	ng/g	☼	10/05/22 11:50	10/18/22 01:00	1
Perfluorooctanesulfonamide	ND		0.25	0.026	ng/g	☼	10/05/22 11:50	10/18/22 01:00	1
Perfluorobutanoic acid	ND		0.25	0.030	ng/g	☼	10/05/22 11:50	10/18/22 01:00	1
Perfluoroundecanoic acid	ND		0.25	0.070	ng/g	☼	10/05/22 11:50	10/18/22 01:00	1
Perfluorododecanoic acid	ND		0.25	0.029	ng/g	☼	10/05/22 11:50	10/18/22 01:00	1
6:2 Fluorotelomer sulfonic acid	ND		0.25	0.061	ng/g	☼	10/05/22 11:50	10/18/22 01:00	1
8:2 Fluorotelomer sulfonic acid	ND		0.25	0.021	ng/g	☼	10/05/22 11:50	10/18/22 01:00	1
Perfluoropentanoic acid	ND		0.25	0.030	ng/g	☼	10/05/22 11:50	10/18/22 01:00	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-8:2 FTS	*149*		*15 - 200*	*10/05/22 11:50*	*10/18/22 01:00*	*1*
M2-6:2 FTS	*185*		*10 - 200*	*10/05/22 11:50*	*10/18/22 01:00*	*1*
13C5 PFHxA	*81*		*10 - 174*	*10/05/22 11:50*	*10/18/22 01:00*	*1*
13C4 PFHpA	*85*		*10 - 178*	*10/05/22 11:50*	*10/18/22 01:00*	*1*
13C8 PFOA	*83*		*26 - 159*	*10/05/22 11:50*	*10/18/22 01:00*	*1*
13C9 PFNA	*115*		*26 - 165*	*10/05/22 11:50*	*10/18/22 01:00*	*1*
13C6 PFDA	*88*		*26 - 161*	*10/05/22 11:50*	*10/18/22 01:00*	*1*
13C7 PFUnA	*89*		*12 - 173*	*10/05/22 11:50*	*10/18/22 01:00*	*1*
13C2-PFDoDA	*80*		*11 - 166*	*10/05/22 11:50*	*10/18/22 01:00*	*1*
13C2 PFTeDA	*74*		*10 - 169*	*10/05/22 11:50*	*10/18/22 01:00*	*1*
13C3 PFBS	*83*		*27 - 179*	*10/05/22 11:50*	*10/18/22 01:00*	*1*
13C3 PFHxS	*79*		*24 - 171*	*10/05/22 11:50*	*10/18/22 01:00*	*1*
13C8 PFOS	*96*		*41 - 154*	*10/05/22 11:50*	*10/18/22 01:00*	*1*
d3-NMeFOSAA	*79*		*10 - 178*	*10/05/22 11:50*	*10/18/22 01:00*	*1*
d5-NEtFOSAA	*77*		*10 - 193*	*10/05/22 11:50*	*10/18/22 01:00*	*1*
13C8 FOSA	*44*		*14 - 163*	*10/05/22 11:50*	*10/18/22 01:00*	*1*
13C4 PFBA	*85*		*28 - 153*	*10/05/22 11:50*	*10/18/22 01:00*	*1*
13C5 PFPeA	*84*		*24 - 161*	*10/05/22 11:50*	*10/18/22 01:00*	*1*

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-15 3-4'

Date Collected: 09/27/22 12:10
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-11

Matrix: Solid
Percent Solids: 79.6

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3950		12.9	5.7	mg/Kg	☼	09/29/22 11:46	09/30/22 23:02	1
Antimony	1.2	J	19.3	0.51	mg/Kg	☼	09/29/22 11:46	09/30/22 23:02	1
Arsenic	13.0		2.6	0.51	mg/Kg	☼	09/29/22 11:46	09/30/22 23:02	1
Barium	55.5		0.64	0.14	mg/Kg	☼	09/29/22 11:46	09/30/22 23:02	1
Beryllium	0.39		0.26	0.036	mg/Kg	☼	09/29/22 11:46	09/30/22 23:02	1
Cadmium	0.40		0.26	0.039	mg/Kg	☼	09/29/22 11:46	09/30/22 23:02	1
Calcium	64400		64.4	4.2	mg/Kg	☼	09/29/22 11:46	09/30/22 23:02	1
Chromium	11.6		0.64	0.26	mg/Kg	☼	09/29/22 11:46	09/30/22 23:02	1
Cobalt	5.0		0.64	0.064	mg/Kg	☼	09/29/22 11:46	09/30/22 23:02	1
Copper	21.8		1.3	0.27	mg/Kg	☼	09/29/22 11:46	09/30/22 23:02	1
Iron	27100		12.9	4.5	mg/Kg	☼	09/29/22 11:46	09/30/22 23:02	1
Lead	67.9		1.3	0.31	mg/Kg	☼	09/29/22 11:46	09/30/22 23:02	1
Magnesium	6500	B	25.7	1.2	mg/Kg	☼	09/29/22 11:46	09/30/22 23:02	1
Manganese	805	B	0.26	0.041	mg/Kg	☼	09/29/22 11:46	09/30/22 23:02	1
Nickel	15.6		6.4	0.30	mg/Kg	☼	09/29/22 11:46	09/30/22 23:02	1
Potassium	792		38.6	25.7	mg/Kg	☼	09/29/22 11:46	09/30/22 23:02	1
Selenium	0.54	J B	5.1	0.51	mg/Kg	☼	09/29/22 11:46	09/30/22 23:02	1
Silver	ND		0.77	0.26	mg/Kg	☼	09/29/22 11:46	09/30/22 23:02	1
Sodium	202	B	180	16.7	mg/Kg	☼	09/29/22 11:46	09/30/22 23:02	1
Thallium	0.44	J	7.7	0.39	mg/Kg	☼	09/29/22 11:46	09/30/22 23:02	1
Vanadium	14.5		0.64	0.14	mg/Kg	☼	09/29/22 11:46	09/30/22 23:02	1
Zinc	76.2		2.6	0.82	mg/Kg	☼	09/29/22 11:46	09/30/22 23:02	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.068		0.026	0.0060	mg/Kg	☼	09/30/22 09:54	09/30/22 13:22	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-14 4-5'
Date Collected: 09/27/22 12:35
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-12
Matrix: Solid
Percent Solids: 87.3

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		190	28	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
bis (2-chloroisopropyl) ether	ND		190	38	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
2,4,5-Trichlorophenol	ND		190	52	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
2,4,6-Trichlorophenol	ND		190	38	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
2,4-Dichlorophenol	ND		190	20	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
2,4-Dimethylphenol	ND		190	46	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
2,4-Dinitrophenol	ND		1900	880	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
2,4-Dinitrotoluene	ND		190	39	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
2,6-Dinitrotoluene	ND		190	22	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
2-Chloronaphthalene	ND		190	31	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
1,4-Dioxane	ND		110	62	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
2-Chlorophenol	ND		370	35	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
2-Methylnaphthalene	**100**	**J**	190	38	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
2-Methylphenol	ND		190	22	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
2-Nitroaniline	ND		370	28	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
2-Nitrophenol	ND		190	54	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
3,3'-Dichlorobenzidine	ND		370	220	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
3-Nitroaniline	ND		370	53	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
4,6-Dinitro-2-methylphenol	ND		370	190	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
4-Bromophenyl phenyl ether	ND		190	27	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
4-Chloro-3-methylphenol	ND		190	47	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
4-Chloroaniline	ND		190	47	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
4-Chlorophenyl phenyl ether	ND		190	24	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
4-Methylphenol	ND		370	22	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
4-Nitroaniline	ND		370	100	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
4-Nitrophenol	ND		370	130	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Acenaphthene	ND		190	28	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Acenaphthylene	**97**	**J**	190	25	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Acetophenone	ND		190	26	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Anthracene	**120**	**J**	190	47	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Atrazine	ND		190	66	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Benzaldehyde	ND		190	150	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Benzo[a]anthracene	**370**		190	19	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Benzo[a]pyrene	**470**		190	28	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Benzo[b]fluoranthene	**780**		190	30	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Benzo[g,h,i]perylene	**390**		190	20	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Benzo[k]fluoranthene	**330**		190	25	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Bis(2-chloroethoxy)methane	ND		190	40	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Bis(2-chloroethyl)ether	ND		190	25	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Bis(2-ethylhexyl) phthalate	ND		190	65	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Butyl benzyl phthalate	ND		190	31	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Caprolactam	ND		190	57	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Carbazole	ND		190	22	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Chrysene	**600**		190	43	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Di-n-butyl phthalate	ND		190	33	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Di-n-octyl phthalate	ND		190	22	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Dibenz(a,h)anthracene	**120**	**J**	190	34	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Dibenzofuran	**54**	**J**	190	22	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Diethyl phthalate	**210**	**B**	190	25	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1

Client Sample ID: TP-14 4-5'

Date Collected: 09/27/22 12:35
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-12

Matrix: Solid
Percent Solids: 87.3

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		190	22	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Fluoranthene	**530**		190	20	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Fluorene	**26**	**J**	190	22	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Hexachlorobenzene	ND		190	26	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Hexachlorobutadiene	ND		190	28	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Hexachlorocyclopentadiene	ND		190	26	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Hexachloroethane	ND		190	25	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Indeno[1,2,3-cd]pyrene	**340**		190	24	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Isophorone	ND		190	40	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
N-Nitrosodi-n-propylamine	ND		190	33	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
N-Nitrosodiphenylamine	ND		190	150	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Naphthalene	**53**	**J**	190	25	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Nitrobenzene	ND		190	21	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Pentachlorophenol	ND		370	190	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Phenanthrene	**420**		190	28	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Phenol	ND		190	29	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1
Pyrene	**490**		190	22	ug/Kg	☼	09/29/22 15:38	09/30/22 23:30	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1100*	*T J*	*ug/Kg*	☼	*2.82*	*N/A*	*09/29/22 15:38*	*09/30/22 23:30*	*1*
Unknown	*320*	*T J*	*ug/Kg*	☼	*8.23*	*N/A*	*09/29/22 15:38*	*09/30/22 23:30*	*1*
Hexadecane	*300*	*T J N*	*ug/Kg*	☼	*9.43*	*544-76-3*	*09/29/22 15:38*	*09/30/22 23:30*	*1*
Unknown	*1000*	*T J*	*ug/Kg*	☼	*9.99*	*N/A*	*09/29/22 15:38*	*09/30/22 23:30*	*1*
Tridecane	*390*	*T J N*	*ug/Kg*	☼	*10.89*	*629-50-5*	*09/29/22 15:38*	*09/30/22 23:30*	*1*
Unknown	*550*	*T J*	*ug/Kg*	☼	*11.27*	*N/A*	*09/29/22 15:38*	*09/30/22 23:30*	*1*
Phenanthrene, 2,5-dimethyl-	*350*	*T J N*	*ug/Kg*	☼	*11.53*	*3674-66-6*	*09/29/22 15:38*	*09/30/22 23:30*	*1*
Unknown	*310*	*T J*	*ug/Kg*	☼	*11.63*	*N/A*	*09/29/22 15:38*	*09/30/22 23:30*	*1*
Eicosane	*390*	*T J N*	*ug/Kg*	☼	*12.27*	*112-95-8*	*09/29/22 15:38*	*09/30/22 23:30*	*1*
Unknown	*500*	*T J*	*ug/Kg*	☼	*12.56*	*N/A*	*09/29/22 15:38*	*09/30/22 23:30*	*1*
Heptadecane	*680*	*T J N*	*ug/Kg*	☼	*12.83*	*629-78-7*	*09/29/22 15:38*	*09/30/22 23:30*	*1*
Octadecane	*660*	*T J N*	*ug/Kg*	☼	*13.10*	*593-45-3*	*09/29/22 15:38*	*09/30/22 23:30*	*1*
Heptacosane	*910*	*T J N*	*ug/Kg*	☼	*13.35*	*593-49-7*	*09/29/22 15:38*	*09/30/22 23:30*	*1*
Unknown	*480*	*T J*	*ug/Kg*	☼	*13.58*	*N/A*	*09/29/22 15:38*	*09/30/22 23:30*	*1*
Tricosane	*560*	*T J N*	*ug/Kg*	☼	*13.60*	*638-67-5*	*09/29/22 15:38*	*09/30/22 23:30*	*1*
Nonadecane	*460*	*T J N*	*ug/Kg*	☼	*13.85*	*629-92-5*	*09/29/22 15:38*	*09/30/22 23:30*	*1*
Benzo[e]pyrene	*460*	*T J N*	*ug/Kg*	☼	*13.95*	*192-97-2*	*09/29/22 15:38*	*09/30/22 23:30*	*1*
Unknown	*290*	*T J*	*ug/Kg*	☼	*14.08*	*N/A*	*09/29/22 15:38*	*09/30/22 23:30*	*1*
Unknown	*290*	*T J*	*ug/Kg*	☼	*14.31*	*N/A*	*09/29/22 15:38*	*09/30/22 23:30*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*103*		*54 - 120*	*09/29/22 15:38*	*09/30/22 23:30*	*1*
2-Fluorobiphenyl	*111*		*60 - 120*	*09/29/22 15:38*	*09/30/22 23:30*	*1*
2-Fluorophenol	*85*		*52 - 120*	*09/29/22 15:38*	*09/30/22 23:30*	*1*
Nitrobenzene-d5	*98*		*53 - 120*	*09/29/22 15:38*	*09/30/22 23:30*	*1*
p-Terphenyl-d14	*115*		*79 - 130*	*09/29/22 15:38*	*09/30/22 23:30*	*1*
Phenol-d5	*89*		*54 - 120*	*09/29/22 15:38*	*09/30/22 23:30*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3870**		11.7	5.1	mg/Kg	☼	09/29/22 11:46	09/30/22 23:06	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-14 4-5'
Date Collected: 09/27/22 12:35
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-12
Matrix: Solid
Percent Solids: 87.3

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	6.3	J	17.6	0.47	mg/Kg	☼	09/29/22 11:46	09/30/22 23:06	1
Arsenic	19.5		2.3	0.47	mg/Kg	☼	09/29/22 11:46	09/30/22 23:06	1
Barium	68.4		0.59	0.13	mg/Kg	☼	09/29/22 11:46	09/30/22 23:06	1
Beryllium	0.92		0.23	0.033	mg/Kg	☼	09/29/22 11:46	09/30/22 23:06	1
Cadmium	0.49		0.23	0.035	mg/Kg	☼	09/29/22 11:46	09/30/22 23:06	1
Calcium	2160		58.5	3.9	mg/Kg	☼	09/29/22 11:46	09/30/22 23:06	1
Chromium	15.7		2.9	1.2	mg/Kg	☼	09/29/22 11:46	10/03/22 20:10	5
Cobalt	14.1		0.59	0.059	mg/Kg	☼	09/29/22 11:46	09/30/22 23:06	1
Copper	95.0		1.2	0.25	mg/Kg	☼	09/29/22 11:46	09/30/22 23:06	1
Iron	141000		58.5	20.5	mg/Kg	☼	09/29/22 11:46	10/03/22 20:10	5
Lead	149		5.9	1.4	mg/Kg	☼	09/29/22 11:46	10/03/22 20:10	5
Magnesium	856	B	23.4	1.1	mg/Kg	☼	09/29/22 11:46	09/30/22 23:06	1
Manganese	10600		1.2	0.19	mg/Kg	☼	09/29/22 11:46	10/03/22 20:10	5
Nickel	22.4	J	29.3	1.3	mg/Kg	☼	09/29/22 11:46	10/03/22 20:10	5
Potassium	358		35.1	23.4	mg/Kg	☼	09/29/22 11:46	09/30/22 23:06	1
Selenium	5.2	B	4.7	0.47	mg/Kg	☼	09/29/22 11:46	09/30/22 23:06	1
Silver	1.2		0.70	0.23	mg/Kg	☼	09/29/22 11:46	09/30/22 23:06	1
Sodium	146	J B	164	15.2	mg/Kg	☼	09/29/22 11:46	09/30/22 23:06	1
Thallium	ND		35.1	1.8	mg/Kg	☼	09/29/22 11:46	10/03/22 20:10	5
Vanadium	26.5		2.9	0.64	mg/Kg	☼	09/29/22 11:46	10/03/22 20:10	5
Zinc	67.5		2.3	0.75	mg/Kg	☼	09/29/22 11:46	09/30/22 23:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.38		0.022	0.0050	mg/Kg	☼	09/30/22 09:54	09/30/22 13:24	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-13 2-3'
Date Collected: 09/27/22 13:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-13
Matrix: Solid
Percent Solids: 85.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		2000	290	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
bis (2-chloroisopropyl) ether	ND		2000	390	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
2,4,5-Trichlorophenol	ND		2000	530	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
2,4,6-Trichlorophenol	ND		2000	390	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
2,4-Dichlorophenol	ND		2000	210	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
2,4-Dimethylphenol	ND		2000	480	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
2,4-Dinitrophenol	ND		19000	9100	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
2,4-Dinitrotoluene	ND		2000	410	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
2,6-Dinitrotoluene	ND		2000	230	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
2-Chloronaphthalene	ND		2000	320	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
1,4-Dioxane	ND		1200	640	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
2-Chlorophenol	ND		3800	360	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
2-Methylnaphthalene	ND		2000	390	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
2-Methylphenol	ND		2000	230	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
2-Nitroaniline	ND		3800	290	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
2-Nitrophenol	ND		2000	560	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
3,3'-Dichlorobenzidine	ND		3800	2300	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
3-Nitroaniline	ND		3800	540	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
4,6-Dinitro-2-methylphenol	ND		3800	2000	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
4-Bromophenyl phenyl ether	ND		2000	280	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
4-Chloro-3-methylphenol	ND		2000	490	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
4-Chloroaniline	ND		2000	490	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
4-Chlorophenyl phenyl ether	ND		2000	240	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
4-Methylphenol	ND		3800	230	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
4-Nitroaniline	ND		3800	1000	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
4-Nitrophenol	ND		3800	1400	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Acenaphthene	ND		2000	290	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Acenaphthylene	ND		2000	250	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Acetophenone	ND		2000	270	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Anthracene	**550**	**J**	2000	490	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Atrazine	ND		2000	680	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Benzaldehyde	ND		2000	1600	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Benzo[a]anthracene	**1600**	**J**	2000	200	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Benzo[a]pyrene	**1700**	**J**	2000	290	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Benzo[b]fluoranthene	**2200**		2000	310	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Benzo[g,h,i]perylene	**1100**	**J**	2000	210	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Benzo[k]fluoranthene	**940**	**J**	2000	250	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Bis(2-chloroethoxy)methane	ND		2000	420	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Bis(2-chloroethyl)ether	ND		2000	250	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Bis(2-ethylhexyl) phthalate	ND		2000	670	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Butyl benzyl phthalate	ND		2000	320	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Caprolactam	ND		2000	590	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Carbazole	ND		2000	230	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Chrysene	**1900**	**J**	2000	440	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Di-n-butyl phthalate	ND		2000	340	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Di-n-octyl phthalate	ND		2000	230	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Dibenz(a,h)anthracene	ND		2000	350	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Dibenzofuran	ND		2000	230	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Diethyl phthalate	ND		2000	250	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10

Client Sample ID: TP-13 2-3'
Date Collected: 09/27/22 13:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-13
Matrix: Solid
Percent Solids: 85.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		2000	230	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Fluoranthene	**3700**		2000	210	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Fluorene	ND		2000	230	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Hexachlorobenzene	ND		2000	270	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Hexachlorobutadiene	ND		2000	290	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Hexachlorocyclopentadiene	ND		2000	270	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Hexachloroethane	ND		2000	250	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Indeno[1,2,3-cd]pyrene	**1100**	**J**	2000	240	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Isophorone	ND		2000	420	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
N-Nitrosodi-n-propylamine	ND		2000	340	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
N-Nitrosodiphenylamine	ND		2000	1600	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Naphthalene	ND		2000	250	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Nitrobenzene	ND		2000	220	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Pentachlorophenol	ND		3800	2000	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Phenanthrene	**2200**		2000	290	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Phenol	ND		2000	300	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10
Pyrene	**2300**		2000	230	ug/Kg	☼	09/29/22 15:38	09/30/22 23:54	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*09/29/22 15:38*	*09/30/22 23:54*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*98*		*54 - 120*	*09/29/22 15:38*	*09/30/22 23:54*	*10*
2-Fluorobiphenyl	*110*		*60 - 120*	*09/29/22 15:38*	*09/30/22 23:54*	*10*
2-Fluorophenol	*80*		*52 - 120*	*09/29/22 15:38*	*09/30/22 23:54*	*10*
Nitrobenzene-d5	*85*		*53 - 120*	*09/29/22 15:38*	*09/30/22 23:54*	*10*
p-Terphenyl-d14	*98*		*79 - 130*	*09/29/22 15:38*	*09/30/22 23:54*	*10*
Phenol-d5	*81*		*54 - 120*	*09/29/22 15:38*	*09/30/22 23:54*	*10*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8890**		12.1	5.3	mg/Kg	☼	09/29/22 11:46	09/30/22 23:10	1
Antimony	**2.1**	**J**	18.1	0.48	mg/Kg	☼	09/29/22 11:46	09/30/22 23:10	1
Arsenic	**11.7**		2.4	0.48	mg/Kg	☼	09/29/22 11:46	09/30/22 23:10	1
Barium	**156**		0.60	0.13	mg/Kg	☼	09/29/22 11:46	09/30/22 23:10	1
Beryllium	**0.67**		0.24	0.034	mg/Kg	☼	09/29/22 11:46	09/30/22 23:10	1
Cadmium	**1.0**		0.24	0.036	mg/Kg	☼	09/29/22 11:46	09/30/22 23:10	1
Calcium	**18000**		60.3	4.0	mg/Kg	☼	09/29/22 11:46	09/30/22 23:10	1
Chromium	**23.1**		0.60	0.24	mg/Kg	☼	09/29/22 11:46	09/30/22 23:10	1
Cobalt	**7.2**		0.60	0.060	mg/Kg	☼	09/29/22 11:46	09/30/22 23:10	1
Copper	**136**		1.2	0.25	mg/Kg	☼	09/29/22 11:46	09/30/22 23:10	1
Iron	**29100**		12.1	4.2	mg/Kg	☼	09/29/22 11:46	09/30/22 23:10	1
Lead	**538**		1.2	0.29	mg/Kg	☼	09/29/22 11:46	09/30/22 23:10	1
Magnesium	**4990**	**B**	24.1	1.1	mg/Kg	☼	09/29/22 11:46	09/30/22 23:10	1
Manganese	**584**	**B**	0.24	0.039	mg/Kg	☼	09/29/22 11:46	09/30/22 23:10	1
Nickel	**23.8**		6.0	0.28	mg/Kg	☼	09/29/22 11:46	09/30/22 23:10	1
Potassium	**1810**		36.2	24.1	mg/Kg	☼	09/29/22 11:46	09/30/22 23:10	1
Selenium	**0.61**	**J B**	4.8	0.48	mg/Kg	☼	09/29/22 11:46	09/30/22 23:10	1
Silver	**0.34**	**J**	0.72	0.24	mg/Kg	☼	09/29/22 11:46	09/30/22 23:10	1
Sodium	**377**	**B**	169	15.7	mg/Kg	☼	09/29/22 11:46	09/30/22 23:10	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-13 2-3'
Date Collected: 09/27/22 13:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-13
Matrix: Solid
Percent Solids: 85.6

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.96	J	7.2	0.36	mg/Kg	☼	09/29/22 11:46	09/30/22 23:10	1
Vanadium	24.8		0.60	0.13	mg/Kg	☼	09/29/22 11:46	09/30/22 23:10	1
Zinc	377		2.4	0.77	mg/Kg	☼	09/29/22 11:46	09/30/22 23:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.50		0.023	0.0053	mg/Kg	☼	09/30/22 09:54	09/30/22 13:25	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-12 3-4'
Date Collected: 09/27/22 13:20
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-14
Matrix: Solid
Percent Solids: 49.3

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		3400	500	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
bis (2-chloroisopropyl) ether	ND		3400	680	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
2,4,5-Trichlorophenol	ND		3400	920	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
2,4,6-Trichlorophenol	ND		3400	680	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
2,4-Dichlorophenol	ND		3400	360	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
2,4-Dimethylphenol	ND		3400	820	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
2,4-Dinitrophenol	ND		33000	16000	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
2,4-Dinitrotoluene	ND		3400	700	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
2,6-Dinitrotoluene	ND		3400	400	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
2-Chloronaphthalene	ND		3400	560	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
1,4-Dioxane	ND		2000	1100	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
2-Chlorophenol	ND		6600	620	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
2-Methylnaphthalene	ND		3400	680	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
2-Methylphenol	ND		3400	400	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
2-Nitroaniline	ND		6600	500	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
2-Nitrophenol	ND		3400	960	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
3,3'-Dichlorobenzidine	ND		6600	4000	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
3-Nitroaniline	ND		6600	940	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
4,6-Dinitro-2-methylphenol	ND		6600	3400	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
4-Bromophenyl phenyl ether	ND		3400	480	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
4-Chloro-3-methylphenol	ND		3400	840	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
4-Chloroaniline	ND		3400	840	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
4-Chlorophenyl phenyl ether	ND		3400	420	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
4-Methylphenol	ND		6600	400	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
4-Nitroaniline	ND		6600	1800	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
4-Nitrophenol	ND		6600	2400	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Acenaphthene	**2200**	**J**	3400	500	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Acenaphthylene	ND		3400	440	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Acetophenone	ND		3400	460	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Anthracene	**4900**		3400	840	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Atrazine	ND		3400	1200	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Benzaldehyde	ND		3400	2700	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Benzo[a]anthracene	**9800**		3400	340	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Benzo[a]pyrene	**9600**		3400	500	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Benzo[b]fluoranthene	**9300**		3400	540	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Benzo[g,h,i]perylene	**5500**		3400	360	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Benzo[k]fluoranthene	**4600**		3400	440	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Bis(2-chloroethoxy)methane	ND		3400	720	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Bis(2-chloroethyl)ether	ND		3400	440	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Bis(2-ethylhexyl) phthalate	ND		3400	1200	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Butyl benzyl phthalate	ND		3400	560	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Caprolactam	ND		3400	1000	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Carbazole	**1500**	**J**	3400	400	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Chrysene	**8800**		3400	760	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Di-n-butyl phthalate	ND		3400	580	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Di-n-octyl phthalate	ND		3400	400	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Dibenz(a,h)anthracene	**1600**	**J**	3400	600	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Dibenzofuran	**1200**	**J**	3400	400	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Diethyl phthalate	ND		3400	440	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10

Client Sample ID: TP-12 3-4'
Date Collected: 09/27/22 13:20
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-14
Matrix: Solid
Percent Solids: 49.3

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		3400	400	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Fluoranthene	**20000**		3400	360	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Fluorene	**2100**	**J**	3400	400	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Hexachlorobenzene	ND		3400	460	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Hexachlorobutadiene	ND		3400	500	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Hexachlorocyclopentadiene	ND		3400	460	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Hexachloroethane	ND		3400	440	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Indeno[1,2,3-cd]pyrene	**5300**		3400	420	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Isophorone	ND		3400	720	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
N-Nitrosodi-n-propylamine	ND		3400	580	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
N-Nitrosodiphenylamine	ND		3400	2800	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Naphthalene	**620**	**J**	3400	440	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Nitrobenzene	ND		3400	380	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Pentachlorophenol	ND		6600	3400	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Phenanthrene	**18000**		3400	500	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Phenol	ND		3400	520	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10
Pyrene	**14000**		3400	400	ug/Kg	☼	09/29/22 15:38	10/01/22 00:18	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Phenanthrene, 4-methyl-	*3700*	*T J N*	*ug/Kg*	☼	*11.02*	*832-64-4*	*09/29/22 15:38*	*10/01/22 00:18*	*10*
Unknown	*4200*	*T J*	*ug/Kg*	☼	*11.10*	*N/A*	*09/29/22 15:38*	*10/01/22 00:18*	*10*
Cyclic octaatomic sulfur	*5600*	*T J N*	*ug/Kg*	☼	*11.68*	*10544-50-0*	*09/29/22 15:38*	*10/01/22 00:18*	*10*
11H-Benzo[b]fluorene	*4000*	*T J N*	*ug/Kg*	☼	*12.16*	*243-17-4*	*09/29/22 15:38*	*10/01/22 00:18*	*10*
Pyrene, 1-methyl-	*2700*	*T J N*	*ug/Kg*	☼	*12.21*	*2381-21-7*	*09/29/22 15:38*	*10/01/22 00:18*	*10*
Benzo[e]pyrene	*5400*	*T J N*	*ug/Kg*	☼	*13.95*	*192-97-2*	*09/29/22 15:38*	*10/01/22 00:18*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*135*	*S1+*	*54 - 120*	*09/29/22 15:38*	*10/01/22 00:18*	*10*
2-Fluorobiphenyl	*110*		*60 - 120*	*09/29/22 15:38*	*10/01/22 00:18*	*10*
2-Fluorophenol	*58*		*52 - 120*	*09/29/22 15:38*	*10/01/22 00:18*	*10*
Nitrobenzene-d5	*80*		*53 - 120*	*09/29/22 15:38*	*10/01/22 00:18*	*10*
p-Terphenyl-d14	*108*		*79 - 130*	*09/29/22 15:38*	*10/01/22 00:18*	*10*
Phenol-d5	*84*		*54 - 120*	*09/29/22 15:38*	*10/01/22 00:18*	*10*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**15300**		21.1	9.3	mg/Kg	☼	09/29/22 11:46	09/30/22 23:14	1
Antimony	**10**	**J**	31.7	0.84	mg/Kg	☼	09/29/22 11:46	09/30/22 23:14	1
Arsenic	**17.0**		4.2	0.84	mg/Kg	☼	09/29/22 11:46	09/30/22 23:14	1
Barium	**384**		1.1	0.23	mg/Kg	☼	09/29/22 11:46	09/30/22 23:14	1
Beryllium	**1.9**		0.42	0.059	mg/Kg	☼	09/29/22 11:46	09/30/22 23:14	1
Cadmium	**0.56**		0.42	0.063	mg/Kg	☼	09/29/22 11:46	09/30/22 23:14	1
Calcium	**27200**		106	7.0	mg/Kg	☼	09/29/22 11:46	09/30/22 23:14	1
Chromium	**19.3**		1.1	0.42	mg/Kg	☼	09/29/22 11:46	09/30/22 23:14	1
Cobalt	**13.3**		1.1	0.11	mg/Kg	☼	09/29/22 11:46	09/30/22 23:14	1
Copper	**209**		2.1	0.44	mg/Kg	☼	09/29/22 11:46	09/30/22 23:14	1
Iron	**32400**		21.1	7.4	mg/Kg	☼	09/29/22 11:46	09/30/22 23:14	1
Lead	**519**		2.1	0.51	mg/Kg	☼	09/29/22 11:46	09/30/22 23:14	1
Magnesium	**4600**	**B**	42.2	2.0	mg/Kg	☼	09/29/22 11:46	09/30/22 23:14	1
Manganese	**1150**	**B**	0.42	0.068	mg/Kg	☼	09/29/22 11:46	09/30/22 23:14	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-12 3-4'
Date Collected: 09/27/22 13:20
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-14
Matrix: Solid
Percent Solids: 49.3

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	37.2		10.6	0.49	mg/Kg	☼	09/29/22 11:46	09/30/22 23:14	1
Potassium	4140		63.3	42.2	mg/Kg	☼	09/29/22 11:46	09/30/22 23:14	1
Selenium	1.5	J B	8.4	0.84	mg/Kg	☼	09/29/22 11:46	09/30/22 23:14	1
Silver	0.46	J	1.3	0.42	mg/Kg	☼	09/29/22 11:46	09/30/22 23:14	1
Sodium	636	B	295	27.4	mg/Kg	☼	09/29/22 11:46	09/30/22 23:14	1
Thallium	2.4	J	12.7	0.63	mg/Kg	☼	09/29/22 11:46	09/30/22 23:14	1
Vanadium	45.3		1.1	0.23	mg/Kg	☼	09/29/22 11:46	09/30/22 23:14	1
Zinc	188		4.2	1.4	mg/Kg	☼	09/29/22 11:46	09/30/22 23:14	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.23		0.039	0.0090	mg/Kg	☼	09/30/22 09:54	09/30/22 13:26	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-11 4-5'
Date Collected: 09/27/22 13:50
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-15
Matrix: Solid
Percent Solids: 78.0

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.3	0.46	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
1,1,2,2-Tetrachloroethane	ND	*3 vs	6.3	1.0	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.3	1.4	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
1,1,2-Trichloroethane	ND	vs	6.3	0.83	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
1,1-Dichloroethane	ND	vs	6.3	0.77	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
1,1-Dichloroethene	ND	vs	6.3	0.78	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
1,2,4-Trichlorobenzene	ND	*3 vs	6.3	0.39	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
1,2,4-Trimethylbenzene	ND	*3 vs	6.3	1.2	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
1,2-Dibromo-3-Chloropropane	ND	*3 vs	6.3	3.2	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
1,2-Dichlorobenzene	ND	*3 vs	6.3	0.50	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
1,2-Dichloroethane	ND	vs	6.3	0.32	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
1,2-Dichloropropane	ND	vs	6.3	3.2	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
1,3,5-Trimethylbenzene	ND	*3 vs	6.3	0.41	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
1,3-Dichlorobenzene	ND	*3 vs	6.3	0.33	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
1,4-Dichlorobenzene	ND	*3 vs	6.3	0.89	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
2-Butanone (MEK)	ND	vs	32	2.3	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
2-Hexanone	ND	vs	32	3.2	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
4-Isopropyltoluene	ND	*3 vs	6.3	0.51	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
4-Methyl-2-pentanone (MIBK)	ND	vs	32	2.1	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Acetone	ND	vs	32	5.3	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Benzene	ND	vs	6.3	0.31	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Bromoform	ND	vs	6.3	3.2	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Bromomethane	ND	vs	6.3	0.57	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Carbon disulfide	ND	vs	6.3	3.2	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Carbon tetrachloride	ND	vs	6.3	0.61	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Chlorobenzene	ND	vs	6.3	0.84	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Dibromochloromethane	ND	vs	6.3	0.81	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Chloroethane	ND	vs	6.3	1.4	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Chloroform	**0.67**	**J vs**	6.3	0.39	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Chloromethane	ND	vs	6.3	0.38	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
cis-1,2-Dichloroethene	ND	vs	6.3	0.81	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Cyclohexane	ND	vs	6.3	0.89	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Bromodichloromethane	ND	vs	6.3	0.85	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Dichlorodifluoromethane	ND	vs	6.3	0.52	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Ethylbenzene	ND	vs	6.3	0.44	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
1,2-Dibromoethane	ND	vs	6.3	0.82	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Isopropylbenzene	ND	*3 vs	6.3	0.96	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Methyl acetate	ND	vs	32	3.8	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Methyl tert-butyl ether	ND	vs	6.3	0.62	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Methylcyclohexane	ND	vs	6.3	0.96	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Methylene Chloride	ND	vs	6.3	2.9	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
m,p-Xylene	ND	vs	13	1.1	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Naphthalene	ND	*3 vs	6.3	0.85	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
n-Butylbenzene	ND	*3 vs	6.3	0.55	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
N-Propylbenzene	ND	*3 vs	6.3	0.51	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
o-Xylene	ND	vs	6.3	0.83	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
sec-Butylbenzene	ND	*3 vs	6.3	0.55	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Tetrachloroethene	ND	vs	6.3	0.85	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Toluene	ND	vs	6.3	0.48	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1

Client Sample ID: TP-11 4-5'
Date Collected: 09/27/22 13:50
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-15
Matrix: Solid
Percent Solids: 78.0

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND	vs	6.3	0.66	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
trans-1,3-Dichloropropene	ND	vs	6.3	2.8	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Trichloroethene	ND	vs	6.3	1.4	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Trichlorofluoromethane	ND	vs	6.3	0.60	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Vinyl chloride	ND	vs	6.3	0.77	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Xylenes, Total	ND	vs	13	1.1	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
cis-1,3-Dichloropropene	ND	vs	6.3	0.91	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
Styrene	ND	vs	6.3	0.32	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1
tert-Butylbenzene	ND	*3 vs	6.3	0.66	ug/Kg	☼	10/02/22 17:36	10/02/22 22:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*10/02/22 17:36*	*10/02/22 22:56*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 126*	*10/02/22 17:36*	*10/02/22 22:56*	*1*
4-Bromofluorobenzene (Surr)	*74*		*72 - 126*	*10/02/22 17:36*	*10/02/22 22:56*	*1*
Toluene-d8 (Surr)	*130*	*S1+*	*71 - 125*	*10/02/22 17:36*	*10/02/22 22:56*	*1*
Dibromofluoromethane (Surr)	*106*		*60 - 140*	*10/02/22 17:36*	*10/02/22 22:56*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1100	160	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
bis (2-chloroisopropyl) ether	ND		1100	220	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
2,4,5-Trichlorophenol	ND		1100	290	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
2,4,6-Trichlorophenol	ND		1100	220	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
2,4-Dichlorophenol	ND		1100	110	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
2,4-Dimethylphenol	ND		1100	260	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
2,4-Dinitrophenol	ND		11000	5000	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
2,4-Dinitrotoluene	ND		1100	220	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
2,6-Dinitrotoluene	ND		1100	130	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
2-Chloronaphthalene	ND		1100	180	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
1,4-Dioxane	ND		630	350	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
2-Chlorophenol	ND		2100	200	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
2-Methylnaphthalene	ND		1100	220	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
2-Methylphenol	ND		1100	130	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
2-Nitroaniline	ND		2100	160	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
2-Nitrophenol	ND		1100	300	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
3,3'-Dichlorobenzidine	ND		2100	1300	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
3-Nitroaniline	ND		2100	300	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
4,6-Dinitro-2-methylphenol	ND		2100	1100	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
4-Bromophenyl phenyl ether	ND		1100	150	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
4-Chloro-3-methylphenol	ND		1100	270	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
4-Chloroaniline	ND		1100	270	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
4-Chlorophenyl phenyl ether	ND		1100	130	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
4-Methylphenol	ND		2100	130	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
4-Nitroaniline	ND		2100	560	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
4-Nitrophenol	ND		2100	750	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Acenaphthene	**410**	**J**	1100	160	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Acenaphthylene	ND		1100	140	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Acetophenone	ND		1100	150	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5

Client Sample ID: TP-11 4-5'

Date Collected: 09/27/22 13:50
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-15

Matrix: Solid
Percent Solids: 78.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**1200**		1100	270	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Atrazine	ND		1100	370	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Benzaldehyde	ND		1100	850	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Benzo[a]anthracene	**2600**		1100	110	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Benzo[a]pyrene	**2700**		1100	160	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Benzo[b]fluoranthene	**3000**		1100	170	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Benzo[g,h,i]perylene	**1700**		1100	110	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Benzo[k]fluoranthene	**1300**		1100	140	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Bis(2-chloroethoxy)methane	ND		1100	230	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Bis(2-chloroethyl)ether	ND		1100	140	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Bis(2-ethylhexyl) phthalate	ND		1100	370	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Butyl benzyl phthalate	ND		1100	180	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Caprolactam	ND		1100	320	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Carbazole	**540**	**J**	1100	130	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Chrysene	**2700**		1100	240	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Di-n-butyl phthalate	ND		1100	180	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Di-n-octyl phthalate	ND		1100	130	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Dibenz(a,h)anthracene	**420**	**J**	1100	190	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Dibenzofuran	**220**	**J**	1100	130	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Diethyl phthalate	**170**	**J B**	1100	140	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Dimethyl phthalate	ND		1100	130	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Fluoranthene	**6100**		1100	110	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Fluorene	**430**	**J**	1100	130	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Hexachlorobenzene	ND		1100	150	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Hexachlorobutadiene	ND		1100	160	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Hexachlorocyclopentadiene	ND		1100	150	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Hexachloroethane	ND		1100	140	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Indeno[1,2,3-cd]pyrene	**1700**		1100	130	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Isophorone	ND		1100	230	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
N-Nitrosodi-n-propylamine	ND		1100	180	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
N-Nitrosodiphenylamine	ND		1100	870	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Naphthalene	ND		1100	140	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Nitrobenzene	ND		1100	120	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Pentachlorophenol	ND		2100	1100	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Phenanthrene	**4600**		1100	160	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Phenol	ND		1100	160	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5
Pyrene	**4000**		1100	130	ug/Kg	☼	09/29/22 15:38	10/01/22 00:43	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1300*	*T J*	*ug/Kg*	☼	*2.86*	*N/A*	*09/29/22 15:38*	*10/01/22 00:43*	*5*
Unknown	*1000*	*T J*	*ug/Kg*	☼	*11.11*	*N/A*	*09/29/22 15:38*	*10/01/22 00:43*	*5*
Benzo[e]pyrene	*1600*	*T J N*	*ug/Kg*	☼	*13.96*	*192-97-2*	*09/29/22 15:38*	*10/01/22 00:43*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*107*		*54 - 120*	*09/29/22 15:38*	*10/01/22 00:43*	*5*
2-Fluorobiphenyl	*98*		*60 - 120*	*09/29/22 15:38*	*10/01/22 00:43*	*5*
2-Fluorophenol	*73*		*52 - 120*	*09/29/22 15:38*	*10/01/22 00:43*	*5*
Nitrobenzene-d5	*80*		*53 - 120*	*09/29/22 15:38*	*10/01/22 00:43*	*5*
p-Terphenyl-d14	*104*		*79 - 130*	*09/29/22 15:38*	*10/01/22 00:43*	*5*
Phenol-d5	*65*		*54 - 120*	*09/29/22 15:38*	*10/01/22 00:43*	*5*

Client Sample ID: TP-11 4-5'
Date Collected: 09/27/22 13:50
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-15
Matrix: Solid
Percent Solids: 78.0

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		21	4.1	ug/Kg	☼	10/03/22 15:41	10/04/22 13:25	10
4,4'-DDE	ND		21	4.4	ug/Kg	☼	10/03/22 15:41	10/04/22 13:25	10
4,4'-DDT	ND		21	4.9	ug/Kg	☼	10/03/22 15:41	10/04/22 13:25	10
Aldrin	ND		21	5.2	ug/Kg	☼	10/03/22 15:41	10/04/22 13:25	10
alpha-BHC	ND		21	3.8	ug/Kg	☼	10/03/22 15:41	10/04/22 13:25	10
cis-Chlordane	ND		21	10	ug/Kg	☼	10/03/22 15:41	10/04/22 13:25	10
beta-BHC	ND		21	3.8	ug/Kg	☼	10/03/22 15:41	10/04/22 13:25	10
delta-BHC	ND		21	3.9	ug/Kg	☼	10/03/22 15:41	10/04/22 13:25	10
Dieldrin	ND		21	5.1	ug/Kg	☼	10/03/22 15:41	10/04/22 13:25	10
Endosulfan I	ND		21	4.0	ug/Kg	☼	10/03/22 15:41	10/04/22 13:25	10
Endosulfan II	ND		21	3.8	ug/Kg	☼	10/03/22 15:41	10/04/22 13:25	10
Endosulfan sulfate	ND		21	3.9	ug/Kg	☼	10/03/22 15:41	10/04/22 13:25	10
Endrin	ND		21	4.2	ug/Kg	☼	10/03/22 15:41	10/04/22 13:25	10
Endrin aldehyde	ND		21	5.4	ug/Kg	☼	10/03/22 15:41	10/04/22 13:25	10
Endrin ketone	ND		21	5.2	ug/Kg	☼	10/03/22 15:41	10/04/22 13:25	10
gamma-BHC (Lindane)	ND		21	3.9	ug/Kg	☼	10/03/22 15:41	10/04/22 13:25	10
trans-Chlordane	ND		21	6.7	ug/Kg	☼	10/03/22 15:41	10/04/22 13:25	10
Heptachlor	ND		21	4.6	ug/Kg	☼	10/03/22 15:41	10/04/22 13:25	10
Heptachlor epoxide	ND		21	5.4	ug/Kg	☼	10/03/22 15:41	10/04/22 13:25	10
Methoxychlor	**8.5**	**J**	21	4.3	ug/Kg	☼	10/03/22 15:41	10/04/22 13:25	10
Toxaphene	ND		210	120	ug/Kg	☼	10/03/22 15:41	10/04/22 13:25	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*144*	*S1+*	*45 - 120*	*10/03/22 15:41*	*10/04/22 13:25*	*10*
DCB Decachlorobiphenyl	*314*	*S1+*	*45 - 120*	*10/03/22 15:41*	*10/04/22 13:25*	*10*
Tetrachloro-m-xylene	*125*	*S1+*	*30 - 124*	*10/03/22 15:41*	*10/04/22 13:25*	*10*
Tetrachloro-m-xylene	*92*		*30 - 124*	*10/03/22 15:41*	*10/04/22 13:25*	*10*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24	0.047	mg/Kg	☼	09/30/22 16:34	10/03/22 00:30	1
PCB-1221	ND		0.24	0.047	mg/Kg	☼	09/30/22 16:34	10/03/22 00:30	1
PCB-1232	ND		0.24	0.047	mg/Kg	☼	09/30/22 16:34	10/03/22 00:30	1
PCB-1242	ND		0.24	0.047	mg/Kg	☼	09/30/22 16:34	10/03/22 00:30	1
PCB-1248	ND		0.24	0.047	mg/Kg	☼	09/30/22 16:34	10/03/22 00:30	1
PCB-1254	ND		0.24	0.11	mg/Kg	☼	09/30/22 16:34	10/03/22 00:30	1
PCB-1260	ND		0.24	0.11	mg/Kg	☼	09/30/22 16:34	10/03/22 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*94*		*60 - 154*	*09/30/22 16:34*	*10/03/22 00:30*	*1*
Tetrachloro-m-xylene	*108*		*60 - 154*	*09/30/22 16:34*	*10/03/22 00:30*	*1*
DCB Decachlorobiphenyl	*94*		*65 - 174*	*09/30/22 16:34*	*10/03/22 00:30*	*1*
DCB Decachlorobiphenyl	*121*		*65 - 174*	*09/30/22 16:34*	*10/03/22 00:30*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		21	6.8	ug/Kg	☼	10/04/22 07:41	10/06/22 18:21	1
Silvex (2,4,5-TP)	ND		21	7.6	ug/Kg	☼	10/04/22 07:41	10/06/22 18:21	1
2,4-D	ND		21	13	ug/Kg	☼	10/04/22 07:41	10/06/22 18:21	1
Dichlorprop	ND		21	11	ug/Kg	☼	10/04/22 07:41	10/06/22 18:21	1

Client Sample ID: TP-11 4-5'
Date Collected: 09/27/22 13:50
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-15
Matrix: Solid
Percent Solids: 78.0

Method: SW846 8151A - Herbicides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		21	6.9	ug/Kg	☼	10/04/22 07:41	10/06/22 18:21	1
Picloram	ND		21	9.1	ug/Kg	☼	10/04/22 07:41	10/06/22 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*59*		*28 - 129*	*10/04/22 07:41*	*10/06/22 18:21*	*1*
2,4-Dichlorophenylacetic acid	*57*		*28 - 129*	*10/04/22 07:41*	*10/06/22 18:21*	*1*

Method: EPA 537 (Modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**0.045**	**J**	0.26	0.024	ng/g	☼	10/05/22 11:50	10/18/22 01:22	1
Perfluoroheptanoic acid	ND		0.26	0.031	ng/g	☼	10/05/22 11:50	10/18/22 01:22	1
Perfluorooctanoic acid	**0.20**	**J**	0.26	0.028	ng/g	☼	10/05/22 11:50	10/18/22 01:22	1
Perfluorononanoic acid	ND		0.26	0.029	ng/g	☼	10/05/22 11:50	10/18/22 01:22	1
Perfluorodecanoic acid	**0.081**	**J**	0.26	0.031	ng/g	☼	10/05/22 11:50	10/18/22 01:22	1
Perfluorotridecanoic acid	ND		0.26	0.027	ng/g	☼	10/05/22 11:50	10/18/22 01:22	1
Perfluorotetradecanoic acid	ND		0.26	0.031	ng/g	☼	10/05/22 11:50	10/18/22 01:22	1
Perfluorobutanesulfonic acid	ND		0.51	0.46	ng/g	☼	10/05/22 11:50	10/18/22 01:22	1
Perfluorohexanesulfonic acid	**0.050**	**J**	0.26	0.024	ng/g	☼	10/05/22 11:50	10/18/22 01:22	1
Perfluorooctanesulfonic acid	**0.65**		0.26	0.045	ng/g	☼	10/05/22 11:50	10/18/22 01:22	1
NEtFOSAA	ND		0.26	0.028	ng/g	☼	10/05/22 11:50	10/18/22 01:22	1
NMeFOSAA	ND		0.26	0.040	ng/g	☼	10/05/22 11:50	10/18/22 01:22	1
Perfluoroheptanesulfonic acid	ND		0.26	0.026	ng/g	☼	10/05/22 11:50	10/18/22 01:22	1
Perfluorodecanesulfonic acid	ND		0.26	0.027	ng/g	☼	10/05/22 11:50	10/18/22 01:22	1
Perfluorooctanesulfonamide	ND		0.26	0.027	ng/g	☼	10/05/22 11:50	10/18/22 01:22	1
Perfluorobutanoic acid	**0.091**	**J**	0.26	0.031	ng/g	☼	10/05/22 11:50	10/18/22 01:22	1
Perfluoroundecanoic acid	ND		0.26	0.072	ng/g	☼	10/05/22 11:50	10/18/22 01:22	1
Perfluorododecanoic acid	ND		0.26	0.029	ng/g	☼	10/05/22 11:50	10/18/22 01:22	1
6:2 Fluorotelomer sulfonic acid	ND		0.26	0.063	ng/g	☼	10/05/22 11:50	10/18/22 01:22	1
8:2 Fluorotelomer sulfonic acid	ND		0.26	0.022	ng/g	☼	10/05/22 11:50	10/18/22 01:22	1
Perfluoropentanoic acid	ND		0.26	0.031	ng/g	☼	10/05/22 11:50	10/18/22 01:22	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-8:2 FTS	*140*		*15 - 200*	*10/05/22 11:50*	*10/18/22 01:22*	*1*
M2-6:2 FTS	*191*		*10 - 200*	*10/05/22 11:50*	*10/18/22 01:22*	*1*
13C5 PFHxA	*71*		*10 - 174*	*10/05/22 11:50*	*10/18/22 01:22*	*1*
13C4 PFHpA	*79*		*10 - 178*	*10/05/22 11:50*	*10/18/22 01:22*	*1*
13C8 PFOA	*73*		*26 - 159*	*10/05/22 11:50*	*10/18/22 01:22*	*1*
13C9 PFNA	*115*		*26 - 165*	*10/05/22 11:50*	*10/18/22 01:22*	*1*
13C6 PFDA	*80*		*26 - 161*	*10/05/22 11:50*	*10/18/22 01:22*	*1*
13C7 PFUnA	*81*		*12 - 173*	*10/05/22 11:50*	*10/18/22 01:22*	*1*
13C2-PFDoDA	*71*		*11 - 166*	*10/05/22 11:50*	*10/18/22 01:22*	*1*
13C2 PFTeDA	*70*		*10 - 169*	*10/05/22 11:50*	*10/18/22 01:22*	*1*
13C3 PFBS	*74*		*27 - 179*	*10/05/22 11:50*	*10/18/22 01:22*	*1*
13C3 PFHxS	*69*		*24 - 171*	*10/05/22 11:50*	*10/18/22 01:22*	*1*
13C8 PFOS	*87*		*41 - 154*	*10/05/22 11:50*	*10/18/22 01:22*	*1*
d3-NMeFOSAA	*87*		*10 - 178*	*10/05/22 11:50*	*10/18/22 01:22*	*1*
d5-NEtFOSAA	*88*		*10 - 193*	*10/05/22 11:50*	*10/18/22 01:22*	*1*
13C8 FOSA	*46*		*14 - 163*	*10/05/22 11:50*	*10/18/22 01:22*	*1*
13C4 PFBA	*81*		*28 - 153*	*10/05/22 11:50*	*10/18/22 01:22*	*1*
13C5 PFPeA	*76*		*24 - 161*	*10/05/22 11:50*	*10/18/22 01:22*	*1*

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-11 4-5'

Date Collected: 09/27/22 13:50
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-15

Matrix: Solid
Percent Solids: 78.0

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5310		13.0	5.7	mg/Kg	☼	09/29/22 11:46	09/30/22 23:18	1
Antimony	1.9	J	19.6	0.52	mg/Kg	☼	09/29/22 11:46	09/30/22 23:18	1
Arsenic	21.9		2.6	0.52	mg/Kg	☼	09/29/22 11:46	09/30/22 23:18	1
Barium	188		0.65	0.14	mg/Kg	☼	09/29/22 11:46	09/30/22 23:18	1
Beryllium	0.81		0.26	0.037	mg/Kg	☼	09/29/22 11:46	09/30/22 23:18	1
Cadmium	0.81		0.26	0.039	mg/Kg	☼	09/29/22 11:46	09/30/22 23:18	1
Calcium	10100		65.2	4.3	mg/Kg	☼	09/29/22 11:46	09/30/22 23:18	1
Chromium	13.9		0.65	0.26	mg/Kg	☼	09/29/22 11:46	09/30/22 23:18	1
Cobalt	7.9		0.65	0.065	mg/Kg	☼	09/29/22 11:46	09/30/22 23:18	1
Copper	215		1.3	0.27	mg/Kg	☼	09/29/22 11:46	09/30/22 23:18	1
Iron	25400		13.0	4.6	mg/Kg	☼	09/29/22 11:46	09/30/22 23:18	1
Lead	373		1.3	0.31	mg/Kg	☼	09/29/22 11:46	09/30/22 23:18	1
Magnesium	2510	B	26.1	1.2	mg/Kg	☼	09/29/22 11:46	09/30/22 23:18	1
Manganese	254	B	0.26	0.042	mg/Kg	☼	09/29/22 11:46	09/30/22 23:18	1
Nickel	22.6		6.5	0.30	mg/Kg	☼	09/29/22 11:46	09/30/22 23:18	1
Potassium	937		39.1	26.1	mg/Kg	☼	09/29/22 11:46	09/30/22 23:18	1
Selenium	1.4	J B	5.2	0.52	mg/Kg	☼	09/29/22 11:46	09/30/22 23:18	1
Silver	ND		0.78	0.26	mg/Kg	☼	09/29/22 11:46	09/30/22 23:18	1
Sodium	317	B	183	17.0	mg/Kg	☼	09/29/22 11:46	09/30/22 23:18	1
Thallium	1.0	J	7.8	0.39	mg/Kg	☼	09/29/22 11:46	09/30/22 23:18	1
Vanadium	19.2		0.65	0.14	mg/Kg	☼	09/29/22 11:46	09/30/22 23:18	1
Zinc	147		2.6	0.83	mg/Kg	☼	09/29/22 11:46	09/30/22 23:18	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.28		0.027	0.0061	mg/Kg	☼	09/30/22 09:54	09/30/22 13:27	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-8 4-5'
Date Collected: 09/27/22 14:15
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-16
Matrix: Solid
Percent Solids: 87.3

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		950	140	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
bis (2-chloroisopropyl) ether	ND		950	190	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
2,4,5-Trichlorophenol	ND		950	260	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
2,4,6-Trichlorophenol	ND		950	190	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
2,4-Dichlorophenol	ND		950	100	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
2,4-Dimethylphenol	ND		950	230	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
2,4-Dinitrophenol	ND		9300	4400	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
2,4-Dinitrotoluene	ND		950	200	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
2,6-Dinitrotoluene	ND		950	110	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
2-Chloronaphthalene	ND		950	160	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
1,4-Dioxane	ND		560	310	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
2-Chlorophenol	ND		1800	170	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
2-Methylnaphthalene	ND		950	190	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
2-Methylphenol	ND		950	110	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
2-Nitroaniline	ND		1800	140	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
2-Nitrophenol	ND		950	270	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
3,3'-Dichlorobenzidine	ND		1800	1100	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
3-Nitroaniline	ND		1800	260	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
4,6-Dinitro-2-methylphenol	ND		1800	950	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
4-Bromophenyl phenyl ether	ND		950	130	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
4-Chloro-3-methylphenol	ND		950	240	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
4-Chloroaniline	ND		950	240	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
4-Chlorophenyl phenyl ether	ND		950	120	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
4-Methylphenol	ND		1800	110	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
4-Nitroaniline	ND		1800	500	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
4-Nitrophenol	ND		1800	670	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Acenaphthene	ND		950	140	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Acenaphthylene	ND		950	120	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Acetophenone	ND		950	130	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Anthracene	ND		950	240	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Atrazine	ND		950	330	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Benzaldehyde	ND		950	760	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Benzo[a]anthracene	**2300**		950	95	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Benzo[a]pyrene	**2500**		950	140	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Benzo[b]fluoranthene	**3000**		950	150	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Benzo[g,h,i]perylene	**1600**		950	100	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Benzo[k]fluoranthene	**1100**		950	120	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Bis(2-chloroethoxy)methane	ND		950	200	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Bis(2-chloroethyl)ether	ND		950	120	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Bis(2-ethylhexyl) phthalate	ND		950	320	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Butyl benzyl phthalate	ND		950	160	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Caprolactam	ND		950	290	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Carbazole	**290**	**J**	950	110	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Chrysene	**2400**		950	210	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Di-n-butyl phthalate	ND		950	160	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Di-n-octyl phthalate	ND		950	110	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Dibenz(a,h)anthracene	**510**	**J**	950	170	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Dibenzofuran	ND		950	110	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Diethyl phthalate	**300**	**J B**	950	120	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5

Client Sample ID: TP-8 4-5'
Date Collected: 09/27/22 14:15
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-16
Matrix: Solid
Percent Solids: 87.3

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		950	110	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Fluoranthene	**5000**		950	100	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Fluorene	**240**	**J**	950	110	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Hexachlorobenzene	ND		950	130	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Hexachlorobutadiene	ND		950	140	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Hexachlorocyclopentadiene	ND		950	130	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Hexachloroethane	ND		950	120	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Indeno[1,2,3-cd]pyrene	**1400**		950	120	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Isophorone	ND		950	200	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
N-Nitrosodi-n-propylamine	ND		950	160	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
N-Nitrosodiphenylamine	ND		950	770	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Naphthalene	ND		950	120	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Nitrobenzene	ND		950	110	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Pentachlorophenol	ND		1800	950	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Phenanthrene	**3000**		950	140	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Phenol	ND		950	150	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5
Pyrene	**3400**		950	110	ug/Kg	☼	09/29/22 15:38	10/01/22 01:07	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*880*	*T J*	*ug/Kg*	☼	*2.86*	*N/A*	*09/29/22 15:38*	*10/01/22 01:07*	*5*
Unknown	*830*	*T J*	*ug/Kg*	☼	*10.57*	*N/A*	*09/29/22 15:38*	*10/01/22 01:07*	*5*
Unknown	*1100*	*T J*	*ug/Kg*	☼	*11.03*	*N/A*	*09/29/22 15:38*	*10/01/22 01:07*	*5*
Unknown	*890*	*T J*	*ug/Kg*	☼	*11.30*	*N/A*	*09/29/22 15:38*	*10/01/22 01:07*	*5*
Cyclic octaatomic sulfur	*1100*	*T J N*	*ug/Kg*	☼	*11.69*	*10544-50-0*	*09/29/22 15:38*	*10/01/22 01:07*	*5*
Pyrene, 1-methyl-	*810*	*T J N*	*ug/Kg*	☼	*12.16*	*2381-21-7*	*09/29/22 15:38*	*10/01/22 01:07*	*5*
Perylene	*1500*	*T J N*	*ug/Kg*	☼	*13.95*	*198-55-0*	*09/29/22 15:38*	*10/01/22 01:07*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*109*		*54 - 120*	*09/29/22 15:38*	*10/01/22 01:07*	*5*
2-Fluorobiphenyl	*94*		*60 - 120*	*09/29/22 15:38*	*10/01/22 01:07*	*5*
2-Fluorophenol	*77*		*52 - 120*	*09/29/22 15:38*	*10/01/22 01:07*	*5*
Nitrobenzene-d5	*78*		*53 - 120*	*09/29/22 15:38*	*10/01/22 01:07*	*5*
p-Terphenyl-d14	*113*		*79 - 130*	*09/29/22 15:38*	*10/01/22 01:07*	*5*
Phenol-d5	*75*		*54 - 120*	*09/29/22 15:38*	*10/01/22 01:07*	*5*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8090**		11.3	5.0	mg/Kg	☼	09/29/22 11:46	09/30/22 23:22	1
Antimony	**2.4**	**J**	17.0	0.45	mg/Kg	☼	09/29/22 11:46	09/30/22 23:22	1
Arsenic	**13.5**		2.3	0.45	mg/Kg	☼	09/29/22 11:46	09/30/22 23:22	1
Barium	**182**		0.57	0.12	mg/Kg	☼	09/29/22 11:46	09/30/22 23:22	1
Beryllium	**0.86**		0.23	0.032	mg/Kg	☼	09/29/22 11:46	09/30/22 23:22	1
Cadmium	**0.46**		0.23	0.034	mg/Kg	☼	09/29/22 11:46	09/30/22 23:22	1
Calcium	**23000**		56.5	3.7	mg/Kg	☼	09/29/22 11:46	09/30/22 23:22	1
Chromium	**16.0**		0.57	0.23	mg/Kg	☼	09/29/22 11:46	09/30/22 23:22	1
Cobalt	**7.4**		0.57	0.057	mg/Kg	☼	09/29/22 11:46	09/30/22 23:22	1
Copper	**127**		1.1	0.24	mg/Kg	☼	09/29/22 11:46	09/30/22 23:22	1
Iron	**31600**		11.3	4.0	mg/Kg	☼	09/29/22 11:46	09/30/22 23:22	1
Lead	**301**		1.1	0.27	mg/Kg	☼	09/29/22 11:46	09/30/22 23:22	1
Magnesium	**5400**	**B**	22.6	1.0	mg/Kg	☼	09/29/22 11:46	09/30/22 23:22	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-8 4-5'
Date Collected: 09/27/22 14:15
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-16
Matrix: Solid
Percent Solids: 87.3

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	427	B	0.23	0.036	mg/Kg	☼	09/29/22 11:46	09/30/22 23:22	1
Nickel	21.5		5.7	0.26	mg/Kg	☼	09/29/22 11:46	09/30/22 23:22	1
Potassium	1490		33.9	22.6	mg/Kg	☼	09/29/22 11:46	09/30/22 23:22	1
Selenium	ND		4.5	0.45	mg/Kg	☼	09/29/22 11:46	09/30/22 23:22	1
Silver	ND		0.68	0.23	mg/Kg	☼	09/29/22 11:46	09/30/22 23:22	1
Sodium	232	B	158	14.7	mg/Kg	☼	09/29/22 11:46	09/30/22 23:22	1
Thallium	1.4	J	6.8	0.34	mg/Kg	☼	09/29/22 11:46	09/30/22 23:22	1
Vanadium	23.7		0.57	0.12	mg/Kg	☼	09/29/22 11:46	09/30/22 23:22	1
Zinc	188		2.3	0.72	mg/Kg	☼	09/29/22 11:46	09/30/22 23:22	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.31		0.022	0.0051	mg/Kg	☼	09/30/22 09:54	09/30/22 13:29	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-10 4-5'
Date Collected: 09/28/22 07:50
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-17
Matrix: Solid
Percent Solids: 75.5

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		2200	330	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
bis (2-chloroisopropyl) ether	ND		2200	440	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
2,4,5-Trichlorophenol	ND		2200	600	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
2,4,6-Trichlorophenol	ND		2200	440	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
2,4-Dichlorophenol	ND		2200	240	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
2,4-Dimethylphenol	ND		2200	540	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
2,4-Dinitrophenol	ND		22000	10000	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
2,4-Dinitrotoluene	ND		2200	460	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
2,6-Dinitrotoluene	ND		2200	260	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
2-Chloronaphthalene	ND		2200	370	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
1,4-Dioxane	ND		1300	720	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
2-Chlorophenol	ND		4300	400	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
2-Methylnaphthalene	ND		2200	440	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
2-Methylphenol	ND		2200	260	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
2-Nitroaniline	ND		4300	330	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
2-Nitrophenol	ND		2200	630	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
3,3'-Dichlorobenzidine	ND		4300	2600	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
3-Nitroaniline	ND		4300	610	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
4,6-Dinitro-2-methylphenol	ND		4300	2200	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
4-Bromophenyl phenyl ether	ND		2200	310	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
4-Chloro-3-methylphenol	ND		2200	550	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
4-Chloroaniline	ND		2200	550	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
4-Chlorophenyl phenyl ether	ND		2200	270	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
4-Methylphenol	ND		4300	260	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
4-Nitroaniline	ND		4300	1200	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
4-Nitrophenol	ND		4300	1600	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Acenaphthene	ND		2200	330	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Acenaphthylene	ND		2200	290	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Acetophenone	ND		2200	300	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Anthracene	ND		2200	550	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Atrazine	ND		2200	770	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Benzaldehyde	ND		2200	1800	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Benzo[a]anthracene	**670**	**J**	2200	220	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Benzo[a]pyrene	**780**	**J**	2200	330	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Benzo[b]fluoranthene	**980**	**J**	2200	350	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Benzo[g,h,i]perylene	**400**	**J**	2200	240	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Benzo[k]fluoranthene	**430**	**J**	2200	290	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Bis(2-chloroethoxy)methane	ND		2200	470	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Bis(2-chloroethyl)ether	ND		2200	290	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Bis(2-ethylhexyl) phthalate	ND		2200	760	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Butyl benzyl phthalate	ND		2200	370	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Caprolactam	ND		2200	670	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Carbazole	ND		2200	260	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Chrysene	ND		2200	500	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Di-n-butyl phthalate	ND		2200	380	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Di-n-octyl phthalate	ND		2200	260	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Dibenz(a,h)anthracene	ND		2200	390	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Dibenzofuran	ND		2200	260	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Diethyl phthalate	ND		2200	290	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10

Client Sample ID: TP-10 4-5'

Date Collected: 09/28/22 07:50
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-17

Matrix: Solid
Percent Solids: 75.5

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		2200	260	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Fluoranthene	**1500**	**J**	2200	240	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Fluorene	ND		2200	260	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Hexachlorobenzene	ND		2200	300	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Hexachlorobutadiene	ND		2200	330	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Hexachlorocyclopentadiene	ND		2200	300	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Hexachloroethane	ND		2200	290	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Indeno[1,2,3-cd]pyrene	**400**	**J**	2200	270	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Isophorone	ND		2200	470	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
N-Nitrosodi-n-propylamine	ND		2200	380	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
N-Nitrosodiphenylamine	ND		2200	1800	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Naphthalene	ND		2200	290	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Nitrobenzene	ND		2200	250	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Pentachlorophenol	ND		4300	2200	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Phenanthrene	ND		2200	330	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Phenol	ND		2200	340	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10
Pyrene	**910**	**J**	2200	260	ug/Kg	☼	09/29/22 15:38	10/01/22 01:31	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*5000*	*T J*	*ug/Kg*	☼	*1.52*	*N/A*	*09/29/22 15:38*	*10/01/22 01:31*	*10*
Unknown	*2100*	*T J*	*ug/Kg*	☼	*13.36*	*N/A*	*09/29/22 15:38*	*10/01/22 01:31*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*107*		*54 - 120*	*09/29/22 15:38*	*10/01/22 01:31*	*10*
2-Fluorobiphenyl	*103*		*60 - 120*	*09/29/22 15:38*	*10/01/22 01:31*	*10*
2-Fluorophenol	*88*		*52 - 120*	*09/29/22 15:38*	*10/01/22 01:31*	*10*
Nitrobenzene-d5	*70*		*53 - 120*	*09/29/22 15:38*	*10/01/22 01:31*	*10*
p-Terphenyl-d14	*106*		*79 - 130*	*09/29/22 15:38*	*10/01/22 01:31*	*10*
Phenol-d5	*66*		*54 - 120*	*09/29/22 15:38*	*10/01/22 01:31*	*10*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10500**		13.0	5.7	mg/Kg	☼	09/29/22 11:46	09/30/22 23:37	1
Antimony	**1.5**	**J**	19.6	0.52	mg/Kg	☼	09/29/22 11:46	09/30/22 23:37	1
Arsenic	**15.0**		2.6	0.52	mg/Kg	☼	09/29/22 11:46	09/30/22 23:37	1
Barium	**140**		0.65	0.14	mg/Kg	☼	09/29/22 11:46	09/30/22 23:37	1
Beryllium	**1.0**		0.26	0.037	mg/Kg	☼	09/29/22 11:46	09/30/22 23:37	1
Cadmium	**1.1**		0.26	0.039	mg/Kg	☼	09/29/22 11:46	09/30/22 23:37	1
Calcium	**68500**		65.2	4.3	mg/Kg	☼	09/29/22 11:46	09/30/22 23:37	1
Chromium	**33.9**		0.65	0.26	mg/Kg	☼	09/29/22 11:46	09/30/22 23:37	1
Cobalt	**7.3**		0.65	0.065	mg/Kg	☼	09/29/22 11:46	09/30/22 23:37	1
Copper	**79.9**		1.3	0.27	mg/Kg	☼	09/29/22 11:46	09/30/22 23:37	1
Iron	**37800**		13.0	4.6	mg/Kg	☼	09/29/22 11:46	09/30/22 23:37	1
Lead	**156**		1.3	0.31	mg/Kg	☼	09/29/22 11:46	09/30/22 23:37	1
Magnesium	**16600**	**B**	26.1	1.2	mg/Kg	☼	09/29/22 11:46	09/30/22 23:37	1
Manganese	**719**	**B**	0.26	0.042	mg/Kg	☼	09/29/22 11:46	09/30/22 23:37	1
Nickel	**26.4**		6.5	0.30	mg/Kg	☼	09/29/22 11:46	09/30/22 23:37	1
Potassium	**2440**		39.1	26.1	mg/Kg	☼	09/29/22 11:46	09/30/22 23:37	1
Selenium	**1.2**	**J B**	5.2	0.52	mg/Kg	☼	09/29/22 11:46	09/30/22 23:37	1
Silver	ND		0.78	0.26	mg/Kg	☼	09/29/22 11:46	09/30/22 23:37	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-10 4-5'
Date Collected: 09/28/22 07:50
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-17
Matrix: Solid
Percent Solids: 75.5

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	495	B	183	16.9	mg/Kg	☼	09/29/22 11:46	09/30/22 23:37	1
Thallium	1.0	J	7.8	0.39	mg/Kg	☼	09/29/22 11:46	09/30/22 23:37	1
Vanadium	23.9		0.65	0.14	mg/Kg	☼	09/29/22 11:46	09/30/22 23:37	1
Zinc	267		2.6	0.83	mg/Kg	☼	09/29/22 11:46	09/30/22 23:37	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.14		0.026	0.0060	mg/Kg	☼	09/30/22 09:54	09/30/22 13:30	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-9 3-4

Date Collected: 09/28/22 08:20
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-18

Matrix: Solid
Percent Solids: 73.2

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.7	0.49	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
1,1,2,2-Tetrachloroethane	ND	*3 F1 vs	6.7	1.1	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.7	1.5	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
1,1,2-Trichloroethane	ND	vs	6.7	0.88	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
1,1-Dichloroethane	ND	vs	6.7	0.82	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
1,1-Dichloroethene	ND	vs	6.7	0.83	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
1,2,4-Trichlorobenzene	ND	*3 F1 vs	6.7	0.41	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
1,2,4-Trimethylbenzene	ND	*3 vs	6.7	1.3	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
1,2-Dibromo-3-Chloropropane	ND	*3 vs	6.7	3.4	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
1,2-Dichlorobenzene	ND	*3 F1 vs	6.7	0.53	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
1,2-Dichloroethane	ND	F1 vs	6.7	0.34	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
1,2-Dichloropropane	ND	vs	6.7	3.4	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
1,3,5-Trimethylbenzene	ND	*3 vs	6.7	0.43	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
1,3-Dichlorobenzene	ND	*3 F1 vs	6.7	0.35	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
1,4-Dichlorobenzene	ND	*3 F1 vs	6.7	0.94	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
2-Butanone (MEK)	ND	F1 vs	34	2.5	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
2-Hexanone	ND	vs	34	3.4	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
4-Isopropyltoluene	ND	*3 vs	6.7	0.54	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
4-Methyl-2-pentanone (MIBK)	ND	vs	34	2.2	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Acetone	ND	vs	34	5.7	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Benzene	ND	F1 vs	6.7	0.33	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Bromoform	ND	F1 vs	6.7	3.4	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Bromomethane	ND	vs	6.7	0.61	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Carbon disulfide	ND	F1 vs	6.7	3.4	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Carbon tetrachloride	ND	F1 vs	6.7	0.65	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Chlorobenzene	ND	F1 vs	6.7	0.89	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Dibromochloromethane	ND	vs	6.7	0.86	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Chloroethane	ND	vs	6.7	1.5	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Chloroform	**0.61**	**J F1 vs**	6.7	0.42	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Chloromethane	ND	vs	6.7	0.41	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
cis-1,2-Dichloroethene	ND	F1 vs	6.7	0.86	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Cyclohexane	ND	vs	6.7	0.94	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Bromodichloromethane	ND	F1 vs	6.7	0.90	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Dichlorodifluoromethane	ND	vs	6.7	0.56	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Ethylbenzene	ND	F1 vs	6.7	0.47	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
1,2-Dibromoethane	ND	F1 vs	6.7	0.87	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Isopropylbenzene	ND	*3 F1 vs	6.7	1.0	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Methyl acetate	ND	vs	34	4.1	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Methyl tert-butyl ether	ND	vs	6.7	0.66	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Methylcyclohexane	ND	F1 vs	6.7	1.0	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Methylene Chloride	ND	vs	6.7	3.1	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
m,p-Xylene	ND	F1 vs	13	1.1	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Naphthalene	**2.0**	**J *3 F1 vs**	6.7	0.90	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
n-Butylbenzene	ND	*3 F1 vs	6.7	0.59	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
N-Propylbenzene	ND	*3 vs	6.7	0.54	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
o-Xylene	ND	vs	6.7	0.88	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
sec-Butylbenzene	ND	*3 vs	6.7	0.59	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Tetrachloroethene	ND	F1 vs	6.7	0.91	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Toluene	ND	vs	6.7	0.51	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1

Client Sample ID: TP-9 3-4
Date Collected: 09/28/22 08:20
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-18
Matrix: Solid
Percent Solids: 73.2

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND	F1 vs	6.7	0.70	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
trans-1,3-Dichloropropene	ND	F1 vs	6.7	3.0	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Trichloroethene	ND	F1 vs	6.7	1.5	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Trichlorofluoromethane	ND	vs	6.7	0.64	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Vinyl chloride	ND	vs	6.7	0.82	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Xylenes, Total	ND	F1 vs	13	1.1	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
cis-1,3-Dichloropropene	ND	F1 vs	6.7	0.97	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
Styrene	ND	F1 vs	6.7	0.34	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1
tert-Butylbenzene	ND	*3 vs	6.7	0.70	ug/Kg	☼	09/29/22 18:18	09/30/22 01:29	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
.beta.-Phellandrene	*14*	*T J N*	*ug/Kg*	☼	*9.84*	*555-10-2*	*09/29/22 18:18*	*09/30/22 01:29*	*1*
Unknown	*10*	*T J*	*ug/Kg*	☼	*13.58*	*N/A*	*09/29/22 18:18*	*09/30/22 01:29*	*1*
Unknown	*12*	*T J*	*ug/Kg*	☼	*13.68*	*N/A*	*09/29/22 18:18*	*09/30/22 01:29*	*1*
Decahydro-4,4,8,9,10-pentamethylnaphthalene	*25*	*T J N*	*ug/Kg*	☼	*13.79*	*80655-44-3*	*09/29/22 18:18*	*09/30/22 01:29*	*1*
Unknown	*12*	*T J*	*ug/Kg*	☼	*14.01*	*N/A*	*09/29/22 18:18*	*09/30/22 01:29*	*1*
unknown	*45*	*T J*	*ug/Kg*	☼	*14.23*	*N/A*	*09/29/22 18:18*	*09/30/22 01:29*	*1*
Unknown	*36*	*T J*	*ug/Kg*	☼	*14.45*	*N/A*	*09/29/22 18:18*	*09/30/22 01:29*	*1*
Unknown	*57*	*T J*	*ug/Kg*	☼	*14.51*	*N/A*	*09/29/22 18:18*	*09/30/22 01:29*	*1*
Unknown	*20*	*T J*	*ug/Kg*	☼	*14.56*	*N/A*	*09/29/22 18:18*	*09/30/22 01:29*	*1*
Unknown	*30*	*T J*	*ug/Kg*	☼	*14.61*	*N/A*	*09/29/22 18:18*	*09/30/22 01:29*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*64 - 126*	*09/29/22 18:18*	*09/30/22 01:29*	*1*
4-Bromofluorobenzene (Surr)	*74*		*72 - 126*	*09/29/22 18:18*	*09/30/22 01:29*	*1*
Toluene-d8 (Surr)	*134*	*S1+*	*71 - 125*	*09/29/22 18:18*	*09/30/22 01:29*	*1*
Dibromofluoromethane (Surr)	*110*		*60 - 140*	*09/29/22 18:18*	*09/30/22 01:29*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		4500	670	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
bis (2-chloroisopropyl) ether	ND		4500	910	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
2,4,5-Trichlorophenol	ND		4500	1200	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
2,4,6-Trichlorophenol	ND	F2	4500	910	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
2,4-Dichlorophenol	ND		4500	480	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
2,4-Dimethylphenol	ND		4500	1100	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
2,4-Dinitrophenol	ND		44000	21000	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
2,4-Dinitrotoluene	ND	F2	4500	940	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
2,6-Dinitrotoluene	ND	F2	4500	530	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
2-Chloronaphthalene	ND		4500	750	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
1,4-Dioxane	ND	F1	2700	1500	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
2-Chlorophenol	ND	F1	8800	830	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
2-Methylnaphthalene	ND		4500	910	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
2-Methylphenol	ND		4500	530	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
2-Nitroaniline	ND	F1 F2	8800	670	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
2-Nitrophenol	ND	F1	4500	1300	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
3,3'-Dichlorobenzidine	ND		8800	5300	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
3-Nitroaniline	ND	F1	8800	1300	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
4,6-Dinitro-2-methylphenol	ND		8800	4500	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20

Client Sample ID: TP-9 3-4
Date Collected: 09/28/22 08:20
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-18
Matrix: Solid
Percent Solids: 73.2

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND		4500	640	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
4-Chloro-3-methylphenol	ND	F2	4500	1100	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
4-Chloroaniline	ND	F1	4500	1100	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
4-Chlorophenyl phenyl ether	ND		4500	560	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
4-Methylphenol	ND	F1	8800	530	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
4-Nitroaniline	ND		8800	2400	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
4-Nitrophenol	ND	F1	8800	3200	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Acenaphthene	**2600**	**J F1**	4500	670	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Acenaphthylene	**730**	**J**	4500	590	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Acetophenone	ND		4500	610	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Anthracene	**6100**	**F1**	4500	1100	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Atrazine	ND		4500	1600	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Benzaldehyde	ND	F1	4500	3600	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Benzo[a]anthracene	**10000**	**F2**	4500	450	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Benzo[a]pyrene	**12000**	**F2**	4500	670	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Benzo[b]fluoranthene	**14000**		4500	720	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Benzo[g,h,i]perylene	**7100**	**F1**	4500	480	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Benzo[k]fluoranthene	**4500**	**F2**	4500	590	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Bis(2-chloroethoxy)methane	ND	F2	4500	960	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Bis(2-chloroethyl)ether	ND	F1	4500	590	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Bis(2-ethylhexyl) phthalate	ND	F2	4500	1500	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Butyl benzyl phthalate	ND	F2	4500	750	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Caprolactam	ND	F1	4500	1400	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Carbazole	**2100**	**J F1**	4500	530	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Chrysene	**10000**		4500	1000	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Di-n-butyl phthalate	ND		4500	770	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Di-n-octyl phthalate	ND		4500	530	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Dibenz(a,h)anthracene	**1300**	**J**	4500	800	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Dibenzofuran	**1900**	**J F1**	4500	530	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Diethyl phthalate	ND	F2	4500	590	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Dimethyl phthalate	ND	F2	4500	530	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Fluoranthene	**23000**	**F2**	4500	480	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Fluorene	**3100**	**J F1**	4500	530	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Hexachlorobenzene	ND	F1	4500	610	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Hexachlorobutadiene	ND		4500	670	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Hexachlorocyclopentadiene	ND		4500	610	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Hexachloroethane	ND		4500	590	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Indeno[1,2,3-cd]pyrene	**6200**	**F1**	4500	560	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Isophorone	ND	F1	4500	960	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
N-Nitrosodi-n-propylamine	ND	F1 F2	4500	770	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
N-Nitrosodiphenylamine	ND		4500	3700	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Naphthalene	**2000**	**J F1**	4500	590	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Nitrobenzene	ND	F1 F2	4500	510	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Pentachlorophenol	ND		8800	4500	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Phenanthrene	**20000**	**F2**	4500	670	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Phenol	ND	F1	4500	690	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20
Pyrene	**17000**		4500	530	ug/Kg	☼	09/29/22 15:38	09/30/22 18:39	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
11H-Benzo[b]fluorene	*3900*	*T J N*	*ug/Kg*	☼	*12.16*	*243-17-4*	*09/29/22 15:38*	*09/30/22 18:39*	*20*

Client Sample ID: TP-9 3-4
Date Collected: 09/28/22 08:20
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-18
Matrix: Solid
Percent Solids: 73.2

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Benzo[e]pyrene	6800	T J N	ug/Kg	☼	13.95	192-97-2	09/29/22 15:38	09/30/22 18:39	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	113		54 - 120	09/29/22 15:38	09/30/22 18:39	20
2-Fluorobiphenyl	81		60 - 120	09/29/22 15:38	09/30/22 18:39	20
2-Fluorophenol	57		52 - 120	09/29/22 15:38	09/30/22 18:39	20
Nitrobenzene-d5	50	S1-	53 - 120	09/29/22 15:38	09/30/22 18:39	20
p-Terphenyl-d14	97		79 - 130	09/29/22 15:38	09/30/22 18:39	20
Phenol-d5	65		54 - 120	09/29/22 15:38	09/30/22 18:39	20

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**14**	**J**	45	8.7	ug/Kg	☼	10/03/22 15:41	10/04/22 11:08	20
4,4'-DDE	ND		45	9.4	ug/Kg	☼	10/03/22 15:41	10/04/22 11:08	20
4,4'-DDT	**27**	**J**	45	10	ug/Kg	☼	10/03/22 15:41	10/04/22 11:08	20
Aldrin	ND		45	11	ug/Kg	☼	10/03/22 15:41	10/04/22 11:08	20
alpha-BHC	ND		45	8.0	ug/Kg	☼	10/03/22 15:41	10/04/22 11:08	20
cis-Chlordane	ND		45	22	ug/Kg	☼	10/03/22 15:41	10/04/22 11:08	20
beta-BHC	ND		45	8.0	ug/Kg	☼	10/03/22 15:41	10/04/22 11:08	20
delta-BHC	ND		45	8.3	ug/Kg	☼	10/03/22 15:41	10/04/22 11:08	20
Dieldrin	ND	F2	45	11	ug/Kg	☼	10/03/22 15:41	10/04/22 11:08	20
Endosulfan I	ND		45	8.6	ug/Kg	☼	10/03/22 15:41	10/04/22 11:08	20
Endosulfan II	ND	F1	45	8.0	ug/Kg	☼	10/03/22 15:41	10/04/22 11:08	20
Endosulfan sulfate	ND	F1	45	8.3	ug/Kg	☼	10/03/22 15:41	10/04/22 11:08	20
Endrin	ND		45	8.9	ug/Kg	☼	10/03/22 15:41	10/04/22 11:08	20
Endrin aldehyde	ND		45	11	ug/Kg	☼	10/03/22 15:41	10/04/22 11:08	20
Endrin ketone	ND	F1	45	11	ug/Kg	☼	10/03/22 15:41	10/04/22 11:08	20
gamma-BHC (Lindane)	ND	F1	45	8.2	ug/Kg	☼	10/03/22 15:41	10/04/22 11:08	20
trans-Chlordane	ND	F1	45	14	ug/Kg	☼	10/03/22 15:41	10/04/22 11:08	20
Heptachlor	ND		45	9.7	ug/Kg	☼	10/03/22 15:41	10/04/22 11:08	20
Heptachlor epoxide	ND		45	12	ug/Kg	☼	10/03/22 15:41	10/04/22 11:08	20
Methoxychlor	**12**	**J**	45	9.1	ug/Kg	☼	10/03/22 15:41	10/04/22 11:08	20
Toxaphene	ND		450	260	ug/Kg	☼	10/03/22 15:41	10/04/22 11:08	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	254	S1+	45 - 120	10/03/22 15:41	10/04/22 11:08	20
DCB Decachlorobiphenyl	681	S1+	45 - 120	10/03/22 15:41	10/04/22 11:08	20
Tetrachloro-m-xylene	139	S1+	30 - 124	10/03/22 15:41	10/04/22 11:08	20
Tetrachloro-m-xylene	107		30 - 124	10/03/22 15:41	10/04/22 11:08	20

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.27	0.053	mg/Kg	☼	09/30/22 16:34	10/02/22 22:57	1
PCB-1221	ND		0.27	0.053	mg/Kg	☼	09/30/22 16:34	10/02/22 22:57	1
PCB-1232	ND		0.27	0.053	mg/Kg	☼	09/30/22 16:34	10/02/22 22:57	1
PCB-1242	ND		0.27	0.053	mg/Kg	☼	09/30/22 16:34	10/02/22 22:57	1
PCB-1248	ND		0.27	0.053	mg/Kg	☼	09/30/22 16:34	10/02/22 22:57	1
PCB-1254	ND		0.27	0.13	mg/Kg	☼	09/30/22 16:34	10/02/22 22:57	1
PCB-1260	**0.17**	**J**	0.27	0.13	mg/Kg	☼	09/30/22 16:34	10/02/22 22:57	1

Client Sample ID: TP-9 3-4
Date Collected: 09/28/22 08:20
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-18
Matrix: Solid
Percent Solids: 73.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*101*		*60 - 154*	*09/30/22 16:34*	*10/02/22 22:57*	*1*
Tetrachloro-m-xylene	*115*		*60 - 154*	*09/30/22 16:34*	*10/02/22 22:57*	*1*
DCB Decachlorobiphenyl	*104*		*65 - 174*	*09/30/22 16:34*	*10/02/22 22:57*	*1*
DCB Decachlorobiphenyl	*132*		*65 - 174*	*09/30/22 16:34*	*10/02/22 22:57*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		23	7.2	ug/Kg	☼	10/04/22 07:41	10/06/22 15:53	1
Silvex (2,4,5-TP)	ND		23	8.1	ug/Kg	☼	10/04/22 07:41	10/06/22 15:53	1
2,4-D	ND		23	14	ug/Kg	☼	10/04/22 07:41	10/06/22 15:53	1
Dichlorprop	ND	F1	23	11	ug/Kg	☼	10/04/22 07:41	10/06/22 15:53	1
Pentachlorophenol	ND		23	7.3	ug/Kg	☼	10/04/22 07:41	10/06/22 15:53	1
Picloram	ND		23	9.7	ug/Kg	☼	10/04/22 07:41	10/06/22 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*56*		*28 - 129*	*10/04/22 07:41*	*10/06/22 15:53*	*1*
2,4-Dichlorophenylacetic acid	*54*		*28 - 129*	*10/04/22 07:41*	*10/06/22 15:53*	*1*

Method: EPA 537 (Modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**0.034**	**J**	0.27	0.026	ng/g	☼	10/05/22 11:50	10/18/22 01:33	1
Perfluoroheptanoic acid	ND		0.27	0.033	ng/g	☼	10/05/22 11:50	10/18/22 01:33	1
Perfluorooctanoic acid	**0.12**	**J**	0.27	0.030	ng/g	☼	10/05/22 11:50	10/18/22 01:33	1
Perfluorononanoic acid	ND		0.27	0.031	ng/g	☼	10/05/22 11:50	10/18/22 01:33	1
Perfluorodecanoic acid	ND		0.27	0.033	ng/g	☼	10/05/22 11:50	10/18/22 01:33	1
Perfluorotridecanoic acid	ND		0.27	0.029	ng/g	☼	10/05/22 11:50	10/18/22 01:33	1
Perfluorotetradecanoic acid	ND		0.27	0.033	ng/g	☼	10/05/22 11:50	10/18/22 01:33	1
Perfluorobutanesulfonic acid	ND		0.55	0.49	ng/g	☼	10/05/22 11:50	10/18/22 01:33	1
Perfluorohexanesulfonic acid	ND		0.27	0.026	ng/g	☼	10/05/22 11:50	10/18/22 01:33	1
Perfluorooctanesulfonic acid	**2.4**		0.27	0.048	ng/g	☼	10/05/22 11:50	10/18/22 01:33	1
NEtFOSAA	**0.049**	**J**	0.27	0.030	ng/g	☼	10/05/22 11:50	10/18/22 01:33	1
NMeFOSAA	ND		0.27	0.042	ng/g	☼	10/05/22 11:50	10/18/22 01:33	1
Perfluoroheptanesulfonic acid	ND		0.27	0.027	ng/g	☼	10/05/22 11:50	10/18/22 01:33	1
Perfluorodecanesulfonic acid	ND		0.27	0.029	ng/g	☼	10/05/22 11:50	10/18/22 01:33	1
Perfluorooctanesulfonamide	ND		0.27	0.029	ng/g	☼	10/05/22 11:50	10/18/22 01:33	1
Perfluorobutanoic acid	**0.059**	**J**	0.27	0.033	ng/g	☼	10/05/22 11:50	10/18/22 01:33	1
Perfluoroundecanoic acid	ND		0.27	0.076	ng/g	☼	10/05/22 11:50	10/18/22 01:33	1
Perfluorododecanoic acid	ND		0.27	0.031	ng/g	☼	10/05/22 11:50	10/18/22 01:33	1
6:2 Fluorotelomer sulfonic acid	ND		0.27	0.067	ng/g	☼	10/05/22 11:50	10/18/22 01:33	1
8:2 Fluorotelomer sulfonic acid	ND		0.27	0.023	ng/g	☼	10/05/22 11:50	10/18/22 01:33	1
Perfluoropentanoic acid	ND		0.27	0.033	ng/g	☼	10/05/22 11:50	10/18/22 01:33	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-8:2 FTS	*208*	**5+*	*15 - 200*	*10/05/22 11:50*	*10/18/22 01:33*	*1*
M2-6:2 FTS	*263*	**5+*	*10 - 200*	*10/05/22 11:50*	*10/18/22 01:33*	*1*
13C5 PFHxA	*61*		*10 - 174*	*10/05/22 11:50*	*10/18/22 01:33*	*1*
13C4 PFHpA	*66*		*10 - 178*	*10/05/22 11:50*	*10/18/22 01:33*	*1*
13C8 PFOA	*66*		*26 - 159*	*10/05/22 11:50*	*10/18/22 01:33*	*1*
13C9 PFNA	*113*		*26 - 165*	*10/05/22 11:50*	*10/18/22 01:33*	*1*
13C6 PFDA	*85*		*26 - 161*	*10/05/22 11:50*	*10/18/22 01:33*	*1*
13C7 PFUnA	*86*		*12 - 173*	*10/05/22 11:50*	*10/18/22 01:33*	*1*

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-9 3-4

Date Collected: 09/28/22 08:20
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-18

Matrix: Solid
Percent Solids: 73.2

Method: EPA 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2-PFDoDA	76		11 - 166	10/05/22 11:50	10/18/22 01:33	1
13C2 PFTeDA	72		10 - 169	10/05/22 11:50	10/18/22 01:33	1
13C3 PFBS	75		27 - 179	10/05/22 11:50	10/18/22 01:33	1
13C3 PFHxS	64		24 - 171	10/05/22 11:50	10/18/22 01:33	1
13C8 PFOS	86		41 - 154	10/05/22 11:50	10/18/22 01:33	1
d3-NMeFOSAA	89		10 - 178	10/05/22 11:50	10/18/22 01:33	1
d5-NEtFOSAA	86		10 - 193	10/05/22 11:50	10/18/22 01:33	1
13C8 FOSA	41		14 - 163	10/05/22 11:50	10/18/22 01:33	1
13C4 PFBA	82		28 - 153	10/05/22 11:50	10/18/22 01:33	1
13C5 PFPeA	70		24 - 161	10/05/22 11:50	10/18/22 01:33	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11500		13.3	5.9	mg/Kg	☼	09/29/22 11:46	09/30/22 23:41	1
Antimony	1.7	J	20.0	0.53	mg/Kg	☼	09/29/22 11:46	09/30/22 23:41	1
Arsenic	15.0		2.7	0.53	mg/Kg	☼	09/29/22 11:46	09/30/22 23:41	1
Barium	137	F1	0.67	0.15	mg/Kg	☼	09/29/22 11:46	09/30/22 23:41	1
Beryllium	0.75		0.27	0.037	mg/Kg	☼	09/29/22 11:46	09/30/22 23:41	1
Cadmium	1.0		0.27	0.040	mg/Kg	☼	09/29/22 11:46	09/30/22 23:41	1
Calcium	27300		66.7	4.4	mg/Kg	☼	09/29/22 11:46	09/30/22 23:41	1
Chromium	25.6		0.67	0.27	mg/Kg	☼	09/29/22 11:46	09/30/22 23:41	1
Cobalt	7.4		0.67	0.067	mg/Kg	☼	09/29/22 11:46	09/30/22 23:41	1
Copper	67.9	F1	1.3	0.28	mg/Kg	☼	09/29/22 11:46	09/30/22 23:41	1
Iron	36900		13.3	4.7	mg/Kg	☼	09/29/22 11:46	09/30/22 23:41	1
Lead	188	F1	1.3	0.32	mg/Kg	☼	09/29/22 11:46	09/30/22 23:41	1
Magnesium	8940	B F1 F2	26.7	1.2	mg/Kg	☼	09/29/22 11:46	09/30/22 23:41	1
Manganese	543	B F2	0.27	0.043	mg/Kg	☼	09/29/22 11:46	09/30/22 23:41	1
Nickel	27.4		6.7	0.31	mg/Kg	☼	09/29/22 11:46	09/30/22 23:41	1
Potassium	2230		40.0	26.7	mg/Kg	☼	09/29/22 11:46	09/30/22 23:41	1
Selenium	0.59	J B	5.3	0.53	mg/Kg	☼	09/29/22 11:46	09/30/22 23:41	1
Silver	0.27	J F1 F2	0.80	0.27	mg/Kg	☼	09/29/22 11:46	09/30/22 23:41	1
Sodium	761	B	187	17.3	mg/Kg	☼	09/29/22 11:46	09/30/22 23:41	1
Thallium	1.5	J	8.0	0.40	mg/Kg	☼	09/29/22 11:46	09/30/22 23:41	1
Vanadium	28.0		0.67	0.15	mg/Kg	☼	09/29/22 11:46	09/30/22 23:41	1
Zinc	219	F1	2.7	0.85	mg/Kg	☼	09/29/22 11:46	09/30/22 23:41	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.21	F1	0.026	0.0061	mg/Kg	☼	09/30/22 09:54	09/30/22 13:31	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-7 1-2'
Date Collected: 09/28/22 09:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-19
Matrix: Solid
Percent Solids: 63.5

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		2600	390	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
bis (2-chloroisopropyl) ether	ND		2600	530	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
2,4,5-Trichlorophenol	ND		2600	710	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
2,4,6-Trichlorophenol	ND		2600	530	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
2,4-Dichlorophenol	ND		2600	280	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
2,4-Dimethylphenol	ND		2600	640	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
2,4-Dinitrophenol	ND		26000	12000	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
2,4-Dinitrotoluene	ND		2600	540	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
2,6-Dinitrotoluene	ND		2600	310	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
2-Chloronaphthalene	ND		2600	430	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
1,4-Dioxane	ND		1600	850	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
2-Chlorophenol	ND		5100	480	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
2-Methylnaphthalene	**690**	**J**	2600	530	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
2-Methylphenol	ND		2600	310	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
2-Nitroaniline	ND		5100	390	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
2-Nitrophenol	ND		2600	740	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
3,3'-Dichlorobenzidine	ND		5100	3100	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
3-Nitroaniline	ND		5100	730	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
4,6-Dinitro-2-methylphenol	ND		5100	2600	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
4-Bromophenyl phenyl ether	ND		2600	370	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
4-Chloro-3-methylphenol	ND		2600	650	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
4-Chloroaniline	ND		2600	650	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
4-Chlorophenyl phenyl ether	ND		2600	330	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
4-Methylphenol	ND		5100	310	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
4-Nitroaniline	ND		5100	1400	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
4-Nitrophenol	ND		5100	1800	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Acenaphthene	**3200**		2600	390	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Acenaphthylene	**3000**		2600	340	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Acetophenone	ND		2600	360	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Anthracene	**9200**		2600	650	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Atrazine	ND		2600	910	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Benzaldehyde	ND		2600	2100	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Benzo[a]anthracene	**27000**		2600	260	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Benzo[a]pyrene	**27000**		2600	390	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Benzo[b]fluoranthene	**27000**		2600	420	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Benzo[g,h,i]perylene	**14000**		2600	280	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Benzo[k]fluoranthene	**13000**		2600	340	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Bis(2-chloroethoxy)methane	ND		2600	560	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Bis(2-chloroethyl)ether	ND		2600	340	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Bis(2-ethylhexyl) phthalate	ND		2600	900	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Butyl benzyl phthalate	ND		2600	430	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Caprolactam	ND		2600	790	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Carbazole	**2200**	**J**	2600	310	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Chrysene	**28000**		2600	590	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Di-n-butyl phthalate	ND		2600	450	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Di-n-octyl phthalate	ND		2600	310	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Dibenz(a,h)anthracene	**4400**		2600	470	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Dibenzofuran	**2000**	**J**	2600	310	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Diethyl phthalate	ND		2600	340	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10

Client Sample ID: TP-7 1-2'
Date Collected: 09/28/22 09:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-19
Matrix: Solid
Percent Solids: 63.5

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		2600	310	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Fluoranthene	**67000**		2600	280	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Fluorene	**3600**		2600	310	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Hexachlorobenzene	ND		2600	360	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Hexachlorobutadiene	ND		2600	390	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Hexachlorocyclopentadiene	ND		2600	360	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Hexachloroethane	ND		2600	340	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Indeno[1,2,3-cd]pyrene	**15000**		2600	330	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Isophorone	ND		2600	560	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
N-Nitrosodi-n-propylamine	ND		2600	450	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
N-Nitrosodiphenylamine	ND		2600	2100	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Naphthalene	**1000**	**J**	2600	340	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Nitrobenzene	ND		2600	290	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Pentachlorophenol	ND		5100	2600	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Phenanthrene	**35000**		2600	390	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Phenol	ND		2600	400	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10
Pyrene	**44000**		2600	310	ug/Kg	☼	09/29/22 15:38	10/01/22 01:56	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
1H-Cyclopropa[l]phenanthrene,1a,9b-dihydro-	*6400*	*T J N*	*ug/Kg*	☼	*11.00*	*949-41-7*	*09/29/22 15:38*	*10/01/22 01:56*	*10*
Anthracene, 2-methyl-	*8500*	*T J N*	*ug/Kg*	☼	*11.03*	*613-12-7*	*09/29/22 15:38*	*10/01/22 01:56*	*10*
1H-Indene, 2-phenyl-	*4000*	*T J N*	*ug/Kg*	☼	*11.07*	*4505-48-0*	*09/29/22 15:38*	*10/01/22 01:56*	*10*
4H-Cyclopenta[def]phenanthrene	*12000*	*T J N*	*ug/Kg*	☼	*11.10*	*203-64-5*	*09/29/22 15:38*	*10/01/22 01:56*	*10*
Phenanthrene, 1-methyl-	*4600*	*T J N*	*ug/Kg*	☼	*11.13*	*832-69-9*	*09/29/22 15:38*	*10/01/22 01:56*	*10*
Unknown	*7200*	*T J*	*ug/Kg*	☼	*11.29*	*N/A*	*09/29/22 15:38*	*10/01/22 01:56*	*10*
9,10-Dimethylanthracene	*5400*	*T J N*	*ug/Kg*	☼	*11.53*	*781-43-1*	*09/29/22 15:38*	*10/01/22 01:56*	*10*
Unknown	*6000*	*T J*	*ug/Kg*	☼	*11.68*	*N/A*	*09/29/22 15:38*	*10/01/22 01:56*	*10*
Pyrene, 1-methyl-	*5700*	*T J N*	*ug/Kg*	☼	*12.16*	*2381-21-7*	*09/29/22 15:38*	*10/01/22 01:56*	*10*
Unknown	*3500*	*T J*	*ug/Kg*	☼	*13.90*	*N/A*	*09/29/22 15:38*	*10/01/22 01:56*	*10*
Benzo[e]pyrene	*17000*	*T J N*	*ug/Kg*	☼	*13.96*	*192-97-2*	*09/29/22 15:38*	*10/01/22 01:56*	*10*
Perylene	*9000*	*T J N*	*ug/Kg*	☼	*14.05*	*198-55-0*	*09/29/22 15:38*	*10/01/22 01:56*	*10*
Benzo[b]triphenylene	*3600*	*T J N*	*ug/Kg*	☼	*14.73*	*215-58-7*	*09/29/22 15:38*	*10/01/22 01:56*	*10*
Benzo[a]naphthacene	*4800*	*T J N*	*ug/Kg*	☼	*14.91*	*226-88-0*	*09/29/22 15:38*	*10/01/22 01:56*	*10*
Unknown	*7500*	*T J*	*ug/Kg*	☼	*14.93*	*N/A*	*09/29/22 15:38*	*10/01/22 01:56*	*10*
N-[4-Amino-3-nitrophenyl]-N-nitroso-4-chlorobenzylamine	*6600*	*T J N*	*ug/Kg*	☼	*15.15*	*1000213-60-7*	*09/29/22 15:38*	*10/01/22 01:56*	*10*
Pregnan-20-one, (5.alpha.)-	*6600*	*T J N*	*ug/Kg*	☼	*16.05*	*848-62-4*	*09/29/22 15:38*	*10/01/22 01:56*	*10*
Unknown	*5400*	*T J*	*ug/Kg*	☼	*16.13*	*N/A*	*09/29/22 15:38*	*10/01/22 01:56*	*10*
Unknown	*4400*	*T J*	*ug/Kg*	☼	*16.58*	*N/A*	*09/29/22 15:38*	*10/01/22 01:56*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*95*		*54 - 120*	*09/29/22 15:38*	*10/01/22 01:56*	*10*
2-Fluorobiphenyl	*99*		*60 - 120*	*09/29/22 15:38*	*10/01/22 01:56*	*10*
2-Fluorophenol	*87*		*52 - 120*	*09/29/22 15:38*	*10/01/22 01:56*	*10*
Nitrobenzene-d5	*75*		*53 - 120*	*09/29/22 15:38*	*10/01/22 01:56*	*10*
p-Terphenyl-d14	*102*		*79 - 130*	*09/29/22 15:38*	*10/01/22 01:56*	*10*
Phenol-d5	*78*		*54 - 120*	*09/29/22 15:38*	*10/01/22 01:56*	*10*

Client Sample Results

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-7 1-2'

Date Collected: 09/28/22 09:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-19

Matrix: Solid
Percent Solids: 63.5

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6570		15.4	6.8	mg/Kg	☼	09/29/22 11:46	10/01/22 00:01	1
Antimony	ND		23.1	0.61	mg/Kg	☼	09/29/22 11:46	10/01/22 00:01	1
Arsenic	9.4		3.1	0.61	mg/Kg	☼	09/29/22 11:46	10/01/22 00:01	1
Barium	115		0.77	0.17	mg/Kg	☼	09/29/22 11:46	10/01/22 00:01	1
Beryllium	0.59		0.31	0.043	mg/Kg	☼	09/29/22 11:46	10/01/22 00:01	1
Cadmium	0.36		0.31	0.046	mg/Kg	☼	09/29/22 11:46	10/01/22 00:01	1
Calcium	12600		76.9	5.1	mg/Kg	☼	09/29/22 11:46	10/01/22 00:01	1
Chromium	13.7		0.77	0.31	mg/Kg	☼	09/29/22 11:46	10/01/22 00:01	1
Cobalt	5.7		0.77	0.077	mg/Kg	☼	09/29/22 11:46	10/01/22 00:01	1
Copper	46.9		1.5	0.32	mg/Kg	☼	09/29/22 11:46	10/01/22 00:01	1
Iron	12700		15.4	5.4	mg/Kg	☼	09/29/22 11:46	10/01/22 00:01	1
Lead	482		1.5	0.37	mg/Kg	☼	09/29/22 11:46	10/01/22 00:01	1
Magnesium	5150	B	30.7	1.4	mg/Kg	☼	09/29/22 11:46	10/01/22 00:01	1
Manganese	211	B	0.31	0.049	mg/Kg	☼	09/29/22 11:46	10/01/22 00:01	1
Nickel	16.3		7.7	0.35	mg/Kg	☼	09/29/22 11:46	10/01/22 00:01	1
Potassium	1760		46.1	30.7	mg/Kg	☼	09/29/22 11:46	10/01/22 00:01	1
Selenium	2.1	J B	6.1	0.61	mg/Kg	☼	09/29/22 11:46	10/01/22 00:01	1
Silver	ND		0.92	0.31	mg/Kg	☼	09/29/22 11:46	10/01/22 00:01	1
Sodium	169	J B	215	20.0	mg/Kg	☼	09/29/22 11:46	10/01/22 00:01	1
Thallium	0.76	J	9.2	0.46	mg/Kg	☼	09/29/22 11:46	10/01/22 00:01	1
Vanadium	20.7		0.77	0.17	mg/Kg	☼	09/29/22 11:46	10/01/22 00:01	1
Zinc	122		3.1	0.98	mg/Kg	☼	09/29/22 11:46	10/01/22 00:01	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.91		0.031	0.0070	mg/Kg	☼	09/30/22 09:54	09/30/22 13:39	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-6 2-3'
Date Collected: 09/28/22 09:20
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-20
Matrix: Solid
Percent Solids: 62.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	**640**	**J**	2700	390	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
bis (2-chloroisopropyl) ether	ND		2700	530	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
2,4,5-Trichlorophenol	ND		2700	720	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
2,4,6-Trichlorophenol	ND		2700	530	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
2,4-Dichlorophenol	ND		2700	280	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
2,4-Dimethylphenol	ND		2700	640	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
2,4-Dinitrophenol	ND		26000	12000	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
2,4-Dinitrotoluene	ND		2700	550	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
2,6-Dinitrotoluene	ND		2700	310	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
2-Chloronaphthalene	ND		2700	440	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
1,4-Dioxane	ND		1600	860	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
2-Chlorophenol	ND		5100	480	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
2-Methylnaphthalene	**2700**		2700	530	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
2-Methylphenol	ND		2700	310	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
2-Nitroaniline	ND		5100	390	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
2-Nitrophenol	ND		2700	750	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
3,3'-Dichlorobenzidine	ND		5100	3100	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
3-Nitroaniline	ND		5100	730	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
4,6-Dinitro-2-methylphenol	ND		5100	2700	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
4-Bromophenyl phenyl ether	ND		2700	370	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
4-Chloro-3-methylphenol	ND		2700	660	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
4-Chloroaniline	ND		2700	660	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
4-Chlorophenyl phenyl ether	ND		2700	330	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
4-Methylphenol	ND		5100	310	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
4-Nitroaniline	ND		5100	1400	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
4-Nitrophenol	ND		5100	1900	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Acenaphthene	**9200**		2700	390	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Acenaphthylene	**4900**		2700	340	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Acetophenone	ND		2700	360	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Anthracene	**20000**		2700	660	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Atrazine	ND		2700	920	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Benzaldehyde	ND		2700	2100	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Benzo[a]anthracene	**42000**		2700	270	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Benzo[a]pyrene	**41000**		2700	390	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Benzo[b]fluoranthene	**43000**		2700	420	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Benzo[g,h,i]perylene	**20000**		2700	280	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Benzo[k]fluoranthene	**17000**		2700	340	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Bis(2-chloroethoxy)methane	ND		2700	560	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Bis(2-chloroethyl)ether	ND		2700	340	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Bis(2-ethylhexyl) phthalate	ND		2700	900	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Butyl benzyl phthalate	ND		2700	440	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Caprolactam	ND		2700	800	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Carbazole	**4700**		2700	310	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Chrysene	**41000**		2700	590	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Di-n-butyl phthalate	ND		2700	450	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Di-n-octyl phthalate	ND		2700	310	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Dibenz(a,h)anthracene	**5800**		2700	470	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Dibenzofuran	**6700**		2700	310	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Diethyl phthalate	ND		2700	340	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10

Client Sample ID: TP-6 2-3'
Date Collected: 09/28/22 09:20
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-20
Matrix: Solid
Percent Solids: 62.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		2700	310	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Fluoranthene	**100000**	**E**	2700	280	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Fluorene	**11000**		2700	310	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Hexachlorobenzene	ND		2700	360	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Hexachlorobutadiene	ND		2700	390	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Hexachlorocyclopentadiene	ND		2700	360	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Hexachloroethane	ND		2700	340	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Indeno[1,2,3-cd]pyrene	**20000**		2700	330	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Isophorone	ND		2700	560	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
N-Nitrosodi-n-propylamine	ND		2700	450	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
N-Nitrosodiphenylamine	ND		2700	2200	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Naphthalene	**4100**		2700	340	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Nitrobenzene	ND		2700	300	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Pentachlorophenol	ND		5100	2700	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Phenanthrene	**83000**		2700	390	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Phenol	ND		2700	410	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10
Pyrene	**67000**		2700	310	ug/Kg	☼	09/29/22 15:38	10/01/22 02:20	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Anthracene, 2-methyl-	*11000*	*T J N*	*ug/Kg*	☼	*11.00*	*613-12-7*	*09/29/22 15:38*	*10/01/22 02:20*	*10*
Anthracene, 9-methyl-	*15000*	*T J N*	*ug/Kg*	☼	*11.03*	*779-02-2*	*09/29/22 15:38*	*10/01/22 02:20*	*10*
1H-Indene, 2-phenyl-	*6900*	*T J N*	*ug/Kg*	☼	*11.07*	*4505-48-0*	*09/29/22 15:38*	*10/01/22 02:20*	*10*
Unknown	*20000*	*T J*	*ug/Kg*	☼	*11.10*	*N/A*	*09/29/22 15:38*	*10/01/22 02:20*	*10*
Phenanthrene, 1-methyl-	*9400*	*T J N*	*ug/Kg*	☼	*11.13*	*832-69-9*	*09/29/22 15:38*	*10/01/22 02:20*	*10*
Naphthalene, 2-phenyl-	*12000*	*T J N*	*ug/Kg*	☼	*11.29*	*612-94-2*	*09/29/22 15:38*	*10/01/22 02:20*	*10*
9,10-Dimethylanthracene	*8700*	*T J N*	*ug/Kg*	☼	*11.53*	*781-43-1*	*09/29/22 15:38*	*10/01/22 02:20*	*10*
Unknown	*5800*	*T J*	*ug/Kg*	☼	*11.56*	*N/A*	*09/29/22 15:38*	*10/01/22 02:20*	*10*
Unknown	*7900*	*T J*	*ug/Kg*	☼	*11.61*	*N/A*	*09/29/22 15:38*	*10/01/22 02:20*	*10*
Fluoranthene, 2-methyl-	*6600*	*T J N*	*ug/Kg*	☼	*12.16*	*33543-31-6*	*09/29/22 15:38*	*10/01/22 02:20*	*10*
Benzo[j]fluoranthene	*6300*	*T J N*	*ug/Kg*	☼	*13.83*	*205-82-3*	*09/29/22 15:38*	*10/01/22 02:20*	*10*
3,4-Epoxy-4a-ethyl-2,3,4,4a,5,6-hexa hydro-1H-pyrido[3,2-C]ca	*4900*	*T J N*	*ug/Kg*	☼	*13.91*	*80249-75-8*	*09/29/22 15:38*	*10/01/22 02:20*	*10*
Benzo[e]pyrene	*22000*	*T J N*	*ug/Kg*	☼	*13.96*	*192-97-2*	*09/29/22 15:38*	*10/01/22 02:20*	*10*
Perylene	*13000*	*T J N*	*ug/Kg*	☼	*14.06*	*198-55-0*	*09/29/22 15:38*	*10/01/22 02:20*	*10*
Benzo[b]triphenylene	*5800*	*T J N*	*ug/Kg*	☼	*14.73*	*215-58-7*	*09/29/22 15:38*	*10/01/22 02:20*	*10*
1,2:7,8-Dibenzophenanthrene	*7000*	*T J N*	*ug/Kg*	☼	*14.91*	*213-46-7*	*09/29/22 15:38*	*10/01/22 02:20*	*10*
Dibenzo[def,mno]chrysene	*7900*	*T J N*	*ug/Kg*	☼	*15.16*	*191-26-4*	*09/29/22 15:38*	*10/01/22 02:20*	*10*
Unknown	*6200*	*T J*	*ug/Kg*	☼	*15.59*	*N/A*	*09/29/22 15:38*	*10/01/22 02:20*	*10*
1,2:4,5-Dibenzopyrene	*8900*	*T J N*	*ug/Kg*	☼	*16.06*	*192-65-4*	*09/29/22 15:38*	*10/01/22 02:20*	*10*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*132*	*S1+*	*54 - 120*	*09/29/22 15:38*	*10/01/22 02:20*	*10*
2-Fluorobiphenyl	*96*		*60 - 120*	*09/29/22 15:38*	*10/01/22 02:20*	*10*
2-Fluorophenol	*68*		*52 - 120*	*09/29/22 15:38*	*10/01/22 02:20*	*10*
Nitrobenzene-d5	*73*		*53 - 120*	*09/29/22 15:38*	*10/01/22 02:20*	*10*
p-Terphenyl-d14	*114*		*79 - 130*	*09/29/22 15:38*	*10/01/22 02:20*	*10*
Phenol-d5	*79*		*54 - 120*	*09/29/22 15:38*	*10/01/22 02:20*	*10*

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-6 2-3'
Date Collected: 09/28/22 09:20
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-20
Matrix: Solid
Percent Solids: 62.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5300	780	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
bis (2-chloroisopropyl) ether	ND		5300	1100	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
2,4,5-Trichlorophenol	ND		5300	1400	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
2,4,6-Trichlorophenol	ND		5300	1100	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
2,4-Dichlorophenol	ND		5300	560	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
2,4-Dimethylphenol	ND		5300	1300	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
2,4-Dinitrophenol	ND		52000	24000	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
2,4-Dinitrotoluene	ND		5300	1100	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
2,6-Dinitrotoluene	ND		5300	620	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
2-Chloronaphthalene	ND		5300	870	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
1,4-Dioxane	ND		3100	1700	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
2-Chlorophenol	ND		10000	970	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
2-Methylnaphthalene	**2900**	**J**	5300	1100	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
2-Methylphenol	ND		5300	620	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
2-Nitroaniline	ND		10000	780	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
2-Nitrophenol	ND		5300	1500	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
3,3'-Dichlorobenzidine	ND		10000	6200	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
3-Nitroaniline	ND		10000	1500	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
4,6-Dinitro-2-methylphenol	ND		10000	5300	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
4-Bromophenyl phenyl ether	ND		5300	750	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
4-Chloro-3-methylphenol	ND		5300	1300	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
4-Chloroaniline	ND		5300	1300	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
4-Chlorophenyl phenyl ether	ND		5300	660	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
4-Methylphenol	ND		10000	620	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
4-Nitroaniline	ND		10000	2800	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
4-Nitrophenol	ND		10000	3700	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Acenaphthene	**9600**		5300	780	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Acenaphthylene	**4500**	**J**	5300	690	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Acetophenone	ND		5300	720	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Anthracene	**21000**		5300	1300	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Atrazine	ND		5300	1800	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Benzaldehyde	ND		5300	4200	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Benzo[a]anthracene	**46000**		5300	530	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Benzo[a]pyrene	**45000**		5300	780	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Benzo[b]fluoranthene	**49000**		5300	840	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Benzo[g,h,i]perylene	**23000**		5300	560	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Benzo[k]fluoranthene	**18000**		5300	690	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Bis(2-chloroethoxy)methane	ND		5300	1100	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Bis(2-chloroethyl)ether	ND		5300	690	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Bis(2-ethylhexyl) phthalate	ND		5300	1800	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Butyl benzyl phthalate	ND		5300	870	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Caprolactam	ND		5300	1600	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Carbazole	**4900**	**J**	5300	620	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Chrysene	**45000**		5300	1200	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Di-n-butyl phthalate	ND		5300	900	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Di-n-octyl phthalate	ND		5300	620	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Dibenz(a,h)anthracene	**7700**		5300	940	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Dibenzofuran	**7100**		5300	620	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Diethyl phthalate	ND		5300	690	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20

Client Sample ID: TP-6 2-3'
Date Collected: 09/28/22 09:20
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-20
Matrix: Solid
Percent Solids: 62.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		5300	620	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Fluoranthene	**100000**		5300	560	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Fluorene	**11000**		5300	620	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Hexachlorobenzene	ND		5300	720	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Hexachlorobutadiene	ND		5300	780	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Hexachlorocyclopentadiene	ND		5300	720	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Hexachloroethane	ND		5300	690	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Indeno[1,2,3-cd]pyrene	**21000**		5300	660	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Isophorone	ND		5300	1100	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
N-Nitrosodi-n-propylamine	ND		5300	900	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
N-Nitrosodiphenylamine	ND		5300	4300	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Naphthalene	**4100**	**J**	5300	690	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Nitrobenzene	ND		5300	590	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Pentachlorophenol	ND		10000	5300	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Phenanthrene	**89000**		5300	780	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Phenol	ND		5300	810	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20
Pyrene	**79000**		5300	620	ug/Kg	☼	09/29/22 15:38	10/03/22 14:13	20

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Anthracene, 1-methyl-	*12000*	*T J N*	*ug/Kg*	☼	*10.99*	*610-48-0*	*09/29/22 15:38*	*10/03/22 14:13*	*20*
Anthracene, 2-methyl-	*16000*	*T J N*	*ug/Kg*	☼	*11.02*	*613-12-7*	*09/29/22 15:38*	*10/03/22 14:13*	*20*
1H-Indene, 2-phenyl-	*6900*	*T J N*	*ug/Kg*	☼	*11.07*	*4505-48-0*	*09/29/22 15:38*	*10/03/22 14:13*	*20*
4H-Cyclopenta[def]phenanthrene	*21000*	*T J N*	*ug/Kg*	☼	*11.09*	*203-64-5*	*09/29/22 15:38*	*10/03/22 14:13*	*20*
Phenanthrene, 4-methyl-	*8800*	*T J N*	*ug/Kg*	☼	*11.12*	*832-64-4*	*09/29/22 15:38*	*10/03/22 14:13*	*20*
Unknown	*14000*	*T J*	*ug/Kg*	☼	*11.29*	*N/A*	*09/29/22 15:38*	*10/03/22 14:13*	*20*
9,10-Dimethylanthracene	*9200*	*T J N*	*ug/Kg*	☼	*11.52*	*781-43-1*	*09/29/22 15:38*	*10/03/22 14:13*	*20*
Unknown	*9700*	*T J*	*ug/Kg*	☼	*11.60*	*N/A*	*09/29/22 15:38*	*10/03/22 14:13*	*20*
Fluoranthene, 2-methyl-	*11000*	*T J N*	*ug/Kg*	☼	*12.15*	*33543-31-6*	*09/29/22 15:38*	*10/03/22 14:13*	*20*
Benzo[j]fluoranthene	*28000*	*T J N*	*ug/Kg*	☼	*13.95*	*205-82-3*	*09/29/22 15:38*	*10/03/22 14:13*	*20*
Benzo[e]pyrene	*14000*	*T J N*	*ug/Kg*	☼	*14.05*	*192-97-2*	*09/29/22 15:38*	*10/03/22 14:13*	*20*
Unknown	*10000*	*T J*	*ug/Kg*	☼	*14.16*	*N/A*	*09/29/22 15:38*	*10/03/22 14:13*	*20*
Unknown	*7800*	*T J*	*ug/Kg*	☼	*14.90*	*N/A*	*09/29/22 15:38*	*10/03/22 14:13*	*20*
Indeno[1,2,3-cd]fluoranthene	*13000*	*T J N*	*ug/Kg*	☼	*15.14*	*193-43-1*	*09/29/22 15:38*	*10/03/22 14:13*	*20*
1,2:3,4-Dibenzopyrene	*15000*	*T J N*	*ug/Kg*	☼	*16.04*	*191-30-0*	*09/29/22 15:38*	*10/03/22 14:13*	*20*
Unknown	*11000*	*T J*	*ug/Kg*	☼	*16.12*	*N/A*	*09/29/22 15:38*	*10/03/22 14:13*	*20*
Unknown	*10000*	*T J*	*ug/Kg*	☼	*16.16*	*N/A*	*09/29/22 15:38*	*10/03/22 14:13*	*20*
1,2:4,5-Dibenzopyrene	*7400*	*T J N*	*ug/Kg*	☼	*16.53*	*192-65-4*	*09/29/22 15:38*	*10/03/22 14:13*	*20*
Unknown	*12000*	*T J*	*ug/Kg*	☼	*16.57*	*N/A*	*09/29/22 15:38*	*10/03/22 14:13*	*20*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*110*		*54 - 120*	*09/29/22 15:38*	*10/03/22 14:13*	*20*
2-Fluorobiphenyl	*87*		*60 - 120*	*09/29/22 15:38*	*10/03/22 14:13*	*20*
2-Fluorophenol	*78*		*52 - 120*	*09/29/22 15:38*	*10/03/22 14:13*	*20*
Nitrobenzene-d5	*55*		*53 - 120*	*09/29/22 15:38*	*10/03/22 14:13*	*20*
p-Terphenyl-d14	*137*	*S1+*	*79 - 130*	*09/29/22 15:38*	*10/03/22 14:13*	*20*
Phenol-d5	*80*		*54 - 120*	*09/29/22 15:38*	*10/03/22 14:13*	*20*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10400**		16.7	7.3	mg/Kg	☼	09/29/22 11:46	10/01/22 00:05	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-6 2-3'
Date Collected: 09/28/22 09:20
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-20
Matrix: Solid
Percent Solids: 62.6

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	2.0	J	25.0	0.67	mg/Kg	☼	09/29/22 11:46	10/01/22 00:05	1
Arsenic	9.9		3.3	0.67	mg/Kg	☼	09/29/22 11:46	10/01/22 00:05	1
Barium	98.9		0.83	0.18	mg/Kg	☼	09/29/22 11:46	10/01/22 00:05	1
Beryllium	0.74		0.33	0.047	mg/Kg	☼	09/29/22 11:46	10/01/22 00:05	1
Cadmium	0.96		0.33	0.050	mg/Kg	☼	09/29/22 11:46	10/01/22 00:05	1
Calcium	10200		83.3	5.5	mg/Kg	☼	09/29/22 11:46	10/01/22 00:05	1
Chromium	20.0		0.83	0.33	mg/Kg	☼	09/29/22 11:46	10/01/22 00:05	1
Cobalt	13.8		0.83	0.083	mg/Kg	☼	09/29/22 11:46	10/01/22 00:05	1
Copper	188		1.7	0.35	mg/Kg	☼	09/29/22 11:46	10/01/22 00:05	1
Iron	17200		16.7	5.8	mg/Kg	☼	09/29/22 11:46	10/01/22 00:05	1
Lead	190		1.7	0.40	mg/Kg	☼	09/29/22 11:46	10/01/22 00:05	1
Magnesium	6040	B	33.3	1.5	mg/Kg	☼	09/29/22 11:46	10/01/22 00:05	1
Manganese	218	B	0.33	0.053	mg/Kg	☼	09/29/22 11:46	10/01/22 00:05	1
Nickel	29.1		8.3	0.38	mg/Kg	☼	09/29/22 11:46	10/01/22 00:05	1
Potassium	2690		50.0	33.3	mg/Kg	☼	09/29/22 11:46	10/01/22 00:05	1
Selenium	1.2	J B	6.7	0.67	mg/Kg	☼	09/29/22 11:46	10/01/22 00:05	1
Silver	ND		1.0	0.33	mg/Kg	☼	09/29/22 11:46	10/01/22 00:05	1
Sodium	197	J B	233	21.7	mg/Kg	☼	09/29/22 11:46	10/01/22 00:05	1
Thallium	0.92	J	10	0.50	mg/Kg	☼	09/29/22 11:46	10/01/22 00:05	1
Vanadium	21.9		0.83	0.18	mg/Kg	☼	09/29/22 11:46	10/01/22 00:05	1
Zinc	581		3.3	1.1	mg/Kg	☼	09/29/22 11:46	10/01/22 00:05	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.27		0.028	0.0063	mg/Kg	☼	09/30/22 09:54	09/30/22 13:40	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-5 4-5'
Date Collected: 09/28/22 10:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-21
Matrix: Solid
Percent Solids: 73.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1200	170	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
bis (2-chloroisopropyl) ether	ND		1200	230	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
2,4,5-Trichlorophenol	ND		1200	310	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
2,4,6-Trichlorophenol	ND		1200	230	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
2,4-Dichlorophenol	ND		1200	120	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
2,4-Dimethylphenol	ND		1200	280	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
2,4-Dinitrophenol	ND		11000	5300	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
2,4-Dinitrotoluene	ND		1200	240	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
2,6-Dinitrotoluene	ND		1200	140	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
2-Chloronaphthalene	ND		1200	190	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
1,4-Dioxane	ND		680	370	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
2-Chlorophenol	ND		2200	210	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
2-Methylnaphthalene	ND		1200	230	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
2-Methylphenol	ND		1200	140	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
2-Nitroaniline	ND		2200	170	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
2-Nitrophenol	ND		1200	320	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
3,3'-Dichlorobenzidine	ND		2200	1400	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
3-Nitroaniline	ND		2200	320	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
4,6-Dinitro-2-methylphenol	ND		2200	1200	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
4-Bromophenyl phenyl ether	ND		1200	160	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
4-Chloro-3-methylphenol	ND		1200	280	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
4-Chloroaniline	ND		1200	280	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
4-Chlorophenyl phenyl ether	ND		1200	140	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
4-Methylphenol	ND		2200	140	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
4-Nitroaniline	ND		2200	600	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
4-Nitrophenol	ND		2200	810	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Acenaphthene	**180**	**J**	1200	170	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Acenaphthylene	ND		1200	150	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Acetophenone	ND		1200	160	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Anthracene	ND		1200	280	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Atrazine	ND		1200	400	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Benzaldehyde	ND		1200	910	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Benzo[a]anthracene	**830**	**J**	1200	120	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Benzo[a]pyrene	**820**	**J**	1200	170	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Benzo[b]fluoranthene	**1100**	**J**	1200	180	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Benzo[g,h,i]perylene	**550**	**J**	1200	120	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Benzo[k]fluoranthene	**490**	**J**	1200	150	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Bis(2-chloroethoxy)methane	ND		1200	240	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Bis(2-chloroethyl)ether	ND		1200	150	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Bis(2-ethylhexyl) phthalate	ND		1200	390	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Butyl benzyl phthalate	ND		1200	190	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Caprolactam	ND		1200	350	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Carbazole	ND		1200	140	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Chrysene	**1000**	**J**	1200	260	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Di-n-butyl phthalate	ND		1200	200	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Di-n-octyl phthalate	ND		1200	140	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Dibenz(a,h)anthracene	ND		1200	200	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Dibenzofuran	ND		1200	140	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Diethyl phthalate	**190**	**J B**	1200	150	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5

Client Sample ID: TP-5 4-5'
Date Collected: 09/28/22 10:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-21
Matrix: Solid
Percent Solids: 73.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		1200	140	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Fluoranthene	**1900**		1200	120	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Fluorene	ND		1200	140	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Hexachlorobenzene	ND		1200	160	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Hexachlorobutadiene	ND		1200	170	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Hexachlorocyclopentadiene	ND		1200	160	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Hexachloroethane	ND		1200	150	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Indeno[1,2,3-cd]pyrene	**520**	**J**	1200	140	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Isophorone	ND		1200	240	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
N-Nitrosodi-n-propylamine	ND		1200	200	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
N-Nitrosodiphenylamine	ND		1200	930	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Naphthalene	ND		1200	150	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Nitrobenzene	ND		1200	130	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Pentachlorophenol	ND		2200	1200	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Phenanthrene	**1100**	**J**	1200	170	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Phenol	ND		1200	180	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5
Pyrene	**1500**		1200	140	ug/Kg	☼	09/29/22 15:44	09/30/22 18:56	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*09/29/22 15:44*	*09/30/22 18:56*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*92*		*54 - 120*	*09/29/22 15:44*	*09/30/22 18:56*	*5*
2-Fluorobiphenyl	*86*		*60 - 120*	*09/29/22 15:44*	*09/30/22 18:56*	*5*
2-Fluorophenol	*59*		*52 - 120*	*09/29/22 15:44*	*09/30/22 18:56*	*5*
Nitrobenzene-d5	*70*		*53 - 120*	*09/29/22 15:44*	*09/30/22 18:56*	*5*
p-Terphenyl-d14	*107*		*79 - 130*	*09/29/22 15:44*	*09/30/22 18:56*	*5*
Phenol-d5	*68*		*54 - 120*	*09/29/22 15:44*	*09/30/22 18:56*	*5*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8390**		14.1	6.2	mg/Kg	☼	09/29/22 11:46	10/01/22 00:28	1
Antimony	**3.7**	**J**	21.1	0.56	mg/Kg	☼	09/29/22 11:46	10/01/22 00:28	1
Arsenic	**27.4**		2.8	0.56	mg/Kg	☼	09/29/22 11:46	10/01/22 00:28	1
Barium	**206**		0.70	0.15	mg/Kg	☼	09/29/22 11:46	10/01/22 00:28	1
Beryllium	**0.98**		0.28	0.039	mg/Kg	☼	09/29/22 11:46	10/01/22 00:28	1
Cadmium	**1.3**		0.28	0.042	mg/Kg	☼	09/29/22 11:46	10/01/22 00:28	1
Calcium	**6360**		70.3	4.6	mg/Kg	☼	09/29/22 11:46	10/01/22 00:28	1
Chromium	**25.6**		0.70	0.28	mg/Kg	☼	09/29/22 11:46	10/01/22 00:28	1
Cobalt	**11.6**		0.70	0.070	mg/Kg	☼	09/29/22 11:46	10/01/22 00:28	1
Copper	**158**		1.4	0.30	mg/Kg	☼	09/29/22 11:46	10/01/22 00:28	1
Iron	**74500**	**B**	14.1	4.9	mg/Kg	☼	09/29/22 11:46	10/01/22 00:28	1
Lead	**341**		1.4	0.34	mg/Kg	☼	09/29/22 11:46	10/01/22 00:28	1
Magnesium	**2510**	**B**	28.1	1.3	mg/Kg	☼	09/29/22 11:46	10/01/22 00:28	1
Manganese	**489**		0.28	0.045	mg/Kg	☼	09/29/22 11:46	10/01/22 00:28	1
Nickel	**32.0**		7.0	0.32	mg/Kg	☼	09/29/22 11:46	10/01/22 00:28	1
Potassium	**1550**		42.2	28.1	mg/Kg	☼	09/29/22 11:46	10/01/22 00:28	1
Selenium	**2.3**	**J**	5.6	0.56	mg/Kg	☼	09/29/22 11:46	10/01/22 00:28	1
Silver	ND		0.84	0.28	mg/Kg	☼	09/29/22 11:46	10/01/22 00:28	1
Sodium	**180**	**J**	197	18.3	mg/Kg	☼	09/29/22 11:46	10/03/22 12:44	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-5 4-5'
Date Collected: 09/28/22 10:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-21
Matrix: Solid
Percent Solids: 73.0

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	1.4	J	8.4	0.42	mg/Kg	☼	09/29/22 11:46	10/01/22 00:28	1
Vanadium	33.0		0.70	0.15	mg/Kg	☼	09/29/22 11:46	10/01/22 00:28	1
Zinc	498	B	2.8	0.90	mg/Kg	☼	09/29/22 11:46	10/01/22 00:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.37		0.028	0.0065	mg/Kg	☼	09/30/22 09:54	09/30/22 13:44	1

Client Sample ID: TP-4 2-3'
Date Collected: 09/28/22 10:20
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-22
Matrix: Solid
Percent Solids: 76.3

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1100	160	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
bis (2-chloroisopropyl) ether	ND		1100	220	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
2,4,5-Trichlorophenol	ND		1100	300	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
2,4,6-Trichlorophenol	ND		1100	220	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
2,4-Dichlorophenol	ND		1100	120	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
2,4-Dimethylphenol	ND		1100	260	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
2,4-Dinitrophenol	ND		11000	5100	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
2,4-Dinitrotoluene	ND		1100	230	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
2,6-Dinitrotoluene	ND		1100	130	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
2-Chloronaphthalene	ND		1100	180	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
1,4-Dioxane	ND		640	350	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
2-Chlorophenol	ND		2100	200	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
2-Methylnaphthalene	ND		1100	220	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
2-Methylphenol	ND		1100	130	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
2-Nitroaniline	ND		2100	160	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
2-Nitrophenol	ND		1100	310	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
3,3'-Dichlorobenzidine	ND		2100	1300	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
3-Nitroaniline	ND		2100	300	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
4,6-Dinitro-2-methylphenol	ND		2100	1100	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
4-Bromophenyl phenyl ether	ND		1100	150	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
4-Chloro-3-methylphenol	ND		1100	270	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
4-Chloroaniline	ND		1100	270	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
4-Chlorophenyl phenyl ether	ND		1100	140	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
4-Methylphenol	ND		2100	130	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
4-Nitroaniline	ND		2100	570	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
4-Nitrophenol	ND		2100	770	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Acenaphthene	ND		1100	160	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Acenaphthylene	ND		1100	140	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Acetophenone	ND		1100	150	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Anthracene	**480**	**J**	1100	270	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Atrazine	ND		1100	380	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Benzaldehyde	ND		1100	870	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Benzo[a]anthracene	**2300**		1100	110	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Benzo[a]pyrene	**2700**		1100	160	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Benzo[b]fluoranthene	**3500**		1100	170	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Benzo[g,h,i]perylene	**1300**		1100	120	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Benzo[k]fluoranthene	**1600**		1100	140	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Bis(2-chloroethoxy)methane	ND		1100	230	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Bis(2-chloroethyl)ether	ND		1100	140	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Bis(2-ethylhexyl) phthalate	ND		1100	370	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Butyl benzyl phthalate	ND		1100	180	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Caprolactam	ND		1100	330	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Carbazole	**240**	**J**	1100	130	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Chrysene	**2800**		1100	250	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Di-n-butyl phthalate	ND		1100	190	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Di-n-octyl phthalate	ND		1100	130	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Dibenz(a,h)anthracene	**450**	**J**	1100	190	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Dibenzofuran	ND		1100	130	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Diethyl phthalate	ND		1100	140	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5

Client Sample ID: TP-4 2-3'
Date Collected: 09/28/22 10:20
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-22
Matrix: Solid
Percent Solids: 76.3

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		1100	130	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Fluoranthene	**3700**		1100	120	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Fluorene	ND		1100	130	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Hexachlorobenzene	ND		1100	150	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Hexachlorobutadiene	ND		1100	160	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Hexachlorocyclopentadiene	ND		1100	150	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Hexachloroethane	ND		1100	140	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Indeno[1,2,3-cd]pyrene	**1400**		1100	140	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Isophorone	ND		1100	230	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
N-Nitrosodi-n-propylamine	ND		1100	190	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
N-Nitrosodiphenylamine	ND		1100	890	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Naphthalene	ND		1100	140	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Nitrobenzene	ND		1100	120	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Pentachlorophenol	ND		2100	1100	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Phenanthrene	**1900**		1100	160	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Phenol	ND		1100	170	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5
Pyrene	**3400**		1100	130	ug/Kg	☼	09/29/22 15:44	09/30/22 19:21	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Methylene Chloride	*12000*	*T J N*	*ug/Kg*	☼	*1.60*	*75-09-2*	*09/29/22 15:44*	*09/30/22 19:21*	*5*
Unknown	*940*	*T J*	*ug/Kg*	☼	*2.95*	*N/A*	*09/29/22 15:44*	*09/30/22 19:21*	*5*
Fluoranthene, 2-methyl-	*900*	*T J N*	*ug/Kg*	☼	*12.26*	*33543-31-6*	*09/29/22 15:44*	*09/30/22 19:21*	*5*
Benzo[e]pyrene	*1700*	*T J N*	*ug/Kg*	☼	*14.06*	*192-97-2*	*09/29/22 15:44*	*09/30/22 19:21*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*98*		*54 - 120*	*09/29/22 15:44*	*09/30/22 19:21*	*5*
2-Fluorobiphenyl	*104*		*60 - 120*	*09/29/22 15:44*	*09/30/22 19:21*	*5*
2-Fluorophenol	*83*		*52 - 120*	*09/29/22 15:44*	*09/30/22 19:21*	*5*
Nitrobenzene-d5	*95*		*53 - 120*	*09/29/22 15:44*	*09/30/22 19:21*	*5*
p-Terphenyl-d14	*124*		*79 - 130*	*09/29/22 15:44*	*09/30/22 19:21*	*5*
Phenol-d5	*92*		*54 - 120*	*09/29/22 15:44*	*09/30/22 19:21*	*5*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10400**		13.9	6.1	mg/Kg	☼	09/29/22 11:46	10/01/22 00:32	1
Antimony	**5.8**	**J**	20.8	0.55	mg/Kg	☼	09/29/22 11:46	10/01/22 00:32	1
Arsenic	**18.3**		2.8	0.55	mg/Kg	☼	09/29/22 11:46	10/01/22 00:32	1
Barium	**147**		0.69	0.15	mg/Kg	☼	09/29/22 11:46	10/01/22 00:32	1
Beryllium	**0.78**		0.28	0.039	mg/Kg	☼	09/29/22 11:46	10/01/22 00:32	1
Cadmium	**1.0**		0.28	0.042	mg/Kg	☼	09/29/22 11:46	10/01/22 00:32	1
Calcium	**16800**		69.3	4.6	mg/Kg	☼	09/29/22 11:46	10/01/22 00:32	1
Chromium	**22.9**		0.69	0.28	mg/Kg	☼	09/29/22 11:46	10/01/22 00:32	1
Cobalt	**10**		0.69	0.069	mg/Kg	☼	09/29/22 11:46	10/01/22 00:32	1
Copper	**58.6**		1.4	0.29	mg/Kg	☼	09/29/22 11:46	10/01/22 00:32	1
Iron	**62200**	**B**	13.9	4.9	mg/Kg	☼	09/29/22 11:46	10/01/22 00:32	1
Lead	**316**		1.4	0.33	mg/Kg	☼	09/29/22 11:46	10/01/22 00:32	1
Magnesium	**8590**	**B**	27.7	1.3	mg/Kg	☼	09/29/22 11:46	10/01/22 00:32	1
Manganese	**755**		0.28	0.044	mg/Kg	☼	09/29/22 11:46	10/01/22 00:32	1
Nickel	**25.3**		6.9	0.32	mg/Kg	☼	09/29/22 11:46	10/01/22 00:32	1
Potassium	**2920**		41.6	27.7	mg/Kg	☼	09/29/22 11:46	10/01/22 00:32	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-4 2-3'
Date Collected: 09/28/22 10:20
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-22
Matrix: Solid
Percent Solids: 76.3

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	2.3	J	5.5	0.55	mg/Kg	☼	09/29/22 11:46	10/01/22 00:32	1
Silver	ND		0.83	0.28	mg/Kg	☼	09/29/22 11:46	10/01/22 00:32	1
Sodium	240		194	18.0	mg/Kg	☼	09/29/22 11:46	10/03/22 12:48	1
Thallium	1.5	J	8.3	0.42	mg/Kg	☼	09/29/22 11:46	10/01/22 00:32	1
Vanadium	32.4		0.69	0.15	mg/Kg	☼	09/29/22 11:46	10/01/22 00:32	1
Zinc	229	B	2.8	0.89	mg/Kg	☼	09/29/22 11:46	10/01/22 00:32	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.19		0.025	0.0056	mg/Kg	☼	09/30/22 09:54	09/30/22 13:52	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-3 2-3'
Date Collected: 09/28/22 10:45
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-23
Matrix: Solid
Percent Solids: 79.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1100	150	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
bis (2-chloroisopropyl) ether	ND		1100	210	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
2,4,5-Trichlorophenol	ND		1100	290	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
2,4,6-Trichlorophenol	ND		1100	210	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
2,4-Dichlorophenol	ND		1100	110	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
2,4-Dimethylphenol	ND		1100	250	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
2,4-Dinitrophenol	ND		10000	4900	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
2,4-Dinitrotoluene	ND		1100	220	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
2,6-Dinitrotoluene	ND		1100	120	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
2-Chloronaphthalene	ND		1100	170	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
1,4-Dioxane	ND		620	340	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
2-Chlorophenol	ND		2000	190	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
2-Methylnaphthalene	ND		1100	210	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
2-Methylphenol	ND		1100	120	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
2-Nitroaniline	ND		2000	150	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
2-Nitrophenol	ND		1100	300	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
3,3'-Dichlorobenzidine	ND		2000	1200	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
3-Nitroaniline	ND		2000	290	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
4,6-Dinitro-2-methylphenol	ND		2000	1100	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
4-Bromophenyl phenyl ether	ND		1100	150	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
4-Chloro-3-methylphenol	ND		1100	260	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
4-Chloroaniline	ND		1100	260	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
4-Chlorophenyl phenyl ether	ND		1100	130	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
4-Methylphenol	ND		2000	120	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
4-Nitroaniline	ND		2000	550	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
4-Nitrophenol	ND		2000	740	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Acenaphthene	ND		1100	150	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Acenaphthylene	ND		1100	140	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Acetophenone	ND		1100	140	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Anthracene	ND		1100	260	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Atrazine	ND		1100	370	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Benzaldehyde	ND		1100	840	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Benzo[a]anthracene	**650**	**J**	1100	110	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Benzo[a]pyrene	**710**	**J**	1100	150	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Benzo[b]fluoranthene	**720**	**J**	1100	170	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Benzo[g,h,i]perylene	**460**	**J**	1100	110	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Benzo[k]fluoranthene	**430**	**J**	1100	140	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Bis(2-chloroethoxy)methane	ND		1100	220	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Bis(2-chloroethyl)ether	ND		1100	140	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Bis(2-ethylhexyl) phthalate	ND		1100	360	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Butyl benzyl phthalate	ND		1100	170	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Caprolactam	ND		1100	320	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Carbazole	ND		1100	120	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Chrysene	**780**	**J**	1100	240	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Di-n-butyl phthalate	ND		1100	180	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Di-n-octyl phthalate	ND		1100	120	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Dibenz(a,h)anthracene	ND		1100	190	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Dibenzofuran	ND		1100	120	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Diethyl phthalate	ND		1100	140	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5

Client Sample ID: TP-3 2-3'
Date Collected: 09/28/22 10:45
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-23
Matrix: Solid
Percent Solids: 79.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		1100	120	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Fluoranthene	**1400**		1100	110	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Fluorene	ND		1100	120	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Hexachlorobenzene	ND		1100	140	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Hexachlorobutadiene	ND		1100	150	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Hexachlorocyclopentadiene	ND		1100	140	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Hexachloroethane	ND		1100	140	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Indeno[1,2,3-cd]pyrene	**390**	**J**	1100	130	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Isophorone	ND		1100	220	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
N-Nitrosodi-n-propylamine	ND		1100	180	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
N-Nitrosodiphenylamine	ND		1100	860	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Naphthalene	ND		1100	140	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Nitrobenzene	ND		1100	120	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Pentachlorophenol	ND		2000	1100	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Phenanthrene	**1100**		1100	150	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Phenol	ND		1100	160	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5
Pyrene	**1300**		1100	120	ug/Kg	☼	09/29/22 15:44	09/30/22 19:45	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*09/29/22 15:44*	*09/30/22 19:45*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*90*		*54 - 120*	*09/29/22 15:44*	*09/30/22 19:45*	*5*
2-Fluorobiphenyl	*94*		*60 - 120*	*09/29/22 15:44*	*09/30/22 19:45*	*5*
2-Fluorophenol	*68*		*52 - 120*	*09/29/22 15:44*	*09/30/22 19:45*	*5*
Nitrobenzene-d5	*69*		*53 - 120*	*09/29/22 15:44*	*09/30/22 19:45*	*5*
p-Terphenyl-d14	*104*		*79 - 130*	*09/29/22 15:44*	*09/30/22 19:45*	*5*
Phenol-d5	*70*		*54 - 120*	*09/29/22 15:44*	*09/30/22 19:45*	*5*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5370**	**F1 F2**	12.7	5.6	mg/Kg	☼	09/29/22 11:46	10/01/22 00:36	1
Antimony	**1.6**	**J**	19.1	0.51	mg/Kg	☼	09/29/22 11:46	10/01/22 00:36	1
Arsenic	**9.2**		2.5	0.51	mg/Kg	☼	09/29/22 11:46	10/01/22 00:36	1
Barium	**87.8**	**F1 F2**	0.64	0.14	mg/Kg	☼	09/29/22 11:46	10/01/22 00:36	1
Beryllium	**0.65**		0.25	0.036	mg/Kg	☼	09/29/22 11:46	10/01/22 00:36	1
Cadmium	**0.31**		0.25	0.038	mg/Kg	☼	09/29/22 11:46	10/01/22 00:36	1
Calcium	**9620**	**F1**	63.6	4.2	mg/Kg	☼	09/29/22 11:46	10/01/22 00:36	1
Chromium	**27.9**	**F1 F2**	0.64	0.25	mg/Kg	☼	09/29/22 11:46	10/01/22 00:36	1
Cobalt	**8.8**		0.64	0.064	mg/Kg	☼	09/29/22 11:46	10/01/22 00:36	1
Copper	**39.2**		1.3	0.27	mg/Kg	☼	09/29/22 11:46	10/01/22 00:36	1
Iron	**17700**	**F2 B**	12.7	4.5	mg/Kg	☼	09/29/22 11:46	10/01/22 00:36	1
Lead	**54.3**	**F1 F2**	1.3	0.31	mg/Kg	☼	09/29/22 11:46	10/01/22 00:36	1
Magnesium	**1930**	**F1 F2 B**	25.4	1.2	mg/Kg	☼	09/29/22 11:46	10/01/22 00:36	1
Manganese	**129**	**F1 F2**	0.25	0.041	mg/Kg	☼	09/29/22 11:46	10/01/22 00:36	1
Nickel	**29.1**	**F1**	6.4	0.29	mg/Kg	☼	09/29/22 11:46	10/01/22 00:36	1
Potassium	**878**		38.2	25.4	mg/Kg	☼	09/29/22 11:46	10/01/22 00:36	1
Selenium	**0.86**	**J**	5.1	0.51	mg/Kg	☼	09/29/22 11:46	10/01/22 00:36	1
Silver	ND		0.76	0.25	mg/Kg	☼	09/29/22 11:46	10/01/22 00:36	1
Sodium	**299**		178	16.5	mg/Kg	☼	09/29/22 11:46	10/03/22 12:52	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-3 2-3'
Date Collected: 09/28/22 10:45
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-23
Matrix: Solid
Percent Solids: 79.6

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	2.2	J	7.6	0.38	mg/Kg	☼	09/29/22 11:46	10/01/22 00:36	1
Vanadium	17.5	F1 F2	0.64	0.14	mg/Kg	☼	09/29/22 11:46	10/01/22 00:36	1
Zinc	62.8	F1 B	2.5	0.81	mg/Kg	☼	09/29/22 11:46	10/01/22 00:36	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11		0.026	0.0059	mg/Kg	☼	09/30/22 09:54	09/30/22 13:54	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-2 2-3'
Date Collected: 09/28/22 11:05
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-24
Matrix: Solid
Percent Solids: 63.9

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	7.7	0.56	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
1,1,2,2-Tetrachloroethane	ND	*3 F1 vs	7.7	1.2	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	7.7	1.7	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
1,1,2-Trichloroethane	ND	F1 vs	7.7	0.99	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
1,1-Dichloroethane	ND	vs	7.7	0.93	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
1,1-Dichloroethene	ND	vs	7.7	0.94	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
1,2,4-Trichlorobenzene	ND	*3 F1 vs	7.7	0.47	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
1,2,4-Trimethylbenzene	ND	*3 F2 vs	7.7	1.5	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
1,2-Dibromo-3-Chloropropane	ND	*3 F1 vs	7.7	3.8	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
1,2-Dichlorobenzene	ND	*3 F1 vs	7.7	0.60	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
1,2-Dichloroethane	ND	F1 vs	7.7	0.38	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
1,2-Dichloropropane	ND	vs	7.7	3.8	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
1,3,5-Trimethylbenzene	ND	*3 F1 F2 vs	7.7	0.49	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
1,3-Dichlorobenzene	ND	*3 F1 vs	7.7	0.39	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
1,4-Dichlorobenzene	ND	*3 F1 vs	7.7	1.1	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
2-Butanone (MEK)	**140**	**F1 vs**	38	2.8	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
2-Hexanone	ND	vs	38	3.8	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
4-Isopropyltoluene	ND	*3 F1 F2 vs	7.7	0.61	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
4-Methyl-2-pentanone (MIBK)	ND	vs	38	2.5	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Acetone	**750**	**F1 vs**	38	6.4	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Benzene	ND	F1 vs	7.7	0.38	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Bromoform	ND	F1 vs	7.7	3.8	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Bromomethane	ND	vs	7.7	0.69	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Carbon disulfide	**5.6**	**J F1 vs**	7.7	3.8	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Carbon tetrachloride	ND	vs	7.7	0.74	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Chlorobenzene	ND	F1 vs	7.7	1.0	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Dibromochloromethane	ND	F1 vs	7.7	0.98	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Chloroethane	ND	vs	7.7	1.7	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Chloroform	ND	F1 vs	7.7	0.47	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Chloromethane	ND	vs	7.7	0.46	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
cis-1,2-Dichloroethene	ND	F1 vs	7.7	0.98	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Cyclohexane	ND	vs	7.7	1.1	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Bromodichloromethane	ND	F1 vs	7.7	1.0	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Dichlorodifluoromethane	ND	vs	7.7	0.63	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Ethylbenzene	ND	F1 vs	7.7	0.53	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
1,2-Dibromoethane	ND	F1 vs	7.7	0.98	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Isopropylbenzene	ND	*3 F1 F2 vs	7.7	1.2	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Methyl acetate	ND	vs	38	4.6	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Methyl tert-butyl ether	ND	vs	7.7	0.75	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Methylcyclohexane	ND	F1 vs	7.7	1.2	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Methylene Chloride	ND	vs	7.7	3.5	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
m,p-Xylene	ND	F1 vs	15	1.3	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Naphthalene	ND	*3 F1 vs	7.7	1.0	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
n-Butylbenzene	ND	*3 F1 vs	7.7	0.67	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
N-Propylbenzene	ND	*3 F2 vs	7.7	0.61	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
o-Xylene	ND	F1 vs	7.7	1.0	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
sec-Butylbenzene	ND	*3 F1 F2 vs	7.7	0.67	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Tetrachloroethene	ND	F1 vs	7.7	1.0	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Toluene	ND	F1 vs	7.7	0.58	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1

Client Sample ID: TP-2 2-3'
Date Collected: 09/28/22 11:05
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-24
Matrix: Solid
Percent Solids: 63.9

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND	F1 vs	7.7	0.79	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
trans-1,3-Dichloropropene	ND	F1 vs	7.7	3.4	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Trichloroethene	ND	F1 vs	7.7	1.7	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Trichlorofluoromethane	ND	vs	7.7	0.72	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Vinyl chloride	ND	vs	7.7	0.93	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Xylenes, Total	ND	F1 vs	15	1.3	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
cis-1,3-Dichloropropene	ND	F1 vs	7.7	1.1	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
Styrene	ND	F1 vs	7.7	0.38	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1
tert-Butylbenzene	ND	*3 F1 F2 vs	7.7	0.80	ug/Kg	☼	10/02/22 17:36	10/02/22 23:20	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*10/02/22 17:36*	*10/02/22 23:20*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*64 - 126*	*10/02/22 17:36*	*10/02/22 23:20*	*1*
4-Bromofluorobenzene (Surr)	*79*		*72 - 126*	*10/02/22 17:36*	*10/02/22 23:20*	*1*
Toluene-d8 (Surr)	*125*		*71 - 125*	*10/02/22 17:36*	*10/02/22 23:20*	*1*
Dibromofluoromethane (Surr)	*97*		*60 - 140*	*10/02/22 17:36*	*10/02/22 23:20*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		2600	390	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
bis (2-chloroisopropyl) ether	ND		2600	530	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
2,4,5-Trichlorophenol	ND		2600	720	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
2,4,6-Trichlorophenol	ND		2600	530	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
2,4-Dichlorophenol	ND		2600	280	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
2,4-Dimethylphenol	ND		2600	640	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
2,4-Dinitrophenol	ND		26000	12000	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
2,4-Dinitrotoluene	ND		2600	540	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
2,6-Dinitrotoluene	ND		2600	310	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
2-Chloronaphthalene	ND		2600	440	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
1,4-Dioxane	ND		1600	850	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
2-Chlorophenol	ND		5100	480	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
2-Methylnaphthalene	ND		2600	530	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
2-Methylphenol	ND		2600	310	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
2-Nitroaniline	ND		5100	390	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
2-Nitrophenol	ND		2600	750	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
3,3'-Dichlorobenzidine	ND		5100	3100	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
3-Nitroaniline	ND		5100	730	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
4,6-Dinitro-2-methylphenol	ND		5100	2600	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
4-Bromophenyl phenyl ether	ND		2600	370	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
4-Chloro-3-methylphenol	ND		2600	650	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
4-Chloroaniline	ND		2600	650	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
4-Chlorophenyl phenyl ether	ND		2600	330	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
4-Methylphenol	ND		5100	310	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
4-Nitroaniline	ND		5100	1400	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
4-Nitrophenol	ND		5100	1800	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Acenaphthene	**620**	**J**	2600	390	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Acenaphthylene	**1900**	**J**	2600	340	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Acetophenone	ND		2600	360	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10

Client Sample ID: TP-2 2-3'
Date Collected: 09/28/22 11:05
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-24
Matrix: Solid
Percent Solids: 63.9

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**3300**		2600	650	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Atrazine	ND		2600	920	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Benzaldehyde	ND		2600	2100	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Benzo[a]anthracene	**16000**		2600	260	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Benzo[a]pyrene	**18000**		2600	390	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Benzo[b]fluoranthene	**20000**		2600	420	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Benzo[g,h,i]perylene	**12000**		2600	280	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Benzo[k]fluoranthene	**11000**		2600	340	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Bis(2-chloroethoxy)methane	ND		2600	560	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Bis(2-chloroethyl)ether	ND		2600	340	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Bis(2-ethylhexyl) phthalate	ND		2600	900	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Butyl benzyl phthalate	ND		2600	440	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Caprolactam	ND		2600	790	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Carbazole	**2400**	**J**	2600	310	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Chrysene	**17000**		2600	590	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Di-n-butyl phthalate	ND		2600	450	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Di-n-octyl phthalate	ND		2600	310	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Dibenz(a,h)anthracene	**3800**		2600	470	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Dibenzofuran	**510**	**J**	2600	310	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Diethyl phthalate	ND		2600	340	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Dimethyl phthalate	ND		2600	310	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Fluoranthene	**36000**		2600	280	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Fluorene	**990**	**J**	2600	310	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Hexachlorobenzene	ND		2600	360	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Hexachlorobutadiene	ND		2600	390	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Hexachlorocyclopentadiene	ND		2600	360	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Hexachloroethane	ND		2600	340	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Indeno[1,2,3-cd]pyrene	**12000**		2600	330	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Isophorone	ND		2600	560	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
N-Nitrosodi-n-propylamine	ND		2600	450	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
N-Nitrosodiphenylamine	ND		2600	2100	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Naphthalene	ND		2600	340	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Nitrobenzene	ND		2600	300	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Pentachlorophenol	ND		5100	2600	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Phenanthrene	**16000**		2600	390	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Phenol	ND		2600	400	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10
Pyrene	**30000**		2600	310	ug/Kg	☼	09/29/22 15:44	09/30/22 20:10	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Anthracene, 2-methyl-	*2200*	*T J N*	*ug/Kg*	☼	*11.10*	*613-12-7*	*09/29/22 15:44*	*09/30/22 20:10*	*10*
Anthracene, 9-methyl-	*2900*	*T J N*	*ug/Kg*	☼	*11.13*	*779-02-2*	*09/29/22 15:44*	*09/30/22 20:10*	*10*
Unknown	*4500*	*T J*	*ug/Kg*	☼	*11.20*	*N/A*	*09/29/22 15:44*	*09/30/22 20:10*	*10*
9,10-Anthracenedione	*2200*	*T J N*	*ug/Kg*	☼	*11.41*	*84-65-1*	*09/29/22 15:44*	*09/30/22 20:10*	*10*
Cyclopenta(def)phenanthrenone	*3400*	*T J N*	*ug/Kg*	☼	*11.70*	*5737-13-3*	*09/29/22 15:44*	*09/30/22 20:10*	*10*
11H-Benzo[a]fluorene	*2600*	*T J N*	*ug/Kg*	☼	*12.26*	*238-84-6*	*09/29/22 15:44*	*09/30/22 20:10*	*10*
Pyrene, 1-methyl-	*2300*	*T J N*	*ug/Kg*	☼	*12.35*	*2381-21-7*	*09/29/22 15:44*	*09/30/22 20:10*	*10*
Benzo[e]pyrene	*3900*	*T J N*	*ug/Kg*	☼	*13.93*	*192-97-2*	*09/29/22 15:44*	*09/30/22 20:10*	*10*
Perylene	*12000*	*T J N*	*ug/Kg*	☼	*14.06*	*198-55-0*	*09/29/22 15:44*	*09/30/22 20:10*	*10*
Benzo[j]fluoranthene	*7300*	*T J N*	*ug/Kg*	☼	*14.16*	*205-82-3*	*09/29/22 15:44*	*09/30/22 20:10*	*10*
Unknown	*2400*	*T J*	*ug/Kg*	☼	*14.86*	*N/A*	*09/29/22 15:44*	*09/30/22 20:10*	*10*

Client Sample ID: TP-2 2-3'
Date Collected: 09/28/22 11:05
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-24
Matrix: Solid
Percent Solids: 63.9

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Benzo[b]triphenylene	2600	T J N	ug/Kg	☼	15.05	215-58-7	09/29/22 15:44	09/30/22 20:10	10
1,2:7,8-Dibenzophenanthrene	2700	T J N	ug/Kg	☼	15.08	213-46-7	09/29/22 15:44	09/30/22 20:10	10
Dibenzo[def,mno]chrysene	5200	T J N	ug/Kg	☼	15.32	191-26-4	09/29/22 15:44	09/30/22 20:10	10
Dibenz(a,e)aceanthrylene	5500	T J N	ug/Kg	☼	16.27	5385-75-1	09/29/22 15:44	09/30/22 20:10	10
1,2:4,5-Dibenzopyrene	2500	T J N	ug/Kg	☼	16.37	192-65-4	09/29/22 15:44	09/30/22 20:10	10
1,2:3,4-Dibenzopyrene	2300	T J N	ug/Kg	☼	16.81	191-30-0	09/29/22 15:44	09/30/22 20:10	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	109		54 - 120	09/29/22 15:44	09/30/22 20:10	10
2-Fluorobiphenyl	97		60 - 120	09/29/22 15:44	09/30/22 20:10	10
2-Fluorophenol	69		52 - 120	09/29/22 15:44	09/30/22 20:10	10
Nitrobenzene-d5	71		53 - 120	09/29/22 15:44	09/30/22 20:10	10
p-Terphenyl-d14	115		79 - 130	09/29/22 15:44	09/30/22 20:10	10
Phenol-d5	77		54 - 120	09/29/22 15:44	09/30/22 20:10	10

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**8.4**	**J**	26	5.0	ug/Kg	☼	10/03/22 15:41	10/04/22 13:45	10
4,4'-DDE	**7.4**	**J**	26	5.4	ug/Kg	☼	10/03/22 15:41	10/04/22 13:45	10
4,4'-DDT	**13**	**J**	26	6.0	ug/Kg	☼	10/03/22 15:41	10/04/22 13:45	10
Aldrin	ND		26	6.3	ug/Kg	☼	10/03/22 15:41	10/04/22 13:45	10
alpha-BHC	ND		26	4.6	ug/Kg	☼	10/03/22 15:41	10/04/22 13:45	10
cis-Chlordane	ND		26	13	ug/Kg	☼	10/03/22 15:41	10/04/22 13:45	10
beta-BHC	ND		26	4.6	ug/Kg	☼	10/03/22 15:41	10/04/22 13:45	10
delta-BHC	ND		26	4.8	ug/Kg	☼	10/03/22 15:41	10/04/22 13:45	10
Dieldrin	ND		26	6.2	ug/Kg	☼	10/03/22 15:41	10/04/22 13:45	10
Endosulfan I	ND		26	4.9	ug/Kg	☼	10/03/22 15:41	10/04/22 13:45	10
Endosulfan II	ND		26	4.6	ug/Kg	☼	10/03/22 15:41	10/04/22 13:45	10
Endosulfan sulfate	ND		26	4.8	ug/Kg	☼	10/03/22 15:41	10/04/22 13:45	10
Endrin	ND		26	5.1	ug/Kg	☼	10/03/22 15:41	10/04/22 13:45	10
Endrin aldehyde	ND		26	6.6	ug/Kg	☼	10/03/22 15:41	10/04/22 13:45	10
Endrin ketone	**14**	**J**	26	6.3	ug/Kg	☼	10/03/22 15:41	10/04/22 13:45	10
gamma-BHC (Lindane)	ND		26	4.7	ug/Kg	☼	10/03/22 15:41	10/04/22 13:45	10
trans-Chlordane	ND		26	8.2	ug/Kg	☼	10/03/22 15:41	10/04/22 13:45	10
Heptachlor	ND		26	5.6	ug/Kg	☼	10/03/22 15:41	10/04/22 13:45	10
Heptachlor epoxide	ND		26	6.6	ug/Kg	☼	10/03/22 15:41	10/04/22 13:45	10
Methoxychlor	**14**	**J**	26	5.3	ug/Kg	☼	10/03/22 15:41	10/04/22 13:45	10
Toxaphene	ND		260	150	ug/Kg	☼	10/03/22 15:41	10/04/22 13:45	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	281	S1+	45 - 120	10/03/22 15:41	10/04/22 13:45	10
DCB Decachlorobiphenyl	1124	S1+	45 - 120	10/03/22 15:41	10/04/22 13:45	10
Tetrachloro-m-xylene	117		30 - 124	10/03/22 15:41	10/04/22 13:45	10
Tetrachloro-m-xylene	89		30 - 124	10/03/22 15:41	10/04/22 13:45	10

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.28	0.055	mg/Kg	☼	09/30/22 16:34	10/03/22 00:44	1
PCB-1221	ND		0.28	0.055	mg/Kg	☼	09/30/22 16:34	10/03/22 00:44	1
PCB-1232	ND		0.28	0.055	mg/Kg	☼	09/30/22 16:34	10/03/22 00:44	1

Client Sample ID: TP-2 2-3'
Date Collected: 09/28/22 11:05
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-24
Matrix: Solid
Percent Solids: 63.9

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		0.28	0.055	mg/Kg	☼	09/30/22 16:34	10/03/22 00:44	1
PCB-1248	ND		0.28	0.055	mg/Kg	☼	09/30/22 16:34	10/03/22 00:44	1
PCB-1254	ND		0.28	0.13	mg/Kg	☼	09/30/22 16:34	10/03/22 00:44	1
PCB-1260	ND		0.28	0.13	mg/Kg	☼	09/30/22 16:34	10/03/22 00:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*96*		*60 - 154*	*09/30/22 16:34*	*10/03/22 00:44*	*1*
Tetrachloro-m-xylene	*111*		*60 - 154*	*09/30/22 16:34*	*10/03/22 00:44*	*1*
DCB Decachlorobiphenyl	*100*		*65 - 174*	*09/30/22 16:34*	*10/03/22 00:44*	*1*
DCB Decachlorobiphenyl	*127*		*65 - 174*	*09/30/22 16:34*	*10/03/22 00:44*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		130	41	ug/Kg	☼	10/04/22 07:41	10/07/22 08:34	5
Silvex (2,4,5-TP)	ND		130	47	ug/Kg	☼	10/04/22 07:41	10/07/22 08:34	5
2,4-D	ND		130	81	ug/Kg	☼	10/04/22 07:41	10/07/22 08:34	5
Dichlorprop	ND		130	65	ug/Kg	☼	10/04/22 07:41	10/07/22 08:34	5
Pentachlorophenol	ND		130	42	ug/Kg	☼	10/04/22 07:41	10/07/22 08:34	5
Picloram	ND		130	56	ug/Kg	☼	10/04/22 07:41	10/07/22 08:34	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*110*		*28 - 129*	*10/04/22 07:41*	*10/07/22 08:34*	*5*
2,4-Dichlorophenylacetic acid	*121*		*28 - 129*	*10/04/22 07:41*	*10/07/22 08:34*	*5*

Method: EPA 537 (Modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**0.048**	**J I**	0.31	0.030	ng/g	☼	10/05/22 11:50	10/18/22 02:06	1
Perfluoroheptanoic acid	ND		0.31	0.038	ng/g	☼	10/05/22 11:50	10/18/22 02:06	1
Perfluorooctanoic acid	**0.19**	**J**	0.31	0.034	ng/g	☼	10/05/22 11:50	10/18/22 02:06	1
Perfluorononanoic acid	ND		0.31	0.036	ng/g	☼	10/05/22 11:50	10/18/22 02:06	1
Perfluorodecanoic acid	ND		0.31	0.038	ng/g	☼	10/05/22 11:50	10/18/22 02:06	1
Perfluorotridecanoic acid	ND		0.31	0.033	ng/g	☼	10/05/22 11:50	10/18/22 02:06	1
Perfluorotetradecanoic acid	ND		0.31	0.038	ng/g	☼	10/05/22 11:50	10/18/22 02:06	1
Perfluorobutanesulfonic acid	ND		0.63	0.57	ng/g	☼	10/05/22 11:50	10/18/22 02:06	1
Perfluorohexanesulfonic acid	**0.078**	**J**	0.31	0.030	ng/g	☼	10/05/22 11:50	10/18/22 02:06	1
Perfluorooctanesulfonic acid	**2.3**		0.31	0.055	ng/g	☼	10/05/22 11:50	10/18/22 02:06	1
NEtFOSAA	ND		0.31	0.034	ng/g	☼	10/05/22 11:50	10/18/22 02:06	1
NMeFOSAA	ND		0.31	0.048	ng/g	☼	10/05/22 11:50	10/18/22 02:06	1
Perfluoroheptanesulfonic acid	**0.037**	**J**	0.31	0.031	ng/g	☼	10/05/22 11:50	10/18/22 02:06	1
Perfluorodecanesulfonic acid	ND		0.31	0.033	ng/g	☼	10/05/22 11:50	10/18/22 02:06	1
Perfluorooctanesulfonamide	ND		0.31	0.033	ng/g	☼	10/05/22 11:50	10/18/22 02:06	1
Perfluorobutanoic acid	**0.11**	**J**	0.31	0.038	ng/g	☼	10/05/22 11:50	10/18/22 02:06	1
Perfluoroundecanoic acid	ND		0.31	0.088	ng/g	☼	10/05/22 11:50	10/18/22 02:06	1
Perfluorododecanoic acid	ND		0.31	0.036	ng/g	☼	10/05/22 11:50	10/18/22 02:06	1
6:2 Fluorotelomer sulfonic acid	ND		0.31	0.077	ng/g	☼	10/05/22 11:50	10/18/22 02:06	1
8:2 Fluorotelomer sulfonic acid	ND		0.31	0.027	ng/g	☼	10/05/22 11:50	10/18/22 02:06	1
Perfluoropentanoic acid	ND		0.31	0.038	ng/g	☼	10/05/22 11:50	10/18/22 02:06	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-8:2 FTS	*227*	**5+*	*15 - 200*	*10/05/22 11:50*	*10/18/22 02:06*	*1*
M2-6:2 FTS	*279*	**5+*	*10 - 200*	*10/05/22 11:50*	*10/18/22 02:06*	*1*

Client Sample ID: TP-2 2-3'
Date Collected: 09/28/22 11:05
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-24
Matrix: Solid
Percent Solids: 63.9

Method: EPA 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	55		10 - 174	10/05/22 11:50	10/18/22 02:06	1
13C4 PFHpA	62		10 - 178	10/05/22 11:50	10/18/22 02:06	1
13C8 PFOA	61		26 - 159	10/05/22 11:50	10/18/22 02:06	1
13C9 PFNA	105		26 - 165	10/05/22 11:50	10/18/22 02:06	1
13C6 PFDA	78		26 - 161	10/05/22 11:50	10/18/22 02:06	1
13C7 PFUnA	73		12 - 173	10/05/22 11:50	10/18/22 02:06	1
13C2-PFDoDA	73		11 - 166	10/05/22 11:50	10/18/22 02:06	1
13C2 PFTeDA	70		10 - 169	10/05/22 11:50	10/18/22 02:06	1
13C3 PFBS	72		27 - 179	10/05/22 11:50	10/18/22 02:06	1
13C3 PFHxS	65		24 - 171	10/05/22 11:50	10/18/22 02:06	1
13C8 PFOS	80		41 - 154	10/05/22 11:50	10/18/22 02:06	1
d3-NMeFOSAA	94		10 - 178	10/05/22 11:50	10/18/22 02:06	1
d5-NEtFOSAA	87		10 - 193	10/05/22 11:50	10/18/22 02:06	1
13C8 FOSA	18		14 - 163	10/05/22 11:50	10/18/22 02:06	1
13C4 PFBA	77		28 - 153	10/05/22 11:50	10/18/22 02:06	1
13C5 PFPeA	66		24 - 161	10/05/22 11:50	10/18/22 02:06	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13100		15.6	6.9	mg/Kg	☼	09/29/22 11:46	10/01/22 00:55	1
Antimony	7.6	J	23.4	0.62	mg/Kg	☼	09/29/22 11:46	10/01/22 00:55	1
Arsenic	22.9		3.1	0.62	mg/Kg	☼	09/29/22 11:46	10/01/22 00:55	1
Barium	281		0.78	0.17	mg/Kg	☼	09/29/22 11:46	10/01/22 00:55	1
Beryllium	1.1		0.31	0.044	mg/Kg	☼	09/29/22 11:46	10/01/22 00:55	1
Cadmium	1.5		0.31	0.047	mg/Kg	☼	09/29/22 11:46	10/01/22 00:55	1
Calcium	17700		78.0	5.1	mg/Kg	☼	09/29/22 11:46	10/01/22 00:55	1
Chromium	30.0		0.78	0.31	mg/Kg	☼	09/29/22 11:46	10/01/22 00:55	1
Cobalt	12.4		0.78	0.078	mg/Kg	☼	09/29/22 11:46	10/01/22 00:55	1
Copper	99.5		1.6	0.33	mg/Kg	☼	09/29/22 11:46	10/01/22 00:55	1
Iron	49500	B	15.6	5.5	mg/Kg	☼	09/29/22 11:46	10/01/22 00:55	1
Lead	601		1.6	0.37	mg/Kg	☼	09/29/22 11:46	10/01/22 00:55	1
Magnesium	6810	B	31.2	1.4	mg/Kg	☼	09/29/22 11:46	10/01/22 00:55	1
Manganese	506		0.31	0.050	mg/Kg	☼	09/29/22 11:46	10/01/22 00:55	1
Nickel	42.2		7.8	0.36	mg/Kg	☼	09/29/22 11:46	10/01/22 00:55	1
Potassium	3040		46.8	31.2	mg/Kg	☼	09/29/22 11:46	10/01/22 00:55	1
Selenium	2.4	J	6.2	0.62	mg/Kg	☼	09/29/22 11:46	10/01/22 00:55	1
Silver	ND		0.94	0.31	mg/Kg	☼	09/29/22 11:46	10/01/22 00:55	1
Sodium	247		218	20.3	mg/Kg	☼	09/29/22 11:46	10/03/22 13:23	1
Thallium	1.8	J	9.4	0.47	mg/Kg	☼	09/29/22 11:46	10/01/22 00:55	1
Vanadium	34.5		0.78	0.17	mg/Kg	☼	09/29/22 11:46	10/01/22 00:55	1
Zinc	455	B	3.1	1.0	mg/Kg	☼	09/29/22 11:46	10/01/22 00:55	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.61		0.028	0.0066	mg/Kg	☼	09/30/22 09:54	09/30/22 13:55	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-1 2-3'
Date Collected: 09/28/22 11:20
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-25
Matrix: Solid
Percent Solids: 76.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1100	160	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
bis (2-chloroisopropyl) ether	ND		1100	220	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
2,4,5-Trichlorophenol	ND		1100	300	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
2,4,6-Trichlorophenol	ND		1100	220	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
2,4-Dichlorophenol	ND		1100	120	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
2,4-Dimethylphenol	ND		1100	260	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
2,4-Dinitrophenol	ND		11000	5100	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
2,4-Dinitrotoluene	ND		1100	230	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
2,6-Dinitrotoluene	ND		1100	130	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
2-Chloronaphthalene	ND		1100	180	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
1,4-Dioxane	ND		640	350	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
2-Chlorophenol	ND		2100	200	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
2-Methylnaphthalene	**390**	**J**	1100	220	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
2-Methylphenol	ND		1100	130	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
2-Nitroaniline	ND		2100	160	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
2-Nitrophenol	ND		1100	310	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
3,3'-Dichlorobenzidine	ND		2100	1300	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
3-Nitroaniline	ND		2100	300	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
4,6-Dinitro-2-methylphenol	ND		2100	1100	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
4-Bromophenyl phenyl ether	ND		1100	150	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
4-Chloro-3-methylphenol	ND		1100	270	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
4-Chloroaniline	ND		1100	270	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
4-Chlorophenyl phenyl ether	ND		1100	140	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
4-Methylphenol	ND		2100	130	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
4-Nitroaniline	ND		2100	570	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
4-Nitrophenol	ND		2100	770	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Acenaphthene	**840**	**J**	1100	160	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Acenaphthylene	ND		1100	140	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Acetophenone	ND		1100	150	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Anthracene	**2000**		1100	270	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Atrazine	ND		1100	380	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Benzaldehyde	ND		1100	870	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Benzo[a]anthracene	**2700**		1100	110	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Benzo[a]pyrene	**2100**		1100	160	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Benzo[b]fluoranthene	**2200**		1100	170	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Benzo[g,h,i]perylene	**1100**		1100	120	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Benzo[k]fluoranthene	**1200**		1100	140	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Bis(2-chloroethoxy)methane	ND		1100	230	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Bis(2-chloroethyl)ether	ND		1100	140	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Bis(2-ethylhexyl) phthalate	ND		1100	370	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Butyl benzyl phthalate	ND		1100	180	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Caprolactam	ND		1100	330	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Carbazole	**690**	**J**	1100	130	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Chrysene	**2700**		1100	240	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Di-n-butyl phthalate	ND		1100	190	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Di-n-octyl phthalate	ND		1100	130	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Dibenz(a,h)anthracene	**390**	**J**	1100	190	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Dibenzofuran	**470**	**J**	1100	130	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Diethyl phthalate	**180**	**J B**	1100	140	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5

Client Sample ID: TP-1 2-3'
Date Collected: 09/28/22 11:20
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-25
Matrix: Solid
Percent Solids: 76.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		1100	130	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Fluoranthene	**4700**		1100	120	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Fluorene	**910**	**J**	1100	130	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Hexachlorobenzene	ND		1100	150	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Hexachlorobutadiene	ND		1100	160	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Hexachlorocyclopentadiene	ND		1100	150	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Hexachloroethane	ND		1100	140	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Indeno[1,2,3-cd]pyrene	**950**	**J**	1100	140	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Isophorone	ND		1100	230	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
N-Nitrosodi-n-propylamine	ND		1100	190	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
N-Nitrosodiphenylamine	ND		1100	890	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Naphthalene	**310**	**J**	1100	140	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Nitrobenzene	ND		1100	120	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Pentachlorophenol	ND		2100	1100	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Phenanthrene	**5200**		1100	160	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Phenol	ND		1100	170	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5
Pyrene	**4600**		1100	130	ug/Kg	☼	09/29/22 15:44	09/30/22 20:34	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1400*	*T J*	*ug/Kg*	☼	*7.28*	*N/A*	*09/29/22 15:44*	*09/30/22 20:34*	*5*
Unknown	*1900*	*T J*	*ug/Kg*	☼	*8.01*	*N/A*	*09/29/22 15:44*	*09/30/22 20:34*	*5*
Unknown	*2700*	*T J*	*ug/Kg*	☼	*8.35*	*N/A*	*09/29/22 15:44*	*09/30/22 20:34*	*5*
Unknown	*1400*	*T J*	*ug/Kg*	☼	*8.40*	*N/A*	*09/29/22 15:44*	*09/30/22 20:34*	*5*
Cyclohexane, octyl-	*1700*	*T J N*	*ug/Kg*	☼	*8.68*	*1795-15-9*	*09/29/22 15:44*	*09/30/22 20:34*	*5*
Unknown	*1400*	*T J*	*ug/Kg*	☼	*8.71*	*N/A*	*09/29/22 15:44*	*09/30/22 20:34*	*5*
Unknown	*1700*	*T J*	*ug/Kg*	☼	*8.84*	*N/A*	*09/29/22 15:44*	*09/30/22 20:34*	*5*
Unknown	*2500*	*T J*	*ug/Kg*	☼	*9.33*	*N/A*	*09/29/22 15:44*	*09/30/22 20:34*	*5*
Unknown	*1400*	*T J*	*ug/Kg*	☼	*9.43*	*N/A*	*09/29/22 15:44*	*09/30/22 20:34*	*5*
Unknown	*2700*	*T J*	*ug/Kg*	☼	*9.66*	*N/A*	*09/29/22 15:44*	*09/30/22 20:34*	*5*
Unknown	*1500*	*T J*	*ug/Kg*	☼	*10.01*	*N/A*	*09/29/22 15:44*	*09/30/22 20:34*	*5*
Pentadecane, 2,6,10,14-tetramethyl-	*3000*	*T J N*	*ug/Kg*	☼	*10.10*	*1921-70-6*	*09/29/22 15:44*	*09/30/22 20:34*	*5*
Tetradecane	*2700*	*T J N*	*ug/Kg*	☼	*10.94*	*629-59-4*	*09/29/22 15:44*	*09/30/22 20:34*	*5*
Unknown	*2600*	*T J*	*ug/Kg*	☼	*11.12*	*N/A*	*09/29/22 15:44*	*09/30/22 20:34*	*5*
Phenanthrene, 1-methyl-	*2600*	*T J N*	*ug/Kg*	☼	*11.21*	*832-69-9*	*09/29/22 15:44*	*09/30/22 20:34*	*5*
Unknown	*2500*	*T J*	*ug/Kg*	☼	*11.42*	*N/A*	*09/29/22 15:44*	*09/30/22 20:34*	*5*
Phenanthrene, 2,5-dimethyl-	*2100*	*T J N*	*ug/Kg*	☼	*11.63*	*3674-66-6*	*09/29/22 15:44*	*09/30/22 20:34*	*5*
3-Quinolinecarbonitrile, 2-bromo-5,6,7,8-tetrahydro-	*2000*	*T J N*	*ug/Kg*	☼	*11.82*	*65242-28-6*	*09/29/22 15:44*	*09/30/22 20:34*	*5*
Friedelin	*1700*	*T J N*	*ug/Kg*	☼	*16.18*	*559-74-0*	*09/29/22 15:44*	*09/30/22 20:34*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*97*		*54 - 120*	*09/29/22 15:44*	*09/30/22 20:34*	*5*
2-Fluorobiphenyl	*93*		*60 - 120*	*09/29/22 15:44*	*09/30/22 20:34*	*5*
2-Fluorophenol	*60*		*52 - 120*	*09/29/22 15:44*	*09/30/22 20:34*	*5*
Nitrobenzene-d5	*77*		*53 - 120*	*09/29/22 15:44*	*09/30/22 20:34*	*5*
p-Terphenyl-d14	*102*		*79 - 130*	*09/29/22 15:44*	*09/30/22 20:34*	*5*
Phenol-d5	*68*		*54 - 120*	*09/29/22 15:44*	*09/30/22 20:34*	*5*

Client Sample Results

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-1 2-3'

Date Collected: 09/28/22 11:20
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-25

Matrix: Solid
Percent Solids: 76.0

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13800		13.3	5.9	mg/Kg	☼	09/29/22 11:46	10/01/22 01:10	1
Antimony	0.62	J	20.0	0.53	mg/Kg	☼	09/29/22 11:46	10/01/22 01:10	1
Arsenic	8.3		2.7	0.53	mg/Kg	☼	09/29/22 11:46	10/01/22 01:10	1
Barium	222		0.67	0.15	mg/Kg	☼	09/29/22 11:46	10/01/22 01:10	1
Beryllium	0.67		0.27	0.037	mg/Kg	☼	09/29/22 11:46	10/01/22 01:10	1
Cadmium	0.42		0.27	0.040	mg/Kg	☼	09/29/22 11:46	10/01/22 01:10	1
Calcium	9310		66.7	4.4	mg/Kg	☼	09/29/22 11:46	10/01/22 01:10	1
Chromium	19.1		0.67	0.27	mg/Kg	☼	09/29/22 11:46	10/01/22 01:10	1
Cobalt	9.6		0.67	0.067	mg/Kg	☼	09/29/22 11:46	10/01/22 01:10	1
Copper	35.9		1.3	0.28	mg/Kg	☼	09/29/22 11:46	10/01/22 01:10	1
Iron	19700	B	13.3	4.7	mg/Kg	☼	09/29/22 11:46	10/01/22 01:10	1
Lead	247		1.3	0.32	mg/Kg	☼	09/29/22 11:46	10/01/22 01:10	1
Magnesium	6640	B	26.7	1.2	mg/Kg	☼	09/29/22 11:46	10/01/22 01:10	1
Manganese	223		0.27	0.043	mg/Kg	☼	09/29/22 11:46	10/01/22 01:10	1
Nickel	27.0		6.7	0.31	mg/Kg	☼	09/29/22 11:46	10/01/22 01:10	1
Potassium	3020		40.0	26.7	mg/Kg	☼	09/29/22 11:46	10/01/22 01:10	1
Selenium	ND		5.3	0.53	mg/Kg	☼	09/29/22 11:46	10/01/22 01:10	1
Silver	ND		0.80	0.27	mg/Kg	☼	09/29/22 11:46	10/01/22 01:10	1
Sodium	130	J	187	17.3	mg/Kg	☼	09/29/22 11:46	10/03/22 13:27	1
Thallium	0.58	J	8.0	0.40	mg/Kg	☼	09/29/22 11:46	10/01/22 01:10	1
Vanadium	29.2		0.67	0.15	mg/Kg	☼	09/29/22 11:46	10/01/22 01:10	1
Zinc	133	B	2.7	0.85	mg/Kg	☼	09/29/22 11:46	10/01/22 01:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.39		0.026	0.0060	mg/Kg	☼	09/30/22 09:54	09/30/22 13:56	1

Surrogate Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(64-126)	(72-126)	(71-125)	(60-140)
480-202112-1	TP-24 3-5'	105	84	113	102
480-202112-3	TP-22 2-3'	112	81	113	104
480-202112-4	TP-21 3-4'	106	87	114	104
480-202112-7	TP-18 4-5'	91	77	136 S1+	103
480-202112-8	DUP-1	90	74	131 S1+	100
480-202112-11	TP-15 3-4'	105	82	117	104
480-202112-15	TP-11 4-5'	107	74	130 S1+	106
480-202112-18	TP-9 3-4	111	74	134 S1+	110
480-202112-18 MS	TP-9 3-4	91	72	130 S1+	103
480-202112-18 MSD	TP-9 3-4	91	71 S1-	127 S1+	102
480-202112-24	TP-2 2-3'	96	79	125	97
480-202112-24 MS	TP-2 2-3'	96	85	117	99
480-202112-24 MSD	TP-2 2-3'	88	77	128 S1+	97
LCS 480-643406/1-A	Lab Control Sample	100	93	105	100
LCS 480-643623/1-A	Lab Control Sample	101	94	102	101
MB 480-643406/2-A	Method Blank	101	97	103	99
MB 480-643623/2-A	Method Blank	101	96	101	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL
Lab Sample ID	Client Sample ID	(54-120)	(60-120)	(52-120)	(53-120)	(79-130)	(54-120)
480-202112-1	TP-24 3-5'	110	115	101	104	132 S1+	85
480-202112-2	TP-23 2-3'	103	102	98	96	132 S1+	83
480-202112-3	TP-22 2-3'	104	124 S1+	112	114	137 S1+	94
480-202112-4	TP-21 3-4'	100	107	75	95	117	76
480-202112-5	TP-20 3-4'	88	103	59	79	127	70
480-202112-6	TP-19 4-5'	106	100	94	94	111	95
480-202112-7	TP-18 4-5'	105	100	74	91	118	76
480-202112-8	DUP-1	97	102	101	95	115	82
480-202112-9	TP-17 3-4'	64	101	79	84	113	59
480-202112-10	TP-16 3-4'	104	115	91	93	95	81
480-202112-11	TP-15 3-4'	104	93	77	73	110	39 S1-
480-202112-12	TP-14 4-5'	103	111	85	98	115	89
480-202112-13	TP-13 2-3'	98	110	80	85	98	81
480-202112-14	TP-12 3-4'	135 S1+	110	58	80	108	84
480-202112-15	TP-11 4-5'	107	98	73	80	104	65
480-202112-16	TP-8 4-5'	109	94	77	78	113	75
480-202112-17	TP-10 4-5'	107	103	88	70	106	66
480-202112-18	TP-9 3-4	113	81	57	50 S1-	97	65
480-202112-18 MS	TP-9 3-4	88	89	53	70	104	66
480-202112-18 MSD	TP-9 3-4	136 S1+	104	34 S1-	66	120	74

Surrogate Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL
Lab Sample ID	Client Sample ID	(54-120)	(60-120)	(52-120)	(53-120)	(79-130)	(54-120)
480-202112-19	TP-7 1-2'	95	99	87	75	102	78
480-202112-20	TP-6 2-3'	132 S1+	96	68	73	114	79
480-202112-20 - DL	TP-6 2-3'	110	87	78	55	137 S1+	80
480-202112-21	TP-5 4-5'	92	86	59	70	107	68
480-202112-22	TP-4 2-3'	98	104	83	95	124	92
480-202112-23	TP-3 2-3'	90	94	68	69	104	70
480-202112-24	TP-2 2-3'	109	97	69	71	115	77
480-202112-25	TP-1 2-3'	97	93	60	77	102	68
LCS 480-643386/2-A	Lab Control Sample	104	88	68	85	116	74
LCS 480-643391/2-A	Lab Control Sample	113	110	109	103	129	113
MB 480-643386/1-A	Method Blank	90	97	93	91	128	82
MB 480-643391/1-A	Method Blank	106	116	118	112	139 S1+	102

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPHd14 = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(45-120)	(45-120)	(30-124)	(30-124)
480-202112-1	TP-24 3-5'	114	102	105	78
480-202112-3	TP-22 2-3'	88	111	94	75
480-202112-4	TP-21 3-4'	70	96	90	71
480-202112-7	TP-18 4-5'	76	88	88	64
480-202112-8	DUP-1	80	94	95	70
480-202112-11	TP-15 3-4'	135 S1+	130 S1+	168 S1+	129 S1+
480-202112-15	TP-11 4-5'	144 S1+	314 S1+	125 S1+	92
480-202112-18	TP-9 3-4	254 S1+	681 S1+	139 S1+	107
480-202112-18 MS	TP-9 3-4	245 S1+	605 S1+	149 S1+	117
480-202112-18 MSD	TP-9 3-4	264 S1+	676 S1+	140 S1+	109
480-202112-24	TP-2 2-3'	281 S1+	1124 S1+	117	89
LCS 480-643770/2-A	Lab Control Sample	90	100	83	62
MB 480-643770/1-A	Method Blank	94	103	83	64

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCBP1	DCBP2
Lab Sample ID	Client Sample ID	(60-154)	(60-154)	(65-174)	(65-174)
480-202112-1	TP-24 3-5'	97	111	98	124

Surrogate Summary

Client: LaBella Associates DPC
Job ID: 480-202112-1
Project/Site: 145 Ganson Street

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	TCX1 (60-154)	TCX2 (60-154)	DCBP1 (65-174)	DCBP2 (65-174)
480-202112-3	TP-22 2-3'	92	105	94	119
480-202112-4	TP-21 3-4'	97	110	96	123
480-202112-7	TP-18 4-5'	93	106	93	118
480-202112-8	DUP-1	91	108	93	120
480-202112-11	TP-15 3-4'	99	114	101	129
480-202112-15	TP-11 4-5'	94	108	94	121
480-202112-18	TP-9 3-4	101	115	104	132
480-202112-18 MS	TP-9 3-4	98	112	98	122
480-202112-18 MSD	TP-9 3-4	103	119	104	131
480-202112-24	TP-2 2-3'	96	111	100	127
LCS 480-643580/2-A	Lab Control Sample	99	110	93	117
MB 480-643580/1-A	Method Blank	87	99	86	111

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8151A - Herbicides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCPAA1 (28-129)	DCPAA2 (28-129)
480-202112-1	TP-24 3-5'	95	80
480-202112-3	TP-22 2-3'	96	94
480-202112-4	TP-21 3-4'	90	81
480-202112-7	TP-18 4-5'	124	83
480-202112-8	DUP-1	105	89
480-202112-11	TP-15 3-4'	64	61
480-202112-15	TP-11 4-5'	59	57
480-202112-18	TP-9 3-4	56	54
480-202112-18 MS	TP-9 3-4	85	86
480-202112-18 MSD	TP-9 3-4	92	84
480-202112-24	TP-2 2-3'	110	121
LCS 480-643816/2-A	Lab Control Sample	80	76
MB 480-643816/1-A	Method Blank	60	60

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Isotope Dilution Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Method: 537 (Modified) - Fluorinated Alkyl Substances

Matrix: Solid

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M282FTS (15-200)	M262FTS (10-200)	13C5PHA (10-174)	C4PFHA (10-178)	C8PFOA (26-159)	C9PFNA (26-165)	C6PFDA (26-161)	13C7PUA (12-173)
480-202112-1	TP-24 3-5'	150	182	68	72	70	107	79	80
480-202112-3	TP-22 2-3'	149	181	81	86	84	114	92	94
480-202112-4	TP-21 3-4'	118	136	78	81	79	104	83	85
480-202112-7	TP-18 4-5'	129	164	79	89	81	112	87	88
480-202112-8	DUP-1	144	186	79	85	82	117	91	86
480-202112-11	TP-15 3-4'	149	185	81	85	83	115	88	89
480-202112-15	TP-11 4-5'	140	191	71	79	73	115	80	81
480-202112-18	TP-9 3-4	208 *5+	263 *5+	61	66	66	113	85	86
480-202112-18 MS	TP-9 3-4	212 *5+	250 *5+	62	65	65	108	81	87
480-202112-18 MSD	TP-9 3-4	200	238 *5+	58	61	61	98	74	80
480-202112-24	TP-2 2-3'	227 *5+	279 *5+	55	62	61	105	78	73
LCS 410-303355/2-B	Lab Control Sample	107	115	92	91	96	121	101	103
MB 410-303355/1-B	Method Blank	96	97	69	74	76	94	78	77

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFDoDA (11-166)	PFTDA (10-169)	C3PFBS (27-179)	C3PFHS (24-171)	C8PFOS (41-154)	d3NMFOS (10-178)	d5NEFOS (10-193)	PFOSA (14-163)
480-202112-1	TP-24 3-5'	73	76	76	68	85	76	80	22
480-202112-3	TP-22 2-3'	86	87	88	77	97	63	66	50
480-202112-4	TP-21 3-4'	78	77	76	77	91	50	52	42
480-202112-7	TP-18 4-5'	82	74	79	79	93	90	85	40
480-202112-8	DUP-1	83	81	84	79	95	90	91	32
480-202112-11	TP-15 3-4'	80	74	83	79	96	79	77	44
480-202112-15	TP-11 4-5'	71	70	74	69	87	87	88	46
480-202112-18	TP-9 3-4	76	72	75	64	86	89	86	41
480-202112-18 MS	TP-9 3-4	81	80	78	66	83	83	87	42
480-202112-18 MSD	TP-9 3-4	75	70	71	60	77	76	87	35
480-202112-24	TP-2 2-3'	73	70	72	65	80	94	87	18
LCS 410-303355/2-B	Lab Control Sample	95	94	91	86	107	77	74	58
MB 410-303355/1-B	Method Blank	70	70	76	78	89	53	50	28

		Percent Isotope Dilution Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	PFBA (28-153)	PFPeA (24-161)
480-202112-1	TP-24 3-5'	77	75
480-202112-3	TP-22 2-3'	92	94
480-202112-4	TP-21 3-4'	80	79
480-202112-7	TP-18 4-5'	86	83
480-202112-8	DUP-1	88	83
480-202112-11	TP-15 3-4'	85	84
480-202112-15	TP-11 4-5'	81	76
480-202112-18	TP-9 3-4	82	70
480-202112-18 MS	TP-9 3-4	80	71
480-202112-18 MSD	TP-9 3-4	75	65
480-202112-24	TP-2 2-3'	77	66
LCS 410-303355/2-B	Lab Control Sample	98	99
MB 410-303355/1-B	Method Blank	67	68

Surrogate Legend

M282FTS = M2-8:2 FTS
M262FTS = M2-6:2 FTS

Isotope Dilution Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFDoDA = 13C2-PFDoDA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
PFOSA = 13C8 FOSA
PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-643406/2-A
Matrix: Solid
Analysis Batch: 643408

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 643406

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
1,2,4-Trimethylbenzene	ND		5.0	0.96	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
1,3,5-Trimethylbenzene	ND		5.0	0.32	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
2-Hexanone	ND		25	2.5	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
4-Isopropyltoluene	ND		5.0	0.40	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Acetone	ND		25	4.2	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Benzene	ND		5.0	0.25	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Bromoform	ND		5.0	2.5	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Bromomethane	ND		5.0	0.45	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Chloroethane	ND		5.0	1.1	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Chloroform	ND		5.0	0.31	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Chloromethane	ND		5.0	0.30	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Cyclohexane	ND		5.0	0.70	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Methyl acetate	ND		25	3.0	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
m,p-Xylene	ND		10	0.84	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Naphthalene	ND		5.0	0.67	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
n-Butylbenzene	ND		5.0	0.44	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
N-Propylbenzene	ND		5.0	0.40	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
o-Xylene	ND		5.0	0.65	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
sec-Butylbenzene	ND		5.0	0.44	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		09/29/22 18:18	09/29/22 22:15	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-643406/2-A
Matrix: Solid
Analysis Batch: 643408

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 643406

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		5.0	0.38	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Trichloroethene	ND		5.0	1.1	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Xylenes, Total	ND		10	0.84	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
Styrene	ND		5.0	0.25	ug/Kg		09/29/22 18:18	09/29/22 22:15	1
tert-Butylbenzene	ND		5.0	0.52	ug/Kg		09/29/22 18:18	09/29/22 22:15	1

Tentatively Identified Compound	*Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*			*N/A*	*09/29/22 18:18*	*09/29/22 22:15*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*	*09/29/22 18:18*	*09/29/22 22:15*	*1*
4-Bromofluorobenzene (Surr)	*97*		*72 - 126*	*09/29/22 18:18*	*09/29/22 22:15*	*1*
Toluene-d8 (Surr)	*103*		*71 - 125*	*09/29/22 18:18*	*09/29/22 22:15*	*1*
Dibromofluoromethane (Surr)	*99*		*60 - 140*	*09/29/22 18:18*	*09/29/22 22:15*	*1*

Lab Sample ID: LCS 480-643406/1-A
Matrix: Solid
Analysis Batch: 643408

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 643406

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	46.5		ug/Kg		93	77 - 121
1,1,2,2-Tetrachloroethane	50.0	52.0		ug/Kg		104	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.5		ug/Kg		93	60 - 140
1,1,2-Trichloroethane	50.0	50.1		ug/Kg		100	78 - 122
1,1-Dichloroethane	50.0	50.7		ug/Kg		101	73 - 126
1,1-Dichloroethene	50.0	48.1		ug/Kg		96	59 - 125
1,2,4-Trichlorobenzene	50.0	46.5		ug/Kg		93	64 - 120
1,2,4-Trimethylbenzene	50.0	50.2		ug/Kg		100	74 - 120
1,2-Dibromo-3-Chloropropane	50.0	51.7		ug/Kg		103	63 - 124
1,2-Dichlorobenzene	50.0	48.5		ug/Kg		97	75 - 120
1,2-Dichloroethane	50.0	48.5		ug/Kg		97	77 - 122
1,2-Dichloropropane	50.0	50.7		ug/Kg		101	75 - 124
1,3,5-Trimethylbenzene	50.0	49.9		ug/Kg		100	74 - 120
1,3-Dichlorobenzene	50.0	48.5		ug/Kg		97	74 - 120
1,4-Dichlorobenzene	50.0	48.5		ug/Kg		97	73 - 120
2-Butanone (MEK)	250	221		ug/Kg		89	70 - 134
2-Hexanone	250	266		ug/Kg		106	59 - 130
4-Isopropyltoluene	50.0	49.0		ug/Kg		98	74 - 120
4-Methyl-2-pentanone (MIBK)	250	263		ug/Kg		105	65 - 133
Acetone	250	189		ug/Kg		75	61 - 137
Benzene	50.0	49.6		ug/Kg		99	79 - 127
Bromoform	50.0	49.3		ug/Kg		99	68 - 126

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-643406/1-A
Matrix: Solid
Analysis Batch: 643408

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 643406

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	50.0	53.3		ug/Kg		107	37 - 149
Carbon disulfide	50.0	47.3		ug/Kg		95	64 - 131
Carbon tetrachloride	50.0	47.3		ug/Kg		95	75 - 135
Chlorobenzene	50.0	47.7		ug/Kg		95	76 - 124
Dibromochloromethane	50.0	50.7		ug/Kg		101	76 - 125
Chloroethane	50.0	53.9		ug/Kg		108	69 - 135
Chloroform	50.0	46.8		ug/Kg		94	80 - 120
Chloromethane	50.0	54.2		ug/Kg		108	63 - 127
cis-1,2-Dichloroethene	50.0	48.4		ug/Kg		97	81 - 120
Cyclohexane	50.0	50.7		ug/Kg		101	65 - 120
Bromodichloromethane	50.0	50.6		ug/Kg		101	80 - 122
Dichlorodifluoromethane	50.0	49.9		ug/Kg		100	57 - 142
Ethylbenzene	50.0	48.4		ug/Kg		97	80 - 120
1,2-Dibromoethane	50.0	47.9		ug/Kg		96	78 - 120
Isopropylbenzene	50.0	51.2		ug/Kg		102	72 - 120
Methyl acetate	100	89.5		ug/Kg		89	55 - 136
Methyl tert-butyl ether	50.0	48.1		ug/Kg		96	63 - 125
Methylcyclohexane	50.0	48.4		ug/Kg		97	60 - 140
Methylene Chloride	50.0	50.5		ug/Kg		101	61 - 127
m,p-Xylene	50.0	47.6		ug/Kg		95	70 - 130
Naphthalene	50.0	49.4		ug/Kg		99	38 - 137
n-Butylbenzene	50.0	49.1		ug/Kg		98	70 - 120
N-Propylbenzene	50.0	51.2		ug/Kg		102	70 - 130
o-Xylene	50.0	47.0		ug/Kg		94	70 - 130
sec-Butylbenzene	50.0	50.1		ug/Kg		100	74 - 120
Tetrachloroethene	50.0	45.3		ug/Kg		91	74 - 122
Toluene	50.0	49.1		ug/Kg		98	74 - 128
trans-1,2-Dichloroethene	50.0	47.8		ug/Kg		96	78 - 126
trans-1,3-Dichloropropene	50.0	50.0		ug/Kg		100	73 - 123
Trichloroethene	50.0	48.5		ug/Kg		97	77 - 129
Trichlorofluoromethane	50.0	49.3		ug/Kg		99	65 - 146
Vinyl chloride	50.0	52.7		ug/Kg		105	61 - 133
cis-1,3-Dichloropropene	50.0	49.4		ug/Kg		99	80 - 120
Styrene	50.0	46.7		ug/Kg		93	80 - 120
tert-Butylbenzene	50.0	49.5		ug/Kg		99	73 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 126*
4-Bromofluorobenzene (Surr)	*93*		*72 - 126*
Toluene-d8 (Surr)	*105*		*71 - 125*
Dibromofluoromethane (Surr)	*100*		*60 - 140*

Lab Sample ID: 480-202112-18 MS
Matrix: Solid
Analysis Batch: 643408

Client Sample ID: TP-9 3-4
Prep Type: Total/NA
Prep Batch: 643406

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND	vs	65.8	61.8	vs	ug/Kg	☼	94	77 - 121

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-202112-18 MS
Matrix: Solid
Analysis Batch: 643408

Client Sample ID: TP-9 3-4
Prep Type: Total/NA
Prep Batch: 643406

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2,2-Tetrachloroethane	ND	*3 F1 vs	65.8	77.5	*3 vs	ug/Kg	☼	118	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	65.8	55.6	vs	ug/Kg	☼	85	60 - 140
1,1,2-Trichloroethane	ND	vs	65.8	56.9	vs	ug/Kg	☼	87	78 - 122
1,1-Dichloroethane	ND	vs	65.8	64.9	vs	ug/Kg	☼	99	73 - 126
1,1-Dichloroethene	ND	vs	65.8	48.7	vs	ug/Kg	☼	74	59 - 125
1,2,4-Trichlorobenzene	ND	*3 F1 vs	65.8	13.4	F1 *3 vs	ug/Kg	☼	20	64 - 120
1,2,4-Trimethylbenzene	ND	*3 vs	65.8	60.9	*3 vs	ug/Kg	☼	93	74 - 120
1,2-Dibromo-3-Chloropropane	ND	*3 vs	65.8	48.7	*3 vs	ug/Kg	☼	74	63 - 124
1,2-Dichlorobenzene	ND	*3 F1 vs	65.8	34.7	F1 *3 vs	ug/Kg	☼	53	75 - 120
1,2-Dichloroethane	ND	F1 vs	65.8	45.2	F1 vs	ug/Kg	☼	69	77 - 122
1,2-Dichloropropane	ND	vs	65.8	58.4	vs	ug/Kg	☼	89	75 - 124
1,3,5-Trimethylbenzene	ND	*3 vs	65.8	71.0	*3 vs	ug/Kg	☼	108	74 - 120
1,3-Dichlorobenzene	ND	*3 F1 vs	65.8	32.0	F1 *3 vs	ug/Kg	☼	49	74 - 120
1,4-Dichlorobenzene	ND	*3 F1 vs	65.8	29.2	F1 *3 vs	ug/Kg	☼	44	73 - 120
2-Butanone (MEK)	ND	F1 vs	329	208	F1 vs	ug/Kg	☼	63	70 - 134
2-Hexanone	ND	vs	329	224	vs	ug/Kg	☼	68	59 - 130
4-Isopropyltoluene	ND	*3 vs	65.8	55.0	*3 vs	ug/Kg	☼	84	74 - 120
4-Methyl-2-pentanone (MIBK)	ND	vs	329	280	vs	ug/Kg	☼	85	65 - 133
Acetone	ND	vs	329	212	vs	ug/Kg	☼	65	61 - 137
Benzene	ND	F1 vs	65.8	52.6	vs	ug/Kg	☼	80	79 - 127
Bromoform	ND	F1 vs	65.8	37.3	F1 vs	ug/Kg	☼	57	68 - 126
Bromomethane	ND	vs	65.8	52.1	vs	ug/Kg	☼	79	37 - 149
Carbon disulfide	ND	F1 vs	65.8	31.5	F1 vs	ug/Kg	☼	48	64 - 131
Carbon tetrachloride	ND	F1 vs	65.8	55.7	vs	ug/Kg	☼	85	75 - 135
Chlorobenzene	ND	F1 vs	65.8	36.2	F1 vs	ug/Kg	☼	55	76 - 124
Dibromochloromethane	ND	vs	65.8	50.9	vs	ug/Kg	☼	77	76 - 125
Chloroethane	ND	vs	65.8	65.1	vs	ug/Kg	☼	99	69 - 135
Chloroform	0.61	J F1 vs	65.8	56.4	vs	ug/Kg	☼	85	80 - 120
Chloromethane	ND	vs	65.8	72.6	vs	ug/Kg	☼	110	63 - 127
cis-1,2-Dichloroethene	ND	F1 vs	65.8	43.6	F1 vs	ug/Kg	☼	66	80 - 120
Cyclohexane	ND	vs	65.8	52.7	vs	ug/Kg	☼	80	65 - 120
Bromodichloromethane	ND	F1 vs	65.8	49.3	F1 vs	ug/Kg	☼	75	80 - 122
Dichlorodifluoromethane	ND	vs	65.8	65.9	vs	ug/Kg	☼	100	57 - 142
Ethylbenzene	ND	F1 vs	65.8	47.5	F1 vs	ug/Kg	☼	72	80 - 120
1,2-Dibromoethane	ND	F1 vs	65.8	38.0	F1 vs	ug/Kg	☼	58	78 - 120
Isopropylbenzene	ND	*3 F1 vs	65.8	86.8	F1 *3 vs	ug/Kg	☼	132	72 - 120
Methyl acetate	ND	vs	132	85.5	vs	ug/Kg	☼	65	55 - 136
Methyl tert-butyl ether	ND	vs	65.8	63.0	vs	ug/Kg	☼	96	63 - 125
Methylcyclohexane	ND	F1 vs	65.8	32.8	F1 vs	ug/Kg	☼	50	60 - 140
Methylene Chloride	ND	vs	65.8	61.3	vs	ug/Kg	☼	93	61 - 127
m,p-Xylene	ND	F1 vs	65.8	43.4	F1 vs	ug/Kg	☼	66	70 - 130
Naphthalene	2.0	J *3 F1 vs	65.8	15.0	F1 *3 vs	ug/Kg	☼	20	38 - 137
n-Butylbenzene	ND	*3 F1 vs	65.8	35.7	F1 *3 vs	ug/Kg	☼	54	70 - 120
N-Propylbenzene	ND	*3 vs	65.8	61.3	*3 vs	ug/Kg	☼	93	70 - 130
o-Xylene	ND	vs	65.8	48.5	vs	ug/Kg	☼	74	70 - 130
sec-Butylbenzene	ND	*3 vs	65.8	57.9	*3 vs	ug/Kg	☼	88	74 - 120
Tetrachloroethene	ND	F1 vs	65.8	43.7	F1 vs	ug/Kg	☼	66	74 - 122
Toluene	ND	vs	65.8	55.6	vs	ug/Kg	☼	84	74 - 128

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-202112-18 MS
Matrix: Solid
Analysis Batch: 643408

Client Sample ID: TP-9 3-4
Prep Type: Total/NA
Prep Batch: 643406

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,2-Dichloroethene	ND	F1 vs	65.8	38.2	F1 vs	ug/Kg	☼	58	78 - 126
trans-1,3-Dichloropropene	ND	F1 vs	65.8	32.2	F1 vs	ug/Kg	☼	49	73 - 123
Trichloroethene	ND	F1 vs	65.8	35.8	F1 vs	ug/Kg	☼	54	77 - 129
Trichlorofluoromethane	ND	vs	65.8	61.8	vs	ug/Kg	☼	94	65 - 146
Vinyl chloride	ND	vs	65.8	57.3	vs	ug/Kg	☼	87	61 - 133
cis-1,3-Dichloropropene	ND	F1 vs	65.8	32.6	F1 vs	ug/Kg	☼	50	80 - 120
Styrene	ND	F1 vs	65.8	28.0	F1 vs	ug/Kg	☼	43	80 - 120
tert-Butylbenzene	ND	*3 vs	65.8	72.7	*3 vs	ug/Kg	☼	110	73 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*64 - 126*
4-Bromofluorobenzene (Surr)	*72*		*72 - 126*
Toluene-d8 (Surr)	*130*	*S1+*	*71 - 125*
Dibromofluoromethane (Surr)	*103*		*60 - 140*

Lab Sample ID: 480-202112-18 MSD
Matrix: Solid
Analysis Batch: 643408

Client Sample ID: TP-9 3-4
Prep Type: Total/NA
Prep Batch: 643406

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND	vs	66.0	53.6	vs	ug/Kg	☼	81	77 - 121	14	30
1,1,2,2-Tetrachloroethane	ND	*3 F1 vs	66.0	80.0	F1 *3 vs	ug/Kg	☼	121	80 - 120	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	66.0	48.3	vs	ug/Kg	☼	73	60 - 140	14	30
1,1,2-Trichloroethane	ND	vs	66.0	57.0	vs	ug/Kg	☼	86	78 - 122	0	30
1,1-Dichloroethane	ND	vs	66.0	58.3	vs	ug/Kg	☼	88	73 - 126	11	30
1,1-Dichloroethene	ND	vs	66.0	42.8	vs	ug/Kg	☼	65	59 - 125	13	30
1,2,4-Trichlorobenzene	ND	*3 F1 vs	66.0	15.6	*3 F1 vs	ug/Kg	☼	24	64 - 120	15	30
1,2,4-Trimethylbenzene	ND	*3 vs	66.0	62.5	*3 vs	ug/Kg	☼	95	74 - 120	3	30
1,2-Dibromo-3-Chloropropane	ND	*3 vs	66.0	52.5	*3 vs	ug/Kg	☼	80	63 - 124	8	30
1,2-Dichlorobenzene	ND	*3 F1 vs	66.0	36.9	*3 F1 vs	ug/Kg	☼	56	75 - 120	6	30
1,2-Dichloroethane	ND	F1 vs	66.0	45.3	F1 vs	ug/Kg	☼	69	77 - 122	0	30
1,2-Dichloropropane	ND	vs	66.0	56.6	vs	ug/Kg	☼	86	75 - 124	3	30
1,3,5-Trimethylbenzene	ND	*3 vs	66.0	71.1	*3 vs	ug/Kg	☼	108	74 - 120	0	30
1,3-Dichlorobenzene	ND	*3 F1 vs	66.0	34.7	*3 F1 vs	ug/Kg	☼	53	74 - 120	8	30
1,4-Dichlorobenzene	ND	*3 F1 vs	66.0	31.8	*3 F1 vs	ug/Kg	☼	48	73 - 120	8	30
2-Butanone (MEK)	ND	F1 vs	330	209	F1 vs	ug/Kg	☼	63	70 - 134	1	30
2-Hexanone	ND	vs	330	228	vs	ug/Kg	☼	69	59 - 130	2	30
4-Isopropyltoluene	ND	*3 vs	66.0	55.0	*3 vs	ug/Kg	☼	83	74 - 120	0	30
4-Methyl-2-pentanone (MIBK)	ND	vs	330	281	vs	ug/Kg	☼	85	65 - 133	0	30
Acetone	ND	vs	330	212	vs	ug/Kg	☼	64	61 - 137	0	30
Benzene	ND	F1 vs	66.0	49.5	F1 vs	ug/Kg	☼	75	79 - 127	6	30
Bromoform	ND	F1 vs	66.0	38.3	F1 vs	ug/Kg	☼	58	68 - 126	3	30
Bromomethane	ND	vs	66.0	51.4	vs	ug/Kg	☼	78	37 - 149	1	30
Carbon disulfide	ND	F1 vs	66.0	29.3	F1 vs	ug/Kg	☼	44	64 - 131	7	30
Carbon tetrachloride	ND	F1 vs	66.0	48.2	F1 vs	ug/Kg	☼	73	75 - 135	14	30
Chlorobenzene	ND	F1 vs	66.0	36.9	F1 vs	ug/Kg	☼	56	76 - 124	2	30
Dibromochloromethane	ND	vs	66.0	51.9	vs	ug/Kg	☼	79	76 - 125	2	30
Chloroethane	ND	vs	66.0	56.8	vs	ug/Kg	☼	86	69 - 135	14	30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-202112-18 MSD
Matrix: Solid
Analysis Batch: 643408

Client Sample ID: TP-9 3-4
Prep Type: Total/NA
Prep Batch: 643406

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloroform	0.61	J F1 vs	66.0	52.1	F1 vs	ug/Kg	☼	78	80 - 120	8	30
Chloromethane	ND	vs	66.0	62.5	vs	ug/Kg	☼	95	63 - 127	15	30
cis-1,2-Dichloroethene	ND	F1 vs	66.0	41.9	F1 vs	ug/Kg	☼	63	80 - 120	4	30
Cyclohexane	ND	vs	66.0	45.8	vs	ug/Kg	☼	69	65 - 120	14	30
Bromodichloromethane	ND	F1 vs	66.0	48.8	F1 vs	ug/Kg	☼	74	80 - 122	1	30
Dichlorodifluoromethane	ND	vs	66.0	55.1	vs	ug/Kg	☼	83	57 - 142	18	30
Ethylbenzene	ND	F1 vs	66.0	45.4	F1 vs	ug/Kg	☼	69	80 - 120	4	30
1,2-Dibromoethane	ND	F1 vs	66.0	39.4	F1 vs	ug/Kg	☼	60	78 - 120	4	30
Isopropylbenzene	ND	*3 F1 vs	66.0	83.0	F1 *3 vs	ug/Kg	☼	126	72 - 120	4	30
Methyl acetate	ND	vs	132	87.6	vs	ug/Kg	☼	66	55 - 136	2	30
Methyl tert-butyl ether	ND	vs	66.0	60.5	vs	ug/Kg	☼	92	63 - 125	4	30
Methylcyclohexane	ND	F1 vs	66.0	28.9	F1 vs	ug/Kg	☼	44	60 - 140	13	30
Methylene Chloride	ND	vs	66.0	56.2	vs	ug/Kg	☼	85	61 - 127	9	30
m,p-Xylene	ND	F1 vs	66.0	42.2	F1 vs	ug/Kg	☼	64	70 - 130	3	30
Naphthalene	2.0	J *3 F1 vs	66.0	17.3	*3 F1 vs	ug/Kg	☼	23	38 - 137	14	30
n-Butylbenzene	ND	*3 F1 vs	66.0	35.4	*3 F1 vs	ug/Kg	☼	54	70 - 120	1	30
N-Propylbenzene	ND	*3 vs	66.0	60.2	*3 vs	ug/Kg	☼	91	70 - 130	2	30
o-Xylene	ND	vs	66.0	46.6	vs	ug/Kg	☼	71	70 - 130	4	30
sec-Butylbenzene	ND	*3 vs	66.0	56.7	*3 vs	ug/Kg	☼	86	74 - 120	2	30
Tetrachloroethene	ND	F1 vs	66.0	40.4	F1 vs	ug/Kg	☼	61	74 - 122	8	30
Toluene	ND	vs	66.0	52.4	vs	ug/Kg	☼	79	74 - 128	6	30
trans-1,2-Dichloroethene	ND	F1 vs	66.0	35.7	F1 vs	ug/Kg	☼	54	78 - 126	7	30
trans-1,3-Dichloropropene	ND	F1 vs	66.0	35.7	F1 vs	ug/Kg	☼	54	73 - 123	10	30
Trichloroethene	ND	F1 vs	66.0	35.3	F1 vs	ug/Kg	☼	53	77 - 129	1	30
Trichlorofluoromethane	ND	vs	66.0	51.0	vs	ug/Kg	☼	77	65 - 146	19	30
Vinyl chloride	ND	vs	66.0	48.9	vs	ug/Kg	☼	74	61 - 133	16	30
cis-1,3-Dichloropropene	ND	F1 vs	66.0	35.9	F1 vs	ug/Kg	☼	54	80 - 120	10	30
Styrene	ND	F1 vs	66.0	29.2	F1 vs	ug/Kg	☼	44	80 - 120	4	30
tert-Butylbenzene	ND	*3 vs	66.0	72.6	*3 vs	ug/Kg	☼	110	73 - 120	0	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*64 - 126*
4-Bromofluorobenzene (Surr)	*71*	*S1-*	*72 - 126*
Toluene-d8 (Surr)	*127*	*S1+*	*71 - 125*
Dibromofluoromethane (Surr)	*102*		*60 - 140*

Lab Sample ID: MB 480-643623/2-A
Matrix: Solid
Analysis Batch: 643625

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 643623

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		10/02/22 17:36	10/02/22 21:19	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-643623/2-A
Matrix: Solid
Analysis Batch: 643625

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 643623

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		5.0	0.96	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
1,3,5-Trimethylbenzene	ND		5.0	0.32	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
2-Hexanone	ND		25	2.5	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
4-Isopropyltoluene	ND		5.0	0.40	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Acetone	ND		25	4.2	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Benzene	ND		5.0	0.25	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Bromoform	ND		5.0	2.5	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Bromomethane	ND		5.0	0.45	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Chloroethane	ND		5.0	1.1	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Chloroform	ND		5.0	0.31	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Chloromethane	ND		5.0	0.30	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Cyclohexane	ND		5.0	0.70	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Methyl acetate	ND		25	3.0	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
m,p-Xylene	ND		10	0.84	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Naphthalene	ND		5.0	0.67	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
n-Butylbenzene	ND		5.0	0.44	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
N-Propylbenzene	ND		5.0	0.40	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
o-Xylene	ND		5.0	0.65	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
sec-Butylbenzene	ND		5.0	0.44	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Toluene	ND		5.0	0.38	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Trichloroethene	ND		5.0	1.1	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
Xylenes, Total	ND		10	0.84	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		10/02/22 17:36	10/02/22 21:19	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-643623/2-A
Matrix: Solid
Analysis Batch: 643625

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 643623

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		5.0	0.25	ug/Kg		10/02/22 17:36	10/02/22 21:19	1
tert-Butylbenzene	ND		5.0	0.52	ug/Kg		10/02/22 17:36	10/02/22 21:19	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*			*N/A*	*10/02/22 17:36*	*10/02/22 21:19*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*	*10/02/22 17:36*	*10/02/22 21:19*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 126*	*10/02/22 17:36*	*10/02/22 21:19*	*1*
Toluene-d8 (Surr)	*101*		*71 - 125*	*10/02/22 17:36*	*10/02/22 21:19*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*10/02/22 17:36*	*10/02/22 21:19*	*1*

Lab Sample ID: LCS 480-643623/1-A
Matrix: Solid
Analysis Batch: 643625

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 643623

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	48.7		ug/Kg		97	77 - 121
1,1,2,2-Tetrachloroethane	50.0	50.2		ug/Kg		100	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.5		ug/Kg		91	60 - 140
1,1,2-Trichloroethane	50.0	47.4		ug/Kg		95	78 - 122
1,1-Dichloroethane	50.0	51.2		ug/Kg		102	73 - 126
1,1-Dichloroethene	50.0	49.6		ug/Kg		99	59 - 125
1,2,4-Trichlorobenzene	50.0	46.1		ug/Kg		92	64 - 120
1,2,4-Trimethylbenzene	50.0	50.7		ug/Kg		101	74 - 120
1,2-Dibromo-3-Chloropropane	50.0	49.5		ug/Kg		99	63 - 124
1,2-Dichlorobenzene	50.0	47.8		ug/Kg		96	75 - 120
1,2-Dichloroethane	50.0	49.7		ug/Kg		99	77 - 122
1,2-Dichloropropane	50.0	52.5		ug/Kg		105	75 - 124
1,3,5-Trimethylbenzene	50.0	50.8		ug/Kg		102	74 - 120
1,3-Dichlorobenzene	50.0	48.6		ug/Kg		97	74 - 120
1,4-Dichlorobenzene	50.0	48.0		ug/Kg		96	73 - 120
2-Butanone (MEK)	250	259		ug/Kg		104	70 - 134
2-Hexanone	250	257		ug/Kg		103	59 - 130
4-Isopropyltoluene	50.0	50.9		ug/Kg		102	74 - 120
4-Methyl-2-pentanone (MIBK)	250	252		ug/Kg		101	65 - 133
Acetone	250	242		ug/Kg		97	61 - 137
Benzene	50.0	51.2		ug/Kg		102	79 - 127
Bromoform	50.0	49.2		ug/Kg		98	68 - 126
Bromomethane	50.0	55.0		ug/Kg		110	37 - 149
Carbon disulfide	50.0	49.6		ug/Kg		99	64 - 131
Carbon tetrachloride	50.0	49.6		ug/Kg		99	75 - 135
Chlorobenzene	50.0	47.6		ug/Kg		95	76 - 124
Dibromochloromethane	50.0	50.3		ug/Kg		101	76 - 125
Chloroethane	50.0	56.5		ug/Kg		113	69 - 135
Chloroform	50.0	48.1		ug/Kg		96	80 - 120
Chloromethane	50.0	57.1		ug/Kg		114	63 - 127

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-643623/1-A
Matrix: Solid
Analysis Batch: 643625

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 643623

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
cis-1,2-Dichloroethene	50.0	48.7		ug/Kg		97	81 - 120
Cyclohexane	50.0	54.6		ug/Kg		109	65 - 120
Bromodichloromethane	50.0	52.6		ug/Kg		105	80 - 122
Dichlorodifluoromethane	50.0	54.1		ug/Kg		108	57 - 142
Ethylbenzene	50.0	48.6		ug/Kg		97	80 - 120
1,2-Dibromoethane	50.0	46.6		ug/Kg		93	78 - 120
Isopropylbenzene	50.0	51.9		ug/Kg		104	72 - 120
Methyl acetate	100	101		ug/Kg		101	55 - 136
Methyl tert-butyl ether	50.0	49.1		ug/Kg		98	63 - 125
Methylcyclohexane	50.0	50.8		ug/Kg		102	60 - 140
Methylene Chloride	50.0	52.1		ug/Kg		104	61 - 127
m,p-Xylene	50.0	47.8		ug/Kg		96	70 - 130
Naphthalene	50.0	47.5		ug/Kg		95	38 - 137
n-Butylbenzene	50.0	51.1		ug/Kg		102	70 - 120
N-Propylbenzene	50.0	51.7		ug/Kg		103	70 - 130
o-Xylene	50.0	46.8		ug/Kg		94	70 - 130
sec-Butylbenzene	50.0	51.5		ug/Kg		103	74 - 120
Tetrachloroethene	50.0	46.4		ug/Kg		93	74 - 122
Toluene	50.0	48.5		ug/Kg		97	74 - 128
trans-1,2-Dichloroethene	50.0	48.6		ug/Kg		97	78 - 126
trans-1,3-Dichloropropene	50.0	49.7		ug/Kg		99	73 - 123
Trichloroethene	50.0	50.5		ug/Kg		101	77 - 129
Trichlorofluoromethane	50.0	52.7		ug/Kg		105	65 - 146
Vinyl chloride	50.0	55.7		ug/Kg		111	61 - 133
cis-1,3-Dichloropropene	50.0	53.2		ug/Kg		106	80 - 120
Styrene	50.0	47.3		ug/Kg		95	80 - 120
tert-Butylbenzene	50.0	51.7		ug/Kg		103	73 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*
4-Bromofluorobenzene (Surr)	*94*		*72 - 126*
Toluene-d8 (Surr)	*102*		*71 - 125*
Dibromofluoromethane (Surr)	*101*		*60 - 140*

Lab Sample ID: 480-202112-24 MS
Matrix: Solid
Analysis Batch: 643625

Client Sample ID: TP-2 2-3'
Prep Type: Total/NA
Prep Batch: 643623

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND	vs	76.7	63.8	vs	ug/Kg	☼	83	77 - 121
1,1,2,2-Tetrachloroethane	ND	*3 F1 vs	76.7	60.5	*3 F1 vs	ug/Kg	☼	79	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	76.7	60.4	vs	ug/Kg	☼	79	60 - 140
1,1,2-Trichloroethane	ND	F1 vs	76.7	56.9	F1 vs	ug/Kg	☼	74	78 - 122
1,1-Dichloroethane	ND	vs	76.7	65.2	vs	ug/Kg	☼	85	73 - 126
1,1-Dichloroethene	ND	vs	76.7	52.5	vs	ug/Kg	☼	68	59 - 125
1,2,4-Trichlorobenzene	ND	*3 F1 vs	76.7	17.4	*3 F1 vs	ug/Kg	☼	23	64 - 120
1,2,4-Trimethylbenzene	ND	*3 F2 vs	76.7	57.4	*3 vs	ug/Kg	☼	75	74 - 120
1,2-Dibromo-3-Chloropropane	ND	*3 F1 vs	76.7	43.7	*3 F1 vs	ug/Kg	☼	57	63 - 124

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-202112-24 MS
Matrix: Solid
Analysis Batch: 643625

Client Sample ID: TP-2 2-3'
Prep Type: Total/NA
Prep Batch: 643623

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichlorobenzene	ND	*3 F1 vs	76.7	35.6	*3 F1 vs	ug/Kg	☼	46	75 - 120
1,2-Dichloroethane	ND	F1 vs	76.7	49.1	F1 vs	ug/Kg	☼	64	77 - 122
1,2-Dichloropropane	ND	vs	76.7	63.4	vs	ug/Kg	☼	83	75 - 124
1,3,5-Trimethylbenzene	ND	*3 F1 F2 vs	76.7	60.7	*3 vs	ug/Kg	☼	79	74 - 120
1,3-Dichlorobenzene	ND	*3 F1 vs	76.7	34.6	*3 F1 vs	ug/Kg	☼	45	74 - 120
1,4-Dichlorobenzene	ND	*3 F1 vs	76.7	31.9	*3 F1 vs	ug/Kg	☼	42	73 - 120
2-Butanone (MEK)	140	F1 vs	383	366	F1 vs	ug/Kg	☼	58	70 - 134
2-Hexanone	ND	vs	383	253	vs	ug/Kg	☼	66	59 - 130
4-Isopropyltoluene	ND	*3 F1 F2 vs	76.7	52.8	*3 F1 vs	ug/Kg	☼	69	74 - 120
4-Methyl-2-pentanone (MIBK)	ND	vs	383	298	vs	ug/Kg	☼	78	65 - 133
Acetone	750	F1 vs	383	798	F1 vs	ug/Kg	☼	12	61 - 137
Benzene	ND	F1 vs	76.7	57.9	F1 vs	ug/Kg	☼	75	79 - 127
Bromoform	ND	F1 vs	76.7	37.5	F1 vs	ug/Kg	☼	49	68 - 126
Bromomethane	ND	vs	76.7	63.7	vs	ug/Kg	☼	83	37 - 149
Carbon disulfide	5.6	J F1 vs	76.7	36.6	F1 vs	ug/Kg	☼	41	64 - 131
Carbon tetrachloride	ND	vs	76.7	57.6	vs	ug/Kg	☼	75	75 - 135
Chlorobenzene	ND	F1 vs	76.7	42.3	F1 vs	ug/Kg	☼	55	76 - 124
Dibromochloromethane	ND	F1 vs	76.7	48.2	F1 vs	ug/Kg	☼	63	76 - 125
Chloroethane	ND	vs	76.7	67.2	vs	ug/Kg	☼	88	69 - 135
Chloroform	ND	F1 vs	76.7	56.0	F1 vs	ug/Kg	☼	73	80 - 120
Chloromethane	ND	vs	76.7	75.6	vs	ug/Kg	☼	99	63 - 127
cis-1,2-Dichloroethene	ND	F1 vs	76.7	43.8	F1 vs	ug/Kg	☼	57	80 - 120
Cyclohexane	ND	vs	76.7	57.6	vs	ug/Kg	☼	75	65 - 120
Bromodichloromethane	ND	F1 vs	76.7	52.7	F1 vs	ug/Kg	☼	69	80 - 122
Dichlorodifluoromethane	ND	vs	76.7	76.7	vs	ug/Kg	☼	100	57 - 142
Ethylbenzene	ND	F1 vs	76.7	48.5	F1 vs	ug/Kg	☼	63	80 - 120
1,2-Dibromoethane	ND	F1 vs	76.7	40.3	F1 vs	ug/Kg	☼	53	78 - 120
Isopropylbenzene	ND	*3 F1 F2 vs	76.7	68.6	*3 vs	ug/Kg	☼	90	72 - 120
Methyl acetate	ND	vs	153	116	vs	ug/Kg	☼	75	55 - 136
Methyl tert-butyl ether	ND	vs	76.7	66.7	vs	ug/Kg	☼	87	63 - 125
Methylcyclohexane	ND	F1 vs	76.7	42.9	F1 vs	ug/Kg	☼	56	60 - 140
Methylene Chloride	ND	vs	76.7	57.8	vs	ug/Kg	☼	75	61 - 127
m,p-Xylene	ND	F1 vs	76.7	46.9	F1 vs	ug/Kg	☼	61	70 - 130
Naphthalene	ND	*3 F1 vs	76.7	21.7	*3 F1 vs	ug/Kg	☼	28	38 - 137
n-Butylbenzene	ND	*3 F1 vs	76.7	38.2	*3 F1 vs	ug/Kg	☼	50	70 - 120
N-Propylbenzene	ND	*3 F2 vs	76.7	54.4	*3 vs	ug/Kg	☼	71	70 - 130
o-Xylene	ND	F1 vs	76.7	49.7	F1 vs	ug/Kg	☼	65	70 - 130
sec-Butylbenzene	ND	*3 F1 F2 vs	76.7	55.2	*3 F1 vs	ug/Kg	☼	72	74 - 120
Tetrachloroethene	ND	F1 vs	76.7	45.5	F1 vs	ug/Kg	☼	59	74 - 122
Toluene	ND	F1 vs	76.7	56.2	F1 vs	ug/Kg	☼	73	74 - 128
trans-1,2-Dichloroethene	ND	F1 vs	76.7	41.9	F1 vs	ug/Kg	☼	55	78 - 126
trans-1,3-Dichloropropene	ND	F1 vs	76.7	37.4	F1 vs	ug/Kg	☼	49	73 - 123
Trichloroethene	ND	F1 vs	76.7	43.0	F1 vs	ug/Kg	☼	56	77 - 129
Trichlorofluoromethane	ND	vs	76.7	70.9	vs	ug/Kg	☼	92	65 - 146
Vinyl chloride	ND	vs	76.7	62.6	vs	ug/Kg	☼	82	61 - 133
cis-1,3-Dichloropropene	ND	F1 vs	76.7	41.3	F1 vs	ug/Kg	☼	54	80 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-202112-24 MS
Matrix: Solid
Analysis Batch: 643625

Client Sample ID: TP-2 2-3'
Prep Type: Total/NA
Prep Batch: 643623

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Styrene	ND	F1 vs	76.7	35.2	F1 vs	ug/Kg	☼	46	80 - 120
tert-Butylbenzene	ND	*3 F1 F2 vs	76.7	64.2	*3 vs	ug/Kg	☼	84	73 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*64 - 126*
4-Bromofluorobenzene (Surr)	*85*		*72 - 126*
Toluene-d8 (Surr)	*117*		*71 - 125*
Dibromofluoromethane (Surr)	*99*		*60 - 140*

Lab Sample ID: 480-202112-24 MSD
Matrix: Solid
Analysis Batch: 643625

Client Sample ID: TP-2 2-3'
Prep Type: Total/NA
Prep Batch: 643623

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND	vs	76.1	75.8	vs	ug/Kg	☼	100	77 - 121	17	30
1,1,2,2-Tetrachloroethane	ND	*3 F1 vs	76.1	75.8	*3 vs	ug/Kg	☼	100	80 - 120	23	30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	76.1	73.0	vs	ug/Kg	☼	96	60 - 140	19	30
1,1,2-Trichloroethane	ND	F1 vs	76.1	59.7	vs	ug/Kg	☼	78	78 - 122	5	30
1,1-Dichloroethane	ND	vs	76.1	72.1	vs	ug/Kg	☼	95	73 - 126	10	30
1,1-Dichloroethene	ND	vs	76.1	56.0	vs	ug/Kg	☼	74	59 - 125	6	30
1,2,4-Trichlorobenzene	ND	*3 F1 vs	76.1	18.3	*3 F1 vs	ug/Kg	☼	24	64 - 120	5	30
1,2,4-Trimethylbenzene	ND	*3 F2 vs	76.1	83.9	*3 F2 vs	ug/Kg	☼	110	74 - 120	38	30
1,2-Dibromo-3-Chloropropane	ND	*3 F1 vs	76.1	48.0	*3 vs	ug/Kg	☼	63	63 - 124	9	30
1,2-Dichlorobenzene	ND	*3 F1 vs	76.1	43.9	*3 F1 vs	ug/Kg	☼	58	75 - 120	21	30
1,2-Dichloroethane	ND	F1 vs	76.1	46.7	F1 vs	ug/Kg	☼	61	77 - 122	5	30
1,2-Dichloropropane	ND	vs	76.1	67.7	vs	ug/Kg	☼	89	75 - 124	7	30
1,3,5-Trimethylbenzene	ND	*3 F1 F2 vs	76.1	93.8	*3 F1 F2 vs	ug/Kg	☼	123	74 - 120	43	30
1,3-Dichlorobenzene	ND	*3 F1 vs	76.1	42.3	*3 F1 vs	ug/Kg	☼	56	74 - 120	20	30
1,4-Dichlorobenzene	ND	*3 F1 vs	76.1	36.9	*3 F1 vs	ug/Kg	☼	49	73 - 120	15	30
2-Butanone (MEK)	140	F1 vs	380	348	F1 vs	ug/Kg	☼	53	70 - 134	5	30
2-Hexanone	ND	vs	380	255	vs	ug/Kg	☼	67	59 - 130	1	30
4-Isopropyltoluene	ND	*3 F1 F2 vs	76.1	78.7	*3 F2 vs	ug/Kg	☼	103	74 - 120	39	30
4-Methyl-2-pentanone (MIBK)	ND	vs	380	321	vs	ug/Kg	☼	84	65 - 133	8	30
Acetone	750	F1 vs	380	732	F1 vs	ug/Kg	☼	-5	61 - 137	9	30
Benzene	ND	F1 vs	76.1	63.2	vs	ug/Kg	☼	83	79 - 127	9	30
Bromoform	ND	F1 vs	76.1	38.5	F1 vs	ug/Kg	☼	51	68 - 126	3	30
Bromomethane	ND	vs	76.1	64.4	vs	ug/Kg	☼	85	37 - 149	1	30
Carbon disulfide	5.6	J F1 vs	76.1	39.6	F1 vs	ug/Kg	☼	45	64 - 131	8	30
Carbon tetrachloride	ND	vs	76.1	70.6	vs	ug/Kg	☼	93	75 - 135	20	30
Chlorobenzene	ND	F1 vs	76.1	46.5	F1 vs	ug/Kg	☼	61	76 - 124	9	30
Dibromochloromethane	ND	F1 vs	76.1	54.4	F1 vs	ug/Kg	☼	71	76 - 125	12	30
Chloroethane	ND	vs	76.1	72.9	vs	ug/Kg	☼	96	69 - 135	8	30
Chloroform	ND	F1 vs	76.1	62.0	vs	ug/Kg	☼	81	80 - 120	10	30
Chloromethane	ND	vs	76.1	84.1	vs	ug/Kg	☼	111	63 - 127	11	30
cis-1,2-Dichloroethene	ND	F1 vs	76.1	47.5	F1 vs	ug/Kg	☼	62	80 - 120	8	30

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-202112-24 MSD
Matrix: Solid
Analysis Batch: 643625

Client Sample ID: TP-2 2-3'
Prep Type: Total/NA
Prep Batch: 643623

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyclohexane	ND	vs	76.1	72.0	vs	ug/Kg	☼	95	65 - 120	22	30
Bromodichloromethane	ND	F1 vs	76.1	54.6	F1 vs	ug/Kg	☼	72	80 - 122	4	30
Dichlorodifluoromethane	ND	vs	76.1	85.1	vs	ug/Kg	☼	112	57 - 142	10	30
Ethylbenzene	ND	F1 vs	76.1	59.7	F1 vs	ug/Kg	☼	78	80 - 120	21	30
1,2-Dibromoethane	ND	F1 vs	76.1	39.4	F1 vs	ug/Kg	☼	52	78 - 120	2	30
Isopropylbenzene	ND	*3 F1 F2 vs	76.1	109	*3 F1 F2 vs	ug/Kg	☼	143	72 - 120	45	30
Methyl acetate	ND	vs	152	115	vs	ug/Kg	☼	75	55 - 136	1	30
Methyl tert-butyl ether	ND	vs	76.1	68.6	vs	ug/Kg	☼	90	63 - 125	3	30
Methylcyclohexane	ND	F1 vs	76.1	54.3	vs	ug/Kg	☼	71	60 - 140	23	30
Methylene Chloride	ND	vs	76.1	60.6	vs	ug/Kg	☼	80	61 - 127	5	30
m,p-Xylene	ND	F1 vs	76.1	57.9	vs	ug/Kg	☼	76	70 - 130	21	30
Naphthalene	ND	*3 F1 vs	76.1	21.4	*3 F1 vs	ug/Kg	☼	28	38 - 137	2	30
n-Butylbenzene	ND	*3 F1 vs	76.1	51.6	*3 F1 vs	ug/Kg	☼	68	70 - 120	30	30
N-Propylbenzene	ND	*3 F2 vs	76.1	79.2	*3 F2 vs	ug/Kg	☼	104	70 - 130	37	30
o-Xylene	ND	F1 vs	76.1	62.1	vs	ug/Kg	☼	82	70 - 130	22	30
sec-Butylbenzene	ND	*3 F1 F2 vs	76.1	83.9	*3 F2 vs	ug/Kg	☼	110	74 - 120	41	30
Tetrachloroethene	ND	F1 vs	76.1	56.3	vs	ug/Kg	☼	74	74 - 122	21	30
Toluene	ND	F1 vs	76.1	66.5	vs	ug/Kg	☼	87	74 - 128	17	30
trans-1,2-Dichloroethene	ND	F1 vs	76.1	41.9	F1 vs	ug/Kg	☼	55	78 - 126	0	30
trans-1,3-Dichloropropene	ND	F1 vs	76.1	34.8	F1 vs	ug/Kg	☼	46	73 - 123	7	30
Trichloroethene	ND	F1 vs	76.1	43.7	F1 vs	ug/Kg	☼	57	77 - 129	2	30
Trichlorofluoromethane	ND	vs	76.1	78.4	vs	ug/Kg	☼	103	65 - 146	10	30
Vinyl chloride	ND	vs	76.1	66.4	vs	ug/Kg	☼	87	61 - 133	6	30
cis-1,3-Dichloropropene	ND	F1 vs	76.1	38.1	F1 vs	ug/Kg	☼	50	80 - 120	8	30
Styrene	ND	F1 vs	76.1	38.2	F1 vs	ug/Kg	☼	50	80 - 120	8	30
tert-Butylbenzene	ND	*3 F1 F2 vs	76.1	102	*3 F1 F2 vs	ug/Kg	☼	134	73 - 120	46	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*64 - 126*
4-Bromofluorobenzene (Surr)	*77*		*72 - 126*
Toluene-d8 (Surr)	*128*	*S1+*	*71 - 125*
Dibromofluoromethane (Surr)	*97*		*60 - 140*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-643386/1-A
Matrix: Solid
Analysis Batch: 643562

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 643386

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		170	25	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
bis (2-chloroisopropyl) ether	ND		170	33	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
2,4,5-Trichlorophenol	ND		170	45	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
2,4,6-Trichlorophenol	ND		170	33	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
2,4-Dichlorophenol	ND		170	18	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
2,4-Dimethylphenol	ND		170	40	ug/Kg		09/29/22 15:38	09/30/22 17:02	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-643386/1-A
Matrix: Solid
Analysis Batch: 643562

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 643386

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		1600	770	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
2,4-Dinitrotoluene	ND		170	34	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
2,6-Dinitrotoluene	ND		170	20	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
2-Chloronaphthalene	ND		170	28	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
1,4-Dioxane	ND		98	54	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
2-Chlorophenol	ND		320	30	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
2-Methylnaphthalene	ND		170	33	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
2-Methylphenol	ND		170	20	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
2-Nitroaniline	ND		320	25	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
2-Nitrophenol	ND		170	47	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
3,3'-Dichlorobenzidine	ND		320	200	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
3-Nitroaniline	ND		320	46	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
4,6-Dinitro-2-methylphenol	ND		320	170	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
4-Bromophenyl phenyl ether	ND		170	24	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
4-Chloro-3-methylphenol	ND		170	41	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
4-Chloroaniline	ND		170	41	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
4-Chlorophenyl phenyl ether	ND		170	21	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
4-Methylphenol	ND		320	20	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
4-Nitroaniline	ND		320	88	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
4-Nitrophenol	ND		320	120	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Acenaphthene	ND		170	25	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Acenaphthylene	ND		170	22	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Acetophenone	ND		170	23	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Anthracene	ND		170	41	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Atrazine	ND		170	58	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Benzaldehyde	ND		170	130	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Benzo[a]anthracene	ND		170	17	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Benzo[a]pyrene	ND		170	25	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Benzo[b]fluoranthene	ND		170	27	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Benzo[g,h,i]perylene	ND		170	18	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Benzo[k]fluoranthene	ND		170	22	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Bis(2-chloroethoxy)methane	ND		170	35	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Bis(2-chloroethyl)ether	ND		170	22	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Bis(2-ethylhexyl) phthalate	ND		170	57	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Butyl benzyl phthalate	ND		170	28	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Caprolactam	ND		170	50	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Carbazole	ND		170	20	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Chrysene	ND		170	37	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Di-n-butyl phthalate	ND		170	29	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Di-n-octyl phthalate	ND		170	20	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Dibenz(a,h)anthracene	ND		170	30	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Dibenzofuran	ND		170	20	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Diethyl phthalate	49.6	J	170	22	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Dimethyl phthalate	ND		170	20	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Fluoranthene	ND		170	18	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Fluorene	ND		170	20	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Hexachlorobenzene	ND		170	23	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Hexachlorobutadiene	ND		170	25	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Hexachlorocyclopentadiene	ND		170	23	ug/Kg		09/29/22 15:38	09/30/22 17:02	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-643386/1-A
Matrix: Solid
Analysis Batch: 643562

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 643386

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		170	22	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Indeno[1,2,3-cd]pyrene	ND		170	21	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Isophorone	ND		170	35	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
N-Nitrosodi-n-propylamine	ND		170	29	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
N-Nitrosodiphenylamine	ND		170	140	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Naphthalene	ND		170	22	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Nitrobenzene	ND		170	19	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Pentachlorophenol	ND		320	170	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Phenanthrene	ND		170	25	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Phenol	ND		170	26	ug/Kg		09/29/22 15:38	09/30/22 17:02	1
Pyrene	ND		170	20	ug/Kg		09/29/22 15:38	09/30/22 17:02	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1150*	*T J*	*ug/Kg*		*2.81*	*N/A*	*09/29/22 15:38*	*09/30/22 17:02*	*1*
Unknown	*141*	*T J*	*ug/Kg*		*13.09*	*N/A*	*09/29/22 15:38*	*09/30/22 17:02*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*90*		*54 - 120*	*09/29/22 15:38*	*09/30/22 17:02*	*1*
2-Fluorobiphenyl	*97*		*60 - 120*	*09/29/22 15:38*	*09/30/22 17:02*	*1*
2-Fluorophenol	*93*		*52 - 120*	*09/29/22 15:38*	*09/30/22 17:02*	*1*
Nitrobenzene-d5	*91*		*53 - 120*	*09/29/22 15:38*	*09/30/22 17:02*	*1*
p-Terphenyl-d14	*128*		*79 - 130*	*09/29/22 15:38*	*09/30/22 17:02*	*1*
Phenol-d5	*82*		*54 - 120*	*09/29/22 15:38*	*09/30/22 17:02*	*1*

Lab Sample ID: LCS 480-643386/2-A
Matrix: Solid
Analysis Batch: 643562

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 643386

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	1630	1220		ug/Kg		75	59 - 120
bis (2-chloroisopropyl) ether	1630	1090		ug/Kg		67	44 - 120
2,4,5-Trichlorophenol	1630	1340		ug/Kg		82	59 - 126
2,4,6-Trichlorophenol	1630	1390		ug/Kg		85	59 - 123
2,4-Dichlorophenol	1630	1310		ug/Kg		80	61 - 120
2,4-Dimethylphenol	1630	1220		ug/Kg		75	59 - 120
2,4-Dinitrophenol	3260	2730		ug/Kg		84	41 - 146
2,4-Dinitrotoluene	1630	1280		ug/Kg		78	63 - 120
2,6-Dinitrotoluene	1630	1250		ug/Kg		77	66 - 120
2-Chloronaphthalene	1630	1200		ug/Kg		74	57 - 120
1,4-Dioxane	1630	586		ug/Kg		36	23 - 120
2-Chlorophenol	1630	983		ug/Kg		60	53 - 120
2-Methylnaphthalene	1630	1110		ug/Kg		68	59 - 120
2-Methylphenol	1630	1000		ug/Kg		61	54 - 120
2-Nitroaniline	1630	1150		ug/Kg		71	61 - 120
2-Nitrophenol	1630	1110		ug/Kg		68	56 - 120
3,3'-Dichlorobenzidine	3260	2100		ug/Kg		64	54 - 120
3-Nitroaniline	1630	781		ug/Kg		48	48 - 120
4,6-Dinitro-2-methylphenol	3260	2840		ug/Kg		87	49 - 122

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-643386/2-A
Matrix: Solid
Analysis Batch: 643562

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 643386

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Bromophenyl phenyl ether	1630	1490		ug/Kg		91	58 - 120
4-Chloro-3-methylphenol	1630	1230		ug/Kg		76	61 - 120
4-Chloroaniline	1630	838		ug/Kg		51	38 - 120
4-Chlorophenyl phenyl ether	1630	1570		ug/Kg		96	63 - 124
4-Methylphenol	1630	1060		ug/Kg		65	55 - 120
4-Nitroaniline	1630	1080		ug/Kg		66	56 - 120
4-Nitrophenol	3260	2380		ug/Kg		73	43 - 147
Acenaphthene	1630	1220		ug/Kg		75	62 - 120
Acenaphthylene	1630	1210		ug/Kg		74	58 - 121
Acetophenone	1630	1040		ug/Kg		64	54 - 120
Anthracene	1630	1370		ug/Kg		84	62 - 120
Atrazine	3260	2800		ug/Kg		86	60 - 127
Benzaldehyde	3260	1580		ug/Kg		48	10 - 150
Benzo[a]anthracene	1630	1390		ug/Kg		85	65 - 120
Benzo[a]pyrene	1630	1510		ug/Kg		92	64 - 120
Benzo[b]fluoranthene	1630	1560		ug/Kg		95	64 - 120
Benzo[g,h,i]perylene	1630	1330		ug/Kg		81	45 - 145
Benzo[k]fluoranthene	1630	1530		ug/Kg		94	65 - 120
Bis(2-chloroethoxy)methane	1630	1130		ug/Kg		69	55 - 120
Bis(2-chloroethyl)ether	1630	962		ug/Kg		59	45 - 120
Bis(2-ethylhexyl) phthalate	1630	1320		ug/Kg		81	61 - 133
Butyl benzyl phthalate	1630	1160		ug/Kg		71	61 - 129
Caprolactam	3260	2420		ug/Kg		74	47 - 120
Carbazole	1630	1250		ug/Kg		77	65 - 120
Chrysene	1630	1590		ug/Kg		97	64 - 120
Di-n-butyl phthalate	1630	1240		ug/Kg		76	58 - 130
Di-n-octyl phthalate	1630	1230		ug/Kg		75	57 - 133
Dibenz(a,h)anthracene	1630	1410		ug/Kg		86	54 - 132
Dibenzofuran	1630	1250		ug/Kg		77	63 - 120
Diethyl phthalate	1630	1330		ug/Kg		81	66 - 120
Dimethyl phthalate	1630	1300		ug/Kg		80	65 - 124
Fluoranthene	1630	1330		ug/Kg		82	62 - 120
Fluorene	1630	1290		ug/Kg		79	63 - 120
Hexachlorobenzene	1630	1350		ug/Kg		83	60 - 120
Hexachlorobutadiene	1630	1550		ug/Kg		95	45 - 120
Hexachlorocyclopentadiene	1630	1290		ug/Kg		79	47 - 120
Hexachloroethane	1630	897		ug/Kg		55	41 - 120
Indeno[1,2,3-cd]pyrene	1630	1380		ug/Kg		85	56 - 134
Isophorone	1630	1170		ug/Kg		72	56 - 120
N-Nitrosodi-n-propylamine	1630	950		ug/Kg		58	52 - 120
Naphthalene	1630	1160		ug/Kg		71	55 - 120
Nitrobenzene	1630	1180		ug/Kg		72	54 - 120
Pentachlorophenol	3260	2310		ug/Kg		71	51 - 120
Phenanthrene	1630	1410		ug/Kg		86	60 - 120
Phenol	1630	905		ug/Kg		55	53 - 120
Pyrene	1630	1400		ug/Kg		86	61 - 133

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-643386/2-A
Matrix: Solid
Analysis Batch: 643562

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 643386

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*104*		*54 - 120*
2-Fluorobiphenyl	*88*		*60 - 120*
2-Fluorophenol	*68*		*52 - 120*
Nitrobenzene-d5	*85*		*53 - 120*
p-Terphenyl-d14	*116*		*79 - 130*
Phenol-d5	*74*		*54 - 120*

Lab Sample ID: 480-202112-18 MS
Matrix: Solid
Analysis Batch: 643562

Client Sample ID: TP-9 3-4
Prep Type: Total/NA
Prep Batch: 643386

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	ND		2220	1650	J	ug/Kg	☼	74	58 - 120
bis (2-chloroisopropyl) ether	ND		2220	1390	J	ug/Kg	☼	62	31 - 120
2,4,5-Trichlorophenol	ND		2220	1600	J	ug/Kg	☼	72	46 - 120
2,4,6-Trichlorophenol	ND	F2	2220	1870	J	ug/Kg	☼	84	41 - 123
2,4-Dichlorophenol	ND		2220	1570	J	ug/Kg	☼	71	45 - 120
2,4-Dimethylphenol	ND		2220	1450	J	ug/Kg	☼	65	52 - 120
2,4-Dinitrophenol	ND		4450	ND		ug/Kg	☼	NC	41 - 146
2,4-Dinitrotoluene	ND	F2	2220	1580	J	ug/Kg	☼	71	63 - 125
2,6-Dinitrotoluene	ND	F2	2220	1500	J	ug/Kg	☼	68	66 - 120
2-Chloronaphthalene	ND		2220	1420	J	ug/Kg	☼	64	57 - 120
1,4-Dioxane	ND	F1	2220	ND	F1	ug/Kg	☼	0	13 - 120
2-Chlorophenol	ND	F1	2220	ND	F1	ug/Kg	☼	0	43 - 120
2-Methylnaphthalene	ND		2220	1500	J	ug/Kg	☼	67	55 - 120
2-Methylphenol	ND		2220	1300	J	ug/Kg	☼	59	48 - 120
2-Nitroaniline	ND	F1 F2	2220	1160	J F1	ug/Kg	☼	52	61 - 120
2-Nitrophenol	ND	F1	2220	1360	J	ug/Kg	☼	61	37 - 120
3,3'-Dichlorobenzidine	ND		4450	ND		ug/Kg	☼	NC	37 - 126
3-Nitroaniline	ND	F1	2220	ND	F1	ug/Kg	☼	0	48 - 120
4,6-Dinitro-2-methylphenol	ND		4450	ND		ug/Kg	☼	NC	23 - 149
4-Bromophenyl phenyl ether	ND		2220	1890	J	ug/Kg	☼	85	58 - 120
4-Chloro-3-methylphenol	ND	F2	2220	1490	J	ug/Kg	☼	67	49 - 125
4-Chloroaniline	ND	F1	2220	ND	F1	ug/Kg	☼	0	38 - 120
4-Chlorophenyl phenyl ether	ND		2220	2200	J	ug/Kg	☼	99	63 - 124
4-Methylphenol	ND	F1	2220	ND	F1	ug/Kg	☼	0	50 - 120
4-Nitroaniline	ND		2220	ND		ug/Kg	☼	NC	47 - 120
4-Nitrophenol	ND	F1	4450	ND	F1	ug/Kg	☼	0	31 - 147
Acenaphthene	2600	J F1	2220	2220	J F1	ug/Kg	☼	-19	60 - 120
Acenaphthylene	730	J	2220	2250	J	ug/Kg	☼	68	58 - 121
Acetophenone	ND		2220	1190	J	ug/Kg	☼	54	47 - 120
Anthracene	6100	F1	2220	3970	J F1	ug/Kg	☼	-95	62 - 120
Atrazine	ND		4450	4220	J	ug/Kg	☼	95	60 - 150
Benzaldehyde	ND	F1	4450	ND	F1	ug/Kg	☼	0	10 - 150
Benzo[a]anthracene	10000	F2	2220	7880	4	ug/Kg	☼	-113	65 - 120
Benzo[a]pyrene	12000	F2	2220	9060	4	ug/Kg	☼	-114	64 - 120
Benzo[b]fluoranthene	14000		2220	9000	4	ug/Kg	☼	-222	10 - 150
Benzo[g,h,i]perylene	7100	F1	2220	6480	F1	ug/Kg	☼	-28	45 - 145

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-202112-18 MS
Matrix: Solid
Analysis Batch: 643562

Client Sample ID: TP-9 3-4
Prep Type: Total/NA
Prep Batch: 643386

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[k]fluoranthene	4500	F2	2220	6750		ug/Kg	☼	104	23 - 150
Bis(2-chloroethoxy)methane	ND	F2	2220	1220	J	ug/Kg	☼	55	52 - 120
Bis(2-chloroethyl)ether	ND	F1	2220	643	J F1	ug/Kg	☼	29	45 - 120
Bis(2-ethylhexyl) phthalate	ND	F2	2220	1910	J	ug/Kg	☼	86	61 - 133
Butyl benzyl phthalate	ND	F2	2220	2040	J	ug/Kg	☼	92	61 - 120
Caprolactam	ND	F1	4450	ND	F1	ug/Kg	☼	0	37 - 133
Carbazole	2100	J F1	2220	2190	J F1	ug/Kg	☼	4	59 - 120
Chrysene	10000		2220	7400	4	ug/Kg	☼	-136	64 - 120
Di-n-butyl phthalate	ND		2220	1780	J	ug/Kg	☼	80	58 - 130
Di-n-octyl phthalate	ND		2220	2170	J	ug/Kg	☼	98	57 - 133
Dibenz(a,h)anthracene	1300	J	2220	3460	J	ug/Kg	☼	95	54 - 132
Dibenzofuran	1900	J F1	2220	2210	J F1	ug/Kg	☼	16	62 - 120
Diethyl phthalate	ND	F2	2220	1770	J	ug/Kg	☼	80	66 - 120
Dimethyl phthalate	ND	F2	2220	1700	J	ug/Kg	☼	77	65 - 124
Fluoranthene	23000	F2	2220	14200	4	ug/Kg	☼	-400	62 - 120
Fluorene	3100	J F1	2220	2740	J F1	ug/Kg	☼	-16	63 - 120
Hexachlorobenzene	ND	F1	2220	ND	F1	ug/Kg	☼	0	60 - 120
Hexachlorobutadiene	ND		2220	1400	J	ug/Kg	☼	63	45 - 120
Hexachlorocyclopentadiene	ND		2220	1070	J	ug/Kg	☼	48	31 - 120
Hexachloroethane	ND		2220	1160	J	ug/Kg	☼	52	21 - 120
Indeno[1,2,3-cd]pyrene	6200	F1	2220	6120	F1	ug/Kg	☼	-2	56 - 134
Isophorone	ND	F1	2220	ND	F1	ug/Kg	☼	0	56 - 120
N-Nitrosodi-n-propylamine	ND	F1 F2	2220	898	J F1	ug/Kg	☼	40	46 - 120
Naphthalene	2000	J F1	2220	1940	J F1	ug/Kg	☼	-2	46 - 120
Nitrobenzene	ND	F1 F2	2220	1310	J	ug/Kg	☼	59	49 - 120
Pentachlorophenol	ND		4450	ND		ug/Kg	☼	NC	25 - 136
Phenanthrene	20000	F2	2220	9170	4	ug/Kg	☼	-469	60 - 122
Phenol	ND	F1	2220	ND	F1	ug/Kg	☼	0	50 - 120
Pyrene	17000		2220	11100	4	ug/Kg	☼	-268	61 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*88*		*54 - 120*
2-Fluorobiphenyl	*89*		*60 - 120*
2-Fluorophenol	*53*		*52 - 120*
Nitrobenzene-d5	*70*		*53 - 120*
p-Terphenyl-d14	*104*		*79 - 130*
Phenol-d5	*66*		*54 - 120*

Lab Sample ID: 480-202112-18 MSD
Matrix: Solid
Analysis Batch: 643562

Client Sample ID: TP-9 3-4
Prep Type: Total/NA
Prep Batch: 643386

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Biphenyl	ND		2240	1830	J	ug/Kg	☼	82	58 - 120	10	20
bis (2-chloroisopropyl) ether	ND		2240	1540	J	ug/Kg	☼	69	31 - 120	10	24
2,4,5-Trichlorophenol	ND		2240	1670	J	ug/Kg	☼	75	46 - 120	4	18
2,4,6-Trichlorophenol	ND	F2	2240	2280	J F2	ug/Kg	☼	102	41 - 123	20	19
2,4-Dichlorophenol	ND		2240	1850	J	ug/Kg	☼	83	45 - 120	16	19

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-202112-18 MSD
Matrix: Solid
Analysis Batch: 643562

Client Sample ID: TP-9 3-4
Prep Type: Total/NA
Prep Batch: 643386

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dimethylphenol	ND		2240	1610	J	ug/Kg	☼	72	52 - 120	10	42
2,4-Dinitrophenol	ND		4470	ND		ug/Kg	☼	NC	41 - 146	NC	22
2,4-Dinitrotoluene	ND	F2	2240	2050	J F2	ug/Kg	☼	92	63 - 125	26	20
2,6-Dinitrotoluene	ND	F2	2240	1810	J F2	ug/Kg	☼	81	66 - 120	19	15
2-Chloronaphthalene	ND		2240	1750	J	ug/Kg	☼	78	57 - 120	21	21
1,4-Dioxane	ND	F1	2240	ND	F1	ug/Kg	☼	0	13 - 120	NC	50
2-Chlorophenol	ND	F1	2240	1350	J	ug/Kg	☼	61	43 - 120	NC	25
2-Methylnaphthalene	ND		2240	1490	J	ug/Kg	☼	67	55 - 120	0	21
2-Methylphenol	ND		2240	1230	J	ug/Kg	☼	55	48 - 120	6	27
2-Nitroaniline	ND	F1 F2	2240	1560	J F2	ug/Kg	☼	70	61 - 120	30	15
2-Nitrophenol	ND	F1	2240	ND	F1	ug/Kg	☼	0	37 - 120	NC	18
3,3'-Dichlorobenzidine	ND		4470	ND		ug/Kg	☼	NC	37 - 126	NC	25
3-Nitroaniline	ND	F1	2240	ND	F1	ug/Kg	☼	0	48 - 120	NC	19
4,6-Dinitro-2-methylphenol	ND		4470	ND		ug/Kg	☼	NC	23 - 149	NC	15
4-Bromophenyl phenyl ether	ND		2240	1930	J	ug/Kg	☼	86	58 - 120	2	15
4-Chloro-3-methylphenol	ND	F2	2240	1970	J F2	ug/Kg	☼	88	49 - 125	28	27
4-Chloroaniline	ND	F1	2240	ND	F1	ug/Kg	☼	0	38 - 120	NC	22
4-Chlorophenyl phenyl ether	ND		2240	2570	J	ug/Kg	☼	115	63 - 124	16	16
4-Methylphenol	ND	F1	2240	1100	J F1	ug/Kg	☼	49	50 - 120	NC	24
4-Nitroaniline	ND		2240	ND		ug/Kg	☼	NC	47 - 120	NC	24
4-Nitrophenol	ND	F1	4470	ND	F1	ug/Kg	☼	0	31 - 147	NC	25
Acenaphthene	2600	J F1	2240	2390	J F1	ug/Kg	☼	-11	60 - 120	7	35
Acenaphthylene	730	J	2240	2520	J	ug/Kg	☼	80	58 - 121	12	18
Acetophenone	ND		2240	1320	J	ug/Kg	☼	59	47 - 120	10	20
Anthracene	6100	F1	2240	3890	J F1	ug/Kg	☼	-98	62 - 120	2	15
Atrazine	ND		4470	4750		ug/Kg	☼	106	60 - 150	12	20
Benzaldehyde	ND	F1	4470	ND	F1	ug/Kg	☼	0	10 - 150	NC	20
Benzo[a]anthracene	10000	F2	2240	6460	4 F2	ug/Kg	☼	-176	65 - 120	20	15
Benzo[a]pyrene	12000	F2	2240	7590	4 F2	ug/Kg	☼	-179	64 - 120	18	15
Benzo[b]fluoranthene	14000		2240	8970	4	ug/Kg	☼	-222	10 - 150	0	15
Benzo[g,h,i]perylene	7100	F1	2240	6380	F1	ug/Kg	☼	-33	45 - 145	1	15
Benzo[k]fluoranthene	4500	F2	2240	5230	F2	ug/Kg	☼	35	23 - 150	25	22
Bis(2-chloroethoxy)methane	ND	F2	2240	1470	J F2	ug/Kg	☼	66	52 - 120	19	17
Bis(2-chloroethyl)ether	ND	F1	2240	ND	F1	ug/Kg	☼	0	45 - 120	NC	21
Bis(2-ethylhexyl) phthalate	ND	F2	2240	2320	J F2	ug/Kg	☼	104	61 - 133	19	15
Butyl benzyl phthalate	ND	F2	2240	2520	J F2	ug/Kg	☼	113	61 - 120	21	16
Caprolactam	ND	F1	4470	4020	J	ug/Kg	☼	90	37 - 133	NC	20
Carbazole	2100	J F1	2240	2470	J F1	ug/Kg	☼	17	59 - 120	12	20
Chrysene	10000		2240	7060	4	ug/Kg	☼	-150	64 - 120	5	15
Di-n-butyl phthalate	ND		2240	2010	J	ug/Kg	☼	90	58 - 130	12	15
Di-n-octyl phthalate	ND		2240	2450	J	ug/Kg	☼	109	57 - 133	12	16
Dibenz(a,h)anthracene	1300	J	2240	3060	J	ug/Kg	☼	77	54 - 132	12	15
Dibenzofuran	1900	J F1	2240	2520	J F1	ug/Kg	☼	30	62 - 120	13	15
Diethyl phthalate	ND	F2	2240	2520	J F2	ug/Kg	☼	113	66 - 120	35	15
Dimethyl phthalate	ND	F2	2240	2200	J F2	ug/Kg	☼	99	65 - 124	25	15
Fluoranthene	23000	F2	2240	12000	4 F2	ug/Kg	☼	-497	62 - 120	17	15
Fluorene	3100	J F1	2240	2730	J F1	ug/Kg	☼	-16	63 - 120	1	15
Hexachlorobenzene	ND	F1	2240	2280	J	ug/Kg	☼	102	60 - 120	NC	15
Hexachlorobutadiene	ND		2240	2010	J	ug/Kg	☼	90	45 - 120	36	44

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-202112-18 MSD
Matrix: Solid
Analysis Batch: 643562

Client Sample ID: TP-9 3-4
Prep Type: Total/NA
Prep Batch: 643386

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexachlorocyclopentadiene	ND		2240	971	J	ug/Kg	☼	43	31 - 120	9	49
Hexachloroethane	ND		2240	975	J	ug/Kg	☼	44	21 - 120	17	46
Indeno[1,2,3-cd]pyrene	6200	F1	2240	6040	F1	ug/Kg	☼	-6	56 - 134	1	15
Isophorone	ND	F1	2240	1640	J	ug/Kg	☼	74	56 - 120	NC	17
N-Nitrosodi-n-propylamine	ND	F1 F2	2240	1400	J F2	ug/Kg	☼	63	46 - 120	44	31
Naphthalene	2000	J F1	2240	1800	J F1	ug/Kg	☼	-8	46 - 120	7	29
Nitrobenzene	ND	F1 F2	2240	862	J F1 F2	ug/Kg	☼	39	49 - 120	41	24
Pentachlorophenol	ND		4470	ND		ug/Kg	☼	NC	25 - 136	NC	35
Phenanthrene	20000	F2	2240	7730	4 F2	ug/Kg	☼	-530	60 - 122	17	15
Phenol	ND	F1	2240	ND	F1	ug/Kg	☼	0	50 - 120	NC	35
Pyrene	17000		2240	9270	4	ug/Kg	☼	-350	61 - 133	18	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*136*	*S1+*	*54 - 120*
2-Fluorobiphenyl	*104*		*60 - 120*
2-Fluorophenol	*34*	*S1-*	*52 - 120*
Nitrobenzene-d5	*66*		*53 - 120*
p-Terphenyl-d14	*120*		*79 - 130*
Phenol-d5	*74*		*54 - 120*

Lab Sample ID: MB 480-643391/1-A
Matrix: Solid
Analysis Batch: 643681

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 643391

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		170	25	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
bis (2-chloroisopropyl) ether	ND		170	33	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
2,4,5-Trichlorophenol	ND		170	45	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
2,4,6-Trichlorophenol	ND		170	33	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
2,4-Dichlorophenol	ND		170	18	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
2,4-Dimethylphenol	ND		170	40	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
2,4-Dinitrophenol	ND		1600	770	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
2,4-Dinitrotoluene	ND		170	34	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
2,6-Dinitrotoluene	ND		170	20	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
2-Chloronaphthalene	ND		170	28	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
1,4-Dioxane	ND		98	54	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
2-Chlorophenol	ND		320	30	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
2-Methylnaphthalene	ND		170	33	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
2-Methylphenol	ND		170	20	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
2-Nitroaniline	ND		320	25	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
2-Nitrophenol	ND		170	47	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
3,3'-Dichlorobenzidine	ND		320	200	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
3-Nitroaniline	ND		320	46	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
4,6-Dinitro-2-methylphenol	ND		320	170	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
4-Bromophenyl phenyl ether	ND		170	24	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
4-Chloro-3-methylphenol	ND		170	41	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
4-Chloroaniline	ND		170	41	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
4-Chlorophenyl phenyl ether	ND		170	21	ug/Kg		09/29/22 15:44	10/03/22 13:24	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-643391/1-A
Matrix: Solid
Analysis Batch: 643681

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 643391

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methylphenol	ND		320	20	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
4-Nitroaniline	ND		320	87	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
4-Nitrophenol	ND		320	120	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Acenaphthene	ND		170	25	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Acenaphthylene	ND		170	22	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Acetophenone	ND		170	23	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Anthracene	ND		170	41	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Atrazine	ND		170	58	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Benzaldehyde	ND		170	130	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Benzo[a]anthracene	ND		170	17	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Benzo[a]pyrene	ND		170	25	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Benzo[b]fluoranthene	ND		170	27	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Benzo[g,h,i]perylene	ND		170	18	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Benzo[k]fluoranthene	ND		170	22	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Bis(2-chloroethoxy)methane	ND		170	35	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Bis(2-chloroethyl)ether	ND		170	22	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Bis(2-ethylhexyl) phthalate	ND		170	57	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Butyl benzyl phthalate	ND		170	28	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Caprolactam	ND		170	50	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Carbazole	ND		170	20	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Chrysene	ND		170	37	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Di-n-butyl phthalate	ND		170	28	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Di-n-octyl phthalate	ND		170	20	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Dibenz(a,h)anthracene	ND		170	29	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Dibenzofuran	ND		170	20	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Diethyl phthalate	78.7	J	170	22	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Dimethyl phthalate	ND		170	20	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Fluoranthene	ND		170	18	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Fluorene	ND		170	20	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Hexachlorobenzene	ND		170	23	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Hexachlorobutadiene	ND		170	25	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Hexachlorocyclopentadiene	ND		170	23	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Hexachloroethane	ND		170	22	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Indeno[1,2,3-cd]pyrene	ND		170	21	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Isophorone	ND		170	35	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
N-Nitrosodi-n-propylamine	ND		170	28	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
N-Nitrosodiphenylamine	ND		170	140	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Naphthalene	ND		170	22	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Nitrobenzene	ND		170	19	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Pentachlorophenol	ND		320	170	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Phenanthrene	ND		170	25	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Phenol	ND		170	26	ug/Kg		09/29/22 15:44	10/03/22 13:24	1
Pyrene	ND		170	20	ug/Kg		09/29/22 15:44	10/03/22 13:24	1

Tentatively Identified Compound	*Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*			*N/A*	*09/29/22 15:44*	*10/03/22 13:24*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-643391/1-A
Matrix: Solid
Analysis Batch: 643681

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 643391

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	106		54 - 120	09/29/22 15:44	10/03/22 13:24	1
2-Fluorobiphenyl	116		60 - 120	09/29/22 15:44	10/03/22 13:24	1
2-Fluorophenol	118		52 - 120	09/29/22 15:44	10/03/22 13:24	1
Nitrobenzene-d5	112		53 - 120	09/29/22 15:44	10/03/22 13:24	1
p-Terphenyl-d14	139	S1+	79 - 130	09/29/22 15:44	10/03/22 13:24	1
Phenol-d5	102		54 - 120	09/29/22 15:44	10/03/22 13:24	1

Lab Sample ID: LCS 480-643391/2-A
Matrix: Solid
Analysis Batch: 643681

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 643391

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	1640	1460		ug/Kg		89	59 - 120
bis (2-chloroisopropyl) ether	1640	1390		ug/Kg		85	44 - 120
2,4,5-Trichlorophenol	1640	1570		ug/Kg		95	59 - 126
2,4,6-Trichlorophenol	1640	1600		ug/Kg		97	59 - 123
2,4-Dichlorophenol	1640	1590		ug/Kg		96	61 - 120
2,4-Dimethylphenol	1640	1450		ug/Kg		88	59 - 120
2,4-Dinitrophenol	3290	3370		ug/Kg		102	41 - 146
2,4-Dinitrotoluene	1640	1500		ug/Kg		91	63 - 120
2,6-Dinitrotoluene	1640	1460		ug/Kg		89	66 - 120
2-Chloronaphthalene	1640	1560		ug/Kg		95	57 - 120
1,4-Dioxane	1640	848		ug/Kg		52	23 - 120
2-Chlorophenol	1640	1510		ug/Kg		92	53 - 120
2-Methylnaphthalene	1640	1330		ug/Kg		81	59 - 120
2-Methylphenol	1640	1280		ug/Kg		78	54 - 120
2-Nitroaniline	1640	1380		ug/Kg		84	61 - 120
2-Nitrophenol	1640	1440		ug/Kg		87	56 - 120
3,3'-Dichlorobenzidine	3290	2270		ug/Kg		69	54 - 120
3-Nitroaniline	1640	805		ug/Kg		49	48 - 120
4,6-Dinitro-2-methylphenol	3290	3390		ug/Kg		103	49 - 122
4-Bromophenyl phenyl ether	1640	1760		ug/Kg		107	58 - 120
4-Chloro-3-methylphenol	1640	1420		ug/Kg		86	61 - 120
4-Chloroaniline	1640	788		ug/Kg		48	38 - 120
4-Chlorophenyl phenyl ether	1640	1900		ug/Kg		116	63 - 124
4-Methylphenol	1640	1350		ug/Kg		82	55 - 120
4-Nitroaniline	1640	1310		ug/Kg		80	56 - 120
4-Nitrophenol	3290	2980		ug/Kg		91	43 - 147
Acenaphthene	1640	1450		ug/Kg		88	62 - 120
Acenaphthylene	1640	1530		ug/Kg		93	58 - 121
Acetophenone	1640	1290		ug/Kg		78	54 - 120
Anthracene	1640	1610		ug/Kg		98	62 - 120
Atrazine	3290	3220		ug/Kg		98	60 - 127
Benzaldehyde	3290	2590		ug/Kg		79	10 - 150
Benzo[a]anthracene	1640	1620		ug/Kg		98	65 - 120
Benzo[a]pyrene	1640	1790		ug/Kg		109	64 - 120
Benzo[b]fluoranthene	1640	1780		ug/Kg		108	64 - 120
Benzo[g,h,i]perylene	1640	1720		ug/Kg		104	45 - 145

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-643391/2-A
Matrix: Solid
Analysis Batch: 643681

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 643391

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[k]fluoranthene	1640	1840		ug/Kg		112	65 - 120
Bis(2-chloroethoxy)methane	1640	1370		ug/Kg		83	55 - 120
Bis(2-chloroethyl)ether	1640	1570		ug/Kg		96	45 - 120
Bis(2-ethylhexyl) phthalate	1640	1330		ug/Kg		81	61 - 133
Butyl benzyl phthalate	1640	1280		ug/Kg		78	61 - 129
Caprolactam	3290	2620		ug/Kg		80	47 - 120
Carbazole	1640	1410		ug/Kg		86	65 - 120
Chrysene	1640	1600		ug/Kg		97	64 - 120
Di-n-butyl phthalate	1640	1430		ug/Kg		87	58 - 130
Di-n-octyl phthalate	1640	1280		ug/Kg		78	57 - 133
Dibenz(a,h)anthracene	1640	1760		ug/Kg		107	54 - 132
Dibenzofuran	1640	1470		ug/Kg		89	63 - 120
Diethyl phthalate	1640	1550		ug/Kg		94	66 - 120
Dimethyl phthalate	1640	1520		ug/Kg		92	65 - 124
Fluoranthene	1640	1540		ug/Kg		94	62 - 120
Fluorene	1640	1580		ug/Kg		96	63 - 120
Hexachlorobenzene	1640	1490		ug/Kg		90	60 - 120
Hexachlorobutadiene	1640	1910		ug/Kg		116	45 - 120
Hexachlorocyclopentadiene	1640	1560		ug/Kg		95	47 - 120
Hexachloroethane	1640	1330		ug/Kg		81	41 - 120
Indeno[1,2,3-cd]pyrene	1640	1770		ug/Kg		108	56 - 134
Isophorone	1640	1440		ug/Kg		88	56 - 120
N-Nitrosodi-n-propylamine	1640	1180		ug/Kg		72	52 - 120
Naphthalene	1640	1430		ug/Kg		87	55 - 120
Nitrobenzene	1640	1420		ug/Kg		86	54 - 120
Pentachlorophenol	3290	2600		ug/Kg		79	51 - 120
Phenanthrene	1640	1570		ug/Kg		96	60 - 120
Phenol	1640	1410		ug/Kg		86	53 - 120
Pyrene	1640	1530		ug/Kg		93	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*113*		*54 - 120*
2-Fluorobiphenyl	*110*		*60 - 120*
2-Fluorophenol	*109*		*52 - 120*
Nitrobenzene-d5	*103*		*53 - 120*
p-Terphenyl-d14	*129*		*79 - 130*
Phenol-d5	*113*		*54 - 120*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-643770/1-A
Matrix: Solid
Analysis Batch: 643820

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 643770

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		1.7	0.32	ug/Kg		10/03/22 15:41	10/04/22 09:50	1
4,4'-DDE	ND		1.7	0.35	ug/Kg		10/03/22 15:41	10/04/22 09:50	1
4,4'-DDT	ND		1.7	0.39	ug/Kg		10/03/22 15:41	10/04/22 09:50	1
Aldrin	ND		1.7	0.41	ug/Kg		10/03/22 15:41	10/04/22 09:50	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 480-643770/1-A
Matrix: Solid
Analysis Batch: 643820

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 643770

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	ND		1.7	0.30	ug/Kg		10/03/22 15:41	10/04/22 09:50	1
cis-Chlordane	ND		1.7	0.82	ug/Kg		10/03/22 15:41	10/04/22 09:50	1
beta-BHC	ND		1.7	0.30	ug/Kg		10/03/22 15:41	10/04/22 09:50	1
delta-BHC	ND		1.7	0.31	ug/Kg		10/03/22 15:41	10/04/22 09:50	1
Dieldrin	ND		1.7	0.40	ug/Kg		10/03/22 15:41	10/04/22 09:50	1
Endosulfan I	ND		1.7	0.32	ug/Kg		10/03/22 15:41	10/04/22 09:50	1
Endosulfan II	ND		1.7	0.30	ug/Kg		10/03/22 15:41	10/04/22 09:50	1
Endosulfan sulfate	ND		1.7	0.31	ug/Kg		10/03/22 15:41	10/04/22 09:50	1
Endrin	ND		1.7	0.33	ug/Kg		10/03/22 15:41	10/04/22 09:50	1
Endrin aldehyde	ND		1.7	0.42	ug/Kg		10/03/22 15:41	10/04/22 09:50	1
Endrin ketone	ND		1.7	0.41	ug/Kg		10/03/22 15:41	10/04/22 09:50	1
gamma-BHC (Lindane)	ND		1.7	0.30	ug/Kg		10/03/22 15:41	10/04/22 09:50	1
trans-Chlordane	ND		1.7	0.53	ug/Kg		10/03/22 15:41	10/04/22 09:50	1
Heptachlor	ND		1.7	0.36	ug/Kg		10/03/22 15:41	10/04/22 09:50	1
Heptachlor epoxide	ND		1.7	0.43	ug/Kg		10/03/22 15:41	10/04/22 09:50	1
Methoxychlor	ND		1.7	0.34	ug/Kg		10/03/22 15:41	10/04/22 09:50	1
Toxaphene	ND		17	9.6	ug/Kg		10/03/22 15:41	10/04/22 09:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*45 - 120*	*10/03/22 15:41*	*10/04/22 09:50*	*1*
DCB Decachlorobiphenyl	*103*		*45 - 120*	*10/03/22 15:41*	*10/04/22 09:50*	*1*
Tetrachloro-m-xylene	*83*		*30 - 124*	*10/03/22 15:41*	*10/04/22 09:50*	*1*
Tetrachloro-m-xylene	*64*		*30 - 124*	*10/03/22 15:41*	*10/04/22 09:50*	*1*

Lab Sample ID: LCS 480-643770/2-A
Matrix: Solid
Analysis Batch: 643820

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 643770

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	16.4	14.6		ug/Kg		89	56 - 120
4,4'-DDE	16.4	14.0		ug/Kg		86	44 - 120
4,4'-DDT	16.4	14.8		ug/Kg		90	38 - 120
Aldrin	16.4	12.7		ug/Kg		77	38 - 120
alpha-BHC	16.4	11.5		ug/Kg		70	39 - 120
cis-Chlordane	16.4	15.5		ug/Kg		95	47 - 120
beta-BHC	16.4	11.7		ug/Kg		72	40 - 120
delta-BHC	16.4	12.6		ug/Kg		77	45 - 120
Dieldrin	16.4	13.9		ug/Kg		85	58 - 120
Endosulfan I	16.4	13.7		ug/Kg		84	49 - 120
Endosulfan II	16.4	13.1		ug/Kg		80	55 - 120
Endosulfan sulfate	16.4	13.2		ug/Kg		81	49 - 124
Endrin	16.4	13.9		ug/Kg		85	58 - 120
Endrin aldehyde	16.4	9.85		ug/Kg		60	37 - 121
Endrin ketone	16.4	14.8		ug/Kg		90	46 - 123
gamma-BHC (Lindane)	16.4	11.3		ug/Kg		69	50 - 120
trans-Chlordane	16.4	14.5		ug/Kg		89	48 - 120
Heptachlor	16.4	13.2		ug/Kg		81	50 - 120
Heptachlor epoxide	16.4	14.3		ug/Kg		87	50 - 120

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 480-643770/2-A
Matrix: Solid
Analysis Batch: 643820

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 643770

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methoxychlor			16.4	15.6		ug/Kg		96	58 - 133		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*90*		*45 - 120*
DCB Decachlorobiphenyl	*100*		*45 - 120*
Tetrachloro-m-xylene	*83*		*30 - 124*
Tetrachloro-m-xylene	*62*		*30 - 124*

Lab Sample ID: 480-202112-18 MS
Matrix: Solid
Analysis Batch: 643820

Client Sample ID: TP-9 3-4
Prep Type: Total/NA
Prep Batch: 643770

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD	14	J	22.3	31.9	J	ug/Kg	☼	80	37 - 126		
4,4'-DDE	ND		22.3	23.7	J	ug/Kg	☼	106	34 - 120		
4,4'-DDT	27	J	22.3	46.6		ug/Kg	☼	87	43 - 123		
Aldrin	ND		22.3	20.6	J	ug/Kg	☼	92	37 - 125		
alpha-BHC	ND		22.3	22.4	J	ug/Kg	☼	100	39 - 120		
cis-Chlordane	ND		22.3	24.6	J	ug/Kg	☼	110	35 - 120		
beta-BHC	ND		22.3	17.4	J	ug/Kg	☼	78	36 - 120		
delta-BHC	ND		22.3	23.1	J	ug/Kg	☼	103	34 - 120		
Dieldrin	ND	F2	22.3	25.5	J	ug/Kg	☼	114	45 - 120		
Endosulfan I	ND		22.3	17.7	J	ug/Kg	☼	79	39 - 120		
Endosulfan II	ND	F1	22.3	29.8	J F1	ug/Kg	☼	134	34 - 126		
Endosulfan sulfate	ND	F1	22.3	29.2	J F1	ug/Kg	☼	131	27 - 130		
Endrin	ND		22.3	19.5	J	ug/Kg	☼	87	47 - 121		
Endrin aldehyde	ND		22.3	25.8	J	ug/Kg	☼	116	33 - 123		
Endrin ketone	ND	F1	22.3	21.6	J	ug/Kg	☼	97	43 - 126		
gamma-BHC (Lindane)	ND	F1	22.3	31.5	J F1	ug/Kg	☼	141	50 - 120		
trans-Chlordane	ND	F1	22.3	ND	F1	ug/Kg	☼	0	31 - 120		
Heptachlor	ND		22.3	19.4	J	ug/Kg	☼	87	42 - 120		
Heptachlor epoxide	ND		22.3	22.7	J	ug/Kg	☼	102	40 - 120		
Methoxychlor	67	F1	22.3	72.7	F1	ug/Kg	☼	26	44 - 150		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*245*	*S1+*	*45 - 120*
DCB Decachlorobiphenyl	*605*	*S1+*	*45 - 120*
Tetrachloro-m-xylene	*149*	*S1+*	*30 - 124*
Tetrachloro-m-xylene	*117*		*30 - 124*

Lab Sample ID: 480-202112-18 MSD
Matrix: Solid
Analysis Batch: 643820

Client Sample ID: TP-9 3-4
Prep Type: Total/NA
Prep Batch: 643770

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	14	J	22.2	30.1	J	ug/Kg	☼	72	37 - 126	6	21
4,4'-DDE	ND		22.2	22.0	J	ug/Kg	☼	99	34 - 120	8	18
4,4'-DDT	27	J	22.2	42.8	J	ug/Kg	☼	70	43 - 123	9	25

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 480-202112-18 MSD
Matrix: Solid
Analysis Batch: 643820

Client Sample ID: TP-9 3-4
Prep Type: Total/NA
Prep Batch: 643770

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aldrin	ND		22.2	20.6	J	ug/Kg	☼	93	37 - 125	0	12
alpha-BHC	ND		22.2	21.2	J	ug/Kg	☼	95	39 - 120	5	15
cis-Chlordane	ND		22.2	23.9	J	ug/Kg	☼	107	35 - 120	3	23
beta-BHC	ND		22.2	16.2	J	ug/Kg	☼	73	36 - 120	7	19
delta-BHC	ND		22.2	22.2	J	ug/Kg	☼	100	34 - 120	4	14
Dieldrin	ND	F2	22.2	21.6	J F2	ug/Kg	☼	97	45 - 120	16	12
Endosulfan I	ND		22.2	16.8	J	ug/Kg	☼	75	39 - 120	5	18
Endosulfan II	ND	F1	22.2	27.7	J	ug/Kg	☼	125	34 - 126	7	26
Endosulfan sulfate	ND	F1	22.2	28.2	J	ug/Kg	☼	127	27 - 130	3	35
Endrin	ND		22.2	17.5	J	ug/Kg	☼	79	47 - 121	11	20
Endrin aldehyde	ND		22.2	26.6	J	ug/Kg	☼	120	33 - 123	3	47
Endrin ketone	ND	F1	22.2	29.9	J F1	ug/Kg	☼	134	43 - 126	32	37
gamma-BHC (Lindane)	ND	F1	22.2	31.1	J F1	ug/Kg	☼	140	50 - 120	1	12
trans-Chlordane	ND	F1	22.2	ND	F1	ug/Kg	☼	0	31 - 120	NC	15
Heptachlor	ND		22.2	17.9	J	ug/Kg	☼	81	42 - 120	8	22
Heptachlor epoxide	ND		22.2	21.3	J	ug/Kg	☼	96	40 - 120	6	15
Methoxychlor	67	F1	22.2	83.1		ug/Kg	☼	73	44 - 150	13	24

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*264*	*S1+*	*45 - 120*
DCB Decachlorobiphenyl	*676*	*S1+*	*45 - 120*
Tetrachloro-m-xylene	*140*	*S1+*	*30 - 124*
Tetrachloro-m-xylene	*109*		*30 - 124*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-643580/1-A
Matrix: Solid
Analysis Batch: 643615

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 643580

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.18	0.036	mg/Kg		09/30/22 16:34	10/02/22 21:37	1
PCB-1221	ND		0.18	0.036	mg/Kg		09/30/22 16:34	10/02/22 21:37	1
PCB-1232	ND		0.18	0.036	mg/Kg		09/30/22 16:34	10/02/22 21:37	1
PCB-1242	ND		0.18	0.036	mg/Kg		09/30/22 16:34	10/02/22 21:37	1
PCB-1248	ND		0.18	0.036	mg/Kg		09/30/22 16:34	10/02/22 21:37	1
PCB-1254	ND		0.18	0.086	mg/Kg		09/30/22 16:34	10/02/22 21:37	1
PCB-1260	ND		0.18	0.086	mg/Kg		09/30/22 16:34	10/02/22 21:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*87*		*60 - 154*	*09/30/22 16:34*	*10/02/22 21:37*	*1*
Tetrachloro-m-xylene	*99*		*60 - 154*	*09/30/22 16:34*	*10/02/22 21:37*	*1*
DCB Decachlorobiphenyl	*86*		*65 - 174*	*09/30/22 16:34*	*10/02/22 21:37*	*1*
DCB Decachlorobiphenyl	*111*		*65 - 174*	*09/30/22 16:34*	*10/02/22 21:37*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 480-643580/2-A
Matrix: Solid
Analysis Batch: 643615

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 643580

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1.77	1.99		mg/Kg		112	51 - 185		
PCB-1260			1.77	1.99		mg/Kg		113	61 - 184		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*99*		*60 - 154*
Tetrachloro-m-xylene	*110*		*60 - 154*
DCB Decachlorobiphenyl	*93*		*65 - 174*
DCB Decachlorobiphenyl	*117*		*65 - 174*

Lab Sample ID: 480-202112-18 MS
Matrix: Solid
Analysis Batch: 643615

Client Sample ID: TP-9 3-4
Prep Type: Total/NA
Prep Batch: 643580

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016	ND		2.59	3.01		mg/Kg	☼	116	50 - 177		
PCB-1260	0.17	J	2.59	4.00		mg/Kg	☼	148	33 - 200		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*98*		*60 - 154*
Tetrachloro-m-xylene	*112*		*60 - 154*
DCB Decachlorobiphenyl	*98*		*65 - 174*
DCB Decachlorobiphenyl	*122*		*65 - 174*

Lab Sample ID: 480-202112-18 MSD
Matrix: Solid
Analysis Batch: 643615

Client Sample ID: TP-9 3-4
Prep Type: Total/NA
Prep Batch: 643580

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		2.95	3.67		mg/Kg	☼	124	50 - 177	20	50
PCB-1260	0.17	J	2.95	4.06		mg/Kg	☼	132	33 - 200	1	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*103*		*60 - 154*
Tetrachloro-m-xylene	*119*		*60 - 154*
DCB Decachlorobiphenyl	*104*		*65 - 174*
DCB Decachlorobiphenyl	*131*		*65 - 174*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 480-643816/1-A
Matrix: Solid
Analysis Batch: 644291

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 643816

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		17	5.3	ug/Kg		10/04/22 07:41	10/06/22 14:42	1
Silvex (2,4,5-TP)	ND		17	5.9	ug/Kg		10/04/22 07:41	10/06/22 14:42	1
2,4-D	ND		17	10	ug/Kg		10/04/22 07:41	10/06/22 14:42	1
Dichlorprop	ND		17	8.2	ug/Kg		10/04/22 07:41	10/06/22 14:42	1

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: MB 480-643816/1-A
Matrix: Solid
Analysis Batch: 644291

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 643816

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		17	5.4	ug/Kg		10/04/22 07:41	10/06/22 14:42	1
Picloram	ND		17	7.1	ug/Kg		10/04/22 07:41	10/06/22 14:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*60*		*28 - 129*	*10/04/22 07:41*	*10/06/22 14:42*	*1*
2,4-Dichlorophenylacetic acid	*60*		*28 - 129*	*10/04/22 07:41*	*10/06/22 14:42*	*1*

Lab Sample ID: LCS 480-643816/2-A
Matrix: Solid
Analysis Batch: 644291

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 643816

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	66.3	49.6		ug/Kg		75	41 - 120
Silvex (2,4,5-TP)	66.3	51.0		ug/Kg		77	39 - 125
2,4-D	66.3	50.3		ug/Kg		76	40 - 120
Dichlorprop	66.3	54.5		ug/Kg		82	34 - 121
Pentachlorophenol	66.3	20.5		ug/Kg		31	10 - 120
Picloram	66.3	43.1		ug/Kg		65	22 - 149

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*80*		*28 - 129*
2,4-Dichlorophenylacetic acid	*76*		*28 - 129*

Lab Sample ID: 480-202112-18 MS
Matrix: Solid
Analysis Batch: 644291

Client Sample ID: TP-9 3-4
Prep Type: Total/NA
Prep Batch: 643816

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	ND		90.0	63.5		ug/Kg	☼	71	29 - 123
Silvex (2,4,5-TP)	ND		90.0	72.0		ug/Kg	☼	80	22 - 140
2,4-D	ND		90.0	67.0		ug/Kg	☼	74	32 - 115
Dichlorprop	ND	F1	90.0	127	F1	ug/Kg	☼	141	28 - 125
Pentachlorophenol	ND		90.0	77.1		ug/Kg	☼	86	10 - 130
Picloram	ND		90.0	26.5		ug/Kg	☼	29	10 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*85*		*28 - 129*
2,4-Dichlorophenylacetic acid	*86*		*28 - 129*

Lab Sample ID: 480-202112-18 MSD
Matrix: Solid
Analysis Batch: 644291

Client Sample ID: TP-9 3-4
Prep Type: Total/NA
Prep Batch: 643816

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T	ND		89.8	58.9		ug/Kg	☼	66	29 - 123	8	50
Silvex (2,4,5-TP)	ND		89.8	68.5		ug/Kg	☼	76	22 - 140	5	50
2,4-D	ND		89.8	63.7		ug/Kg	☼	71	32 - 115	5	50
Dichlorprop	ND	F1	89.8	104		ug/Kg	☼	116	28 - 125	19	50

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: 480-202112-18 MSD
Matrix: Solid
Analysis Batch: 644291

Client Sample ID: TP-9 3-4
Prep Type: Total/NA
Prep Batch: 643816

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pentachlorophenol	ND		89.8	76.6		ug/Kg	☼	85	10 - 130	1	50
Picloram	ND		89.8	22.5		ug/Kg	☼	25	10 - 150	16	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*92*		*28 - 129*
2,4-Dichlorophenylacetic acid	*84*		*28 - 129*

Method: 537 (Modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 410-303355/1-B
Matrix: Solid
Analysis Batch: 307301

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 303355

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.20	0.019	ng/g		10/05/22 11:50	10/17/22 22:58	1
Perfluoroheptanoic acid	ND		0.20	0.024	ng/g		10/05/22 11:50	10/17/22 22:58	1
Perfluorooctanoic acid	ND		0.20	0.022	ng/g		10/05/22 11:50	10/17/22 22:58	1
Perfluorononanoic acid	ND		0.20	0.023	ng/g		10/05/22 11:50	10/17/22 22:58	1
Perfluorodecanoic acid	ND		0.20	0.024	ng/g		10/05/22 11:50	10/17/22 22:58	1
Perfluorotridecanoic acid	ND		0.20	0.021	ng/g		10/05/22 11:50	10/17/22 22:58	1
Perfluorotetradecanoic acid	ND		0.20	0.024	ng/g		10/05/22 11:50	10/17/22 22:58	1
Perfluorobutanesulfonic acid	ND		0.40	0.36	ng/g		10/05/22 11:50	10/17/22 22:58	1
Perfluorohexanesulfonic acid	ND		0.20	0.019	ng/g		10/05/22 11:50	10/17/22 22:58	1
Perfluorooctanesulfonic acid	ND		0.20	0.035	ng/g		10/05/22 11:50	10/17/22 22:58	1
NEtFOSAA	ND		0.20	0.022	ng/g		10/05/22 11:50	10/17/22 22:58	1
NMeFOSAA	ND		0.20	0.031	ng/g		10/05/22 11:50	10/17/22 22:58	1
Perfluoroheptanesulfonic acid	ND		0.20	0.020	ng/g		10/05/22 11:50	10/17/22 22:58	1
Perfluorodecanesulfonic acid	ND		0.20	0.021	ng/g		10/05/22 11:50	10/17/22 22:58	1
Perfluorooctanesulfonamide	ND		0.20	0.021	ng/g		10/05/22 11:50	10/17/22 22:58	1
Perfluorobutanoic acid	ND		0.20	0.024	ng/g		10/05/22 11:50	10/17/22 22:58	1
Perfluoroundecanoic acid	ND		0.20	0.056	ng/g		10/05/22 11:50	10/17/22 22:58	1
Perfluorododecanoic acid	ND		0.20	0.023	ng/g		10/05/22 11:50	10/17/22 22:58	1
6:2 Fluorotelomer sulfonic acid	ND		0.20	0.049	ng/g		10/05/22 11:50	10/17/22 22:58	1
8:2 Fluorotelomer sulfonic acid	ND		0.20	0.017	ng/g		10/05/22 11:50	10/17/22 22:58	1
Perfluoropentanoic acid	ND		0.20	0.024	ng/g		10/05/22 11:50	10/17/22 22:58	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-8:2 FTS	*96*		*15 - 200*	*10/05/22 11:50*	*10/17/22 22:58*	*1*
M2-6:2 FTS	*97*		*10 - 200*	*10/05/22 11:50*	*10/17/22 22:58*	*1*
13C5 PFHxA	*69*		*10 - 174*	*10/05/22 11:50*	*10/17/22 22:58*	*1*
13C4 PFHpA	*74*		*10 - 178*	*10/05/22 11:50*	*10/17/22 22:58*	*1*
13C8 PFOA	*76*		*26 - 159*	*10/05/22 11:50*	*10/17/22 22:58*	*1*
13C9 PFNA	*94*		*26 - 165*	*10/05/22 11:50*	*10/17/22 22:58*	*1*
13C6 PFDA	*78*		*26 - 161*	*10/05/22 11:50*	*10/17/22 22:58*	*1*
13C7 PFUnA	*77*		*12 - 173*	*10/05/22 11:50*	*10/17/22 22:58*	*1*
13C2-PFDoDA	*70*		*11 - 166*	*10/05/22 11:50*	*10/17/22 22:58*	*1*
13C2 PFTeDA	*70*		*10 - 169*	*10/05/22 11:50*	*10/17/22 22:58*	*1*
13C3 PFBS	*76*		*27 - 179*	*10/05/22 11:50*	*10/17/22 22:58*	*1*
13C3 PFHxS	*78*		*24 - 171*	*10/05/22 11:50*	*10/17/22 22:58*	*1*

Method: 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: MB 410-303355/1-B
Matrix: Solid
Analysis Batch: 307301

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 303355

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C8 PFOS	89		41 - 154	10/05/22 11:50	10/17/22 22:58	1
d3-NMeFOSAA	53		10 - 178	10/05/22 11:50	10/17/22 22:58	1
d5-NEtFOSAA	50		10 - 193	10/05/22 11:50	10/17/22 22:58	1
13C8 FOSA	28		14 - 163	10/05/22 11:50	10/17/22 22:58	1
13C4 PFBA	67		28 - 153	10/05/22 11:50	10/17/22 22:58	1
13C5 PFPeA	68		24 - 161	10/05/22 11:50	10/17/22 22:58	1

Lab Sample ID: LCS 410-303355/2-B
Matrix: Solid
Analysis Batch: 307301

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 303355

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorohexanoic acid	2.50	1.99		ng/g		79	59 - 132
Perfluoroheptanoic acid	2.50	1.99		ng/g		80	59 - 137
Perfluorooctanoic acid	2.50	2.04		ng/g		81	59 - 131
Perfluorononanoic acid	2.50	1.99		ng/g		80	61 - 134
Perfluorodecanoic acid	2.50	2.01		ng/g		80	56 - 133
Perfluorotridecanoic acid	2.50	2.11		ng/g		84	53 - 143
Perfluorotetradecanoic acid	2.50	2.03		ng/g		81	62 - 134
Perfluorobutanesulfonic acid	2.21	1.82		ng/g		82	54 - 130
Perfluorohexanesulfonic acid	2.28	1.84		ng/g		81	59 - 129
Perfluorooctanesulfonic acid	2.31	1.83		ng/g		79	61 - 126
NEtFOSAA	2.50	2.10		ng/g		84	57 - 127
NMeFOSAA	2.50	2.02		ng/g		81	60 - 134
Perfluoroheptanesulfonic acid	2.38	2.06		ng/g		87	59 - 132
Perfluorodecanesulfonic acid	2.41	1.85		ng/g		77	57 - 132
Perfluorooctanesulfonamide	2.50	2.16		ng/g		86	47 - 149
Perfluorobutanoic acid	2.50	2.00		ng/g		80	60 - 128
Perfluoroundecanoic acid	2.50	1.95		ng/g		78	60 - 134
Perfluorododecanoic acid	2.50	1.92		ng/g		77	60 - 135
6:2 Fluorotelomer sulfonic acid	2.37	2.08		ng/g		88	59 - 135
8:2 Fluorotelomer sulfonic acid	2.40	2.29		ng/g		96	55 - 133
Perfluoropentanoic acid	2.50	1.95		ng/g		78	58 - 134

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-8:2 FTS	107		15 - 200
M2-6:2 FTS	115		10 - 200
13C5 PFHxA	92		10 - 174
13C4 PFHpA	91		10 - 178
13C8 PFOA	96		26 - 159
13C9 PFNA	121		26 - 165
13C6 PFDA	101		26 - 161
13C7 PFUnA	103		12 - 173
13C2-PFDoDA	95		11 - 166
13C2 PFTeDA	94		10 - 169
13C3 PFBS	91		27 - 179
13C3 PFHxS	86		24 - 171
13C8 PFOS	107		41 - 154
d3-NMeFOSAA	77		10 - 178

Method: 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 410-303355/2-B
Matrix: Solid
Analysis Batch: 307301

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 303355

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
d5-NEtFOSAA	74		10 - 193
13C8 FOSA	58		14 - 163
13C4 PFBA	98		28 - 153
13C5 PFPeA	99		24 - 161

Lab Sample ID: 480-202112-18 MS
Matrix: Solid
Analysis Batch: 307301

Client Sample ID: TP-9 3-4
Prep Type: Total/NA
Prep Batch: 303355

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorohexanoic acid	0.034	J	3.40	3.82		ng/g	☼	111	59 - 132
Perfluoroheptanoic acid	ND		3.40	3.53		ng/g	☼	104	59 - 137
Perfluorooctanoic acid	0.12	J	3.40	4.22		ng/g	☼	120	59 - 131
Perfluorononanoic acid	ND		3.40	3.30		ng/g	☼	97	61 - 134
Perfluorodecanoic acid	ND		3.40	3.80		ng/g	☼	112	56 - 133
Perfluorotridecanoic acid	ND		3.40	3.29		ng/g	☼	97	53 - 143
Perfluorotetradecanoic acid	ND		3.40	3.32		ng/g	☼	98	62 - 134
Perfluorobutanesulfonic acid	ND		3.01	3.03		ng/g	☼	101	54 - 130
Perfluorohexanesulfonic acid	ND		3.10	2.95		ng/g	☼	95	59 - 129
Perfluorooctanesulfonic acid	2.4		3.15	5.51		ng/g	☼	99	61 - 126
NEtFOSAA	0.049	J	3.40	3.52		ng/g	☼	102	57 - 127
NMeFOSAA	ND		3.40	3.25		ng/g	☼	95	60 - 134
Perfluoroheptanesulfonic acid	ND		3.24	3.06		ng/g	☼	94	59 - 132
Perfluorodecanesulfonic acid	ND		3.28	3.18		ng/g	☼	97	57 - 132
Perfluorooctanesulfonamide	ND		3.40	3.55		ng/g	☼	104	47 - 149
Perfluorobutanoic acid	0.059	J	3.40	3.46		ng/g	☼	100	60 - 128
Perfluoroundecanoic acid	ND		3.40	3.60		ng/g	☼	106	60 - 134
Perfluorododecanoic acid	ND		3.40	3.24		ng/g	☼	95	60 - 135
6:2 Fluorotelomer sulfonic acid	ND		3.22	3.09		ng/g	☼	96	59 - 135
8:2 Fluorotelomer sulfonic acid	ND		3.26	3.67		ng/g	☼	113	55 - 133
Perfluoropentanoic acid	ND		3.40	3.41		ng/g	☼	100	58 - 134

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
M2-8:2 FTS	212	*5+	15 - 200
M2-6:2 FTS	250	*5+	10 - 200
13C5 PFHxA	62		10 - 174
13C4 PFHpA	65		10 - 178
13C8 PFOA	65		26 - 159
13C9 PFNA	108		26 - 165
13C6 PFDA	81		26 - 161
13C7 PFUnA	87		12 - 173
13C2-PFDoDA	81		11 - 166
13C2 PFTeDA	80		10 - 169
13C3 PFBS	78		27 - 179
13C3 PFHxS	66		24 - 171
13C8 PFOS	83		41 - 154
d3-NMeFOSAA	83		10 - 178
d5-NEtFOSAA	87		10 - 193
13C8 FOSA	42		14 - 163

Method: 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 480-202112-18 MS
Matrix: Solid
Analysis Batch: 307301

Client Sample ID: TP-9 3-4
Prep Type: Total/NA
Prep Batch: 303355

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C4 PFBA	80		28 - 153
13C5 PFPeA	71		24 - 161

Lab Sample ID: 480-202112-18 MSD
Matrix: Solid
Analysis Batch: 307301

Client Sample ID: TP-9 3-4
Prep Type: Total/NA
Prep Batch: 303355

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorohexanoic acid	0.034	J	3.40	4.00		ng/g	☼	117	59 - 132	5	30
Perfluoroheptanoic acid	ND		3.40	3.54		ng/g	☼	104	59 - 137	0	30
Perfluorooctanoic acid	0.12	J	3.40	4.13		ng/g	☼	118	59 - 131	2	30
Perfluorononanoic acid	ND		3.40	3.36		ng/g	☼	99	61 - 134	2	30
Perfluorodecanoic acid	ND		3.40	3.88		ng/g	☼	114	56 - 133	2	30
Perfluorotridecanoic acid	ND		3.40	3.35		ng/g	☼	99	53 - 143	2	30
Perfluorotetradecanoic acid	ND		3.40	3.31		ng/g	☼	97	62 - 134	1	30
Perfluorobutanesulfonic acid	ND		3.01	3.10		ng/g	☼	103	54 - 130	2	30
Perfluorohexanesulfonic acid	ND		3.10	3.11		ng/g	☼	100	59 - 129	5	30
Perfluorooctanesulfonic acid	2.4		3.14	5.84		ng/g	☼	110	61 - 126	6	30
NEtFOSAA	0.049	J	3.40	3.39		ng/g	☼	98	57 - 127	4	30
NMeFOSAA	ND		3.40	3.33		ng/g	☼	98	60 - 134	2	30
Perfluoroheptanesulfonic acid	ND		3.23	3.16		ng/g	☼	98	59 - 132	3	30
Perfluorodecanesulfonic acid	ND		3.27	3.24		ng/g	☼	99	57 - 132	2	30
Perfluorooctanesulfonamide	ND		3.40	3.60		ng/g	☼	106	47 - 149	1	30
Perfluorobutanoic acid	0.059	J	3.40	3.40		ng/g	☼	98	60 - 128	2	30
Perfluoroundecanoic acid	ND		3.40	3.54		ng/g	☼	104	60 - 134	2	30
Perfluorododecanoic acid	ND		3.40	3.22		ng/g	☼	95	60 - 135	1	30
6:2 Fluorotelomer sulfonic acid	ND		3.22	3.19		ng/g	☼	99	59 - 135	3	30
8:2 Fluorotelomer sulfonic acid	ND		3.25	3.65		ng/g	☼	112	55 - 133	0	30
Perfluoropentanoic acid	ND		3.40	3.52		ng/g	☼	104	58 - 134	3	30

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
M2-8:2 FTS	200		15 - 200
M2-6:2 FTS	238	*5+	10 - 200
13C5 PFHxA	58		10 - 174
13C4 PFHpA	61		10 - 178
13C8 PFOA	61		26 - 159
13C9 PFNA	98		26 - 165
13C6 PFDA	74		26 - 161
13C7 PFUnA	80		12 - 173
13C2-PFDoDA	75		11 - 166
13C2 PFTeDA	70		10 - 169
13C3 PFBS	71		27 - 179
13C3 PFHxS	60		24 - 171
13C8 PFOS	77		41 - 154
d3-NMeFOSAA	76		10 - 178
d5-NEtFOSAA	87		10 - 193
13C8 FOSA	35		14 - 163
13C4 PFBA	75		28 - 153
13C5 PFPeA	65		24 - 161

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-643306/1-A
Matrix: Solid
Analysis Batch: 643712

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 643306

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		10.2	4.5	mg/Kg		09/29/22 11:46	09/30/22 22:04	1
Antimony	ND		15.3	0.41	mg/Kg		09/29/22 11:46	09/30/22 22:04	1
Arsenic	ND		2.0	0.41	mg/Kg		09/29/22 11:46	09/30/22 22:04	1
Barium	ND		0.51	0.11	mg/Kg		09/29/22 11:46	09/30/22 22:04	1
Beryllium	ND		0.20	0.029	mg/Kg		09/29/22 11:46	09/30/22 22:04	1
Cadmium	ND		0.20	0.031	mg/Kg		09/29/22 11:46	09/30/22 22:04	1
Calcium	ND		51.1	3.4	mg/Kg		09/29/22 11:46	09/30/22 22:04	1
Chromium	ND		0.51	0.20	mg/Kg		09/29/22 11:46	09/30/22 22:04	1
Cobalt	ND		0.51	0.051	mg/Kg		09/29/22 11:46	09/30/22 22:04	1
Copper	ND		1.0	0.21	mg/Kg		09/29/22 11:46	09/30/22 22:04	1
Iron	ND		10.2	3.6	mg/Kg		09/29/22 11:46	09/30/22 22:04	1
Lead	ND		1.0	0.25	mg/Kg		09/29/22 11:46	09/30/22 22:04	1
Magnesium	1.31	J	20.4	0.95	mg/Kg		09/29/22 11:46	09/30/22 22:04	1
Manganese	0.0388	J	0.20	0.033	mg/Kg		09/29/22 11:46	09/30/22 22:04	1
Nickel	ND		5.1	0.23	mg/Kg		09/29/22 11:46	09/30/22 22:04	1
Potassium	ND		30.6	20.4	mg/Kg		09/29/22 11:46	09/30/22 22:04	1
Selenium	0.528	J	4.1	0.41	mg/Kg		09/29/22 11:46	09/30/22 22:04	1
Silver	ND		0.61	0.20	mg/Kg		09/29/22 11:46	09/30/22 22:04	1
Thallium	ND		6.1	0.31	mg/Kg		09/29/22 11:46	09/30/22 22:04	1
Vanadium	ND		0.51	0.11	mg/Kg		09/29/22 11:46	09/30/22 22:04	1
Zinc	ND		2.0	0.65	mg/Kg		09/29/22 11:46	09/30/22 22:04	1

Lab Sample ID: MB 480-643306/1-A
Matrix: Solid
Analysis Batch: 643874

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 643306

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.51	0.20	mg/Kg		09/29/22 11:46	10/03/22 19:19	1
Copper	ND		1.0	0.21	mg/Kg		09/29/22 11:46	10/03/22 19:19	1
Iron	ND		10.2	3.6	mg/Kg		09/29/22 11:46	10/03/22 19:19	1
Lead	ND		1.0	0.25	mg/Kg		09/29/22 11:46	10/03/22 19:19	1
Manganese	ND		0.20	0.033	mg/Kg		09/29/22 11:46	10/03/22 19:19	1
Nickel	ND		5.1	0.23	mg/Kg		09/29/22 11:46	10/03/22 19:19	1
Sodium	ND		143	13.3	mg/Kg		09/29/22 11:46	10/03/22 19:19	1
Thallium	ND		6.1	0.31	mg/Kg		09/29/22 11:46	10/03/22 19:19	1
Vanadium	ND		0.51	0.11	mg/Kg		09/29/22 11:46	10/03/22 19:19	1

Lab Sample ID: LCSSRM 480-643306/2-A
Matrix: Solid
Analysis Batch: 643712

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 643306

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	8630	8946		mg/Kg		103.7	50.6 - 149.5
Antimony	129	78.64		mg/Kg		61.0	19.8 - 250.4
Arsenic	84.5	68.09		mg/Kg		80.6	70.1 - 130.2
Barium	249	210.7		mg/Kg		84.6	75.1 - 124.9

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-643306/2-A
Matrix: Solid
Analysis Batch: 643712

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 643306

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	163	126.9		mg/Kg		77.9	74.8 - 125.2
Cadmium	99.0	78.03		mg/Kg		78.8	74.9 - 125.3
Calcium	4760	3851		mg/Kg		80.9	72.7 - 127.5
Chromium	122	97.21		mg/Kg		79.7	70.2 - 130.3
Cobalt	61.7	55.94		mg/Kg		90.7	75.0 - 125.1
Copper	61.5	49.33		mg/Kg		80.2	75.0 - 124.9
Iron	14500	11060		mg/Kg		76.3	35.8 - 164.1
Lead	123	110.0		mg/Kg		89.5	71.8 - 128.5
Magnesium	2360	2088		mg/Kg		88.5	62.7 - 137.7
Manganese	456	373.7		mg/Kg		82.0	76.8 - 123.5
Nickel	135	121.5		mg/Kg		90.0	70.1 - 130.4
Potassium	2090	2272		mg/Kg		108.7	59.3 - 140.7
Selenium	121	95.25		mg/Kg		78.7	66.4 - 133.9
Silver	33.6	34.40		mg/Kg		102.4	68.5 - 131.3
Thallium	144	138.5		mg/Kg		96.2	70.1 - 129.9
Vanadium	186	149.5		mg/Kg		80.4	74.2 - 126.3
Zinc	295	226.2		mg/Kg		76.7	70.2 - 130.2

Lab Sample ID: LCSSRM 480-643306/2-A
Matrix: Solid
Analysis Batch: 643874

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 643306

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	122	103.1		mg/Kg		84.5	70.2 - 130.3
Copper	61.5	51.44		mg/Kg		83.6	75.0 - 124.9
Iron	14500	12480		mg/Kg		86.1	35.8 - 164.1
Lead	123	112.8		mg/Kg		91.7	71.8 - 128.5
Manganese	456	383.4		mg/Kg		84.1	76.8 - 123.5
Nickel	135	129.1		mg/Kg		95.7	70.1 - 130.4
Sodium	136	154.5		mg/Kg		113.6	35.4 - 164.0

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-643306/2-A
Matrix: Solid
Analysis Batch: 643874

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 643306

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	144	140.3		mg/Kg		97.4	70.1 - 129.9
Vanadium	186	157.8		mg/Kg		84.8	74.2 - 126.3

Lab Sample ID: 480-202112-18 MS
Matrix: Solid
Analysis Batch: 643712

Client Sample ID: TP-9 3-4
Prep Type: Total/NA
Prep Batch: 643306

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	11500		2800	14500	4	mg/Kg	☼	107	75 - 125
Antimony	1.7	J	56.0	47.48		mg/Kg	☼	82	75 - 125
Arsenic	15.0		56.1	72.80		mg/Kg	☼	103	75 - 125
Barium	137	F1	56.0	217.3	F1	mg/Kg	☼	143	75 - 125
Beryllium	0.75		56.0	52.97		mg/Kg	☼	93	75 - 125
Cadmium	1.0		56.0	53.78		mg/Kg	☼	94	75 - 125
Calcium	27300		2800	39070	4	mg/Kg	☼	419	75 - 125
Chromium	25.6		56.0	91.06		mg/Kg	☼	117	75 - 125
Cobalt	7.4		56.0	65.95		mg/Kg	☼	105	75 - 125
Copper	67.9	F1	56.0	129.8		mg/Kg	☼	111	75 - 125
Iron	36900		2800	59070	4	mg/Kg	☼	790	75 - 125
Lead	188	F1	56.1	281.6	F1	mg/Kg	☼	167	75 - 125
Magnesium	8940	B F1 F2	2800	14680	F1	mg/Kg	☼	205	75 - 125
Manganese	543	B F2	56.0	967.3	4	mg/Kg	☼	758	75 - 125
Nickel	27.4		56.0	88.33		mg/Kg	☼	109	75 - 125
Potassium	2230		2800	5610		mg/Kg	☼	121	75 - 125
Selenium	0.59	J B	56.0	53.61		mg/Kg	☼	95	75 - 125
Silver	0.27	J F1 F2	14.0	14.10		mg/Kg	☼	99	75 - 125
Sodium	761	B	2800	3050		mg/Kg	☼	82	75 - 125
Thallium	1.5	J	56.0	57.94		mg/Kg	☼	101	75 - 125
Vanadium	28.0		56.1	83.14		mg/Kg	☼	98	75 - 125
Zinc	219	F1	56.0	300.1	F1	mg/Kg	☼	145	75 - 125

Lab Sample ID: 480-202112-18 MSD
Matrix: Solid
Analysis Batch: 643712

Client Sample ID: TP-9 3-4
Prep Type: Total/NA
Prep Batch: 643306

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	11500		2780	13730	4	mg/Kg	☼	80	75 - 125	5	20
Antimony	1.7	J	55.5	43.41		mg/Kg	☼	75	75 - 125	9	20
Arsenic	15.0		55.6	69.60		mg/Kg	☼	98	75 - 125	4	20
Barium	137	F1	55.5	214.0	F1	mg/Kg	☼	139	75 - 125	2	20
Beryllium	0.75		55.5	50.20		mg/Kg	☼	89	75 - 125	5	20
Cadmium	1.0		55.5	51.16		mg/Kg	☼	90	75 - 125	5	20
Calcium	27300		2780	32110	4	mg/Kg	☼	172	75 - 125	20	20
Chromium	25.6		55.5	88.59		mg/Kg	☼	113	75 - 125	3	20
Cobalt	7.4		55.5	64.20		mg/Kg	☼	102	75 - 125	3	20
Copper	67.9	F1	55.5	145.9	F1	mg/Kg	☼	141	75 - 125	12	20
Iron	36900		2780	49850	4	mg/Kg	☼	465	75 - 125	17	20
Lead	188	F1	55.6	290.4	F1	mg/Kg	☼	184	75 - 125	3	20

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-202112-18 MSD
Matrix: Solid
Analysis Batch: 643712

Client Sample ID: TP-9 3-4
Prep Type: Total/NA
Prep Batch: 643306

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Magnesium	8940	B F1 F2	2780	9290	F1 F2	mg/Kg	☼	13	75 - 125	45	20
Manganese	543	B F2	55.5	756.0	4 F2	mg/Kg	☼	384	75 - 125	25	20
Nickel	27.4		55.5	90.06		mg/Kg	☼	113	75 - 125	2	20
Potassium	2230		2780	5365		mg/Kg	☼	113	75 - 125	4	20
Selenium	0.59	J B	55.5	51.91		mg/Kg	☼	92	75 - 125	3	20
Silver	0.27	J F1 F2	13.9	8.46	F1 F2	mg/Kg	☼	59	75 - 125	50	20
Sodium	761	B	2780	2881		mg/Kg	☼	76	75 - 125	6	20
Thallium	1.5	J	55.5	54.84		mg/Kg	☼	96	75 - 125	6	20
Vanadium	28.0		55.6	80.20		mg/Kg	☼	94	75 - 125	4	20
Zinc	219	F1	55.5	322.7	F1	mg/Kg	☼	187	75 - 125	7	20

Lab Sample ID: MB 480-643307/1-A
Matrix: Solid
Analysis Batch: 643705

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 643307

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		9.9	4.4	mg/Kg		09/29/22 11:46	10/01/22 00:09	1
Antimony	ND		14.8	0.40	mg/Kg		09/29/22 11:46	10/01/22 00:09	1
Arsenic	ND		2.0	0.40	mg/Kg		09/29/22 11:46	10/01/22 00:09	1
Barium	ND		0.49	0.11	mg/Kg		09/29/22 11:46	10/01/22 00:09	1
Beryllium	ND		0.20	0.028	mg/Kg		09/29/22 11:46	10/01/22 00:09	1
Cadmium	ND		0.20	0.030	mg/Kg		09/29/22 11:46	10/01/22 00:09	1
Calcium	ND		49.5	3.3	mg/Kg		09/29/22 11:46	10/01/22 00:09	1
Chromium	ND		0.49	0.20	mg/Kg		09/29/22 11:46	10/01/22 00:09	1
Cobalt	ND		0.49	0.049	mg/Kg		09/29/22 11:46	10/01/22 00:09	1
Copper	ND		0.99	0.21	mg/Kg		09/29/22 11:46	10/01/22 00:09	1
Iron	6.54	J	9.9	3.5	mg/Kg		09/29/22 11:46	10/01/22 00:09	1
Lead	ND		0.99	0.24	mg/Kg		09/29/22 11:46	10/01/22 00:09	1
Magnesium	1.34	J	19.8	0.92	mg/Kg		09/29/22 11:46	10/01/22 00:09	1
Manganese	ND		0.20	0.032	mg/Kg		09/29/22 11:46	10/01/22 00:09	1
Nickel	ND		4.9	0.23	mg/Kg		09/29/22 11:46	10/01/22 00:09	1
Potassium	ND		29.7	19.8	mg/Kg		09/29/22 11:46	10/01/22 00:09	1
Selenium	ND		4.0	0.40	mg/Kg		09/29/22 11:46	10/01/22 00:09	1
Silver	ND		0.59	0.20	mg/Kg		09/29/22 11:46	10/01/22 00:09	1
Thallium	ND		5.9	0.30	mg/Kg		09/29/22 11:46	10/01/22 00:09	1
Vanadium	ND		0.49	0.11	mg/Kg		09/29/22 11:46	10/01/22 00:09	1
Zinc	0.660	J	2.0	0.63	mg/Kg		09/29/22 11:46	10/01/22 00:09	1

Lab Sample ID: MB 480-643307/1-A
Matrix: Solid
Analysis Batch: 643763

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 643307

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	ND		139	12.9	mg/Kg		09/29/22 11:46	10/03/22 12:37	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-643307/2-A
Matrix: Solid
Analysis Batch: 643705

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 643307

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	8630	9511		mg/Kg		110.2	50.6 - 149.5
Antimony	129	84.19		mg/Kg		65.3	19.8 - 250.4
Arsenic	84.5	71.73		mg/Kg		84.9	70.1 - 130.2
Barium	249	220.0		mg/Kg		88.4	75.1 - 124.9
Beryllium	163	134.4		mg/Kg		82.5	74.8 - 125.2
Cadmium	99.0	81.03		mg/Kg		81.8	74.9 - 125.3
Calcium	4760	4077		mg/Kg		85.7	72.7 - 127.5
Chromium	122	107.3		mg/Kg		88.0	70.2 - 130.3
Cobalt	61.7	58.30		mg/Kg		94.5	75.0 - 125.1
Copper	61.5	55.04		mg/Kg		89.5	75.0 - 124.9
Iron	14500	11920		mg/Kg		82.2	35.8 - 164.1
Lead	123	115.1		mg/Kg		93.6	71.8 - 128.5
Magnesium	2360	2309		mg/Kg		97.8	62.7 - 137.7
Manganese	456	401.3		mg/Kg		88.0	76.8 - 123.5
Nickel	135	129.1		mg/Kg		95.6	70.1 - 130.4
Potassium	2090	2402		mg/Kg		114.9	59.3 - 140.7
Selenium	121	101.7		mg/Kg		84.0	66.4 - 133.9
Silver	33.6	37.97		mg/Kg		113.0	68.5 - 131.3
Thallium	144	142.0		mg/Kg		98.6	70.1 - 129.9
Vanadium	186	163.2		mg/Kg		87.7	74.2 - 126.3
Zinc	295	237.0		mg/Kg		80.3	70.2 - 130.2

Lab Sample ID: LCSSRM 480-643307/2-A
Matrix: Solid
Analysis Batch: 643763

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 643307

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Sodium	136	162.8		mg/Kg		119.7	35.4 - 164.0

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-202112-23 MS
Matrix: Solid
Analysis Batch: 643705

Client Sample ID: TP-3 2-3'
Prep Type: Total/NA
Prep Batch: 643307

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5370	F1 F2	2420	11330	F1	mg/Kg	☼	247	75 - 125
Antimony	1.6	J	48.3	42.13		mg/Kg	☼	84	75 - 125
Arsenic	9.2		48.4	56.88		mg/Kg	☼	98	75 - 125
Barium	87.8	F1 F2	48.3	153.9	F1	mg/Kg	☼	137	75 - 125
Beryllium	0.65		48.3	43.87		mg/Kg	☼	89	75 - 125
Cadmium	0.31		48.3	43.67		mg/Kg	☼	90	75 - 125
Calcium	9620	F1	2420	44320	F1	mg/Kg	☼	1434	75 - 125
Chromium	27.9	F1 F2	48.3	140.3	F1	mg/Kg	☼	233	75 - 125
Cobalt	8.8		48.3	58.89		mg/Kg	☼	104	75 - 125
Copper	39.2		48.3	90.89		mg/Kg	☼	107	75 - 125
Iron	17700	F2 B	2420	27930	4	mg/Kg	☼	421	75 - 125
Lead	54.3	F1 F2	48.4	131.6	F1	mg/Kg	☼	159	75 - 125
Magnesium	1930	F1 F2 B	2420	5023	F1	mg/Kg	☼	128	75 - 125
Manganese	129	F1 F2	48.3	2207	F1	mg/Kg	☼	4300	75 - 125
Nickel	29.1	F1	48.3	81.34		mg/Kg	☼	108	75 - 125
Potassium	878		2420	3718		mg/Kg	☼	117	75 - 125
Selenium	0.86	J	48.3	45.78		mg/Kg	☼	93	75 - 125
Silver	ND		12.1	12.09		mg/Kg	☼	100	75 - 125
Thallium	2.2	J	48.3	48.52		mg/Kg	☼	96	75 - 125
Vanadium	17.5	F1 F2	48.4	118.9	F1	mg/Kg	☼	209	75 - 125
Zinc	62.8	F1 B	48.3	111.1		mg/Kg	☼	100	75 - 125

Lab Sample ID: 480-202112-23 MS
Matrix: Solid
Analysis Batch: 643763

Client Sample ID: TP-3 2-3'
Prep Type: Total/NA
Prep Batch: 643307

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sodium	299		2420	2756		mg/Kg	☼	102	75 - 125

Lab Sample ID: 480-202112-23 MSD
Matrix: Solid
Analysis Batch: 643705

Client Sample ID: TP-3 2-3'
Prep Type: Total/NA
Prep Batch: 643307

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	5370	F1 F2	2620	16290	F1 F2	mg/Kg	☼	418	75 - 125	36	20
Antimony	1.6	J	52.3	42.64		mg/Kg	☼	79	75 - 125	1	20
Arsenic	9.2		52.4	60.76		mg/Kg	☼	98	75 - 125	7	20
Barium	87.8	F1 F2	52.3	264.4	F1 F2	mg/Kg	☼	338	75 - 125	53	20
Beryllium	0.65		52.3	47.32		mg/Kg	☼	89	75 - 125	8	20
Cadmium	0.31		52.3	46.51		mg/Kg	☼	88	75 - 125	6	20
Calcium	9620	F1	2620	43980	F1	mg/Kg	☼	1313	75 - 125	1	20
Chromium	27.9	F1 F2	52.3	91.99	F2	mg/Kg	☼	123	75 - 125	42	20
Cobalt	8.8		52.3	67.51		mg/Kg	☼	112	75 - 125	14	20
Copper	39.2		52.3	98.22		mg/Kg	☼	113	75 - 125	8	20
Iron	17700	F2 B	2620	40740	4 F2	mg/Kg	☼	879	75 - 125	37	20
Lead	54.3	F1 F2	52.4	104.9	F2	mg/Kg	☼	97	75 - 125	23	20
Magnesium	1930	F1 F2 B	2610	6962	F1 F2	mg/Kg	☼	193	75 - 125	32	20
Manganese	129	F1 F2	52.3	1199	F1 F2	mg/Kg	☼	2047	75 - 125	59	20
Nickel	29.1	F1	52.3	99.90	F1	mg/Kg	☼	135	75 - 125	20	20

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-202112-23 MSD
Matrix: Solid
Analysis Batch: 643705

Client Sample ID: TP-3 2-3'
Prep Type: Total/NA
Prep Batch: 643307

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Potassium	878		2620	4159		mg/Kg	☼	125	75 - 125	11	20
Selenium	0.86	J	52.3	48.44		mg/Kg	☼	91	75 - 125	6	20
Silver	ND		13.1	12.69		mg/Kg	☼	97	75 - 125	5	20
Thallium	2.2	J	52.3	52.48		mg/Kg	☼	96	75 - 125	8	20
Vanadium	17.5	F1 F2	52.4	76.69	F2	mg/Kg	☼	113	75 - 125	43	20
Zinc	62.8	F1 B	52.3	129.1	F1	mg/Kg	☼	127	75 - 125	15	20

Lab Sample ID: 480-202112-23 MSD
Matrix: Solid
Analysis Batch: 643763

Client Sample ID: TP-3 2-3'
Prep Type: Total/NA
Prep Batch: 643307

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sodium	299		2620	2865		mg/Kg	☼	98	75 - 125	4	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-643441/1-A
Matrix: Solid
Analysis Batch: 643543

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 643441

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.019	0.0043	mg/Kg		09/30/22 09:54	09/30/22 13:04	1

Lab Sample ID: LCSSRM 480-643441/2-A ^10
Matrix: Solid
Analysis Batch: 643543

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 643441

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	18.9	18.12		mg/Kg		95.9	59.8 - 139.7

Lab Sample ID: 480-202112-18 MS
Matrix: Solid
Analysis Batch: 643543

Client Sample ID: TP-9 3-4
Prep Type: Total/NA
Prep Batch: 643441

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.21	F1	0.464	0.625		mg/Kg	☼	89	80 - 120

Lab Sample ID: 480-202112-18 MSD
Matrix: Solid
Analysis Batch: 643543

Client Sample ID: TP-9 3-4
Prep Type: Total/NA
Prep Batch: 643441

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.21	F1	0.469	0.584	F1	mg/Kg	☼	79	80 - 120	7	20

Lab Sample ID: MB 480-643442/1-A
Matrix: Solid
Analysis Batch: 643543

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 643442

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.019	0.0045	mg/Kg		09/30/22 09:54	09/30/22 13:42	1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: LCSSRM 480-643442/2-A ^10
Matrix: Solid
Analysis Batch: 643543

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 643442

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			18.9	19.68		mg/Kg		104.1	59.8 - 139.7		

Lab Sample ID: 480-202112-21 MS
Matrix: Solid
Analysis Batch: 643543

Client Sample ID: TP-5 4-5'
Prep Type: Total/NA
Prep Batch: 643442

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.37		0.460	0.763		mg/Kg	☼	86	80 - 120		

Lab Sample ID: 480-202112-21 MSD
Matrix: Solid
Analysis Batch: 643543

Client Sample ID: TP-5 4-5'
Prep Type: Total/NA
Prep Batch: 643442

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.37		0.464	0.738		mg/Kg	☼	80	80 - 120	3	20

QC Association Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

GC/MS VOA

Prep Batch: 643406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-3	TP-22 2-3'	Total/NA	Solid	5035A_L	
480-202112-4	TP-21 3-4'	Total/NA	Solid	5035A_L	
480-202112-11	TP-15 3-4'	Total/NA	Solid	5035A_L	
480-202112-18	TP-9 3-4	Total/NA	Solid	5035A_L	
MB 480-643406/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-643406/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	
480-202112-18 MS	TP-9 3-4	Total/NA	Solid	5035A_L	
480-202112-18 MSD	TP-9 3-4	Total/NA	Solid	5035A_L	

Analysis Batch: 643408

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-3	TP-22 2-3'	Total/NA	Solid	8260C	643406
480-202112-4	TP-21 3-4'	Total/NA	Solid	8260C	643406
480-202112-11	TP-15 3-4'	Total/NA	Solid	8260C	643406
480-202112-18	TP-9 3-4	Total/NA	Solid	8260C	643406
MB 480-643406/2-A	Method Blank	Total/NA	Solid	8260C	643406
LCS 480-643406/1-A	Lab Control Sample	Total/NA	Solid	8260C	643406
480-202112-18 MS	TP-9 3-4	Total/NA	Solid	8260C	643406
480-202112-18 MSD	TP-9 3-4	Total/NA	Solid	8260C	643406

Prep Batch: 643623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-1	TP-24 3-5'	Total/NA	Solid	5035A_L	
480-202112-7	TP-18 4-5'	Total/NA	Solid	5035A_L	
480-202112-8	DUP-1	Total/NA	Solid	5035A_L	
480-202112-15	TP-11 4-5'	Total/NA	Solid	5035A_L	
480-202112-24	TP-2 2-3'	Total/NA	Solid	5035A_L	
MB 480-643623/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-643623/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	
480-202112-24 MS	TP-2 2-3'	Total/NA	Solid	5035A_L	
480-202112-24 MSD	TP-2 2-3'	Total/NA	Solid	5035A_L	

Analysis Batch: 643625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-1	TP-24 3-5'	Total/NA	Solid	8260C	643623
480-202112-7	TP-18 4-5'	Total/NA	Solid	8260C	643623
480-202112-8	DUP-1	Total/NA	Solid	8260C	643623
480-202112-15	TP-11 4-5'	Total/NA	Solid	8260C	643623
480-202112-24	TP-2 2-3'	Total/NA	Solid	8260C	643623
MB 480-643623/2-A	Method Blank	Total/NA	Solid	8260C	643623
LCS 480-643623/1-A	Lab Control Sample	Total/NA	Solid	8260C	643623
480-202112-24 MS	TP-2 2-3'	Total/NA	Solid	8260C	643623
480-202112-24 MSD	TP-2 2-3'	Total/NA	Solid	8260C	643623

GC/MS Semi VOA

Prep Batch: 643386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-1	TP-24 3-5'	Total/NA	Solid	3550C	
480-202112-2	TP-23 2-3'	Total/NA	Solid	3550C	
480-202112-3	TP-22 2-3'	Total/NA	Solid	3550C	

GC/MS Semi VOA (Continued)

Prep Batch: 643386 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-4	TP-21 3-4'	Total/NA	Solid	3550C	
480-202112-5	TP-20 3-4'	Total/NA	Solid	3550C	
480-202112-6	TP-19 4-5'	Total/NA	Solid	3550C	
480-202112-7	TP-18 4-5'	Total/NA	Solid	3550C	
480-202112-8	DUP-1	Total/NA	Solid	3550C	
480-202112-9	TP-17 3-4'	Total/NA	Solid	3550C	
480-202112-10	TP-16 3-4'	Total/NA	Solid	3550C	
480-202112-11	TP-15 3-4'	Total/NA	Solid	3550C	
480-202112-12	TP-14 4-5'	Total/NA	Solid	3550C	
480-202112-13	TP-13 2-3'	Total/NA	Solid	3550C	
480-202112-14	TP-12 3-4'	Total/NA	Solid	3550C	
480-202112-15	TP-11 4-5'	Total/NA	Solid	3550C	
480-202112-16	TP-8 4-5'	Total/NA	Solid	3550C	
480-202112-17	TP-10 4-5'	Total/NA	Solid	3550C	
480-202112-18	TP-9 3-4	Total/NA	Solid	3550C	
480-202112-19	TP-7 1-2'	Total/NA	Solid	3550C	
480-202112-20	TP-6 2-3'	Total/NA	Solid	3550C	
480-202112-20 - DL	TP-6 2-3'	Total/NA	Solid	3550C	
MB 480-643386/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-643386/2-A	Lab Control Sample	Total/NA	Solid	3550C	
480-202112-18 MS	TP-9 3-4	Total/NA	Solid	3550C	
480-202112-18 MSD	TP-9 3-4	Total/NA	Solid	3550C	

Prep Batch: 643391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-21	TP-5 4-5'	Total/NA	Solid	3550C	
480-202112-22	TP-4 2-3'	Total/NA	Solid	3550C	
480-202112-23	TP-3 2-3'	Total/NA	Solid	3550C	
480-202112-24	TP-2 2-3'	Total/NA	Solid	3550C	
480-202112-25	TP-1 2-3'	Total/NA	Solid	3550C	
MB 480-643391/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-643391/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 643468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-21	TP-5 4-5'	Total/NA	Solid	8270D	643391
480-202112-22	TP-4 2-3'	Total/NA	Solid	8270D	643391
480-202112-23	TP-3 2-3'	Total/NA	Solid	8270D	643391
480-202112-24	TP-2 2-3'	Total/NA	Solid	8270D	643391
480-202112-25	TP-1 2-3'	Total/NA	Solid	8270D	643391

Analysis Batch: 643562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-1	TP-24 3-5'	Total/NA	Solid	8270D	643386
480-202112-2	TP-23 2-3'	Total/NA	Solid	8270D	643386
480-202112-3	TP-22 2-3'	Total/NA	Solid	8270D	643386
480-202112-4	TP-21 3-4'	Total/NA	Solid	8270D	643386
480-202112-5	TP-20 3-4'	Total/NA	Solid	8270D	643386
480-202112-6	TP-19 4-5'	Total/NA	Solid	8270D	643386
480-202112-7	TP-18 4-5'	Total/NA	Solid	8270D	643386
480-202112-8	DUP-1	Total/NA	Solid	8270D	643386

GC/MS Semi VOA (Continued)

Analysis Batch: 643562 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-9	TP-17 3-4'	Total/NA	Solid	8270D	643386
480-202112-10	TP-16 3-4'	Total/NA	Solid	8270D	643386
480-202112-11	TP-15 3-4'	Total/NA	Solid	8270D	643386
480-202112-12	TP-14 4-5'	Total/NA	Solid	8270D	643386
480-202112-13	TP-13 2-3'	Total/NA	Solid	8270D	643386
480-202112-14	TP-12 3-4'	Total/NA	Solid	8270D	643386
480-202112-15	TP-11 4-5'	Total/NA	Solid	8270D	643386
480-202112-16	TP-8 4-5'	Total/NA	Solid	8270D	643386
480-202112-17	TP-10 4-5'	Total/NA	Solid	8270D	643386
480-202112-18	TP-9 3-4	Total/NA	Solid	8270D	643386
480-202112-19	TP-7 1-2'	Total/NA	Solid	8270D	643386
480-202112-20	TP-6 2-3'	Total/NA	Solid	8270D	643386
MB 480-643386/1-A	Method Blank	Total/NA	Solid	8270D	643386
LCS 480-643386/2-A	Lab Control Sample	Total/NA	Solid	8270D	643386
480-202112-18 MS	TP-9 3-4	Total/NA	Solid	8270D	643386
480-202112-18 MSD	TP-9 3-4	Total/NA	Solid	8270D	643386

Analysis Batch: 643681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-20 - DL	TP-6 2-3'	Total/NA	Solid	8270D	643386
MB 480-643391/1-A	Method Blank	Total/NA	Solid	8270D	643391
LCS 480-643391/2-A	Lab Control Sample	Total/NA	Solid	8270D	643391

GC Semi VOA

Prep Batch: 643580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-1	TP-24 3-5'	Total/NA	Solid	3550C	
480-202112-3	TP-22 2-3'	Total/NA	Solid	3550C	
480-202112-4	TP-21 3-4'	Total/NA	Solid	3550C	
480-202112-7	TP-18 4-5'	Total/NA	Solid	3550C	
480-202112-8	DUP-1	Total/NA	Solid	3550C	
480-202112-11	TP-15 3-4'	Total/NA	Solid	3550C	
480-202112-15	TP-11 4-5'	Total/NA	Solid	3550C	
480-202112-18	TP-9 3-4	Total/NA	Solid	3550C	
480-202112-24	TP-2 2-3'	Total/NA	Solid	3550C	
MB 480-643580/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-643580/2-A	Lab Control Sample	Total/NA	Solid	3550C	
480-202112-18 MS	TP-9 3-4	Total/NA	Solid	3550C	
480-202112-18 MSD	TP-9 3-4	Total/NA	Solid	3550C	

Analysis Batch: 643615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-1	TP-24 3-5'	Total/NA	Solid	8082A	643580
480-202112-3	TP-22 2-3'	Total/NA	Solid	8082A	643580
480-202112-4	TP-21 3-4'	Total/NA	Solid	8082A	643580
480-202112-7	TP-18 4-5'	Total/NA	Solid	8082A	643580
480-202112-8	DUP-1	Total/NA	Solid	8082A	643580
480-202112-11	TP-15 3-4'	Total/NA	Solid	8082A	643580
480-202112-15	TP-11 4-5'	Total/NA	Solid	8082A	643580
480-202112-18	TP-9 3-4	Total/NA	Solid	8082A	643580

GC Semi VOA (Continued)

Analysis Batch: 643615 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-24	TP-2 2-3'	Total/NA	Solid	8082A	643580
MB 480-643580/1-A	Method Blank	Total/NA	Solid	8082A	643580
LCS 480-643580/2-A	Lab Control Sample	Total/NA	Solid	8082A	643580
480-202112-18 MS	TP-9 3-4	Total/NA	Solid	8082A	643580
480-202112-18 MSD	TP-9 3-4	Total/NA	Solid	8082A	643580

Prep Batch: 643770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-1	TP-24 3-5'	Total/NA	Solid	3550C	
480-202112-3	TP-22 2-3'	Total/NA	Solid	3550C	
480-202112-4	TP-21 3-4'	Total/NA	Solid	3550C	
480-202112-7	TP-18 4-5'	Total/NA	Solid	3550C	
480-202112-8	DUP-1	Total/NA	Solid	3550C	
480-202112-11	TP-15 3-4'	Total/NA	Solid	3550C	
480-202112-15	TP-11 4-5'	Total/NA	Solid	3550C	
480-202112-18	TP-9 3-4	Total/NA	Solid	3550C	
480-202112-24	TP-2 2-3'	Total/NA	Solid	3550C	
MB 480-643770/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-643770/2-A	Lab Control Sample	Total/NA	Solid	3550C	
480-202112-18 MS	TP-9 3-4	Total/NA	Solid	3550C	
480-202112-18 MSD	TP-9 3-4	Total/NA	Solid	3550C	

Prep Batch: 643816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-1	TP-24 3-5'	Total/NA	Solid	8151A	
480-202112-3	TP-22 2-3'	Total/NA	Solid	8151A	
480-202112-4	TP-21 3-4'	Total/NA	Solid	8151A	
480-202112-7	TP-18 4-5'	Total/NA	Solid	8151A	
480-202112-8	DUP-1	Total/NA	Solid	8151A	
480-202112-11	TP-15 3-4'	Total/NA	Solid	8151A	
480-202112-15	TP-11 4-5'	Total/NA	Solid	8151A	
480-202112-18	TP-9 3-4	Total/NA	Solid	8151A	
480-202112-24	TP-2 2-3'	Total/NA	Solid	8151A	
MB 480-643816/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 480-643816/2-A	Lab Control Sample	Total/NA	Solid	8151A	
480-202112-18 MS	TP-9 3-4	Total/NA	Solid	8151A	
480-202112-18 MSD	TP-9 3-4	Total/NA	Solid	8151A	

Analysis Batch: 643820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-1	TP-24 3-5'	Total/NA	Solid	8081B	643770
480-202112-3	TP-22 2-3'	Total/NA	Solid	8081B	643770
480-202112-4	TP-21 3-4'	Total/NA	Solid	8081B	643770
480-202112-7	TP-18 4-5'	Total/NA	Solid	8081B	643770
480-202112-8	DUP-1	Total/NA	Solid	8081B	643770
480-202112-11	TP-15 3-4'	Total/NA	Solid	8081B	643770
480-202112-15	TP-11 4-5'	Total/NA	Solid	8081B	643770
480-202112-18	TP-9 3-4	Total/NA	Solid	8081B	643770
480-202112-24	TP-2 2-3'	Total/NA	Solid	8081B	643770
MB 480-643770/1-A	Method Blank	Total/NA	Solid	8081B	643770
LCS 480-643770/2-A	Lab Control Sample	Total/NA	Solid	8081B	643770

GC Semi VOA (Continued)

Analysis Batch: 643820 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-18 MS	TP-9 3-4	Total/NA	Solid	8081B	643770
480-202112-18 MSD	TP-9 3-4	Total/NA	Solid	8081B	643770

Analysis Batch: 644291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-1	TP-24 3-5'	Total/NA	Solid	8151A	643816
480-202112-3	TP-22 2-3'	Total/NA	Solid	8151A	643816
480-202112-4	TP-21 3-4'	Total/NA	Solid	8151A	643816
480-202112-7	TP-18 4-5'	Total/NA	Solid	8151A	643816
480-202112-8	DUP-1	Total/NA	Solid	8151A	643816
480-202112-11	TP-15 3-4'	Total/NA	Solid	8151A	643816
480-202112-15	TP-11 4-5'	Total/NA	Solid	8151A	643816
480-202112-18	TP-9 3-4	Total/NA	Solid	8151A	643816
MB 480-643816/1-A	Method Blank	Total/NA	Solid	8151A	643816
LCS 480-643816/2-A	Lab Control Sample	Total/NA	Solid	8151A	643816
480-202112-18 MS	TP-9 3-4	Total/NA	Solid	8151A	643816
480-202112-18 MSD	TP-9 3-4	Total/NA	Solid	8151A	643816

Analysis Batch: 644366

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-24	TP-2 2-3'	Total/NA	Solid	8151A	643816

LCMS

Prep Batch: 303355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-1	TP-24 3-5'	Total/NA	Solid	SHAKE	
480-202112-3	TP-22 2-3'	Total/NA	Solid	SHAKE	
480-202112-4	TP-21 3-4'	Total/NA	Solid	SHAKE	
480-202112-7	TP-18 4-5'	Total/NA	Solid	SHAKE	
480-202112-8	DUP-1	Total/NA	Solid	SHAKE	
480-202112-11	TP-15 3-4'	Total/NA	Solid	SHAKE	
480-202112-15	TP-11 4-5'	Total/NA	Solid	SHAKE	
480-202112-18	TP-9 3-4	Total/NA	Solid	SHAKE	
480-202112-24	TP-2 2-3'	Total/NA	Solid	SHAKE	
MB 410-303355/1-B	Method Blank	Total/NA	Solid	SHAKE	
LCS 410-303355/2-B	Lab Control Sample	Total/NA	Solid	SHAKE	
480-202112-18 MS	TP-9 3-4	Total/NA	Solid	SHAKE	
480-202112-18 MSD	TP-9 3-4	Total/NA	Solid	SHAKE	

Cleanup Batch: 306505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-1	TP-24 3-5'	Total/NA	Solid	Extract Aliquot	303355
480-202112-3	TP-22 2-3'	Total/NA	Solid	Extract Aliquot	303355
480-202112-4	TP-21 3-4'	Total/NA	Solid	Extract Aliquot	303355
480-202112-7	TP-18 4-5'	Total/NA	Solid	Extract Aliquot	303355
480-202112-8	DUP-1	Total/NA	Solid	Extract Aliquot	303355
480-202112-11	TP-15 3-4'	Total/NA	Solid	Extract Aliquot	303355
480-202112-15	TP-11 4-5'	Total/NA	Solid	Extract Aliquot	303355
480-202112-18	TP-9 3-4	Total/NA	Solid	Extract Aliquot	303355
480-202112-24	TP-2 2-3'	Total/NA	Solid	Extract Aliquot	303355

LCMS (Continued)

Cleanup Batch: 306505 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-303355/1-B	Method Blank	Total/NA	Solid	Extract Aliquot	303355
LCS 410-303355/2-B	Lab Control Sample	Total/NA	Solid	Extract Aliquot	303355
480-202112-18 MS	TP-9 3-4	Total/NA	Solid	Extract Aliquot	303355
480-202112-18 MSD	TP-9 3-4	Total/NA	Solid	Extract Aliquot	303355

Analysis Batch: 307301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-1	TP-24 3-5'	Total/NA	Solid	537 (Modified)	306505
480-202112-3	TP-22 2-3'	Total/NA	Solid	537 (Modified)	306505
480-202112-4	TP-21 3-4'	Total/NA	Solid	537 (Modified)	306505
480-202112-7	TP-18 4-5'	Total/NA	Solid	537 (Modified)	306505
480-202112-8	DUP-1	Total/NA	Solid	537 (Modified)	306505
480-202112-11	TP-15 3-4'	Total/NA	Solid	537 (Modified)	306505
480-202112-15	TP-11 4-5'	Total/NA	Solid	537 (Modified)	306505
480-202112-18	TP-9 3-4	Total/NA	Solid	537 (Modified)	306505
480-202112-24	TP-2 2-3'	Total/NA	Solid	537 (Modified)	306505
MB 410-303355/1-B	Method Blank	Total/NA	Solid	537 (Modified)	306505
LCS 410-303355/2-B	Lab Control Sample	Total/NA	Solid	537 (Modified)	306505
480-202112-18 MS	TP-9 3-4	Total/NA	Solid	537 (Modified)	306505
480-202112-18 MSD	TP-9 3-4	Total/NA	Solid	537 (Modified)	306505

Metals

Prep Batch: 643306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-1	TP-24 3-5'	Total/NA	Solid	3050B	
480-202112-2	TP-23 2-3'	Total/NA	Solid	3050B	
480-202112-3	TP-22 2-3'	Total/NA	Solid	3050B	
480-202112-4	TP-21 3-4'	Total/NA	Solid	3050B	
480-202112-5	TP-20 3-4'	Total/NA	Solid	3050B	
480-202112-6	TP-19 4-5'	Total/NA	Solid	3050B	
480-202112-7	TP-18 4-5'	Total/NA	Solid	3050B	
480-202112-8	DUP-1	Total/NA	Solid	3050B	
480-202112-9	TP-17 3-4'	Total/NA	Solid	3050B	
480-202112-10	TP-16 3-4'	Total/NA	Solid	3050B	
480-202112-11	TP-15 3-4'	Total/NA	Solid	3050B	
480-202112-12	TP-14 4-5'	Total/NA	Solid	3050B	
480-202112-13	TP-13 2-3'	Total/NA	Solid	3050B	
480-202112-14	TP-12 3-4'	Total/NA	Solid	3050B	
480-202112-15	TP-11 4-5'	Total/NA	Solid	3050B	
480-202112-16	TP-8 4-5'	Total/NA	Solid	3050B	
480-202112-17	TP-10 4-5'	Total/NA	Solid	3050B	
480-202112-18	TP-9 3-4	Total/NA	Solid	3050B	
480-202112-19	TP-7 1-2'	Total/NA	Solid	3050B	
480-202112-20	TP-6 2-3'	Total/NA	Solid	3050B	
MB 480-643306/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-643306/2-A	Lab Control Sample	Total/NA	Solid	3050B	
480-202112-18 MS	TP-9 3-4	Total/NA	Solid	3050B	
480-202112-18 MSD	TP-9 3-4	Total/NA	Solid	3050B	

QC Association Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Metals

Prep Batch: 643307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-21	TP-5 4-5'	Total/NA	Solid	3050B	
480-202112-22	TP-4 2-3'	Total/NA	Solid	3050B	
480-202112-23	TP-3 2-3'	Total/NA	Solid	3050B	
480-202112-24	TP-2 2-3'	Total/NA	Solid	3050B	
480-202112-25	TP-1 2-3'	Total/NA	Solid	3050B	
MB 480-643307/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-643307/2-A	Lab Control Sample	Total/NA	Solid	3050B	
480-202112-23 MS	TP-3 2-3'	Total/NA	Solid	3050B	
480-202112-23 MSD	TP-3 2-3'	Total/NA	Solid	3050B	

Prep Batch: 643441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-1	TP-24 3-5'	Total/NA	Solid	7471B	
480-202112-2	TP-23 2-3'	Total/NA	Solid	7471B	
480-202112-3	TP-22 2-3'	Total/NA	Solid	7471B	
480-202112-4	TP-21 3-4'	Total/NA	Solid	7471B	
480-202112-5	TP-20 3-4'	Total/NA	Solid	7471B	
480-202112-6	TP-19 4-5'	Total/NA	Solid	7471B	
480-202112-7	TP-18 4-5'	Total/NA	Solid	7471B	
480-202112-8	DUP-1	Total/NA	Solid	7471B	
480-202112-9	TP-17 3-4'	Total/NA	Solid	7471B	
480-202112-10	TP-16 3-4'	Total/NA	Solid	7471B	
480-202112-11	TP-15 3-4'	Total/NA	Solid	7471B	
480-202112-12	TP-14 4-5'	Total/NA	Solid	7471B	
480-202112-13	TP-13 2-3'	Total/NA	Solid	7471B	
480-202112-14	TP-12 3-4'	Total/NA	Solid	7471B	
480-202112-15	TP-11 4-5'	Total/NA	Solid	7471B	
480-202112-16	TP-8 4-5'	Total/NA	Solid	7471B	
480-202112-17	TP-10 4-5'	Total/NA	Solid	7471B	
480-202112-18	TP-9 3-4	Total/NA	Solid	7471B	
480-202112-19	TP-7 1-2'	Total/NA	Solid	7471B	
480-202112-20	TP-6 2-3'	Total/NA	Solid	7471B	
MB 480-643441/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-643441/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	
480-202112-18 MS	TP-9 3-4	Total/NA	Solid	7471B	
480-202112-18 MSD	TP-9 3-4	Total/NA	Solid	7471B	

Prep Batch: 643442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-21	TP-5 4-5'	Total/NA	Solid	7471B	
480-202112-22	TP-4 2-3'	Total/NA	Solid	7471B	
480-202112-23	TP-3 2-3'	Total/NA	Solid	7471B	
480-202112-24	TP-2 2-3'	Total/NA	Solid	7471B	
480-202112-25	TP-1 2-3'	Total/NA	Solid	7471B	
MB 480-643442/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-643442/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	
480-202112-21 MS	TP-5 4-5'	Total/NA	Solid	7471B	
480-202112-21 MSD	TP-5 4-5'	Total/NA	Solid	7471B	

Metals

Analysis Batch: 643543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-1	TP-24 3-5'	Total/NA	Solid	7471B	643441
480-202112-2	TP-23 2-3'	Total/NA	Solid	7471B	643441
480-202112-3	TP-22 2-3'	Total/NA	Solid	7471B	643441
480-202112-4	TP-21 3-4'	Total/NA	Solid	7471B	643441
480-202112-5	TP-20 3-4'	Total/NA	Solid	7471B	643441
480-202112-6	TP-19 4-5'	Total/NA	Solid	7471B	643441
480-202112-7	TP-18 4-5'	Total/NA	Solid	7471B	643441
480-202112-8	DUP-1	Total/NA	Solid	7471B	643441
480-202112-9	TP-17 3-4'	Total/NA	Solid	7471B	643441
480-202112-10	TP-16 3-4'	Total/NA	Solid	7471B	643441
480-202112-11	TP-15 3-4'	Total/NA	Solid	7471B	643441
480-202112-12	TP-14 4-5'	Total/NA	Solid	7471B	643441
480-202112-13	TP-13 2-3'	Total/NA	Solid	7471B	643441
480-202112-14	TP-12 3-4'	Total/NA	Solid	7471B	643441
480-202112-15	TP-11 4-5'	Total/NA	Solid	7471B	643441
480-202112-16	TP-8 4-5'	Total/NA	Solid	7471B	643441
480-202112-17	TP-10 4-5'	Total/NA	Solid	7471B	643441
480-202112-18	TP-9 3-4	Total/NA	Solid	7471B	643441
480-202112-19	TP-7 1-2'	Total/NA	Solid	7471B	643441
480-202112-20	TP-6 2-3'	Total/NA	Solid	7471B	643441
480-202112-21	TP-5 4-5'	Total/NA	Solid	7471B	643442
480-202112-22	TP-4 2-3'	Total/NA	Solid	7471B	643442
480-202112-23	TP-3 2-3'	Total/NA	Solid	7471B	643442
480-202112-24	TP-2 2-3'	Total/NA	Solid	7471B	643442
480-202112-25	TP-1 2-3'	Total/NA	Solid	7471B	643442
MB 480-643441/1-A	Method Blank	Total/NA	Solid	7471B	643441
MB 480-643442/1-A	Method Blank	Total/NA	Solid	7471B	643442
LCSSRM 480-643441/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	643441
LCSSRM 480-643442/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	643442
480-202112-18 MS	TP-9 3-4	Total/NA	Solid	7471B	643441
480-202112-18 MSD	TP-9 3-4	Total/NA	Solid	7471B	643441
480-202112-21 MS	TP-5 4-5'	Total/NA	Solid	7471B	643442
480-202112-21 MSD	TP-5 4-5'	Total/NA	Solid	7471B	643442

Analysis Batch: 643705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-21	TP-5 4-5'	Total/NA	Solid	6010C	643307
480-202112-22	TP-4 2-3'	Total/NA	Solid	6010C	643307
480-202112-23	TP-3 2-3'	Total/NA	Solid	6010C	643307
480-202112-24	TP-2 2-3'	Total/NA	Solid	6010C	643307
480-202112-25	TP-1 2-3'	Total/NA	Solid	6010C	643307
MB 480-643307/1-A	Method Blank	Total/NA	Solid	6010C	643307
LCSSRM 480-643307/2-A	Lab Control Sample	Total/NA	Solid	6010C	643307
480-202112-23 MS	TP-3 2-3'	Total/NA	Solid	6010C	643307
480-202112-23 MSD	TP-3 2-3'	Total/NA	Solid	6010C	643307

Analysis Batch: 643712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-1	TP-24 3-5'	Total/NA	Solid	6010C	643306
480-202112-2	TP-23 2-3'	Total/NA	Solid	6010C	643306
480-202112-3	TP-22 2-3'	Total/NA	Solid	6010C	643306

Metals (Continued)

Analysis Batch: 643712 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-4	TP-21 3-4'	Total/NA	Solid	6010C	643306
480-202112-5	TP-20 3-4'	Total/NA	Solid	6010C	643306
480-202112-6	TP-19 4-5'	Total/NA	Solid	6010C	643306
480-202112-7	TP-18 4-5'	Total/NA	Solid	6010C	643306
480-202112-8	DUP-1	Total/NA	Solid	6010C	643306
480-202112-9	TP-17 3-4'	Total/NA	Solid	6010C	643306
480-202112-10	TP-16 3-4'	Total/NA	Solid	6010C	643306
480-202112-11	TP-15 3-4'	Total/NA	Solid	6010C	643306
480-202112-12	TP-14 4-5'	Total/NA	Solid	6010C	643306
480-202112-13	TP-13 2-3'	Total/NA	Solid	6010C	643306
480-202112-14	TP-12 3-4'	Total/NA	Solid	6010C	643306
480-202112-15	TP-11 4-5'	Total/NA	Solid	6010C	643306
480-202112-16	TP-8 4-5'	Total/NA	Solid	6010C	643306
480-202112-17	TP-10 4-5'	Total/NA	Solid	6010C	643306
480-202112-18	TP-9 3-4	Total/NA	Solid	6010C	643306
480-202112-19	TP-7 1-2'	Total/NA	Solid	6010C	643306
480-202112-20	TP-6 2-3'	Total/NA	Solid	6010C	643306
MB 480-643306/1-A	Method Blank	Total/NA	Solid	6010C	643306
LCSSRM 480-643306/2-A	Lab Control Sample	Total/NA	Solid	6010C	643306
480-202112-18 MS	TP-9 3-4	Total/NA	Solid	6010C	643306
480-202112-18 MSD	TP-9 3-4	Total/NA	Solid	6010C	643306

Analysis Batch: 643763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-21	TP-5 4-5'	Total/NA	Solid	6010C	643307
480-202112-22	TP-4 2-3'	Total/NA	Solid	6010C	643307
480-202112-23	TP-3 2-3'	Total/NA	Solid	6010C	643307
480-202112-24	TP-2 2-3'	Total/NA	Solid	6010C	643307
480-202112-25	TP-1 2-3'	Total/NA	Solid	6010C	643307
MB 480-643307/1-A	Method Blank	Total/NA	Solid	6010C	643307
LCSSRM 480-643307/2-A	Lab Control Sample	Total/NA	Solid	6010C	643307
480-202112-23 MS	TP-3 2-3'	Total/NA	Solid	6010C	643307
480-202112-23 MSD	TP-3 2-3'	Total/NA	Solid	6010C	643307

Analysis Batch: 643874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-1	TP-24 3-5'	Total/NA	Solid	6010C	643306
480-202112-2	TP-23 2-3'	Total/NA	Solid	6010C	643306
480-202112-3	TP-22 2-3'	Total/NA	Solid	6010C	643306
480-202112-3	TP-22 2-3'	Total/NA	Solid	6010C	643306
480-202112-4	TP-21 3-4'	Total/NA	Solid	6010C	643306
480-202112-5	TP-20 3-4'	Total/NA	Solid	6010C	643306
480-202112-6	TP-19 4-5'	Total/NA	Solid	6010C	643306
480-202112-7	TP-18 4-5'	Total/NA	Solid	6010C	643306
480-202112-12	TP-14 4-5'	Total/NA	Solid	6010C	643306
MB 480-643306/1-A	Method Blank	Total/NA	Solid	6010C	643306
LCSSRM 480-643306/2-A	Lab Control Sample	Total/NA	Solid	6010C	643306

QC Association Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

General Chemistry

Analysis Batch: 643401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202112-1	TP-24 3-5'	Total/NA	Solid	Moisture	
480-202112-2	TP-23 2-3'	Total/NA	Solid	Moisture	
480-202112-3	TP-22 2-3'	Total/NA	Solid	Moisture	
480-202112-4	TP-21 3-4'	Total/NA	Solid	Moisture	
480-202112-5	TP-20 3-4'	Total/NA	Solid	Moisture	
480-202112-6	TP-19 4-5'	Total/NA	Solid	Moisture	
480-202112-7	TP-18 4-5'	Total/NA	Solid	Moisture	
480-202112-8	DUP-1	Total/NA	Solid	Moisture	
480-202112-9	TP-17 3-4'	Total/NA	Solid	Moisture	
480-202112-10	TP-16 3-4'	Total/NA	Solid	Moisture	
480-202112-11	TP-15 3-4'	Total/NA	Solid	Moisture	
480-202112-12	TP-14 4-5'	Total/NA	Solid	Moisture	
480-202112-13	TP-13 2-3'	Total/NA	Solid	Moisture	
480-202112-14	TP-12 3-4'	Total/NA	Solid	Moisture	
480-202112-15	TP-11 4-5'	Total/NA	Solid	Moisture	
480-202112-16	TP-8 4-5'	Total/NA	Solid	Moisture	
480-202112-17	TP-10 4-5'	Total/NA	Solid	Moisture	
480-202112-18	TP-9 3-4	Total/NA	Solid	Moisture	
480-202112-19	TP-7 1-2'	Total/NA	Solid	Moisture	
480-202112-20	TP-6 2-3'	Total/NA	Solid	Moisture	
480-202112-21	TP-5 4-5'	Total/NA	Solid	Moisture	
480-202112-22	TP-4 2-3'	Total/NA	Solid	Moisture	
480-202112-23	TP-3 2-3'	Total/NA	Solid	Moisture	
480-202112-24	TP-2 2-3'	Total/NA	Solid	Moisture	
480-202112-25	TP-1 2-3'	Total/NA	Solid	Moisture	
480-202112-18 MS	TP-9 3-4	Total/NA	Solid	Moisture	
480-202112-18 MSD	TP-9 3-4	Total/NA	Solid	Moisture	

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-24 3-5'
Date Collected: 09/26/22 09:25
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	643401	IMZ	EET BUF	09/29/22 16:57

Client Sample ID: TP-24 3-5'
Date Collected: 09/26/22 09:25
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-1
Matrix: Solid
Percent Solids: 83.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			643623	CDC	EET BUF	09/28/22 16:30
Total/NA	Analysis	8260C		1	643625	CDC	EET BUF	10/02/22 21:44
Total/NA	Prep	3550C			643386	SJM	EET BUF	09/29/22 15:38
Total/NA	Analysis	8270D		1	643562	RJS	EET BUF	09/30/22 19:03
Total/NA	Prep	3550C			643770	SJM	EET BUF	10/03/22 15:41
Total/NA	Analysis	8081B		5	643820	JLS	EET BUF	10/04/22 11:28
Total/NA	Prep	3550C			643580	SJM	EET BUF	09/30/22 16:34
Total/NA	Analysis	8082A		1	643615	NC	EET BUF	10/02/22 23:10
Total/NA	Prep	8151A			643816	MLK	EET BUF	10/04/22 07:41
Total/NA	Analysis	8151A		1	644291	JLS	EET BUF	10/06/22 16:12
Total/NA	Prep	SHAKE			303355	D5VP	ELLE	10/05/22 11:50
Total/NA	Cleanup	Extract Aliquot			306505	X5YV	ELLE	10/13/22 22:15
Total/NA	Analysis	537 (Modified)		1	307301	ZG8V	ELLE	10/18/22 00:04
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643712	LMH	EET BUF	09/30/22 22:11
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643874	BMB	EET BUF	10/03/22 19:27
Total/NA	Prep	7471B			643441	NVK	EET BUF	09/30/22 09:54
Total/NA	Analysis	7471B		1	643543	NVK	EET BUF	09/30/22 13:07

Client Sample ID: TP-23 2-3'
Date Collected: 09/26/22 12:05
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	643401	IMZ	EET BUF	09/29/22 16:57

Client Sample ID: TP-23 2-3'
Date Collected: 09/26/22 12:05
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-2
Matrix: Solid
Percent Solids: 80.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			643386	SJM	EET BUF	09/29/22 15:38
Total/NA	Analysis	8270D		1	643562	RJS	EET BUF	09/30/22 19:27
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643712	LMH	EET BUF	09/30/22 22:15
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643874	BMB	EET BUF	10/03/22 19:31

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-23 2-3'
Date Collected: 09/26/22 12:05
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-2
Matrix: Solid
Percent Solids: 80.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			643441	NVK	EET BUF	09/30/22 09:54
Total/NA	Analysis	7471B		1	643543	NVK	EET BUF	09/30/22 13:08

Client Sample ID: TP-22 2-3'
Date Collected: 09/26/22 13:50
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	643401	IMZ	EET BUF	09/29/22 16:57

Client Sample ID: TP-22 2-3'
Date Collected: 09/26/22 13:50
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-3
Matrix: Solid
Percent Solids: 86.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			643406	CDC	EET BUF	09/28/22 16:30
Total/NA	Analysis	8260C		1	643408	CDC	EET BUF	09/29/22 23:03
Total/NA	Prep	3550C			643386	SJM	EET BUF	09/29/22 15:38
Total/NA	Analysis	8270D		1	643562	RJS	EET BUF	09/30/22 19:52
Total/NA	Prep	3550C			643770	SJM	EET BUF	10/03/22 15:41
Total/NA	Analysis	8081B		1	643820	JLS	EET BUF	10/04/22 11:47
Total/NA	Prep	3550C			643580	SJM	EET BUF	09/30/22 16:34
Total/NA	Analysis	8082A		1	643615	NC	EET BUF	10/02/22 23:24
Total/NA	Prep	8151A			643816	MLK	EET BUF	10/04/22 07:41
Total/NA	Analysis	8151A		1	644291	JLS	EET BUF	10/06/22 16:30
Total/NA	Prep	SHAKE			303355	D5VP	ELLE	10/05/22 11:50
Total/NA	Cleanup	Extract Aliquot			306505	X5YV	ELLE	10/13/22 22:15
Total/NA	Analysis	537 (Modified)		1	307301	ZG8V	ELLE	10/18/22 00:15
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643712	LMH	EET BUF	09/30/22 22:19
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643874	BMB	EET BUF	10/03/22 19:35
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		5	643874	BMB	EET BUF	10/03/22 19:39
Total/NA	Prep	7471B			643441	NVK	EET BUF	09/30/22 09:54
Total/NA	Analysis	7471B		1	643543	NVK	EET BUF	09/30/22 13:09

Client Sample ID: TP-21 3-4'
Date Collected: 09/27/22 08:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	643401	IMZ	EET BUF	09/29/22 16:57

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-21 3-4'

Lab Sample ID: 480-202112-4
Date Collected: 09/27/22 08:00
Matrix: Solid
Date Received: 09/28/22 14:30
Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			643406	CDC	EET BUF	09/28/22 16:30
Total/NA	Analysis	8260C		1	643408	CDC	EET BUF	09/29/22 23:28
Total/NA	Prep	3550C			643386	SJM	EET BUF	09/29/22 15:38
Total/NA	Analysis	8270D		1	643562	RJS	EET BUF	09/30/22 20:16
Total/NA	Prep	3550C			643770	SJM	EET BUF	10/03/22 15:41
Total/NA	Analysis	8081B		1	643820	JLS	EET BUF	10/04/22 12:07
Total/NA	Prep	3550C			643580	SJM	EET BUF	09/30/22 16:34
Total/NA	Analysis	8082A		1	643615	NC	EET BUF	10/02/22 23:37
Total/NA	Prep	8151A			643816	MLK	EET BUF	10/04/22 07:41
Total/NA	Analysis	8151A		1	644291	JLS	EET BUF	10/06/22 16:49
Total/NA	Prep	SHAKE			303355	D5VP	ELLE	10/05/22 11:50
Total/NA	Cleanup	Extract Aliquot			306505	X5YV	ELLE	10/13/22 22:15
Total/NA	Analysis	537 (Modified)		1	307301	ZG8V	ELLE	10/18/22 00:26
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643712	LMH	EET BUF	09/30/22 22:23
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643874	BMB	EET BUF	10/03/22 19:43
Total/NA	Prep	7471B			643441	NVK	EET BUF	09/30/22 09:54
Total/NA	Analysis	7471B		1	643543	NVK	EET BUF	09/30/22 13:10

Client Sample ID: TP-20 3-4'

Lab Sample ID: 480-202112-5
Date Collected: 09/27/22 08:35
Matrix: Solid
Date Received: 09/28/22 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	643401	IMZ	EET BUF	09/29/22 16:57

Client Sample ID: TP-20 3-4'

Lab Sample ID: 480-202112-5
Date Collected: 09/27/22 08:35
Matrix: Solid
Date Received: 09/28/22 14:30
Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			643386	SJM	EET BUF	09/29/22 15:38
Total/NA	Analysis	8270D		20	643562	RJS	EET BUF	09/30/22 20:40
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643712	LMH	EET BUF	09/30/22 22:27
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643874	BMB	EET BUF	10/03/22 19:58
Total/NA	Prep	7471B			643441	NVK	EET BUF	09/30/22 09:54
Total/NA	Analysis	7471B		1	643543	NVK	EET BUF	09/30/22 13:12

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-19 4-5'
Date Collected: 09/27/22 09:15
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	643401	IMZ	EET BUF	09/29/22 16:57

Client Sample ID: TP-19 4-5'
Date Collected: 09/27/22 09:15
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-6
Matrix: Solid
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			643386	SJM	EET BUF	09/29/22 15:38
Total/NA	Analysis	8270D		1	643562	RJS	EET BUF	09/30/22 21:04
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643712	LMH	EET BUF	09/30/22 22:31
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643874	BMB	EET BUF	10/03/22 20:02
Total/NA	Prep	7471B			643441	NVK	EET BUF	09/30/22 09:54
Total/NA	Analysis	7471B		1	643543	NVK	EET BUF	09/30/22 13:13

Client Sample ID: TP-18 4-5'
Date Collected: 09/27/22 10:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	643401	IMZ	EET BUF	09/29/22 16:57

Client Sample ID: TP-18 4-5'
Date Collected: 09/27/22 10:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-7
Matrix: Solid
Percent Solids: 80.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			643623	CDC	EET BUF	09/28/22 16:30
Total/NA	Analysis	8260C		1	643625	CDC	EET BUF	10/02/22 22:07
Total/NA	Prep	3550C			643386	SJM	EET BUF	09/29/22 15:38
Total/NA	Analysis	8270D		1	643562	RJS	EET BUF	09/30/22 21:29
Total/NA	Prep	3550C			643770	SJM	EET BUF	10/03/22 15:41
Total/NA	Analysis	8081B		1	643820	JLS	EET BUF	10/04/22 12:27
Total/NA	Prep	3550C			643580	SJM	EET BUF	09/30/22 16:34
Total/NA	Analysis	8082A		1	643615	NC	EET BUF	10/02/22 23:50
Total/NA	Prep	8151A			643816	MLK	EET BUF	10/04/22 07:41
Total/NA	Analysis	8151A		1	644291	JLS	EET BUF	10/06/22 17:07
Total/NA	Prep	SHAKE			303355	D5VP	ELLE	10/05/22 11:50
Total/NA	Cleanup	Extract Aliquot			306505	X5YV	ELLE	10/13/22 22:15
Total/NA	Analysis	537 (Modified)		1	307301	ZG8V	ELLE	10/18/22 00:37
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643712	LMH	EET BUF	09/30/22 22:35
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643874	BMB	EET BUF	10/03/22 20:06

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-18 4-5'
Date Collected: 09/27/22 10:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-7
Matrix: Solid
Percent Solids: 80.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			643441	NVK	EET BUF	09/30/22 09:54
Total/NA	Analysis	7471B		1	643543	NVK	EET BUF	09/30/22 13:14

Client Sample ID: DUP-1
Date Collected: 09/27/22 10:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	643401	IMZ	EET BUF	09/29/22 16:57

Client Sample ID: DUP-1
Date Collected: 09/27/22 10:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-8
Matrix: Solid
Percent Solids: 81.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			643623	CDC	EET BUF	09/28/22 16:30
Total/NA	Analysis	8260C		1	643625	CDC	EET BUF	10/02/22 22:31
Total/NA	Prep	3550C			643386	SJM	EET BUF	09/29/22 15:38
Total/NA	Analysis	8270D		1	643562	RJS	EET BUF	09/30/22 21:53
Total/NA	Prep	3550C			643770	SJM	EET BUF	10/03/22 15:41
Total/NA	Analysis	8081B		1	643820	JLS	EET BUF	10/04/22 12:46
Total/NA	Prep	3550C			643580	SJM	EET BUF	09/30/22 16:34
Total/NA	Analysis	8082A		1	643615	NC	EET BUF	10/03/22 00:04
Total/NA	Prep	8151A			643816	MLK	EET BUF	10/04/22 07:41
Total/NA	Analysis	8151A		1	644291	JLS	EET BUF	10/06/22 17:26
Total/NA	Prep	SHAKE			303355	D5VP	ELLE	10/05/22 11:50
Total/NA	Cleanup	Extract Aliquot			306505	X5YV	ELLE	10/13/22 22:15
Total/NA	Analysis	537 (Modified)		1	307301	ZG8V	ELLE	10/18/22 00:49
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643712	LMH	EET BUF	09/30/22 22:50
Total/NA	Prep	7471B			643441	NVK	EET BUF	09/30/22 09:54
Total/NA	Analysis	7471B		1	643543	NVK	EET BUF	09/30/22 13:16

Client Sample ID: TP-17 3-4'
Date Collected: 09/27/22 10:30
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	643401	IMZ	EET BUF	09/29/22 16:57

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-17 3-4'
Date Collected: 09/27/22 10:30
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-9
Matrix: Solid
Percent Solids: 80.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			643386	SJM	EET BUF	09/29/22 15:38
Total/NA	Analysis	8270D		10	643562	RJS	EET BUF	09/30/22 22:17
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643712	LMH	EET BUF	09/30/22 22:54
Total/NA	Prep	7471B			643441	NVK	EET BUF	09/30/22 09:54
Total/NA	Analysis	7471B		1	643543	NVK	EET BUF	09/30/22 13:20

Client Sample ID: TP-16 3-4'
Date Collected: 09/27/22 11:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	643401	IMZ	EET BUF	09/29/22 16:57

Client Sample ID: TP-16 3-4'
Date Collected: 09/27/22 11:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-10
Matrix: Solid
Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			643386	SJM	EET BUF	09/29/22 15:38
Total/NA	Analysis	8270D		5	643562	RJS	EET BUF	09/30/22 22:41
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643712	LMH	EET BUF	09/30/22 22:58
Total/NA	Prep	7471B			643441	NVK	EET BUF	09/30/22 09:54
Total/NA	Analysis	7471B		1	643543	NVK	EET BUF	09/30/22 13:21

Client Sample ID: TP-15 3-4'
Date Collected: 09/27/22 12:10
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	643401	IMZ	EET BUF	09/29/22 16:57

Client Sample ID: TP-15 3-4'
Date Collected: 09/27/22 12:10
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-11
Matrix: Solid
Percent Solids: 79.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			643406	CDC	EET BUF	09/28/22 16:30
Total/NA	Analysis	8260C		1	643408	CDC	EET BUF	09/30/22 00:41
Total/NA	Prep	3550C			643386	SJM	EET BUF	09/29/22 15:38
Total/NA	Analysis	8270D		10	643562	RJS	EET BUF	09/30/22 23:06
Total/NA	Prep	3550C			643770	SJM	EET BUF	10/03/22 15:41
Total/NA	Analysis	8081B		20	643820	JLS	EET BUF	10/04/22 13:06
Total/NA	Prep	3550C			643580	SJM	EET BUF	09/30/22 16:34
Total/NA	Analysis	8082A		1	643615	NC	EET BUF	10/03/22 00:17

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-15 3-4'
Date Collected: 09/27/22 12:10
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-11
Matrix: Solid
Percent Solids: 79.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	8151A			643816	MLK	EET BUF	10/04/22 07:41
Total/NA	Analysis	8151A		1	644291	JLS	EET BUF	10/06/22 18:03
Total/NA	Prep	SHAKE			303355	D5VP	ELLE	10/05/22 11:50
Total/NA	Cleanup	Extract Aliquot			306505	X5YV	ELLE	10/13/22 22:15
Total/NA	Analysis	537 (Modified)		1	307301	ZG8V	ELLE	10/18/22 01:00
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643712	LMH	EET BUF	09/30/22 23:02
Total/NA	Prep	7471B			643441	NVK	EET BUF	09/30/22 09:54
Total/NA	Analysis	7471B		1	643543	NVK	EET BUF	09/30/22 13:22

Client Sample ID: TP-14 4-5'
Date Collected: 09/27/22 12:35
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	643401	IMZ	EET BUF	09/29/22 16:57

Client Sample ID: TP-14 4-5'
Date Collected: 09/27/22 12:35
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-12
Matrix: Solid
Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			643386	SJM	EET BUF	09/29/22 15:38
Total/NA	Analysis	8270D		1	643562	RJS	EET BUF	09/30/22 23:30
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643712	LMH	EET BUF	09/30/22 23:06
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		5	643874	BMB	EET BUF	10/03/22 20:10
Total/NA	Prep	7471B			643441	NVK	EET BUF	09/30/22 09:54
Total/NA	Analysis	7471B		1	643543	NVK	EET BUF	09/30/22 13:24

Client Sample ID: TP-13 2-3'
Date Collected: 09/27/22 13:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	643401	IMZ	EET BUF	09/29/22 16:57

Client Sample ID: TP-13 2-3'
Date Collected: 09/27/22 13:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-13
Matrix: Solid
Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			643386	SJM	EET BUF	09/29/22 15:38
Total/NA	Analysis	8270D		10	643562	RJS	EET BUF	09/30/22 23:54

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-13 2-3'
Date Collected: 09/27/22 13:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-13
Matrix: Solid
Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643712	LMH	EET BUF	09/30/22 23:10
Total/NA	Prep	7471B			643441	NVK	EET BUF	09/30/22 09:54
Total/NA	Analysis	7471B		1	643543	NVK	EET BUF	09/30/22 13:25

Client Sample ID: TP-12 3-4'
Date Collected: 09/27/22 13:20
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	643401	IMZ	EET BUF	09/29/22 16:57

Client Sample ID: TP-12 3-4'
Date Collected: 09/27/22 13:20
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-14
Matrix: Solid
Percent Solids: 49.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			643386	SJM	EET BUF	09/29/22 15:38
Total/NA	Analysis	8270D		10	643562	RJS	EET BUF	10/01/22 00:18
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643712	LMH	EET BUF	09/30/22 23:14
Total/NA	Prep	7471B			643441	NVK	EET BUF	09/30/22 09:54
Total/NA	Analysis	7471B		1	643543	NVK	EET BUF	09/30/22 13:26

Client Sample ID: TP-11 4-5'
Date Collected: 09/27/22 13:50
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	643401	IMZ	EET BUF	09/29/22 16:57

Client Sample ID: TP-11 4-5'
Date Collected: 09/27/22 13:50
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-15
Matrix: Solid
Percent Solids: 78.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			643623	CDC	EET BUF	10/02/22 17:36
Total/NA	Analysis	8260C		1	643625	CDC	EET BUF	10/02/22 22:56
Total/NA	Prep	3550C			643386	SJM	EET BUF	09/29/22 15:38
Total/NA	Analysis	8270D		5	643562	RJS	EET BUF	10/01/22 00:43
Total/NA	Prep	3550C			643770	SJM	EET BUF	10/03/22 15:41
Total/NA	Analysis	8081B		10	643820	JLS	EET BUF	10/04/22 13:25
Total/NA	Prep	3550C			643580	SJM	EET BUF	09/30/22 16:34
Total/NA	Analysis	8082A		1	643615	NC	EET BUF	10/03/22 00:30
Total/NA	Prep	8151A			643816	MLK	EET BUF	10/04/22 07:41
Total/NA	Analysis	8151A		1	644291	JLS	EET BUF	10/06/22 18:21

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-11 4-5'
Lab Sample ID: 480-202112-15
Date Collected: 09/27/22 13:50
Matrix: Solid
Date Received: 09/28/22 14:30
Percent Solids: 78.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			303355	D5VP	ELLE	10/05/22 11:50
Total/NA	Cleanup	Extract Aliquot			306505	X5YV	ELLE	10/13/22 22:15
Total/NA	Analysis	537 (Modified)		1	307301	ZG8V	ELLE	10/18/22 01:22
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643712	LMH	EET BUF	09/30/22 23:18
Total/NA	Prep	7471B			643441	NVK	EET BUF	09/30/22 09:54
Total/NA	Analysis	7471B		1	643543	NVK	EET BUF	09/30/22 13:27

Client Sample ID: TP-8 4-5'
Lab Sample ID: 480-202112-16
Date Collected: 09/27/22 14:15
Matrix: Solid
Date Received: 09/28/22 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	643401	IMZ	EET BUF	09/29/22 16:57

Client Sample ID: TP-8 4-5'
Lab Sample ID: 480-202112-16
Date Collected: 09/27/22 14:15
Matrix: Solid
Date Received: 09/28/22 14:30
Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			643386	SJM	EET BUF	09/29/22 15:38
Total/NA	Analysis	8270D		5	643562	RJS	EET BUF	10/01/22 01:07
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643712	LMH	EET BUF	09/30/22 23:22
Total/NA	Prep	7471B			643441	NVK	EET BUF	09/30/22 09:54
Total/NA	Analysis	7471B		1	643543	NVK	EET BUF	09/30/22 13:29

Client Sample ID: TP-10 4-5'
Lab Sample ID: 480-202112-17
Date Collected: 09/28/22 07:50
Matrix: Solid
Date Received: 09/28/22 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	643401	IMZ	EET BUF	09/29/22 16:57

Client Sample ID: TP-10 4-5'
Lab Sample ID: 480-202112-17
Date Collected: 09/28/22 07:50
Matrix: Solid
Date Received: 09/28/22 14:30
Percent Solids: 75.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			643386	SJM	EET BUF	09/29/22 15:38
Total/NA	Analysis	8270D		10	643562	RJS	EET BUF	10/01/22 01:31
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643712	LMH	EET BUF	09/30/22 23:37
Total/NA	Prep	7471B			643441	NVK	EET BUF	09/30/22 09:54
Total/NA	Analysis	7471B		1	643543	NVK	EET BUF	09/30/22 13:30

Client Sample ID: TP-9 3-4
Lab Sample ID: 480-202112-18

Date Collected: 09/28/22 08:20
Matrix: Solid
Date Received: 09/28/22 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	643401	IMZ	EET BUF	09/29/22 16:57

Client Sample ID: TP-9 3-4
Lab Sample ID: 480-202112-18

Date Collected: 09/28/22 08:20
Matrix: Solid
Date Received: 09/28/22 14:30
Percent Solids: 73.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			643406	CDC	EET BUF	09/29/22 18:18
Total/NA	Analysis	8260C		1	643408	CDC	EET BUF	09/30/22 01:29
Total/NA	Prep	3550C			643386	SJM	EET BUF	09/29/22 15:38
Total/NA	Analysis	8270D		20	643562	RJS	EET BUF	09/30/22 18:39
Total/NA	Prep	3550C			643770	SJM	EET BUF	10/03/22 15:41
Total/NA	Analysis	8081B		20	643820	JLS	EET BUF	10/04/22 11:08
Total/NA	Prep	3550C			643580	SJM	EET BUF	09/30/22 16:34
Total/NA	Analysis	8082A		1	643615	NC	EET BUF	10/02/22 22:57
Total/NA	Prep	8151A			643816	MLK	EET BUF	10/04/22 07:41
Total/NA	Analysis	8151A		1	644291	JLS	EET BUF	10/06/22 15:53
Total/NA	Prep	SHAKE			303355	D5VP	ELLE	10/05/22 11:50
Total/NA	Cleanup	Extract Aliquot			306505	X5YV	ELLE	10/13/22 22:15
Total/NA	Analysis	537 (Modified)		1	307301	ZG8V	ELLE	10/18/22 01:33
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643712	LMH	EET BUF	09/30/22 23:41
Total/NA	Prep	7471B			643441	NVK	EET BUF	09/30/22 09:54
Total/NA	Analysis	7471B		1	643543	NVK	EET BUF	09/30/22 13:31

Client Sample ID: TP-7 1-2'
Lab Sample ID: 480-202112-19

Date Collected: 09/28/22 09:00
Matrix: Solid
Date Received: 09/28/22 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	643401	IMZ	EET BUF	09/29/22 16:57

Client Sample ID: TP-7 1-2'
Lab Sample ID: 480-202112-19

Date Collected: 09/28/22 09:00
Matrix: Solid
Date Received: 09/28/22 14:30
Percent Solids: 63.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			643386	SJM	EET BUF	09/29/22 15:38
Total/NA	Analysis	8270D		10	643562	RJS	EET BUF	10/01/22 01:56
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643712	LMH	EET BUF	10/01/22 00:01
Total/NA	Prep	7471B			643441	NVK	EET BUF	09/30/22 09:54
Total/NA	Analysis	7471B		1	643543	NVK	EET BUF	09/30/22 13:39

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-6 2-3'
Date Collected: 09/28/22 09:20
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	643401	IMZ	EET BUF	09/29/22 16:57

Client Sample ID: TP-6 2-3'
Date Collected: 09/28/22 09:20
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-20
Matrix: Solid
Percent Solids: 62.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			643386	SJM	EET BUF	09/29/22 15:38
Total/NA	Analysis	8270D		10	643562	RJS	EET BUF	10/01/22 02:20
Total/NA	Prep	3550C	DL		643386	SJM	EET BUF	09/29/22 15:38
Total/NA	Analysis	8270D	DL	20	643681	JMM	EET BUF	10/03/22 14:13
Total/NA	Prep	3050B			643306	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643712	LMH	EET BUF	10/01/22 00:05
Total/NA	Prep	7471B			643441	NVK	EET BUF	09/30/22 09:54
Total/NA	Analysis	7471B		1	643543	NVK	EET BUF	09/30/22 13:40

Client Sample ID: TP-5 4-5'
Date Collected: 09/28/22 10:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	643401	IMZ	EET BUF	09/29/22 16:57

Client Sample ID: TP-5 4-5'
Date Collected: 09/28/22 10:00
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-21
Matrix: Solid
Percent Solids: 73.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			643391	SJM	EET BUF	09/29/22 15:44
Total/NA	Analysis	8270D		5	643468	JMM	EET BUF	09/30/22 18:56
Total/NA	Prep	3050B			643307	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643705	LMH	EET BUF	10/01/22 00:28
Total/NA	Prep	3050B			643307	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643763	BMB	EET BUF	10/03/22 12:44
Total/NA	Prep	7471B			643442	NVK	EET BUF	09/30/22 09:54
Total/NA	Analysis	7471B		1	643543	NVK	EET BUF	09/30/22 13:44

Client Sample ID: TP-4 2-3'
Date Collected: 09/28/22 10:20
Date Received: 09/28/22 14:30

Lab Sample ID: 480-202112-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	643401	IMZ	EET BUF	09/29/22 16:57

Client Sample ID: TP-4 2-3'
Lab Sample ID: 480-202112-22
Date Collected: 09/28/22 10:20
Matrix: Solid
Date Received: 09/28/22 14:30
Percent Solids: 76.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			643391	SJM	EET BUF	09/29/22 15:44
Total/NA	Analysis	8270D		5	643468	JMM	EET BUF	09/30/22 19:21
Total/NA	Prep	3050B			643307	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643705	LMH	EET BUF	10/01/22 00:32
Total/NA	Prep	3050B			643307	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643763	BMB	EET BUF	10/03/22 12:48
Total/NA	Prep	7471B			643442	NVK	EET BUF	09/30/22 09:54
Total/NA	Analysis	7471B		1	643543	NVK	EET BUF	09/30/22 13:52

Client Sample ID: TP-3 2-3'
Lab Sample ID: 480-202112-23
Date Collected: 09/28/22 10:45
Matrix: Solid
Date Received: 09/28/22 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	643401	IMZ	EET BUF	09/29/22 16:57

Client Sample ID: TP-3 2-3'
Lab Sample ID: 480-202112-23
Date Collected: 09/28/22 10:45
Matrix: Solid
Date Received: 09/28/22 14:30
Percent Solids: 79.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			643391	SJM	EET BUF	09/29/22 15:44
Total/NA	Analysis	8270D		5	643468	JMM	EET BUF	09/30/22 19:45
Total/NA	Prep	3050B			643307	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643705	LMH	EET BUF	10/01/22 00:36
Total/NA	Prep	3050B			643307	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643763	BMB	EET BUF	10/03/22 12:52
Total/NA	Prep	7471B			643442	NVK	EET BUF	09/30/22 09:54
Total/NA	Analysis	7471B		1	643543	NVK	EET BUF	09/30/22 13:54

Client Sample ID: TP-2 2-3'
Lab Sample ID: 480-202112-24
Date Collected: 09/28/22 11:05
Matrix: Solid
Date Received: 09/28/22 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	643401	IMZ	EET BUF	09/29/22 16:57

Client Sample ID: TP-2 2-3'
Lab Sample ID: 480-202112-24
Date Collected: 09/28/22 11:05
Matrix: Solid
Date Received: 09/28/22 14:30
Percent Solids: 63.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			643623	CDC	EET BUF	10/02/22 17:36
Total/NA	Analysis	8260C		1	643625	CDC	EET BUF	10/02/22 23:20
Total/NA	Prep	3550C			643391	SJM	EET BUF	09/29/22 15:44
Total/NA	Analysis	8270D		10	643468	JMM	EET BUF	09/30/22 20:10

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Client Sample ID: TP-2 2-3'

Lab Sample ID: 480-202112-24
Date Collected: 09/28/22 11:05
Matrix: Solid
Date Received: 09/28/22 14:30
Percent Solids: 63.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			643770	SJM	EET BUF	10/03/22 15:41
Total/NA	Analysis	8081B		10	643820	JLS	EET BUF	10/04/22 13:45
Total/NA	Prep	3550C			643580	SJM	EET BUF	09/30/22 16:34
Total/NA	Analysis	8082A		1	643615	NC	EET BUF	10/03/22 00:44
Total/NA	Prep	8151A			643816	MLK	EET BUF	10/04/22 07:41
Total/NA	Analysis	8151A		5	644366	JLS	EET BUF	10/07/22 08:34
Total/NA	Prep	SHAKE			303355	D5VP	ELLE	10/05/22 11:50
Total/NA	Cleanup	Extract Aliquot			306505	X5YV	ELLE	10/13/22 22:15
Total/NA	Analysis	537 (Modified)		1	307301	ZG8V	ELLE	10/18/22 02:06
Total/NA	Prep	3050B			643307	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643705	LMH	EET BUF	10/01/22 00:55
Total/NA	Prep	3050B			643307	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643763	BMB	EET BUF	10/03/22 13:23
Total/NA	Prep	7471B			643442	NVK	EET BUF	09/30/22 09:54
Total/NA	Analysis	7471B		1	643543	NVK	EET BUF	09/30/22 13:55

Client Sample ID: TP-1 2-3'

Lab Sample ID: 480-202112-25
Date Collected: 09/28/22 11:20
Matrix: Solid
Date Received: 09/28/22 14:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	643401	IMZ	EET BUF	09/29/22 16:57

Client Sample ID: TP-1 2-3'

Lab Sample ID: 480-202112-25
Date Collected: 09/28/22 11:20
Matrix: Solid
Date Received: 09/28/22 14:30
Percent Solids: 76.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			643391	SJM	EET BUF	09/29/22 15:44
Total/NA	Analysis	8270D		5	643468	JMM	EET BUF	09/30/22 20:34
Total/NA	Prep	3050B			643307	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643705	LMH	EET BUF	10/01/22 01:10
Total/NA	Prep	3050B			643307	NZG	EET BUF	09/29/22 11:46
Total/NA	Analysis	6010C		1	643763	BMB	EET BUF	10/03/22 13:27
Total/NA	Prep	7471B			643442	NVK	EET BUF	09/30/22 09:54
Total/NA	Analysis	7471B		1	643543	NVK	EET BUF	09/30/22 13:56

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8151A	8151A	Solid	Picloram
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-20-22
A2LA	ISO/IEC 17025	0001.01	11-20-22
Alaska	State	PA00009	12-08-22
Alaska (UST)	State	17-027	02-28-23
Arizona	State	AZ0780	03-11-23
Arkansas DEQ	State	88-00660	11-09-22
California	State	2792	11-09-22
Colorado	State	PA00009	11-09-22
Connecticut	State	PH-0746	11-09-22
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-30-23
Delaware (DW)	State	N/A	01-31-23
Florida	NELAP	E87997	11-09-22
Georgia (DW)	State	C048	01-31-23
Hawaii	State	N/A	11-27-22
Illinois	NELAP	200027	11-09-22
Iowa	State	361	11-09-22
Kansas	NELAP	E-10151	10-31-22
Kentucky (DW)	State	KY90088	12-31-22
Kentucky (UST)	State	0001.01	11-20-22
Kentucky (WW)	State	KY90088	11-09-22
Louisiana (All)	NELAP	02055	11-09-22
Maine	State	2019012	03-12-23
Maryland	State	100	06-30-23
Massachusetts	State	M-PA009	11-10-22
Michigan	State	9930	01-12-23
Minnesota	NELAP	042-999-487	12-12-22
Mississippi	State	023	12-31-22
Missouri	State	450	01-31-25
Montana (DW)	State	0098	12-31-22
Montana (UST)	State	<cert No.>	02-01-23
Nebraska	State	NE-OS-32-17	11-09-22
New Hampshire	NELAP	2730	11-09-22
New Jersey	NELAP	PA011	11-14-22
New York	NELAP	10670	11-09-22
North Carolina (DW)	State	42705	07-31-23
North Carolina (WW/SW)	State	521	10-31-22
North Dakota	State	R-205	01-22-23
Oklahoma	NELAP	R-205	11-09-22

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	PA200001	11-09-22
PALA	Canada	1978	09-16-24
Pennsylvania	NELAP	36-00037	11-09-22
Rhode Island	State	LAO00338	11-09-22
South Carolina	State	89002	01-29-23
Tennessee	State	02838	01-31-23
Texas	NELAP	T104704194-22-45	11-09-22
USDA	US Federal Programs	525-22-298-19481	10-24-22
Vermont	State	VT - 36037	10-27-22
Virginia	NELAP	460182	10-31-22
Washington	State	C457	11-09-22
West Virginia (DW)	State	9906 C	12-31-22
West Virginia DEP	State	055	10-19-22
Wyoming	State	8TMS-L	01-30-23
Wyoming (UST)	A2LA	0001.01	11-20-22

Method Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
8081B	Organochlorine Pesticides (GC)	SW846	EET BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET BUF
8151A	Herbicides (GC)	SW846	EET BUF
537 (Modified)	Fluorinated Alkyl Substances	EPA	ELLE
6010C	Metals (ICP)	SW846	EET BUF
7471B	Mercury (CVAA)	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
3050B	Preparation, Metals	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF
5035A_L	Closed System Purge and Trap	SW846	EET BUF
7471B	Preparation, Mercury	SW846	EET BUF
8151A	Extraction (Herbicides)	SW846	EET BUF
Extract Aliquot	Preparation, Extract Aliquot	None	ELLE
SHAKE	Shake Extraction with Ultrasonic Bath Extraction	SW846	ELLE

Protocol References:

EPA = US Environmental Protection Agency

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-202112-1	TP-24 3-5'	Solid	09/26/22 09:25	09/28/22 14:30
480-202112-2	TP-23 2-3'	Solid	09/26/22 12:05	09/28/22 14:30
480-202112-3	TP-22 2-3'	Solid	09/26/22 13:50	09/28/22 14:30
480-202112-4	TP-21 3-4'	Solid	09/27/22 08:00	09/28/22 14:30
480-202112-5	TP-20 3-4'	Solid	09/27/22 08:35	09/28/22 14:30
480-202112-6	TP-19 4-5'	Solid	09/27/22 09:15	09/28/22 14:30
480-202112-7	TP-18 4-5'	Solid	09/27/22 10:00	09/28/22 14:30
480-202112-8	DUP-1	Solid	09/27/22 10:00	09/28/22 14:30
480-202112-9	TP-17 3-4'	Solid	09/27/22 10:30	09/28/22 14:30
480-202112-10	TP-16 3-4'	Solid	09/27/22 11:00	09/28/22 14:30
480-202112-11	TP-15 3-4'	Solid	09/27/22 12:10	09/28/22 14:30
480-202112-12	TP-14 4-5'	Solid	09/27/22 12:35	09/28/22 14:30
480-202112-13	TP-13 2-3'	Solid	09/27/22 13:00	09/28/22 14:30
480-202112-14	TP-12 3-4'	Solid	09/27/22 13:20	09/28/22 14:30
480-202112-15	TP-11 4-5'	Solid	09/27/22 13:50	09/28/22 14:30
480-202112-16	TP-8 4-5'	Solid	09/27/22 14:15	09/28/22 14:30
480-202112-17	TP-10 4-5'	Solid	09/28/22 07:50	09/28/22 14:30
480-202112-18	TP-9 3-4	Solid	09/28/22 08:20	09/28/22 14:30
480-202112-19	TP-7 1-2'	Solid	09/28/22 09:00	09/28/22 14:30
480-202112-20	TP-6 2-3'	Solid	09/28/22 09:20	09/28/22 14:30
480-202112-21	TP-5 4-5'	Solid	09/28/22 10:00	09/28/22 14:30
480-202112-22	TP-4 2-3'	Solid	09/28/22 10:20	09/28/22 14:30
480-202112-23	TP-3 2-3'	Solid	09/28/22 10:45	09/28/22 14:30
480-202112-24	TP-2 2-3'	Solid	09/28/22 11:05	09/28/22 14:30
480-202112-25	TP-1 2-3'	Solid	09/28/22 11:20	09/28/22 14:30

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Andy Tank	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-176962-37963.1
Client Contact: Adam Zebrowski	Phone: 716-345-6709	E-Mail: Brian.Fischer@et.eurofinsus.com	State of Origin:	Page: Page 1 of 3
Company: LaBella Associates DPC	PWSID:			Job #:
Address: 300 Pearl Street Suite 130	Due Date Requested:			
City: Buffalo	TAT Requested (days):			
State, Zip: NY, 14202	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: azebrowski@labellapc.com	WO #:			
Project Name: 145 Ganson Street	Project #: 48025563			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) TCL list OLM04.2	6010C, 7471B, 8270D	PFC_IDA - NY 21 PFAS	8081B, 8082A, 8151A	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N		
TP-14 3'-5'	9/26/22	0935		Solid			X	X	X	X		
TP-23 2'-3'	9/26/22	1205		Solid				X				
TP-22 2'-3'	9/26/22	1350		Solid			X	X	X	X		
TP-21 3'-4'	9/27/22	0800		Solid			X	X	X	X		
TP-20 3'-4'	9/27/22	0835		Solid				X				
TP-19 4'-5'	9/27/22	0915		Solid				X				
TP-18 4'-5'	9/27/22	1000		Solid		MS	X	X	X	X		
Dup-1	9/27/22	1000		Solid			X	X	X	X		Dup-1 from TP-18
TP-17 3'-4'	9/27/22	1030		Solid				X				
TP-16 5'-4'	9/27/22	1100		Solid				X				
TP-15 3'-4'	9/27/22	1210		Solid			X	X	X	X		

480-202112 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	9/28/22 1330	LaBella			
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time 9/28/22 1430	Company TAB

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 18.0 #1 No ICE

Ver: 06/08/2021

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Andy Janik	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-176962-37963.2
Client Contact: Adam Zebrowski	Phone: 716-345-6709	E-Mail: Brian.Fischer@et.eurofinsus.com	State of Origin:	Page: Page 2 of 3
Company: LaBella Associates DPC	PWSID:			Job #:
Address: 300 Pearl Street Suite 130	Due Date Requested:			
City: Buffalo	TAT Requested (days):			
State, Zip: NY, 14202	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: azebrowski@labellapc.com	WO #:			
Project Name: 145 Ganson Street	Project #: 48025563			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) TCL list OLM04.2	6010C, 7471B, 8270D	PFC_IDA - NY 21 PFAS	8081B, 8082A, 8151A	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N		
TP-14 4-5'	9/27/22	1235		Solid				X				
TP-13 2-3	9/27/22	1300		Solid				X				
TP-12 3-4	9/27/22	1320		Solid				X				
TP-11 4-5	9/27/22	1350		Solid			X	X	X	X		
TP-8 4-5	9/27/22	1415		Solid				X				
TP-10 4-5	9/28/22	0750		Solid				X				
TP-9 3-4	9/28/22	0820		Solid			X	X	X	X		
MS-1	9/28/22	0820		Solid			X	X	X	X		From TP-9 3-4
MSD-1	9/28/22	0820		Solid			X	X	X	X		From TP-9 3-4
TP-7 1-2	9/28/22	0910		Solid				X				
TP-6 2-3	9/28/22	0920		Solid				X				

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: * For PFAS MS/MSD in same container *

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	[signature]	9/28/22 1330	LaBella			
	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	Relinquished by	Date/Time	Company	Received by	Date/Time 9/28/22 1422	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler: Andy Janik	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-176962-37963.3
Client Contact: Adam Zebrowski	Phone: 716-375-6709	E-Mail: Brian.Fischer@et.eurofinsus.com	State of Origin:	Page: Page 3 of 3
Company: LaBella Associates DPC	PWSID:			Job #:
Address: 300 Pearl Street Suite 130	Due Date Requested:			
City: Buffalo	TAT Requested (days):			
State, Zip: NY, 14202	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: azebrowski@labellapc.com	WO #:			
Project Name: 145 Ganson Street	Project #: 48025563			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) TCL list OLM04.2	6010C, 7471B, 8270D	PFC_IDA - NY 21 PFAS	8081B, 8082A, 8151A	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N		
TP-5 4-5	9/28/22	1000		Solid				X				
TP-4 2-3	9/28/22	1020		Solid				X				
TP-3 2-3	9/28/22	1045		Solid				X				
TP-2 2-3	9/28/22	1105		Solid			X	X	X	X		
TP-1 2-3	9/28/22	1120		Solid				X				
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
		9/28/22 1330	LaBella			
	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	Relinquished by	Date/Time	Company	Received by	Date/Time 9/28/22 1430	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-75624.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Brian.Fischer@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-202112-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/6/2022			
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: 145 Ganson Street	Project #: 48025563			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC_IDA_NY/Shake_Bath_14D NY 21 PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
TP-24 3-5' (480-202112-1)	9/26/22	09:25 Eastern		Solid			X	1	
TP-22 2-3' (480-202112-3)	9/26/22	13:50 Eastern		Solid			X	1	
TP-21 3-4' (480-202112-4)	9/27/22	08:00 Eastern		Solid			X	1	
TP-18 4-5' (480-202112-7)	9/27/22	10:00 Eastern		Solid			X	1	
DUP-1 (480-202112-8)	9/27/22	10:00 Eastern		Solid			X	1	
TP-15 3-4' (480-202112-11)	9/27/22	12:10 Eastern		Solid			X	1	
TP-11 4-5' (480-202112-15)	9/27/22	13:50 Eastern		Solid			X	1	
TP-9 3-4 (480-202112-18)	9/28/22	08:20 Eastern		Solid			X	1	
TP-9 3-4 (480-202112-18MS)	9/28/22	08:20 Eastern	MS	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		9-29-22 1800	JAM			
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 09/30/22 1109	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.0

Ver: 06/08/2021

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-75624.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: Brian.Fischer@et.eurofinsus.com	State of Origin: New York	Page: Page 2 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-202112-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/6/2022			
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: 145 Ganson Street	Project #: 48025563			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC_IDA_NY/Shake_Bath_14D NY 21 PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
TP-9 3-4 (480-202112-18MSD)	9/28/22	08:20 Eastern	MSD	Solid			X	1	
TP-2 2-3' (480-202112-24)	9/28/22	11:05 Eastern		Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		9-29-22 1800				
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	9/30/22 1109	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.0

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-202112-1

Login Number: 202112
List Number: 1
Creator: Kolb, Chris M

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	
Cooler Temperature is acceptable.	False	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	TCORE VIALS PUT IN FREEZER 9/28 @ 1630
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	False	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	LABELLA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-202112-1

Login Number: 202112
List Number: 2
Creator: McBeth, Jessica

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 09/30/22 01:00 PM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-201621-1
Client Project/Site: 145 Ganson Street

For:
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Attn: Adam Zebrowski

Authorized for release by:
10/12/2022 3:01:19 PM
Rebecca Jones, Project Management Assistant I
(716)504-9884
Rebecca.Jones@et.eurofinsus.com

Designee for

Brian Fischer, Manager of Project Management
(716)504-9835
Brian.Fischer@et.eurofinsus.com

LINKS

Review your project results through my EOL

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 5
Detection Summary 8
Client Sample Results 12
Surrogate Summary 28
Isotope Dilution Summary 30
QC Sample Results 32
QC Association Summary 59
Lab Chronicle 63
Certification Summary 66
Method Summary 68
Sample Summary 69
Chain of Custody 70
Receipt Checklists 72

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

LCMS

Qualifier	Qualifier Description
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 480-201621-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-201621-1

Comments
No additional comments.

Receipt
The samples were received on 9/14/2022 12:16 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 12.2º C.

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 480-641452 recovered above the upper control limit for Isopropylbenzene, n-Butylbenzene, N-Propylbenzene, tert-Butylbenzene and Vinyl chloride. The sample(s) associated with this CCV were non-detects above the reporting limits for the affected analytes; therefore, the data have been reported. The associated sample is impacted: SS-2 (0-2") (480-201621-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270D: The continuing calibration verification (CCV) associated with batch 480-642144 recovered above the upper control limit for 2,4-Dinitrophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SS-1 (0-2") (480-201621-1), SS-3 (0-2") (480-201621-3) and DUP-2 (480-201621-4).

Method 8270D: The method blank for preparation batch 480-641680 contained Diethyl phthalate above the reporting limit (RL). None of the samples associated with this method blank contained the target compound above the RL; therefore, re-extraction and/or re-analysis of samples were not performed: SS-1 (0-2") (480-201621-1), SS-3 (0-2") (480-201621-3) and DUP-2 (480-201621-4).

Method 8270D: The following samples were diluted due to color, appearance, and viscosity: SS-1 (0-2") (480-201621-1), SS-3 (0-2") (480-201621-3), SS-3 (0-2") MS (480-201621-3[MS]), SS-3 (0-2") MSD (480-201621-3[MSD]) and DUP-2 (480-201621-4). Elevated reporting limits (RL) are provided.

Method 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: DUP-2 (480-201621-4). These results have been reported and qualified.

Method 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 480-641680 and analytical batch 480-642144 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 480-641680 and analytical batch 480-642144 were diluted below the method detection limit (MDL) for 2,4-Dinitrophenol; therefore, percent recovery and RPD could not be calculated. The associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8270D: The following sample was diluted due to color, appearance, and viscosity: SS-2 (0-2") (480-201621-2). Elevated reporting limits (RL) are provided.

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-642351 recovered above the upper control limit for 2-Nitrophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: SS-2 (0-2") (480-201621-2).

Method 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: SS-2 (0-2") (480-201621-2). These results have been reported and qualified.

Method 8270D: The method blank for preparation batch 480-641680 contained Diethyl phthalate above the reporting limit (RL). None of

Job ID: 480-201621-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

the samples associated with this method blank contained the target compound above the reporting limit; therefore, re-extraction and/or re-analysis of samples were not performed: SS-2 (0-2") (480-201621-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8081B: The following sample was diluted due to the nature of the sample matrix: SS-2 (0-2") (480-201621-2). As such, surrogate recoveries are below the calibration range, estimated, and not representative. Elevated reporting limits (RLs) are provided.

Method 8081B: The %RPD between the primary and confirmation column exceeded 40% for Methoxychlor for the following sample: SS-2 (0-2") (480-201621-2). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method 6010C: The serial dilution and post spike (480-201621-A-3-D PDS) and (480-201621-A-3-D SD ^5), associated with batch 480-641525, exceeded the quality control limits for Aluminum, Barium, Chromium, Iron, and Zinc. Sample matrix is suspected, therefore, no corrective action was necessary.

Method 6010C: The serial dilution (480-201621-A-3-D SD ^5) associated with batch 480-641890, exhibited results outside the quality control limits for Total Beryllium, Cadmium, Cobalt, Potassium, Magnesium, Manganese, Sodium, and Vanadium. However, the post digestion spike (PDS) was compliant, therefore no corrective action was necessary.

Method 6010C: The recovery of post spike, (480-201621-A-3-D PDS), associated with batch 480-641890, exhibited results outside quality control limits for Total Lead and Antimony. However, the serial dilution (SD) of this sample was compliant, therefore no corrective action was necessary.

Method 6010C: The method blank for preparation batch 480-641524 and analytical batch 480-641879 contained Total Aluminum, Iron, and Manganese above the reporting limits (RL). Associated samples SS-1 (0-2") (480-201621-1) and SS-2 (0-2") (480-201621-2) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

Method 6010C: The following samples were diluted due to the presence of Total Calcium which interferes with Copper: SS-3 (0-2") (480-201621-3), SS-3 (0-2") MS (480-201621-3[MS]), SS-3 (0-2") MSD (480-201621-3[MSD]), DUP-2 (480-201621-4), (480-201621-A-3-D PDS ^2) and (480-201621-A-3-D SD ^10). Elevated reporting limits (RLs) are provided.

Method 6010C: The following sample was diluted due to the presence of Total Iron which interferes with Chromium, Nickel, Manganese, Lead, and Vanadium: DUP-2 (480-201621-4). Elevated reporting limits (RLs) are provided.

Method 6010C: The following sample was diluted due to the presence of Total Manganese which interferes with Chromium and Thallium: DUP-2 (480-201621-4). Elevated reporting limits (RLs) are provided.

Method 6010C: The serial dilution (480-201621-A-3-D SD ^10) associated with batch 480-642108, exhibited results outside the quality control limits for Total Calcium and Copper. However, the post digestion spike (PDS) was compliant, therefore no corrective action was necessary.

Method 6010C: The following sample was diluted due to the presence of Total Calcium which interferes with Copper: SS-2 (0-2") (480-201621-2). Elevated reporting limits (RLs) are provided.

Method 6010C: The following sample was diluted for Total Silver due to the nature of the sample matrix: SS-1 (0-2") (480-201621-1). Elevated reporting limits (RLs) are provided.

Method 6010C: The following sample was diluted due to the presence of Total Iron which interferes with Nickel, Lead, Antimony, and Vanadium: SS-1 (0-2") (480-201621-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Job ID: 480-201621-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

LCMS

Method 537 (Modified): Target analyte(s) Perfluorohexanoic acid, Perfluorooctanoic acid and Perfluorodecanoic acid were detected in the Method Blank 410-298521associated with the following sample: SS-2 (0-2") (480-201621-2). The following action was taken: This sample(s) was re-extracted outside the required holding time and target analyte(s) were not detected in the re-extracted method blank.

Method 537 (Modified): The recovery for the labeled isotope: M2-6:2 FTS in the following sample: SS-2 (0-2") (480-201621-2) is outside the QC acceptance limits. Since the recovery is high and the native analyte is not detected in the sample, the data is reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

Method 3550C: The following sample required a Florisil clean-up, via EPA Method 3620C, to reduce matrix interferences: SS-2 (0-2") (480-201621-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201621-1

Client Sample ID: SS-1 (0-2") — Lab Sample ID: 480-201621-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	340	J	930	93	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	470	J	930	140	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	610	J	930	150	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	360	J	930	98	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	230	J	930	120	ug/Kg	5	☼	8270D	Total/NA
Chrysene	410	J	930	210	ug/Kg	5	☼	8270D	Total/NA
Diethyl phthalate	220	J B	930	120	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	630	J	930	98	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	320	J	930	110	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	210	J	930	140	ug/Kg	5	☼	8270D	Total/NA
Pyrene	510	J	930	110	ug/Kg	5	☼	8270D	Total/NA
Aluminum	8270	B	10.7	4.7	mg/Kg	1	☼	6010C	Total/NA
Antimony	4.1	J	80.2	2.1	mg/Kg	5	☼	6010C	Total/NA
Arsenic	16.6		2.1	0.43	mg/Kg	1	☼	6010C	Total/NA
Barium	105	B	0.53	0.12	mg/Kg	1	☼	6010C	Total/NA
Beryllium	1.4	B	0.21	0.030	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.51	B	0.21	0.032	mg/Kg	1	☼	6010C	Total/NA
Calcium	86900	B	53.5	3.5	mg/Kg	1	☼	6010C	Total/NA
Chromium	106		0.53	0.21	mg/Kg	1	☼	6010C	Total/NA
Cobalt	8.5		0.53	0.053	mg/Kg	1	☼	6010C	Total/NA
Copper	76.5		1.1	0.22	mg/Kg	1	☼	6010C	Total/NA
Iron	166000	B	53.5	18.7	mg/Kg	5	☼	6010C	Total/NA
Lead	78.5		5.3	1.3	mg/Kg	5	☼	6010C	Total/NA
Magnesium	13900	B	21.4	0.99	mg/Kg	1	☼	6010C	Total/NA
Manganese	2110	B	0.21	0.034	mg/Kg	1	☼	6010C	Total/NA
Nickel	38.7		26.7	1.2	mg/Kg	5	☼	6010C	Total/NA
Potassium	718		32.1	21.4	mg/Kg	1	☼	6010C	Total/NA
Selenium	4.1	J	4.3	0.43	mg/Kg	1	☼	6010C	Total/NA
Silver	0.56	J	1.3	0.43	mg/Kg	2	☼	6010C	Total/NA
Sodium	319		150	13.9	mg/Kg	1	☼	6010C	Total/NA
Vanadium	40.1		2.7	0.59	mg/Kg	5	☼	6010C	Total/NA
Zinc	88.7		2.1	0.68	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.071		0.021	0.0048	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SS-2 (0-2") — Lab Sample ID: 480-201621-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Isopropyltoluene	1.2	J	5.0	0.40	ug/Kg	1	☼	8260C	Total/NA
Chloroform	0.46	J B	5.0	0.31	ug/Kg	1	☼	8260C	Total/NA
Benzo[a]anthracene	1900		1900	190	ug/Kg	10	☼	8270D	Total/NA
Benzo[a]pyrene	2400		1900	290	ug/Kg	10	☼	8270D	Total/NA
Benzo[b]fluoranthene	3100		1900	310	ug/Kg	10	☼	8270D	Total/NA
Benzo[g,h,i]perylene	1700	J	1900	210	ug/Kg	10	☼	8270D	Total/NA
Benzo[k]fluoranthene	1100	J	1900	250	ug/Kg	10	☼	8270D	Total/NA
Butyl benzyl phthalate	330	J	1900	320	ug/Kg	10	☼	8270D	Total/NA
Chrysene	2100		1900	430	ug/Kg	10	☼	8270D	Total/NA
Dibenz(a,h)anthracene	420	J	1900	340	ug/Kg	10	☼	8270D	Total/NA
Diethyl phthalate	340	J B	1900	250	ug/Kg	10	☼	8270D	Total/NA
Fluoranthene	3800		1900	210	ug/Kg	10	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1900		1900	240	ug/Kg	10	☼	8270D	Total/NA
Phenanthrene	1400	J	1900	290	ug/Kg	10	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: SS-2 (0-2") (Continued)

Lab Sample ID: 480-201621-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	3100		1900	230	ug/Kg	10	☼	8270D	Total/NA
4,4'-DDD	12	J	38	7.4	ug/Kg	20	☼	8081B	Total/NA
Endrin ketone	17	J	38	9.4	ug/Kg	20	☼	8081B	Total/NA
Methoxychlor	42		38	7.8	ug/Kg	20	☼	8081B	Total/NA
Perfluorohexanoic acid	0.044	J B	0.23	0.022	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorooctanoic acid	0.053	J B	0.23	0.025	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorononanoic acid	0.049	J	0.23	0.026	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorodecanoic acid	0.048	J B	0.23	0.028	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorotridecanoic acid	0.049	J	0.23	0.024	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorotetradecanoic acid	0.034	J	0.23	0.028	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorooctanesulfonic acid	0.37		0.23	0.040	ng/g	1	☼	537 (Modified)	Total/NA
NEtFOSAA	0.23		0.23	0.025	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorodecanesulfonic acid	0.047	J	0.23	0.024	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorobutanoic acid	0.056	J	0.23	0.028	ng/g	1	☼	537 (Modified)	Total/NA
Perfluoroundecanoic acid	0.068	J	0.23	0.064	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorododecanoic acid	0.048	J	0.23	0.026	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorohexanoic acid - RE	0.037	J H	0.23	0.022	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorooctanoic acid - RE	0.064	J H	0.23	0.025	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorononanoic acid - RE	0.040	J H	0.23	0.027	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorodecanoic acid - RE	0.047	J H	0.23	0.028	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorotridecanoic acid - RE	0.035	J H	0.23	0.024	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorooctanesulfonic acid - RE	0.35	H	0.23	0.040	ng/g	1	☼	537 (Modified)	Total/NA
NEtFOSAA - RE	0.21	J H	0.23	0.025	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorodecanesulfonic acid - RE	0.053	J H	0.23	0.024	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorobutanoic acid - RE	0.045	J H	0.23	0.028	ng/g	1	☼	537 (Modified)	Total/NA
Perfluorododecanoic acid - RE	0.038	J H	0.23	0.027	ng/g	1	☼	537 (Modified)	Total/NA
Aluminum	11900	B	11.0	4.9	mg/Kg	1	☼	6010C	Total/NA
Antimony	2.6	J	16.5	0.44	mg/Kg	1	☼	6010C	Total/NA
Arsenic	8.3		2.2	0.44	mg/Kg	1	☼	6010C	Total/NA
Barium	123	B	0.55	0.12	mg/Kg	1	☼	6010C	Total/NA
Beryllium	1.7	B	0.22	0.031	mg/Kg	1	☼	6010C	Total/NA
Cadmium	1.2	B	0.22	0.033	mg/Kg	1	☼	6010C	Total/NA
Calcium	116000	B	110	7.3	mg/Kg	2	☼	6010C	Total/NA
Chromium	151		0.55	0.22	mg/Kg	1	☼	6010C	Total/NA
Cobalt	4.1		0.55	0.055	mg/Kg	1	☼	6010C	Total/NA
Copper	74.6		2.2	0.46	mg/Kg	2	☼	6010C	Total/NA
Iron	37800	B	11.0	3.9	mg/Kg	1	☼	6010C	Total/NA
Lead	134		1.1	0.26	mg/Kg	1	☼	6010C	Total/NA
Magnesium	22300	B	22.1	1.0	mg/Kg	1	☼	6010C	Total/NA
Manganese	3080	B	0.22	0.035	mg/Kg	1	☼	6010C	Total/NA
Nickel	18.2		5.5	0.25	mg/Kg	1	☼	6010C	Total/NA
Potassium	1180		33.1	22.1	mg/Kg	1	☼	6010C	Total/NA
Selenium	2.1	J	4.4	0.44	mg/Kg	1	☼	6010C	Total/NA
Silver	0.27	J	0.66	0.22	mg/Kg	1	☼	6010C	Total/NA
Sodium	394		154	14.3	mg/Kg	1	☼	6010C	Total/NA
Vanadium	54.9		0.55	0.12	mg/Kg	1	☼	6010C	Total/NA
Zinc	210		2.2	0.71	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.11		0.023	0.0052	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SS-3 (0-2") — Lab Sample ID: 480-201621-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	1000	F1	900	90	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	1500	F2 F1	900	130	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	1800	F2	900	140	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	1600	F2 F1	900	96	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	940		900	120	ug/Kg	5	☼	8270D	Total/NA
Chrysene	1300	F1	900	200	ug/Kg	5	☼	8270D	Total/NA
Dibenz(a,h)anthracene	420	J F2	900	160	ug/Kg	5	☼	8270D	Total/NA
Diethyl phthalate	120	J B	900	120	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	1900	F1	900	96	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1400	F2 F1	900	110	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	700	J	900	130	ug/Kg	5	☼	8270D	Total/NA
Pyrene	1600	F1	900	110	ug/Kg	5	☼	8270D	Total/NA
Aluminum	18500	F2	10.8	4.7	mg/Kg	1	☼	6010C	Total/NA
Antimony	0.84	J F2 F1	16.2	0.43	mg/Kg	1	☼	6010C	Total/NA
Arsenic	7.4		2.2	0.43	mg/Kg	1	☼	6010C	Total/NA
Barium	191	F2	0.54	0.12	mg/Kg	1	☼	6010C	Total/NA
Beryllium	3.8		0.22	0.030	mg/Kg	1	☼	6010C	Total/NA
Cadmium	0.82		0.22	0.032	mg/Kg	1	☼	6010C	Total/NA
Calcium	144000	B F2	108	7.1	mg/Kg	2	☼	6010C	Total/NA
Chromium	42.6	F2 F1	0.54	0.22	mg/Kg	1	☼	6010C	Total/NA
Cobalt	3.3		0.54	0.054	mg/Kg	1	☼	6010C	Total/NA
Copper	58.2	F1 F2	2.2	0.45	mg/Kg	2	☼	6010C	Total/NA
Iron	18600		10.8	3.8	mg/Kg	1	☼	6010C	Total/NA
Lead	253	F2	1.1	0.26	mg/Kg	1	☼	6010C	Total/NA
Magnesium	24800	B	21.5	1.0	mg/Kg	1	☼	6010C	Total/NA
Manganese	2280	B	0.22	0.034	mg/Kg	1	☼	6010C	Total/NA
Nickel	19.6	F2	5.4	0.25	mg/Kg	1	☼	6010C	Total/NA
Potassium	1730		32.3	21.5	mg/Kg	1	☼	6010C	Total/NA
Selenium	2.6	J	4.3	0.43	mg/Kg	1	☼	6010C	Total/NA
Silver	0.69		0.65	0.22	mg/Kg	1	☼	6010C	Total/NA
Sodium	677		151	14.0	mg/Kg	1	☼	6010C	Total/NA
Thallium	2.2	J	6.5	0.32	mg/Kg	1	☼	6010C	Total/NA
Vanadium	18.4	F1	0.54	0.12	mg/Kg	1	☼	6010C	Total/NA
Zinc	121	F2 F1	2.2	0.69	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.11	F1 F2	0.021	0.0048	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: DUP-2 — Lab Sample ID: 480-201621-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	340	J	990	99	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	470	J	990	150	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	560	J	990	160	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	330	J	990	100	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	310	J	990	130	ug/Kg	5	☼	8270D	Total/NA
Chrysene	410	J	990	220	ug/Kg	5	☼	8270D	Total/NA
Diethyl phthalate	220	J B	990	130	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	640	J	990	100	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	310	J	990	120	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	200	J	990	150	ug/Kg	5	☼	8270D	Total/NA
Pyrene	490	J	990	120	ug/Kg	5	☼	8270D	Total/NA
Aluminum	10900		12.4	5.5	mg/Kg	1	☼	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201621-1

Client Sample ID: DUP-2 (Continued)

Lab Sample ID: 480-201621-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	4.9	J	18.6	0.50	mg/Kg	1	☼	6010C	Total/NA
Arsenic	10.3		2.5	0.50	mg/Kg	1	☼	6010C	Total/NA
Barium	165		0.62	0.14	mg/Kg	1	☼	6010C	Total/NA
Beryllium	2.0		0.25	0.035	mg/Kg	1	☼	6010C	Total/NA
Cadmium	1.3		0.25	0.037	mg/Kg	1	☼	6010C	Total/NA
Calcium	144000	B	124	8.2	mg/Kg	2	☼	6010C	Total/NA
Chromium	384		1.2	0.50	mg/Kg	2	☼	6010C	Total/NA
Cobalt	5.3		0.62	0.062	mg/Kg	1	☼	6010C	Total/NA
Copper	63.1		2.5	0.52	mg/Kg	2	☼	6010C	Total/NA
Iron	102000		24.8	8.7	mg/Kg	2	☼	6010C	Total/NA
Lead	114		2.5	0.59	mg/Kg	2	☼	6010C	Total/NA
Magnesium	19200	B	24.8	1.1	mg/Kg	1	☼	6010C	Total/NA
Manganese	7190	B	0.50	0.079	mg/Kg	2	☼	6010C	Total/NA
Nickel	33.6		12.4	0.57	mg/Kg	2	☼	6010C	Total/NA
Potassium	998		37.2	24.8	mg/Kg	1	☼	6010C	Total/NA
Selenium	5.9		5.0	0.50	mg/Kg	1	☼	6010C	Total/NA
Silver	1.2		0.74	0.25	mg/Kg	1	☼	6010C	Total/NA
Sodium	375		174	16.1	mg/Kg	1	☼	6010C	Total/NA
Thallium	4.2	J	14.9	0.74	mg/Kg	2	☼	6010C	Total/NA
Vanadium	126		1.2	0.27	mg/Kg	2	☼	6010C	Total/NA
Zinc	108		2.5	0.79	mg/Kg	1	☼	6010C	Total/NA
Mercury	0.11		0.024	0.0055	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201621-1

Client Sample ID: SS-1 (0-2")
Date Collected: 09/14/22 10:00
Date Received: 09/14/22 12:16

Lab Sample ID: 480-201621-1
Matrix: Solid
Percent Solids: 89.9

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		930	140	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
bis (2-chloroisopropyl) ether	ND		930	190	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
2,4,5-Trichlorophenol	ND		930	250	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
2,4,6-Trichlorophenol	ND		930	190	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
2,4-Dichlorophenol	ND		930	98	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
2,4-Dimethylphenol	ND		930	220	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
2,4-Dinitrophenol	ND		9000	4300	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
2,4-Dinitrotoluene	ND		930	190	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
2,6-Dinitrotoluene	ND		930	110	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
2-Chloronaphthalene	ND		930	150	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
1,4-Dioxane	ND		540	300	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
2-Chlorophenol	ND		1800	170	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
2-Methylnaphthalene	ND		930	190	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
2-Methylphenol	ND		930	110	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
2-Nitroaniline	ND		1800	140	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
2-Nitrophenol	ND		930	260	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
3,3'-Dichlorobenzidine	ND		1800	1100	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
3-Nitroaniline	ND		1800	260	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
4,6-Dinitro-2-methylphenol	ND		1800	930	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
4-Bromophenyl phenyl ether	ND		930	130	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
4-Chloro-3-methylphenol	ND		930	230	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
4-Chloroaniline	ND		930	230	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
4-Chlorophenyl phenyl ether	ND		930	110	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
4-Methylphenol	ND		1800	110	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
4-Nitroaniline	ND		1800	480	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
4-Nitrophenol	ND		1800	650	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Acenaphthene	ND		930	140	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Acenaphthylene	ND		930	120	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Acetophenone	ND		930	130	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Anthracene	ND		930	230	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Atrazine	ND		930	320	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Benzaldehyde	ND		930	730	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Benzo[a]anthracene	340	J	930	93	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Benzo[a]pyrene	470	J	930	140	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Benzo[b]fluoranthene	610	J	930	150	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Benzo[g,h,i]perylene	360	J	930	98	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Benzo[k]fluoranthene	230	J	930	120	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Bis(2-chloroethoxy)methane	ND		930	200	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Bis(2-chloroethyl)ether	ND		930	120	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Bis(2-ethylhexyl) phthalate	ND		930	320	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Butyl benzyl phthalate	ND		930	150	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Caprolactam	ND		930	280	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Carbazole	ND		930	110	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Chrysene	410	J	930	210	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Di-n-butyl phthalate	ND		930	160	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Di-n-octyl phthalate	ND		930	110	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Dibenz(a,h)anthracene	ND		930	160	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Dibenzofuran	ND		930	110	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Diethyl phthalate	220	J B	930	120	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5

Client Sample ID: SS-1 (0-2")
Date Collected: 09/14/22 10:00
Date Received: 09/14/22 12:16

Lab Sample ID: 480-201621-1
Matrix: Solid
Percent Solids: 89.9

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		930	110	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Fluoranthene	630	J	930	98	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Fluorene	ND		930	110	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Hexachlorobenzene	ND		930	130	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Hexachlorobutadiene	ND		930	140	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Hexachlorocyclopentadiene	ND		930	130	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Hexachloroethane	ND		930	120	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Indeno[1,2,3-cd]pyrene	320	J	930	110	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Isophorone	ND		930	200	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
N-Nitrosodi-n-propylamine	ND		930	160	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
N-Nitrosodiphenylamine	ND		930	750	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Naphthalene	ND		930	120	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Nitrobenzene	ND		930	100	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Pentachlorophenol	ND		1800	930	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Phenanthrene	210	J	930	140	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Phenol	ND		930	140	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5
Pyrene	510	J	930	110	ug/Kg	☼	09/16/22 08:32	09/21/22 15:43	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*750*	*T J*	*ug/Kg*	☼	*2.96*		*09/16/22 08:32*	*09/21/22 15:43*	*5*
Unknown	*2300*	*T J*	*ug/Kg*	☼	*15.89*		*09/16/22 08:32*	*09/21/22 15:43*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*89*		*54 - 120*	*09/16/22 08:32*	*09/21/22 15:43*	*5*
2-Fluorobiphenyl	*89*		*60 - 120*	*09/16/22 08:32*	*09/21/22 15:43*	*5*
2-Fluorophenol	*67*		*52 - 120*	*09/16/22 08:32*	*09/21/22 15:43*	*5*
Nitrobenzene-d5	*77*		*53 - 120*	*09/16/22 08:32*	*09/21/22 15:43*	*5*
p-Terphenyl-d14	*85*		*79 - 130*	*09/16/22 08:32*	*09/21/22 15:43*	*5*
Phenol-d5	*72*		*54 - 120*	*09/16/22 08:32*	*09/21/22 15:43*	*5*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8270	B	10.7	4.7	mg/Kg	☼	09/15/22 11:25	09/16/22 18:56	1
Antimony	4.1	J	80.2	2.1	mg/Kg	☼	09/15/22 11:25	09/20/22 14:09	5
Arsenic	16.6		2.1	0.43	mg/Kg	☼	09/15/22 11:25	09/16/22 18:56	1
Barium	105	B	0.53	0.12	mg/Kg	☼	09/15/22 11:25	09/16/22 18:56	1
Beryllium	1.4	B	0.21	0.030	mg/Kg	☼	09/15/22 11:25	09/16/22 18:56	1
Cadmium	0.51	B	0.21	0.032	mg/Kg	☼	09/15/22 11:25	09/16/22 18:56	1
Calcium	86900	B	53.5	3.5	mg/Kg	☼	09/15/22 11:25	09/16/22 18:56	1
Chromium	106		0.53	0.21	mg/Kg	☼	09/15/22 11:25	09/16/22 18:56	1
Cobalt	8.5		0.53	0.053	mg/Kg	☼	09/15/22 11:25	09/16/22 18:56	1
Copper	76.5		1.1	0.22	mg/Kg	☼	09/15/22 11:25	09/16/22 18:56	1
Iron	166000	B	53.5	18.7	mg/Kg	☼	09/15/22 11:25	09/20/22 14:09	5
Lead	78.5		5.3	1.3	mg/Kg	☼	09/15/22 11:25	09/20/22 14:09	5
Magnesium	13900	B	21.4	0.99	mg/Kg	☼	09/15/22 11:25	09/16/22 18:56	1
Manganese	2110	B	0.21	0.034	mg/Kg	☼	09/15/22 11:25	09/16/22 18:56	1
Nickel	38.7		26.7	1.2	mg/Kg	☼	09/15/22 11:25	09/20/22 14:09	5
Potassium	718		32.1	21.4	mg/Kg	☼	09/15/22 11:25	09/16/22 18:56	1
Selenium	4.1	J	4.3	0.43	mg/Kg	☼	09/15/22 11:25	09/16/22 18:56	1
Silver	0.56	J	1.3	0.43	mg/Kg	☼	09/15/22 11:25	09/20/22 14:13	2

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201621-1

Client Sample ID: SS-1 (0-2")
Date Collected: 09/14/22 10:00
Date Received: 09/14/22 12:16

Lab Sample ID: 480-201621-1
Matrix: Solid
Percent Solids: 89.9

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**319**		150	13.9	mg/Kg	☼	09/15/22 11:25	09/16/22 18:56	1
Thallium	ND		6.4	0.32	mg/Kg	☼	09/15/22 11:25	09/16/22 18:56	1
Vanadium	**40.1**		2.7	0.59	mg/Kg	☼	09/15/22 11:25	09/20/22 14:09	5
Zinc	**88.7**		2.1	0.68	mg/Kg	☼	09/15/22 11:25	09/16/22 18:56	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.071**		0.021	0.0048	mg/Kg	☼	09/15/22 10:09	09/15/22 13:58	1

Client Sample ID: SS-2 (0-2")
Date Collected: 09/14/22 10:15
Date Received: 09/14/22 12:16

Lab Sample ID: 480-201621-2
Matrix: Solid
Percent Solids: 86.0

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
1,2,4-Trimethylbenzene	ND		5.0	0.95	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
1,3,5-Trimethylbenzene	ND		5.0	0.32	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
2-Hexanone	ND		25	2.5	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
4-Isopropyltoluene	1.2	J	5.0	0.40	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Acetone	ND		25	4.2	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Benzene	ND		5.0	0.24	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Bromoform	ND		5.0	2.5	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Bromomethane	ND		5.0	0.45	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Carbon disulfide	ND		5.0	2.5	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Chlorobenzene	ND		5.0	0.66	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Chloroethane	ND		5.0	1.1	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Chloroform	0.46	J B	5.0	0.31	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Chloromethane	ND		5.0	0.30	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Cyclohexane	ND		5.0	0.70	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Ethylbenzene	ND		5.0	0.34	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Methyl acetate	ND		25	3.0	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Methylene Chloride	ND		5.0	2.3	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
m,p-Xylene	ND		9.9	0.83	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Naphthalene	ND		5.0	0.67	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
n-Butylbenzene	ND		5.0	0.43	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
N-Propylbenzene	ND		5.0	0.40	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
o-Xylene	ND		5.0	0.65	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
sec-Butylbenzene	ND		5.0	0.43	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Toluene	ND		5.0	0.38	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1

Client Sample ID: SS-2 (0-2")
Date Collected: 09/14/22 10:15
Date Received: 09/14/22 12:16

Lab Sample ID: 480-201621-2
Matrix: Solid
Percent Solids: 86.0

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		5.0	0.51	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Trichloroethene	ND		5.0	1.1	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Vinyl chloride	ND		5.0	0.61	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Xylenes, Total	ND		9.9	0.83	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
Styrene	ND		5.0	0.25	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1
tert-Butylbenzene	ND		5.0	0.52	ug/Kg	☼	09/14/22 16:00	09/15/22 02:33	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
2-Pentanone	*6.6*	*T J N*	*ug/Kg*	☼	*5.80*	*107-87-9*	*09/14/22 16:00*	*09/15/22 02:33*	*1*
column bleed	*32*	*T J*	*ug/Kg*	☼	*9.59*		*09/14/22 16:00*	*09/15/22 02:33*	*1*
Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methylene-, (1S)-	*10*	*T J N*	*ug/Kg*	☼	*9.91*	*18172-67-3*	*09/14/22 16:00*	*09/15/22 02:33*	*1*
1H-Cyclopenta[1,3]cyclopropa[1,2]benzene	*6.7*	*T J N*	*ug/Kg*	☼	*13.89*	*13744-15-5*	*09/14/22 16:00*	*09/15/22 02:33*	*1*
Azulene, 1,2,3,3a,4,5,6,7-octahydro-1,4-dimethyl-7-(1-methyl	*5.3*	*T J N*	*ug/Kg*	☼	*14.53*	*22567-17-5*	*09/14/22 16:00*	*09/15/22 02:33*	*1*
Germacrene D	*5.9*	*T J N*	*ug/Kg*	☼	*14.68*	*23986-74-5*	*09/14/22 16:00*	*09/15/22 02:33*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*	*09/14/22 16:00*	*09/15/22 02:33*	*1*
4-Bromofluorobenzene (Surr)	*87*		*72 - 126*	*09/14/22 16:00*	*09/15/22 02:33*	*1*
Toluene-d8 (Surr)	*116*		*71 - 125*	*09/14/22 16:00*	*09/15/22 02:33*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*09/14/22 16:00*	*09/15/22 02:33*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1900	290	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
bis (2-chloroisopropyl) ether	ND		1900	390	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
2,4,5-Trichlorophenol	ND		1900	530	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
2,4,6-Trichlorophenol	ND		1900	390	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
2,4-Dichlorophenol	ND		1900	210	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
2,4-Dimethylphenol	ND		1900	470	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
2,4-Dinitrophenol	ND		19000	9000	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
2,4-Dinitrotoluene	ND		1900	400	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
2,6-Dinitrotoluene	ND		1900	230	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
2-Chloronaphthalene	ND		1900	320	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
1,4-Dioxane	ND		1100	630	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
2-Chlorophenol	ND		3800	350	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
2-Methylnaphthalene	ND		1900	390	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
2-Methylphenol	ND		1900	230	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
2-Nitroaniline	ND		3800	290	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
2-Nitrophenol	ND		1900	550	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
3,3'-Dichlorobenzidine	ND		3800	2300	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
3-Nitroaniline	ND		3800	540	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
4,6-Dinitro-2-methylphenol	ND		3800	1900	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
4-Bromophenyl phenyl ether	ND		1900	270	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
4-Chloro-3-methylphenol	ND		1900	480	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10

Client Sample ID: SS-2 (0-2")
Date Collected: 09/14/22 10:15
Date Received: 09/14/22 12:16

Lab Sample ID: 480-201621-2
Matrix: Solid
Percent Solids: 86.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloroaniline	ND		1900	480	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
4-Chlorophenyl phenyl ether	ND		1900	240	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
4-Methylphenol	ND		3800	230	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
4-Nitroaniline	ND		3800	1000	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
4-Nitrophenol	ND		3800	1400	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Acenaphthene	ND		1900	290	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Acenaphthylene	ND		1900	250	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Acetophenone	ND		1900	260	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Anthracene	ND		1900	480	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Atrazine	ND		1900	680	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Benzaldehyde	ND		1900	1500	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Benzo[a]anthracene	1900		1900	190	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Benzo[a]pyrene	2400		1900	290	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Benzo[b]fluoranthene	3100		1900	310	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Benzo[g,h,i]perylene	1700	J	1900	210	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Benzo[k]fluoranthene	1100	J	1900	250	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Bis(2-chloroethoxy)methane	ND		1900	410	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Bis(2-chloroethyl)ether	ND		1900	250	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Bis(2-ethylhexyl) phthalate	ND		1900	660	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Butyl benzyl phthalate	330	J	1900	320	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Caprolactam	ND		1900	580	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Carbazole	ND		1900	230	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Chrysene	2100		1900	430	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Di-n-butyl phthalate	ND		1900	330	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Di-n-octyl phthalate	ND		1900	230	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Dibenz(a,h)anthracene	420	J	1900	340	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Dibenzofuran	ND		1900	230	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Diethyl phthalate	340	J B	1900	250	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Dimethyl phthalate	ND		1900	230	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Fluoranthene	3800		1900	210	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Fluorene	ND		1900	230	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Hexachlorobenzene	ND		1900	260	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Hexachlorobutadiene	ND		1900	290	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Hexachlorocyclopentadiene	ND		1900	260	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Hexachloroethane	ND		1900	250	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Indeno[1,2,3-cd]pyrene	1900		1900	240	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Isophorone	ND		1900	410	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
N-Nitrosodi-n-propylamine	ND		1900	330	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
N-Nitrosodiphenylamine	ND		1900	1600	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Naphthalene	ND		1900	250	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Nitrobenzene	ND		1900	220	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Pentachlorophenol	ND		3800	1900	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Phenanthrene	1400	J	1900	290	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Phenol	ND		1900	300	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10
Pyrene	3100		1900	230	ug/Kg	☼	09/16/22 08:32	09/22/22 15:51	10

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzo[e]pyrene	*1700*	*T J N*	*ug/Kg*	☼	*10.17*	*192-97-2*	*09/16/22 08:32*	*09/22/22 15:51*	*10*

Client Sample ID: SS-2 (0-2")
Date Collected: 09/14/22 10:15
Date Received: 09/14/22 12:16

Lab Sample ID: 480-201621-2
Matrix: Solid
Percent Solids: 86.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	79		54 - 120	09/16/22 08:32	09/22/22 15:51	10
2-Fluorobiphenyl	64		60 - 120	09/16/22 08:32	09/22/22 15:51	10
2-Fluorophenol	51	S1-	52 - 120	09/16/22 08:32	09/22/22 15:51	10
Nitrobenzene-d5	58		53 - 120	09/16/22 08:32	09/22/22 15:51	10
p-Terphenyl-d14	67	S1-	79 - 130	09/16/22 08:32	09/22/22 15:51	10
Phenol-d5	58		54 - 120	09/16/22 08:32	09/22/22 15:51	10

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	12	J	38	7.4	ug/Kg	☼	09/19/22 16:13	09/20/22 10:59	20
4,4'-DDE	ND		38	8.0	ug/Kg	☼	09/19/22 16:13	09/20/22 10:59	20
4,4'-DDT	ND		38	8.9	ug/Kg	☼	09/19/22 16:13	09/20/22 10:59	20
Aldrin	ND		38	9.4	ug/Kg	☼	09/19/22 16:13	09/20/22 10:59	20
alpha-BHC	ND		38	6.9	ug/Kg	☼	09/19/22 16:13	09/20/22 10:59	20
cis-Chlordane	ND		38	19	ug/Kg	☼	09/19/22 16:13	09/20/22 10:59	20
beta-BHC	ND		38	6.9	ug/Kg	☼	09/19/22 16:13	09/20/22 10:59	20
delta-BHC	ND		38	7.1	ug/Kg	☼	09/19/22 16:13	09/20/22 10:59	20
Dieldrin	ND		38	9.2	ug/Kg	☼	09/19/22 16:13	09/20/22 10:59	20
Endosulfan I	ND		38	7.3	ug/Kg	☼	09/19/22 16:13	09/20/22 10:59	20
Endosulfan II	ND		38	6.9	ug/Kg	☼	09/19/22 16:13	09/20/22 10:59	20
Endosulfan sulfate	ND		38	7.1	ug/Kg	☼	09/19/22 16:13	09/20/22 10:59	20
Endrin	ND		38	7.6	ug/Kg	☼	09/19/22 16:13	09/20/22 10:59	20
Endrin aldehyde	ND		38	9.7	ug/Kg	☼	09/19/22 16:13	09/20/22 10:59	20
Endrin ketone	17	J	38	9.4	ug/Kg	☼	09/19/22 16:13	09/20/22 10:59	20
gamma-BHC (Lindane)	ND		38	7.0	ug/Kg	☼	09/19/22 16:13	09/20/22 10:59	20
trans-Chlordane	ND		38	12	ug/Kg	☼	09/19/22 16:13	09/20/22 10:59	20
Heptachlor	ND		38	8.3	ug/Kg	☼	09/19/22 16:13	09/20/22 10:59	20
Heptachlor epoxide	ND		38	9.8	ug/Kg	☼	09/19/22 16:13	09/20/22 10:59	20
Methoxychlor	42		38	7.8	ug/Kg	☼	09/19/22 16:13	09/20/22 10:59	20
Toxaphene	ND		380	220	ug/Kg	☼	09/19/22 16:13	09/20/22 10:59	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	138	S1+	45 - 120	09/19/22 16:13	09/20/22 10:59	20
DCB Decachlorobiphenyl	410	S1+	45 - 120	09/19/22 16:13	09/20/22 10:59	20
Tetrachloro-m-xylene	121		30 - 124	09/19/22 16:13	09/20/22 10:59	20
Tetrachloro-m-xylene	110		30 - 124	09/19/22 16:13	09/20/22 10:59	20

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.25	0.049	mg/Kg	☼	09/15/22 15:50	09/16/22 18:15	1
PCB-1221	ND		0.25	0.049	mg/Kg	☼	09/15/22 15:50	09/16/22 18:15	1
PCB-1232	ND		0.25	0.049	mg/Kg	☼	09/15/22 15:50	09/16/22 18:15	1
PCB-1242	ND		0.25	0.049	mg/Kg	☼	09/15/22 15:50	09/16/22 18:15	1
PCB-1248	ND		0.25	0.049	mg/Kg	☼	09/15/22 15:50	09/16/22 18:15	1
PCB-1254	ND		0.25	0.12	mg/Kg	☼	09/15/22 15:50	09/16/22 18:15	1
PCB-1260	ND		0.25	0.12	mg/Kg	☼	09/15/22 15:50	09/16/22 18:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	127		60 - 154	09/15/22 15:50	09/16/22 18:15	1
Tetrachloro-m-xylene	119		60 - 154	09/15/22 15:50	09/16/22 18:15	1
DCB Decachlorobiphenyl	98		65 - 174	09/15/22 15:50	09/16/22 18:15	1

Client Sample ID: SS-2 (0-2")
Date Collected: 09/14/22 10:15
Date Received: 09/14/22 12:16

Lab Sample ID: 480-201621-2
Matrix: Solid
Percent Solids: 86.0

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	*100*		*65 - 174*	*09/15/22 15:50*	*09/16/22 18:15*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		19	6.1	ug/Kg	☼	09/20/22 07:01	09/22/22 18:28	1
Silvex (2,4,5-TP)	ND		19	6.9	ug/Kg	☼	09/20/22 07:01	09/22/22 18:28	1
2,4-D	ND		19	12	ug/Kg	☼	09/20/22 07:01	09/22/22 18:28	1
Dichlorprop	ND		19	9.5	ug/Kg	☼	09/20/22 07:01	09/22/22 18:28	1
Pentachlorophenol	ND		19	6.2	ug/Kg	☼	09/20/22 07:01	09/22/22 18:28	1
Picloram	ND		19	8.2	ug/Kg	☼	09/20/22 07:01	09/22/22 18:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	*78*		*28 - 129*	*09/20/22 07:01*	*09/22/22 18:28*	*1*
2,4-Dichlorophenylacetic acid	*80*		*28 - 129*	*09/20/22 07:01*	*09/22/22 18:28*	*1*

Method: EPA 537 (Modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**0.044**	**J B**	0.23	0.022	ng/g	☼	09/21/22 16:45	10/04/22 20:45	1
Perfluoroheptanoic acid	ND		0.23	0.028	ng/g	☼	09/21/22 16:45	10/04/22 20:45	1
Perfluorooctanoic acid	**0.053**	**J B**	0.23	0.025	ng/g	☼	09/21/22 16:45	10/04/22 20:45	1
Perfluorononanoic acid	**0.049**	**J**	0.23	0.026	ng/g	☼	09/21/22 16:45	10/04/22 20:45	1
Perfluorodecanoic acid	**0.048**	**J B**	0.23	0.028	ng/g	☼	09/21/22 16:45	10/04/22 20:45	1
Perfluorotridecanoic acid	**0.049**	**J**	0.23	0.024	ng/g	☼	09/21/22 16:45	10/04/22 20:45	1
Perfluorotetradecanoic acid	**0.034**	**J**	0.23	0.028	ng/g	☼	09/21/22 16:45	10/04/22 20:45	1
Perfluorobutanesulfonic acid	ND		0.46	0.42	ng/g	☼	09/21/22 16:45	10/04/22 20:45	1
Perfluorohexanesulfonic acid	ND		0.23	0.022	ng/g	☼	09/21/22 16:45	10/04/22 20:45	1
Perfluorooctanesulfonic acid	**0.37**		0.23	0.040	ng/g	☼	09/21/22 16:45	10/04/22 20:45	1
NEtFOSAA	**0.23**		0.23	0.025	ng/g	☼	09/21/22 16:45	10/04/22 20:45	1
NMeFOSAA	ND		0.23	0.036	ng/g	☼	09/21/22 16:45	10/04/22 20:45	1
Perfluoroheptanesulfonic acid	ND		0.23	0.023	ng/g	☼	09/21/22 16:45	10/04/22 20:45	1
Perfluorodecanesulfonic acid	**0.047**	**J**	0.23	0.024	ng/g	☼	09/21/22 16:45	10/04/22 20:45	1
Perfluorooctanesulfonamide	ND		0.23	0.024	ng/g	☼	09/21/22 16:45	10/04/22 20:45	1
Perfluorobutanoic acid	**0.056**	**J**	0.23	0.028	ng/g	☼	09/21/22 16:45	10/04/22 20:45	1
Perfluoroundecanoic acid	**0.068**	**J**	0.23	0.064	ng/g	☼	09/21/22 16:45	10/04/22 20:45	1
Perfluorododecanoic acid	**0.048**	**J**	0.23	0.026	ng/g	☼	09/21/22 16:45	10/04/22 20:45	1
6:2 Fluorotelomer sulfonic acid	ND		0.23	0.056	ng/g	☼	09/21/22 16:45	10/04/22 20:45	1
8:2 Fluorotelomer sulfonic acid	ND		0.23	0.020	ng/g	☼	09/21/22 16:45	10/04/22 20:45	1
Perfluoropentanoic acid	ND		0.23	0.028	ng/g	☼	09/21/22 16:45	10/04/22 20:45	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-8:2 FTS	*193*		*15 - 200*	*09/21/22 16:45*	*10/04/22 20:45*	*1*
M2-6:2 FTS	*228*	*5+	*10 - 200*	*09/21/22 16:45*	*10/04/22 20:45*	*1*
13C5 PFHxA	*115*		*10 - 174*	*09/21/22 16:45*	*10/04/22 20:45*	*1*
13C4 PFHpA	*113*		*10 - 178*	*09/21/22 16:45*	*10/04/22 20:45*	*1*
13C8 PFOA	*112*		*26 - 159*	*09/21/22 16:45*	*10/04/22 20:45*	*1*
13C9 PFNA	*156*		*26 - 165*	*09/21/22 16:45*	*10/04/22 20:45*	*1*
13C6 PFDA	*119*		*26 - 161*	*09/21/22 16:45*	*10/04/22 20:45*	*1*
13C7 PFUnA	*123*		*12 - 173*	*09/21/22 16:45*	*10/04/22 20:45*	*1*
13C2-PFDoDA	*117*		*11 - 166*	*09/21/22 16:45*	*10/04/22 20:45*	*1*
13C2 PFTeDA	*119*		*10 - 169*	*09/21/22 16:45*	*10/04/22 20:45*	*1*

Client Sample ID: SS-2 (0-2")
Date Collected: 09/14/22 10:15
Date Received: 09/14/22 12:16

Lab Sample ID: 480-201621-2
Matrix: Solid
Percent Solids: 86.0

Method: EPA 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 PFBS	118		27 - 179	09/21/22 16:45	10/04/22 20:45	1
13C3 PFHxS	103		24 - 171	09/21/22 16:45	10/04/22 20:45	1
13C8 PFOS	129		41 - 154	09/21/22 16:45	10/04/22 20:45	1
d3-NMeFOSAA	126		10 - 178	09/21/22 16:45	10/04/22 20:45	1
d5-NEtFOSAA	126		10 - 193	09/21/22 16:45	10/04/22 20:45	1
13C8 FOSA	63		14 - 163	09/21/22 16:45	10/04/22 20:45	1
13C4 PFBA	119		28 - 153	09/21/22 16:45	10/04/22 20:45	1
13C5 PFPeA	129		24 - 161	09/21/22 16:45	10/04/22 20:45	1

Method: EPA 537 (Modified) - Fluorinated Alkyl Substances - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	0.037	J H	0.23	0.022	ng/g	☼	10/06/22 17:06	10/11/22 04:15	1
Perfluoroheptanoic acid	ND	H	0.23	0.028	ng/g	☼	10/06/22 17:06	10/11/22 04:15	1
Perfluorooctanoic acid	0.064	J H	0.23	0.025	ng/g	☼	10/06/22 17:06	10/11/22 04:15	1
Perfluorononanoic acid	0.040	J H	0.23	0.027	ng/g	☼	10/06/22 17:06	10/11/22 04:15	1
Perfluorodecanoic acid	0.047	J H	0.23	0.028	ng/g	☼	10/06/22 17:06	10/11/22 04:15	1
Perfluorotridecanoic acid	0.035	J H	0.23	0.024	ng/g	☼	10/06/22 17:06	10/11/22 04:15	1
Perfluorotetradecanoic acid	ND	H	0.23	0.028	ng/g	☼	10/06/22 17:06	10/11/22 04:15	1
Perfluorobutanesulfonic acid	ND	H	0.46	0.42	ng/g	☼	10/06/22 17:06	10/11/22 04:15	1
Perfluorohexanesulfonic acid	ND	H	0.23	0.022	ng/g	☼	10/06/22 17:06	10/11/22 04:15	1
Perfluorooctanesulfonic acid	0.35	H	0.23	0.040	ng/g	☼	10/06/22 17:06	10/11/22 04:15	1
NEtFOSAA	0.21	J H	0.23	0.025	ng/g	☼	10/06/22 17:06	10/11/22 04:15	1
NMeFOSAA	ND	H	0.23	0.036	ng/g	☼	10/06/22 17:06	10/11/22 04:15	1
Perfluoroheptanesulfonic acid	ND	H	0.23	0.023	ng/g	☼	10/06/22 17:06	10/11/22 04:15	1
Perfluorodecanesulfonic acid	0.053	J H	0.23	0.024	ng/g	☼	10/06/22 17:06	10/11/22 04:15	1
Perfluorooctanesulfonamide	ND	H	0.23	0.024	ng/g	☼	10/06/22 17:06	10/11/22 04:15	1
Perfluorobutanoic acid	0.045	J H	0.23	0.028	ng/g	☼	10/06/22 17:06	10/11/22 04:15	1
Perfluoroundecanoic acid	ND	H	0.23	0.065	ng/g	☼	10/06/22 17:06	10/11/22 04:15	1
Perfluorododecanoic acid	0.038	J H	0.23	0.027	ng/g	☼	10/06/22 17:06	10/11/22 04:15	1
6:2 Fluorotelomer sulfonic acid	ND	H	0.23	0.057	ng/g	☼	10/06/22 17:06	10/11/22 04:15	1
8:2 Fluorotelomer sulfonic acid	ND	H	0.23	0.020	ng/g	☼	10/06/22 17:06	10/11/22 04:15	1
Perfluoropentanoic acid	ND	H	0.23	0.028	ng/g	☼	10/06/22 17:06	10/11/22 04:15	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-8:2 FTS	198		15 - 200	10/06/22 17:06	10/11/22 04:15	1
M2-6:2 FTS	216	*5+	10 - 200	10/06/22 17:06	10/11/22 04:15	1
13C5 PFHxA	88		10 - 174	10/06/22 17:06	10/11/22 04:15	1
13C4 PFHpA	89		10 - 178	10/06/22 17:06	10/11/22 04:15	1
13C8 PFOA	83		26 - 159	10/06/22 17:06	10/11/22 04:15	1
13C9 PFNA	124		26 - 165	10/06/22 17:06	10/11/22 04:15	1
13C6 PFDA	91		26 - 161	10/06/22 17:06	10/11/22 04:15	1
13C7 PFUnA	95		12 - 173	10/06/22 17:06	10/11/22 04:15	1
13C2-PFDoDA	89		11 - 166	10/06/22 17:06	10/11/22 04:15	1
13C2 PFTeDA	90		10 - 169	10/06/22 17:06	10/11/22 04:15	1
13C3 PFBS	92		27 - 179	10/06/22 17:06	10/11/22 04:15	1
13C3 PFHxS	84		24 - 171	10/06/22 17:06	10/11/22 04:15	1
13C8 PFOS	99		41 - 154	10/06/22 17:06	10/11/22 04:15	1
d3-NMeFOSAA	105		10 - 178	10/06/22 17:06	10/11/22 04:15	1
d5-NEtFOSAA	109		10 - 193	10/06/22 17:06	10/11/22 04:15	1
13C8 FOSA	65		14 - 163	10/06/22 17:06	10/11/22 04:15	1

Client Sample ID: SS-2 (0-2")

Date Collected: 09/14/22 10:15
Date Received: 09/14/22 12:16

Lab Sample ID: 480-201621-2

Matrix: Solid
Percent Solids: 86.0

Method: EPA 537 (Modified) - Fluorinated Alkyl Substances - RE (Continued)

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C4 PFBA	*93*		*28 - 153*	*10/06/22 17:06*	*10/11/22 04:15*	*1*
13C5 PFPeA	*92*		*24 - 161*	*10/06/22 17:06*	*10/11/22 04:15*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11900**	**B**	11.0	4.9	mg/Kg	☼	09/15/22 11:25	09/16/22 18:52	1
Antimony	**2.6**	**J**	16.5	0.44	mg/Kg	☼	09/15/22 11:25	09/16/22 18:52	1
Arsenic	**8.3**		2.2	0.44	mg/Kg	☼	09/15/22 11:25	09/16/22 18:52	1
Barium	**123**	**B**	0.55	0.12	mg/Kg	☼	09/15/22 11:25	09/16/22 18:52	1
Beryllium	**1.7**	**B**	0.22	0.031	mg/Kg	☼	09/15/22 11:25	09/16/22 18:52	1
Cadmium	**1.2**	**B**	0.22	0.033	mg/Kg	☼	09/15/22 11:25	09/16/22 18:52	1
Calcium	**116000**	**B**	110	7.3	mg/Kg	☼	09/15/22 11:25	09/20/22 14:05	2
Chromium	**151**		0.55	0.22	mg/Kg	☼	09/15/22 11:25	09/16/22 18:52	1
Cobalt	**4.1**		0.55	0.055	mg/Kg	☼	09/15/22 11:25	09/16/22 18:52	1
Copper	**74.6**		2.2	0.46	mg/Kg	☼	09/15/22 11:25	09/20/22 14:05	2
Iron	**37800**	**B**	11.0	3.9	mg/Kg	☼	09/15/22 11:25	09/16/22 18:52	1
Lead	**134**		1.1	0.26	mg/Kg	☼	09/15/22 11:25	09/16/22 18:52	1
Magnesium	**22300**	**B**	22.1	1.0	mg/Kg	☼	09/15/22 11:25	09/16/22 18:52	1
Manganese	**3080**	**B**	0.22	0.035	mg/Kg	☼	09/15/22 11:25	09/16/22 18:52	1
Nickel	**18.2**		5.5	0.25	mg/Kg	☼	09/15/22 11:25	09/16/22 18:52	1
Potassium	**1180**		33.1	22.1	mg/Kg	☼	09/15/22 11:25	09/16/22 18:52	1
Selenium	**2.1**	**J**	4.4	0.44	mg/Kg	☼	09/15/22 11:25	09/16/22 18:52	1
Silver	**0.27**	**J**	0.66	0.22	mg/Kg	☼	09/15/22 11:25	09/16/22 18:52	1
Sodium	**394**		154	14.3	mg/Kg	☼	09/15/22 11:25	09/16/22 18:52	1
Thallium	ND		6.6	0.33	mg/Kg	☼	09/15/22 11:25	09/16/22 18:52	1
Vanadium	**54.9**		0.55	0.12	mg/Kg	☼	09/15/22 11:25	09/16/22 18:52	1
Zinc	**210**		2.2	0.71	mg/Kg	☼	09/15/22 11:25	09/16/22 18:52	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.11**		0.023	0.0052	mg/Kg	☼	09/15/22 10:09	09/15/22 13:59	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201621-1

Client Sample ID: SS-3 (0-2")
Date Collected: 09/14/22 10:30
Date Received: 09/14/22 12:16

Lab Sample ID: 480-201621-3
Matrix: Solid
Percent Solids: 93.2

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		900	130	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
bis (2-chloroisopropyl) ether	ND		900	180	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
2,4,5-Trichlorophenol	ND		900	240	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
2,4,6-Trichlorophenol	ND		900	180	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
2,4-Dichlorophenol	ND		900	96	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
2,4-Dimethylphenol	ND		900	220	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
2,4-Dinitrophenol	ND		8800	4200	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
2,4-Dinitrotoluene	ND		900	190	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
2,6-Dinitrotoluene	ND		900	110	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
2-Chloronaphthalene	ND		900	150	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
1,4-Dioxane	ND		530	290	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
2-Chlorophenol	ND		1800	160	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
2-Methylnaphthalene	ND		900	180	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
2-Methylphenol	ND		900	110	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
2-Nitroaniline	ND		1800	130	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
2-Nitrophenol	ND		900	260	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
3,3'-Dichlorobenzidine	ND		1800	1100	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
3-Nitroaniline	ND		1800	250	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
4,6-Dinitro-2-methylphenol	ND		1800	900	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
4-Bromophenyl phenyl ether	ND		900	130	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
4-Chloro-3-methylphenol	ND		900	220	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
4-Chloroaniline	ND		900	220	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
4-Chlorophenyl phenyl ether	ND		900	110	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
4-Methylphenol	ND		1800	110	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
4-Nitroaniline	ND		1800	470	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
4-Nitrophenol	ND		1800	630	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Acenaphthene	ND		900	130	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Acenaphthylene	ND		900	120	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Acetophenone	ND		900	120	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Anthracene	ND		900	220	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Atrazine	ND		900	310	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Benzaldehyde	ND		900	720	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Benzo[a]anthracene	1000	F1	900	90	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Benzo[a]pyrene	1500	F2 F1	900	130	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Benzo[b]fluoranthene	1800	F2	900	140	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Benzo[g,h,i]perylene	1600	F2 F1	900	96	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Benzo[k]fluoranthene	940		900	120	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Bis(2-chloroethoxy)methane	ND		900	190	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Bis(2-chloroethyl)ether	ND		900	120	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Bis(2-ethylhexyl) phthalate	ND		900	310	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Butyl benzyl phthalate	ND		900	150	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Caprolactam	ND		900	270	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Carbazole	ND		900	110	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Chrysene	1300	F1	900	200	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Di-n-butyl phthalate	ND		900	150	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Di-n-octyl phthalate	ND		900	110	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Dibenz(a,h)anthracene	420	J F2	900	160	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Dibenzofuran	ND		900	110	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Diethyl phthalate	120	J B	900	120	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5

Client Sample ID: SS-3 (0-2")
Date Collected: 09/14/22 10:30
Date Received: 09/14/22 12:16

Lab Sample ID: 480-201621-3
Matrix: Solid
Percent Solids: 93.2

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		900	110	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Fluoranthene	1900	F1	900	96	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Fluorene	ND		900	110	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Hexachlorobenzene	ND		900	120	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Hexachlorobutadiene	ND		900	130	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Hexachlorocyclopentadiene	ND		900	120	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Hexachloroethane	ND		900	120	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Indeno[1,2,3-cd]pyrene	1400	F2 F1	900	110	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Isophorone	ND		900	190	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
N-Nitrosodi-n-propylamine	ND		900	150	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
N-Nitrosodiphenylamine	ND		900	730	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Naphthalene	ND		900	120	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Nitrobenzene	ND		900	100	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Pentachlorophenol	ND		1800	900	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Phenanthrene	700	J	900	130	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Phenol	ND		900	140	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5
Pyrene	1600	F1	900	110	ug/Kg	☼	09/16/22 08:32	09/21/22 13:15	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*840*	*T J*	*ug/Kg*	☼	*2.95*		*09/16/22 08:32*	*09/21/22 13:15*	*5*
Unknown	*920*	*T J*	*ug/Kg*	☼	*9.92*		*09/16/22 08:32*	*09/21/22 13:15*	*5*
Perylene	*1100*	*T J N*	*ug/Kg*	☼	*14.06*	*198-55-0*	*09/16/22 08:32*	*09/21/22 13:15*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*81*		*54 - 120*	*09/16/22 08:32*	*09/21/22 13:15*	*5*
2-Fluorobiphenyl	*82*		*60 - 120*	*09/16/22 08:32*	*09/21/22 13:15*	*5*
2-Fluorophenol	*64*		*52 - 120*	*09/16/22 08:32*	*09/21/22 13:15*	*5*
Nitrobenzene-d5	*74*		*53 - 120*	*09/16/22 08:32*	*09/21/22 13:15*	*5*
p-Terphenyl-d14	*81*		*79 - 130*	*09/16/22 08:32*	*09/21/22 13:15*	*5*
Phenol-d5	*69*		*54 - 120*	*09/16/22 08:32*	*09/21/22 13:15*	*5*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	18500	F2	10.8	4.7	mg/Kg	☼	09/15/22 11:25	09/16/22 13:44	1
Antimony	0.84	J F2 F1	16.2	0.43	mg/Kg	☼	09/15/22 11:25	09/16/22 13:44	1
Arsenic	7.4		2.2	0.43	mg/Kg	☼	09/15/22 11:25	09/16/22 13:44	1
Barium	191	F2	0.54	0.12	mg/Kg	☼	09/15/22 11:25	09/16/22 13:44	1
Beryllium	3.8		0.22	0.030	mg/Kg	☼	09/15/22 11:25	09/16/22 13:44	1
Cadmium	0.82		0.22	0.032	mg/Kg	☼	09/15/22 11:25	09/16/22 13:44	1
Calcium	144000	B F2	108	7.1	mg/Kg	☼	09/15/22 11:25	09/20/22 13:19	2
Chromium	42.6	F2 F1	0.54	0.22	mg/Kg	☼	09/15/22 11:25	09/16/22 13:44	1
Cobalt	3.3		0.54	0.054	mg/Kg	☼	09/15/22 11:25	09/16/22 13:44	1
Copper	58.2	F1 F2	2.2	0.45	mg/Kg	☼	09/15/22 11:25	09/20/22 13:19	2
Iron	18600		10.8	3.8	mg/Kg	☼	09/15/22 11:25	09/16/22 13:44	1
Lead	253	F2	1.1	0.26	mg/Kg	☼	09/15/22 11:25	09/16/22 13:44	1
Magnesium	24800	B	21.5	1.0	mg/Kg	☼	09/15/22 11:25	09/16/22 13:44	1
Manganese	2280	B	0.22	0.034	mg/Kg	☼	09/15/22 11:25	09/16/22 13:44	1
Nickel	19.6	F2	5.4	0.25	mg/Kg	☼	09/15/22 11:25	09/16/22 13:44	1
Potassium	1730		32.3	21.5	mg/Kg	☼	09/15/22 11:25	09/16/22 13:44	1
Selenium	2.6	J	4.3	0.43	mg/Kg	☼	09/15/22 11:25	09/16/22 13:44	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201621-1

Client Sample ID: SS-3 (0-2")
Date Collected: 09/14/22 10:30
Date Received: 09/14/22 12:16

Lab Sample ID: 480-201621-3
Matrix: Solid
Percent Solids: 93.2

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.69		0.65	0.22	mg/Kg	☼	09/15/22 11:25	09/16/22 13:44	1
Sodium	677		151	14.0	mg/Kg	☼	09/15/22 11:25	09/16/22 13:44	1
Thallium	2.2	J	6.5	0.32	mg/Kg	☼	09/15/22 11:25	09/16/22 13:44	1
Vanadium	18.4	F1	0.54	0.12	mg/Kg	☼	09/15/22 11:25	09/16/22 13:44	1
Zinc	121	F2 F1	2.2	0.69	mg/Kg	☼	09/15/22 11:25	09/16/22 13:44	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11	F1 F2	0.021	0.0048	mg/Kg	☼	09/15/22 10:09	09/15/22 14:00	1

Client Sample ID: DUP-2
Date Collected: 09/14/22 00:00
Date Received: 09/14/22 12:16

Lab Sample ID: 480-201621-4
Matrix: Solid
Percent Solids: 85.1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		990	150	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
bis (2-chloroisopropyl) ether	ND		990	200	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
2,4,5-Trichlorophenol	ND		990	270	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
2,4,6-Trichlorophenol	ND		990	200	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
2,4-Dichlorophenol	ND		990	100	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
2,4-Dimethylphenol	ND		990	240	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
2,4-Dinitrophenol	ND		9700	4600	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
2,4-Dinitrotoluene	ND		990	200	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
2,6-Dinitrotoluene	ND		990	120	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
2-Chloronaphthalene	ND		990	160	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
1,4-Dioxane	ND		580	320	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
2-Chlorophenol	ND		1900	180	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
2-Methylnaphthalene	ND		990	200	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
2-Methylphenol	ND		990	120	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
2-Nitroaniline	ND		1900	150	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
2-Nitrophenol	ND		990	280	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
3,3'-Dichlorobenzidine	ND		1900	1200	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
3-Nitroaniline	ND		1900	270	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
4,6-Dinitro-2-methylphenol	ND		1900	990	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
4-Bromophenyl phenyl ether	ND		990	140	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
4-Chloro-3-methylphenol	ND		990	240	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
4-Chloroaniline	ND		990	240	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
4-Chlorophenyl phenyl ether	ND		990	120	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
4-Methylphenol	ND		1900	120	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
4-Nitroaniline	ND		1900	520	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
4-Nitrophenol	ND		1900	690	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Acenaphthene	ND		990	150	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Acenaphthylene	ND		990	130	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Acetophenone	ND		990	130	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Anthracene	ND		990	240	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Atrazine	ND		990	340	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Benzaldehyde	ND		990	790	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Benzo[a]anthracene	340	J	990	99	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Benzo[a]pyrene	470	J	990	150	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Benzo[b]fluoranthene	560	J	990	160	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Benzo[g,h,i]perylene	330	J	990	100	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Benzo[k]fluoranthene	310	J	990	130	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Bis(2-chloroethoxy)methane	ND		990	210	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Bis(2-chloroethyl)ether	ND		990	130	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Bis(2-ethylhexyl) phthalate	ND		990	340	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Butyl benzyl phthalate	ND		990	160	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Caprolactam	ND		990	300	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Carbazole	ND		990	120	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Chrysene	410	J	990	220	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Di-n-butyl phthalate	ND		990	170	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Di-n-octyl phthalate	ND		990	120	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Dibenz(a,h)anthracene	ND		990	170	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Dibenzofuran	ND		990	120	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Diethyl phthalate	220	J B	990	130	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5

Client Sample ID: DUP-2
Date Collected: 09/14/22 00:00
Date Received: 09/14/22 12:16

Lab Sample ID: 480-201621-4
Matrix: Solid
Percent Solids: 85.1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		990	120	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Fluoranthene	640	J	990	100	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Fluorene	ND		990	120	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Hexachlorobenzene	ND		990	130	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Hexachlorobutadiene	ND		990	150	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Hexachlorocyclopentadiene	ND		990	130	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Hexachloroethane	ND		990	130	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Indeno[1,2,3-cd]pyrene	310	J	990	120	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Isophorone	ND		990	210	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
N-Nitrosodi-n-propylamine	ND		990	170	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
N-Nitrosodiphenylamine	ND		990	800	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Naphthalene	ND		990	130	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Nitrobenzene	ND		990	110	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Pentachlorophenol	ND		1900	990	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Phenanthrene	200	J	990	150	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Phenol	ND		990	150	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5
Pyrene	490	J	990	120	ug/Kg	☼	09/16/22 08:32	09/21/22 16:31	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*810*	*T J*	*ug/Kg*	☼	*2.95*		*09/16/22 08:32*	*09/21/22 16:31*	*5*
Unknown	*1800*	*T J*	*ug/Kg*	☼	*15.89*		*09/16/22 08:32*	*09/21/22 16:31*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*72*		*54 - 120*	*09/16/22 08:32*	*09/21/22 16:31*	*5*
2-Fluorobiphenyl	*79*		*60 - 120*	*09/16/22 08:32*	*09/21/22 16:31*	*5*
2-Fluorophenol	*62*		*52 - 120*	*09/16/22 08:32*	*09/21/22 16:31*	*5*
Nitrobenzene-d5	*72*		*53 - 120*	*09/16/22 08:32*	*09/21/22 16:31*	*5*
p-Terphenyl-d14	*70*	*S1-*	*79 - 130*	*09/16/22 08:32*	*09/21/22 16:31*	*5*
Phenol-d5	*65*		*54 - 120*	*09/16/22 08:32*	*09/21/22 16:31*	*5*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10900		12.4	5.5	mg/Kg	☼	09/15/22 11:25	09/16/22 14:16	1
Antimony	4.9	J	18.6	0.50	mg/Kg	☼	09/15/22 11:25	09/16/22 14:16	1
Arsenic	10.3		2.5	0.50	mg/Kg	☼	09/15/22 11:25	09/16/22 14:16	1
Barium	165		0.62	0.14	mg/Kg	☼	09/15/22 11:25	09/16/22 14:16	1
Beryllium	2.0		0.25	0.035	mg/Kg	☼	09/15/22 11:25	09/16/22 14:16	1
Cadmium	1.3		0.25	0.037	mg/Kg	☼	09/15/22 11:25	09/16/22 14:16	1
Calcium	144000	B	124	8.2	mg/Kg	☼	09/15/22 11:25	09/20/22 13:38	2
Chromium	384		1.2	0.50	mg/Kg	☼	09/15/22 11:25	09/20/22 13:38	2
Cobalt	5.3		0.62	0.062	mg/Kg	☼	09/15/22 11:25	09/16/22 14:16	1
Copper	63.1		2.5	0.52	mg/Kg	☼	09/15/22 11:25	09/20/22 13:38	2
Iron	102000		24.8	8.7	mg/Kg	☼	09/15/22 11:25	09/20/22 13:38	2
Lead	114		2.5	0.59	mg/Kg	☼	09/15/22 11:25	09/20/22 13:38	2
Magnesium	19200	B	24.8	1.1	mg/Kg	☼	09/15/22 11:25	09/16/22 14:16	1
Manganese	7190	B	0.50	0.079	mg/Kg	☼	09/15/22 11:25	09/20/22 13:38	2
Nickel	33.6		12.4	0.57	mg/Kg	☼	09/15/22 11:25	09/20/22 13:38	2
Potassium	998		37.2	24.8	mg/Kg	☼	09/15/22 11:25	09/16/22 14:16	1
Selenium	5.9		5.0	0.50	mg/Kg	☼	09/15/22 11:25	09/16/22 14:16	1
Silver	1.2		0.74	0.25	mg/Kg	☼	09/15/22 11:25	09/16/22 14:16	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201621-1

Client Sample ID: DUP-2
Date Collected: 09/14/22 00:00
Date Received: 09/14/22 12:16

Lab Sample ID: 480-201621-4
Matrix: Solid
Percent Solids: 85.1

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	375		174	16.1	mg/Kg	☼	09/15/22 11:25	09/16/22 14:16	1
Thallium	4.2	J	14.9	0.74	mg/Kg	☼	09/15/22 11:25	09/20/22 13:38	2
Vanadium	126		1.2	0.27	mg/Kg	☼	09/15/22 11:25	09/20/22 13:38	2
Zinc	108		2.5	0.79	mg/Kg	☼	09/15/22 11:25	09/16/22 14:16	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11		0.024	0.0055	mg/Kg	☼	09/15/22 10:09	09/15/22 14:10	1

Surrogate Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201621-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(64-126)	(72-126)	(71-125)	(60-140)
480-201621-2	SS-2 (0-2")	104	87	116	101
LCS 480-641451/1-A	Lab Control Sample	103	95	108	100
MB 480-641451/2-A	Method Blank	101	98	106	97

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL
Lab Sample ID	Client Sample ID	(54-120)	(60-120)	(52-120)	(53-120)	(79-130)	(54-120)
480-201621-1	SS-1 (0-2")	89	89	67	77	85	72
480-201621-2	SS-2 (0-2")	79	64	51 S1-	58	67 S1-	58
480-201621-3	SS-3 (0-2")	81	82	64	74	81	69
480-201621-3 MS	SS-3 (0-2") MS	90	84	63	71	84	71
480-201621-3 MSD	SS-3 (0-2") MSD	89	85	62	73	86	70
480-201621-4	DUP-2	72	79	62	72	70 S1-	65
LCS 480-641680/2-A	Lab Control Sample	97	97	77	86	110	78
MB 480-641680/1-A	Method Blank	75	95	78	91	107	84

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPHd14 = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(45-120)	(45-120)	(30-124)	(30-124)
480-201621-2	SS-2 (0-2")	138 S1+	410 S1+	121	110
LCS 480-641955/2-A	Lab Control Sample	101	102	66	67
MB 480-641955/1-A	Method Blank	83	89	59	61

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: LaBella Associates DPC
Job ID: 480-201621-1
Project/Site: 145 Ganson Street

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCBP1	DCBP2
Lab Sample ID	Client Sample ID	(60-154)	(60-154)	(65-174)	(65-174)
480-201621-2	SS-2 (0-2")	119	127	100	98
LCS 480-641633/2-A	Lab Control Sample	125	134	99	96
MB 480-641633/1-A	Method Blank	96	98	80	77

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8151A - Herbicides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCPAA1	DCPAA2
Lab Sample ID	Client Sample ID	(28-129)	(28-129)
480-201621-2	SS-2 (0-2")	78	80
LCS 480-641975/2-A	Lab Control Sample	86	81
MB 480-641975/1-A	Method Blank	87	83

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Isotope Dilution Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201621-1

Method: 537 (Modified) - Fluorinated Alkyl Substances

Matrix: Solid **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M282FTS (15-200)	M262FTS (10-200)	13C5PHA (10-174)	C4PFHA (10-178)	C8PFOA (26-159)	C9PFNA (26-165)	C6PFDA (26-161)	13C7PUA (12-173)
480-201621-2	SS-2 (0-2")	193	228 *5+	115	113	112	156	119	123
480-201621-2 - RE	SS-2 (0-2")	198	216 *5+	88	89	83	124	91	95
480-201621-2 MS	SS-2 (0-2")	156	181	114	111	104	156	114	121
480-201621-2 MS - RE	SS-2 (0-2")	169	167	84	82	80	116	88	89
480-201621-2 MSD	SS-2 (0-2")	176	204 *5+	111	104	100	149	114	114
480-201621-2 MSD - RE	SS-2 (0-2")	173	192	88	89	88	131	95	96
LCS 410-298521/2-B	Lab Control Sample	106	122	114	109	109	129	113	114
LCS 410-304060/2-B	Lab Control Sample	104	113	84	85	90	109	90	99
MB 410-298521/1-B	Method Blank	122	129	124	124	118	136	116	115
MB 410-304060/1-B	Method Blank	98	119	85	90	85	94	83	83

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFDoDA (11-166)	PFTDA (10-169)	C3PFBS (27-179)	C3PFHS (24-171)	C8PFOS (41-154)	d3NMFOS (10-178)	d5NEFOS (10-193)	PFOSA (14-163)
480-201621-2	SS-2 (0-2")	117	119	118	103	129	126	126	63
480-201621-2 - RE	SS-2 (0-2")	89	90	92	84	99	105	109	65
480-201621-2 MS	SS-2 (0-2")	118	120	118	101	125	117	118	53
480-201621-2 MS - RE	SS-2 (0-2")	88	85	87	75	92	102	101	61
480-201621-2 MSD	SS-2 (0-2")	117	116	107	96	122	124	116	65
480-201621-2 MSD - RE	SS-2 (0-2")	91	99	93	84	105	110	106	62
LCS 410-298521/2-B	Lab Control Sample	108	103	116	113	124	70	68	62
LCS 410-304060/2-B	Lab Control Sample	93	90	100	97	110	64	62	50
MB 410-298521/1-B	Method Blank	107	101	115	119	131	71	73	58
MB 410-304060/1-B	Method Blank	77	77	95	101	105	50	52	49

		Percent Isotope Dilution Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	PFBA (28-153)	PFPeA (24-161)
480-201621-2	SS-2 (0-2")	119	129
480-201621-2 - RE	SS-2 (0-2")	93	92
480-201621-2 MS	SS-2 (0-2")	116	125
480-201621-2 MS - RE	SS-2 (0-2")	87	88
480-201621-2 MSD	SS-2 (0-2")	111	118
480-201621-2 MSD - RE	SS-2 (0-2")	92	93
LCS 410-298521/2-B	Lab Control Sample	106	111
LCS 410-304060/2-B	Lab Control Sample	85	86
MB 410-298521/1-B	Method Blank	114	118
MB 410-304060/1-B	Method Blank	83	87

Surrogate Legend

M282FTS = M2-8:2 FTS
M262FTS = M2-6:2 FTS
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFDoDA = 13C2-PFDoDA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS

Isotope Dilution Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201621-1

C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
PFOSA = 13C8 FOSA
PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-641451/2-A
Matrix: Solid
Analysis Batch: 641452

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641451

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
1,2,4-Trimethylbenzene	ND		5.0	0.96	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
1,3,5-Trimethylbenzene	ND		5.0	0.32	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
2-Hexanone	ND		25	2.5	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
4-Isopropyltoluene	ND		5.0	0.40	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Acetone	ND		25	4.2	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Benzene	ND		5.0	0.25	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Bromoform	ND		5.0	2.5	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Bromomethane	ND		5.0	0.45	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Chloroethane	ND		5.0	1.1	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Chloroform	0.465	J	5.0	0.31	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Chloromethane	ND		5.0	0.30	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Cyclohexane	ND		5.0	0.70	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Methyl acetate	ND		25	3.0	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
m,p-Xylene	ND		10	0.84	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Naphthalene	ND		5.0	0.67	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
n-Butylbenzene	ND		5.0	0.44	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
N-Propylbenzene	ND		5.0	0.40	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
o-Xylene	ND		5.0	0.65	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
sec-Butylbenzene	ND		5.0	0.44	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		09/14/22 17:15	09/14/22 20:46	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-641451/2-A
Matrix: Solid
Analysis Batch: 641452

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641451

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		5.0	0.38	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Trichloroethene	ND		5.0	1.1	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Xylenes, Total	ND		10	0.84	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
Styrene	ND		5.0	0.25	ug/Kg		09/14/22 17:15	09/14/22 20:46	1
tert-Butylbenzene	ND		5.0	0.52	ug/Kg		09/14/22 17:15	09/14/22 20:46	1

Tentatively Identified Compound	*Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*09/14/22 17:15*	*09/14/22 20:46*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*	*09/14/22 17:15*	*09/14/22 20:46*	*1*
4-Bromofluorobenzene (Surr)	*98*		*72 - 126*	*09/14/22 17:15*	*09/14/22 20:46*	*1*
Toluene-d8 (Surr)	*106*		*71 - 125*	*09/14/22 17:15*	*09/14/22 20:46*	*1*
Dibromofluoromethane (Surr)	*97*		*60 - 140*	*09/14/22 17:15*	*09/14/22 20:46*	*1*

Lab Sample ID: LCS 480-641451/1-A
Matrix: Solid
Analysis Batch: 641452

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641451

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	45.1		ug/Kg		90	77 - 121
1,1,2,2-Tetrachloroethane	50.0	51.2		ug/Kg		102	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	44.2		ug/Kg		88	60 - 140
1,1,2-Trichloroethane	50.0	49.8		ug/Kg		100	78 - 122
1,1-Dichloroethane	50.0	47.6		ug/Kg		95	73 - 126
1,1-Dichloroethene	50.0	45.6		ug/Kg		91	59 - 125
1,2,4-Trichlorobenzene	50.0	48.7		ug/Kg		97	64 - 120
1,2,4-Trimethylbenzene	50.0	51.5		ug/Kg		103	74 - 120
1,2-Dibromo-3-Chloropropane	50.0	52.0		ug/Kg		104	63 - 124
1,2-Dichlorobenzene	50.0	49.7		ug/Kg		99	75 - 120
1,2-Dichloroethane	50.0	47.0		ug/Kg		94	77 - 122
1,2-Dichloropropane	50.0	48.9		ug/Kg		98	75 - 124
1,3,5-Trimethylbenzene	50.0	51.2		ug/Kg		102	74 - 120
1,3-Dichlorobenzene	50.0	50.4		ug/Kg		101	74 - 120
1,4-Dichlorobenzene	50.0	49.6		ug/Kg		99	73 - 120
2-Butanone (MEK)	250	252		ug/Kg		101	70 - 134
2-Hexanone	250	256		ug/Kg		102	59 - 130
4-Isopropyltoluene	50.0	50.6		ug/Kg		101	74 - 120
4-Methyl-2-pentanone (MIBK)	250	253		ug/Kg		101	65 - 133
Acetone	250	244		ug/Kg		97	61 - 137
Benzene	50.0	47.3		ug/Kg		95	79 - 127
Bromoform	50.0	49.2		ug/Kg		98	68 - 126

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-641451/1-A
Matrix: Solid
Analysis Batch: 641452

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641451

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	50.0	52.1		ug/Kg		104	37 - 149
Carbon disulfide	50.0	45.0		ug/Kg		90	64 - 131
Carbon tetrachloride	50.0	45.4		ug/Kg		91	75 - 135
Chlorobenzene	50.0	48.4		ug/Kg		97	76 - 124
Dibromochloromethane	50.0	50.5		ug/Kg		101	76 - 125
Chloroethane	50.0	52.0		ug/Kg		104	69 - 135
Chloroform	50.0	45.0		ug/Kg		90	80 - 120
Chloromethane	50.0	52.2		ug/Kg		104	63 - 127
cis-1,2-Dichloroethene	50.0	46.5		ug/Kg		93	81 - 120
Cyclohexane	50.0	49.2		ug/Kg		98	65 - 120
Bromodichloromethane	50.0	48.5		ug/Kg		97	80 - 122
Dichlorodifluoromethane	50.0	48.9		ug/Kg		98	57 - 142
Ethylbenzene	50.0	47.6		ug/Kg		95	80 - 120
1,2-Dibromoethane	50.0	47.9		ug/Kg		96	78 - 120
Isopropylbenzene	50.0	52.0		ug/Kg		104	72 - 120
Methyl acetate	100	94.3		ug/Kg		94	55 - 136
Methyl tert-butyl ether	50.0	46.8		ug/Kg		94	63 - 125
Methylcyclohexane	50.0	46.3		ug/Kg		93	60 - 140
Methylene Chloride	50.0	49.2		ug/Kg		98	61 - 127
m,p-Xylene	50.0	47.8		ug/Kg		96	70 - 130
Naphthalene	50.0	49.6		ug/Kg		99	38 - 137
n-Butylbenzene	50.0	50.9		ug/Kg		102	70 - 120
N-Propylbenzene	50.0	51.3		ug/Kg		103	70 - 130
o-Xylene	50.0	46.9		ug/Kg		94	70 - 130
sec-Butylbenzene	50.0	51.4		ug/Kg		103	74 - 120
Tetrachloroethene	50.0	46.8		ug/Kg		94	74 - 122
Toluene	50.0	48.2		ug/Kg		96	74 - 128
trans-1,2-Dichloroethene	50.0	45.5		ug/Kg		91	78 - 126
trans-1,3-Dichloropropene	50.0	50.0		ug/Kg		100	73 - 123
Trichloroethene	50.0	46.5		ug/Kg		93	77 - 129
Trichlorofluoromethane	50.0	48.9		ug/Kg		98	65 - 146
Vinyl chloride	50.0	50.9		ug/Kg		102	61 - 133
cis-1,3-Dichloropropene	50.0	49.0		ug/Kg		98	80 - 120
Styrene	50.0	47.4		ug/Kg		95	80 - 120
tert-Butylbenzene	50.0	52.2		ug/Kg		104	73 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*64 - 126*
4-Bromofluorobenzene (Surr)	*95*		*72 - 126*
Toluene-d8 (Surr)	*108*		*71 - 125*
Dibromofluoromethane (Surr)	*100*		*60 - 140*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-641680/1-A
Matrix: Solid
Analysis Batch: 642144

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641680

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		170	25	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
bis (2-chloroisopropyl) ether	ND		170	34	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
2,4,5-Trichlorophenol	ND		170	46	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
2,4,6-Trichlorophenol	ND		170	34	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
2,4-Dichlorophenol	ND		170	18	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
2,4-Dimethylphenol	ND		170	41	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
2,4-Dinitrophenol	ND		1600	780	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
2,4-Dinitrotoluene	ND		170	35	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
2,6-Dinitrotoluene	ND		170	20	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
2-Chloronaphthalene	ND		170	28	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
1,4-Dioxane	ND		99	54	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
2-Chlorophenol	ND		330	31	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
2-Methylnaphthalene	ND		170	34	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
2-Methylphenol	ND		170	20	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
2-Nitroaniline	ND		330	25	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
2-Nitrophenol	ND		170	47	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
3,3'-Dichlorobenzidine	ND		330	200	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
3-Nitroaniline	ND		330	47	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
4,6-Dinitro-2-methylphenol	ND		330	170	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
4-Bromophenyl phenyl ether	ND		170	24	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
4-Chloro-3-methylphenol	ND		170	42	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
4-Chloroaniline	ND		170	42	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
4-Chlorophenyl phenyl ether	ND		170	21	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
4-Methylphenol	ND		330	20	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
4-Nitroaniline	ND		330	88	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
4-Nitrophenol	ND		330	120	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Acenaphthene	ND		170	25	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Acenaphthylene	ND		170	22	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Acetophenone	ND		170	23	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Anthracene	ND		170	42	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Atrazine	ND		170	58	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Benzaldehyde	ND		170	130	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Benzo[a]anthracene	ND		170	17	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Benzo[a]pyrene	ND		170	25	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Benzo[b]fluoranthene	ND		170	27	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Benzo[g,h,i]perylene	ND		170	18	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Benzo[k]fluoranthene	ND		170	22	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Bis(2-chloroethoxy)methane	ND		170	36	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Bis(2-chloroethyl)ether	ND		170	22	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Bis(2-ethylhexyl) phthalate	ND		170	57	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Butyl benzyl phthalate	ND		170	28	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Caprolactam	ND		170	50	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Carbazole	ND		170	20	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Chrysene	ND		170	38	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Di-n-butyl phthalate	ND		170	29	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Di-n-octyl phthalate	ND		170	20	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Dibenz(a,h)anthracene	ND		170	30	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Dibenzofuran	ND		170	20	ug/Kg		09/16/22 08:32	09/21/22 11:38	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-641680/1-A
Matrix: Solid
Analysis Batch: 642144

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641680

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	208		170	22	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Dimethyl phthalate	ND		170	20	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Fluoranthene	ND		170	18	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Fluorene	ND		170	20	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Hexachlorobenzene	ND		170	23	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Hexachlorobutadiene	ND		170	25	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Hexachlorocyclopentadiene	ND		170	23	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Hexachloroethane	ND		170	22	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Indeno[1,2,3-cd]pyrene	ND		170	21	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Isophorone	ND		170	36	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
N-Nitrosodi-n-propylamine	ND		170	29	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
N-Nitrosodiphenylamine	ND		170	140	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Naphthalene	ND		170	22	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Nitrobenzene	ND		170	19	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Pentachlorophenol	ND		330	170	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Phenanthrene	ND		170	25	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Phenol	ND		170	26	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Pyrene	ND		170	20	ug/Kg		09/16/22 08:32	09/21/22 11:38	1

Tentatively Identified Compound	*Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*3380*	*T J*	*ug/Kg*		*1.75*		*09/16/22 08:32*	*09/21/22 11:38*	*1*
Unknown	*914*	*T J*	*ug/Kg*		*2.95*		*09/16/22 08:32*	*09/21/22 11:38*	*1*

Surrogate	*%Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*75*		*54 - 120*	*09/16/22 08:32*	*09/21/22 11:38*	*1*
2-Fluorobiphenyl	*95*		*60 - 120*	*09/16/22 08:32*	*09/21/22 11:38*	*1*
2-Fluorophenol	*78*		*52 - 120*	*09/16/22 08:32*	*09/21/22 11:38*	*1*
Nitrobenzene-d5	*91*		*53 - 120*	*09/16/22 08:32*	*09/21/22 11:38*	*1*
p-Terphenyl-d14	*107*		*79 - 130*	*09/16/22 08:32*	*09/21/22 11:38*	*1*
Phenol-d5	*84*		*54 - 120*	*09/16/22 08:32*	*09/21/22 11:38*	*1*

Lab Sample ID: LCS 480-641680/2-A
Matrix: Solid
Analysis Batch: 642144

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641680

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	1650	1560		ug/Kg		95	59 - 120
bis (2-chloroisopropyl) ether	1650	1220		ug/Kg		74	44 - 120
2,4,5-Trichlorophenol	1650	1580		ug/Kg		96	59 - 126
2,4,6-Trichlorophenol	1650	1640		ug/Kg		100	59 - 123
2,4-Dichlorophenol	1650	1390		ug/Kg		84	61 - 120
2,4-Dimethylphenol	1650	1380		ug/Kg		84	59 - 120
2,4-Dinitrophenol	3300	3130		ug/Kg		95	41 - 146
2,4-Dinitrotoluene	1650	1480		ug/Kg		90	63 - 120
2,6-Dinitrotoluene	1650	1590		ug/Kg		96	66 - 120
2-Chloronaphthalene	1650	1580		ug/Kg		96	57 - 120
1,4-Dioxane	1650	908		ug/Kg		55	23 - 120
2-Chlorophenol	1650	1270		ug/Kg		77	53 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-641680/2-A
Matrix: Solid
Analysis Batch: 642144

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641680

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methylnaphthalene	1650	1270		ug/Kg		77	59 - 120
2-Methylphenol	1650	1250		ug/Kg		76	54 - 120
2-Nitroaniline	1650	1520		ug/Kg		92	61 - 120
2-Nitrophenol	1650	1500		ug/Kg		91	56 - 120
3,3'-Dichlorobenzidine	3300	2630		ug/Kg		80	54 - 120
3-Nitroaniline	1650	1240		ug/Kg		75	48 - 120
4,6-Dinitro-2-methylphenol	3300	3520		ug/Kg		107	49 - 122
4-Bromophenyl phenyl ether	1650	1620		ug/Kg		98	58 - 120
4-Chloro-3-methylphenol	1650	1290		ug/Kg		78	61 - 120
4-Chloroaniline	1650	1130		ug/Kg		69	38 - 120
4-Chlorophenyl phenyl ether	1650	1460		ug/Kg		88	63 - 124
4-Methylphenol	1650	1280		ug/Kg		77	55 - 120
4-Nitroaniline	1650	1340		ug/Kg		81	56 - 120
4-Nitrophenol	3300	2640		ug/Kg		80	43 - 147
Acenaphthene	1650	1530		ug/Kg		93	62 - 120
Acenaphthylene	1650	1580		ug/Kg		96	58 - 121
Acetophenone	1650	1270		ug/Kg		77	54 - 120
Anthracene	1650	1540		ug/Kg		94	62 - 120
Atrazine	3300	2660		ug/Kg		81	60 - 127
Benzaldehyde	3300	2710		ug/Kg		82	10 - 150
Benzo[a]anthracene	1650	1480		ug/Kg		90	65 - 120
Benzo[a]pyrene	1650	1570		ug/Kg		95	64 - 120
Benzo[b]fluoranthene	1650	1600		ug/Kg		97	64 - 120
Benzo[g,h,i]perylene	1650	1510		ug/Kg		92	45 - 145
Benzo[k]fluoranthene	1650	1630		ug/Kg		99	65 - 120
Bis(2-chloroethoxy)methane	1650	1370		ug/Kg		83	55 - 120
Bis(2-chloroethyl)ether	1650	1300		ug/Kg		79	45 - 120
Bis(2-ethylhexyl) phthalate	1650	1470		ug/Kg		89	61 - 133
Butyl benzyl phthalate	1650	1580		ug/Kg		96	61 - 129
Caprolactam	3300	2400		ug/Kg		73	47 - 120
Carbazole	1650	1550		ug/Kg		94	65 - 120
Chrysene	1650	1570		ug/Kg		95	64 - 120
Di-n-butyl phthalate	1650	1480		ug/Kg		90	58 - 130
Di-n-octyl phthalate	1650	1390		ug/Kg		84	57 - 133
Dibenz(a,h)anthracene	1650	1520		ug/Kg		92	54 - 132
Dibenzofuran	1650	1500		ug/Kg		91	63 - 120
Diethyl phthalate	1650	1370		ug/Kg		83	66 - 120
Dimethyl phthalate	1650	1450		ug/Kg		88	65 - 124
Fluoranthene	1650	1470		ug/Kg		89	62 - 120
Fluorene	1650	1470		ug/Kg		89	63 - 120
Hexachlorobenzene	1650	1610		ug/Kg		98	60 - 120
Hexachlorobutadiene	1650	1360		ug/Kg		83	45 - 120
Hexachlorocyclopentadiene	1650	1560		ug/Kg		94	47 - 120
Hexachloroethane	1650	1200		ug/Kg		73	41 - 120
Indeno[1,2,3-cd]pyrene	1650	1540		ug/Kg		93	56 - 134
Isophorone	1650	1360		ug/Kg		82	56 - 120
N-Nitrosodi-n-propylamine	1650	1280		ug/Kg		77	52 - 120
Naphthalene	1650	1350		ug/Kg		82	55 - 120
Nitrobenzene	1650	1400		ug/Kg		85	54 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-641680/2-A
Matrix: Solid
Analysis Batch: 642144

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641680

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Pentachlorophenol	3300	2650		ug/Kg		80	51 - 120
Phenanthrene	1650	1550		ug/Kg		94	60 - 120
Phenol	1650	1280		ug/Kg		78	53 - 120
Pyrene	1650	1840		ug/Kg		112	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*97*		*54 - 120*
2-Fluorobiphenyl	*97*		*60 - 120*
2-Fluorophenol	*77*		*52 - 120*
Nitrobenzene-d5	*86*		*53 - 120*
p-Terphenyl-d14	*110*		*79 - 130*
Phenol-d5	*78*		*54 - 120*

Lab Sample ID: 480-201621-3 MS
Matrix: Solid
Analysis Batch: 642144

Client Sample ID: SS-3 (0-2") MS
Prep Type: Total/NA
Prep Batch: 641680

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	ND		1770	1480		ug/Kg	☼	84	58 - 120
bis (2-chloroisopropyl) ether	ND		1770	1160		ug/Kg	☼	66	31 - 120
2,4,5-Trichlorophenol	ND		1770	1610		ug/Kg	☼	91	46 - 120
2,4,6-Trichlorophenol	ND		1770	1420		ug/Kg	☼	81	41 - 123
2,4-Dichlorophenol	ND		1770	1350		ug/Kg	☼	77	45 - 120
2,4-Dimethylphenol	ND		1770	1300		ug/Kg	☼	74	52 - 120
2,4-Dinitrophenol	ND		3530	ND		ug/Kg	☼	NC	41 - 146
2,4-Dinitrotoluene	ND		1770	1710		ug/Kg	☼	97	63 - 125
2,6-Dinitrotoluene	ND		1770	1610		ug/Kg	☼	91	66 - 120
2-Chloronaphthalene	ND		1770	1510		ug/Kg	☼	86	57 - 120
1,4-Dioxane	ND		1770	606		ug/Kg	☼	34	13 - 120
2-Chlorophenol	ND		1770	1230	J	ug/Kg	☼	70	43 - 120
2-Methylnaphthalene	ND		1770	1410		ug/Kg	☼	80	55 - 120
2-Methylphenol	ND		1770	1290		ug/Kg	☼	73	48 - 120
2-Nitroaniline	ND		1770	1450	J	ug/Kg	☼	82	61 - 120
2-Nitrophenol	ND		1770	1370		ug/Kg	☼	78	37 - 120
3,3'-Dichlorobenzidine	ND		3530	2950		ug/Kg	☼	83	37 - 126
3-Nitroaniline	ND		1770	1580	J	ug/Kg	☼	89	48 - 120
4,6-Dinitro-2-methylphenol	ND		3530	3660		ug/Kg	☼	104	23 - 149
4-Bromophenyl phenyl ether	ND		1770	1490		ug/Kg	☼	85	58 - 120
4-Chloro-3-methylphenol	ND		1770	1360		ug/Kg	☼	77	49 - 125
4-Chloroaniline	ND		1770	1190		ug/Kg	☼	67	38 - 120
4-Chlorophenyl phenyl ether	ND		1770	1510		ug/Kg	☼	85	63 - 124
4-Methylphenol	ND		1770	1270	J	ug/Kg	☼	72	50 - 120
4-Nitroaniline	ND		1770	1460	J	ug/Kg	☼	83	47 - 120
4-Nitrophenol	ND		3530	3020		ug/Kg	☼	85	31 - 147
Acenaphthene	ND		1770	1560		ug/Kg	☼	88	60 - 120
Acenaphthylene	ND		1770	1520		ug/Kg	☼	86	58 - 121
Acetophenone	ND		1770	1180		ug/Kg	☼	67	47 - 120
Anthracene	ND		1770	1640		ug/Kg	☼	93	62 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-201621-3 MS
Matrix: Solid
Analysis Batch: 642144

Client Sample ID: SS-3 (0-2") MS
Prep Type: Total/NA
Prep Batch: 641680

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Atrazine	ND		3530	2930		ug/Kg	☼	83	60 - 150
Benzaldehyde	ND		3530	2360		ug/Kg	☼	67	10 - 150
Benzo[a]anthracene	1000	F1	1770	2230		ug/Kg	☼	70	65 - 120
Benzo[a]pyrene	1500	F2 F1	1770	3890	F1	ug/Kg	☼	137	64 - 120
Benzo[b]fluoranthene	1800	F2	1770	3730		ug/Kg	☼	106	10 - 150
Benzo[g,h,i]perylene	1600	F2 F1	1770	4770	F1	ug/Kg	☼	180	45 - 145
Benzo[k]fluoranthene	940		1770	2550		ug/Kg	☼	91	23 - 150
Bis(2-chloroethoxy)methane	ND		1770	1260		ug/Kg	☼	71	52 - 120
Bis(2-chloroethyl)ether	ND		1770	1200		ug/Kg	☼	68	45 - 120
Bis(2-ethylhexyl) phthalate	ND		1770	1380		ug/Kg	☼	78	61 - 133
Butyl benzyl phthalate	ND		1770	1370		ug/Kg	☼	78	61 - 120
Caprolactam	ND		3530	2600		ug/Kg	☼	74	37 - 133
Carbazole	ND		1770	1680		ug/Kg	☼	95	59 - 120
Chrysene	1300	F1	1770	2680		ug/Kg	☼	80	64 - 120
Di-n-butyl phthalate	ND		1770	1400		ug/Kg	☼	79	58 - 130
Di-n-octyl phthalate	ND		1770	1360		ug/Kg	☼	77	57 - 133
Dibenz(a,h)anthracene	420	J F2	1770	2510		ug/Kg	☼	118	54 - 132
Dibenzofuran	ND		1770	1560		ug/Kg	☼	89	62 - 120
Diethyl phthalate	120	J B	1770	1650		ug/Kg	☼	87	66 - 120
Dimethyl phthalate	ND		1770	1480		ug/Kg	☼	84	65 - 124
Fluoranthene	1900	F1	1770	2890	F1	ug/Kg	☼	54	62 - 120
Fluorene	ND		1770	1540		ug/Kg	☼	87	63 - 120
Hexachlorobenzene	ND		1770	1530		ug/Kg	☼	87	60 - 120
Hexachlorobutadiene	ND		1770	1270		ug/Kg	☼	72	45 - 120
Hexachlorocyclopentadiene	ND		1770	1180		ug/Kg	☼	67	31 - 120
Hexachloroethane	ND		1770	1060		ug/Kg	☼	60	21 - 120
Indeno[1,2,3-cd]pyrene	1400	F2 F1	1770	4200	F1	ug/Kg	☼	158	56 - 134
Isophorone	ND		1770	1270		ug/Kg	☼	72	56 - 120
N-Nitrosodi-n-propylamine	ND		1770	1170		ug/Kg	☼	66	46 - 120
Naphthalene	ND		1770	1360		ug/Kg	☼	77	46 - 120
Nitrobenzene	ND		1770	1220		ug/Kg	☼	69	49 - 120
Pentachlorophenol	ND		3530	3410		ug/Kg	☼	96	25 - 136
Phenanthrene	700	J	1770	2020		ug/Kg	☼	75	60 - 122
Phenol	ND		1770	1270		ug/Kg	☼	72	50 - 120
Pyrene	1600	F1	1770	2740		ug/Kg	☼	64	61 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*90*		*54 - 120*
2-Fluorobiphenyl	*84*		*60 - 120*
2-Fluorophenol	*63*		*52 - 120*
Nitrobenzene-d5	*71*		*53 - 120*
p-Terphenyl-d14	*84*		*79 - 130*
Phenol-d5	*71*		*54 - 120*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-201621-3 MSD
Matrix: Solid
Analysis Batch: 642144

Client Sample ID: SS-3 (0-2") MSD
Prep Type: Total/NA
Prep Batch: 641680

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Biphenyl	ND		1770	1540		ug/Kg	☼	87	58 - 120	4	20
bis (2-chloroisopropyl) ether	ND		1770	1210		ug/Kg	☼	68	31 - 120	4	24
2,4,5-Trichlorophenol	ND		1770	1510		ug/Kg	☼	85	46 - 120	7	18
2,4,6-Trichlorophenol	ND		1770	1540		ug/Kg	☼	87	41 - 123	8	19
2,4-Dichlorophenol	ND		1770	1430		ug/Kg	☼	81	45 - 120	6	19
2,4-Dimethylphenol	ND		1770	1360		ug/Kg	☼	77	52 - 120	4	42
2,4-Dinitrophenol	ND		3540	ND		ug/Kg	☼	NC	41 - 146	NC	22
2,4-Dinitrotoluene	ND		1770	1700		ug/Kg	☼	96	63 - 125	1	20
2,6-Dinitrotoluene	ND		1770	1600		ug/Kg	☼	90	66 - 120	1	15
2-Chloronaphthalene	ND		1770	1560		ug/Kg	☼	88	57 - 120	3	21
1,4-Dioxane	ND		1770	725		ug/Kg	☼	41	13 - 120	18	50
2-Chlorophenol	ND		1770	1260	J	ug/Kg	☼	72	43 - 120	3	25
2-Methylnaphthalene	ND		1770	1500		ug/Kg	☼	85	55 - 120	6	21
2-Methylphenol	ND		1770	1320		ug/Kg	☼	74	48 - 120	2	27
2-Nitroaniline	ND		1770	1520	J	ug/Kg	☼	86	61 - 120	4	15
2-Nitrophenol	ND		1770	1420		ug/Kg	☼	81	37 - 120	4	18
3,3'-Dichlorobenzidine	ND		3540	2820		ug/Kg	☼	80	37 - 126	5	25
3-Nitroaniline	ND		1770	1500	J	ug/Kg	☼	85	48 - 120	5	19
4,6-Dinitro-2-methylphenol	ND		3540	3540		ug/Kg	☼	100	23 - 149	3	15
4-Bromophenyl phenyl ether	ND		1770	1560		ug/Kg	☼	88	58 - 120	4	15
4-Chloro-3-methylphenol	ND		1770	1410		ug/Kg	☼	80	49 - 125	4	27
4-Chloroaniline	ND		1770	1210		ug/Kg	☼	69	38 - 120	2	22
4-Chlorophenyl phenyl ether	ND		1770	1520		ug/Kg	☼	86	63 - 124	1	16
4-Methylphenol	ND		1770	1290	J	ug/Kg	☼	73	50 - 120	2	24
4-Nitroaniline	ND		1770	1570	J	ug/Kg	☼	89	47 - 120	7	24
4-Nitrophenol	ND		3540	2970		ug/Kg	☼	84	31 - 147	1	25
Acenaphthene	ND		1770	1580		ug/Kg	☼	89	60 - 120	1	35
Acenaphthylene	ND		1770	1590		ug/Kg	☼	90	58 - 121	4	18
Acetophenone	ND		1770	1270		ug/Kg	☼	72	47 - 120	7	20
Anthracene	ND		1770	1610		ug/Kg	☼	91	62 - 120	2	15
Atrazine	ND		3540	2820		ug/Kg	☼	80	60 - 150	4	20
Benzaldehyde	ND		3540	2720		ug/Kg	☼	77	10 - 150	14	20
Benzo[a]anthracene	1000	F1	1770	2130	F1	ug/Kg	☼	64	65 - 120	5	15
Benzo[a]pyrene	1500	F2 F1	1770	2680	F2	ug/Kg	☼	69	64 - 120	37	15
Benzo[b]fluoranthene	1800	F2	1770	2960	F2	ug/Kg	☼	63	10 - 150	23	15
Benzo[g,h,i]perylene	1600	F2 F1	1770	3040	F2	ug/Kg	☼	82	45 - 145	44	15
Benzo[k]fluoranthene	940		1770	2200		ug/Kg	☼	71	23 - 150	15	22
Bis(2-chloroethoxy)methane	ND		1770	1310		ug/Kg	☼	74	52 - 120	4	17
Bis(2-chloroethyl)ether	ND		1770	1240		ug/Kg	☼	70	45 - 120	3	21
Bis(2-ethylhexyl) phthalate	ND		1770	1360		ug/Kg	☼	77	61 - 133	1	15
Butyl benzyl phthalate	ND		1770	1440		ug/Kg	☼	81	61 - 120	5	16
Caprolactam	ND		3540	2710		ug/Kg	☼	77	37 - 133	4	20
Carbazole	ND		1770	1620		ug/Kg	☼	92	59 - 120	4	20
Chrysene	1300	F1	1770	2350	F1	ug/Kg	☼	61	64 - 120	13	15
Di-n-butyl phthalate	ND		1770	1460		ug/Kg	☼	82	58 - 130	4	15
Di-n-octyl phthalate	ND		1770	1390		ug/Kg	☼	78	57 - 133	2	16
Dibenz(a,h)anthracene	420	J F2	1770	1890	F2	ug/Kg	☼	83	54 - 132	28	15
Dibenzofuran	ND		1770	1570		ug/Kg	☼	89	62 - 120	0	15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-201621-3 MSD
Matrix: Solid
Analysis Batch: 642144

Client Sample ID: SS-3 (0-2") MSD
Prep Type: Total/NA
Prep Batch: 641680

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diethyl phthalate	120	J B	1770	1560		ug/Kg	☼	81	66 - 120	6	15
Dimethyl phthalate	ND		1770	1470		ug/Kg	☼	83	65 - 124	0	15
Fluoranthene	1900	F1	1770	2760	F1	ug/Kg	☼	47	62 - 120	4	15
Fluorene	ND		1770	1550		ug/Kg	☼	88	63 - 120	1	15
Hexachlorobenzene	ND		1770	1560		ug/Kg	☼	88	60 - 120	2	15
Hexachlorobutadiene	ND		1770	1320		ug/Kg	☼	75	45 - 120	4	44
Hexachlorocyclopentadiene	ND		1770	1240		ug/Kg	☼	70	31 - 120	5	49
Hexachloroethane	ND		1770	1160		ug/Kg	☼	66	21 - 120	10	46
Indeno[1,2,3-cd]pyrene	1400	F2 F1	1770	2800	F2	ug/Kg	☼	78	56 - 134	40	15
Isophorone	ND		1770	1340		ug/Kg	☼	76	56 - 120	5	17
N-Nitrosodi-n-propylamine	ND		1770	1270		ug/Kg	☼	72	46 - 120	8	31
Naphthalene	ND		1770	1420		ug/Kg	☼	80	46 - 120	5	29
Nitrobenzene	ND		1770	1260		ug/Kg	☼	71	49 - 120	3	24
Pentachlorophenol	ND		3540	3330		ug/Kg	☼	94	25 - 136	2	35
Phenanthrene	700	J	1770	2010		ug/Kg	☼	74	60 - 122	1	15
Phenol	ND		1770	1280		ug/Kg	☼	73	50 - 120	1	35
Pyrene	1600	F1	1770	2550	F1	ug/Kg	☼	53	61 - 133	7	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*89*		*54 - 120*
2-Fluorobiphenyl	*85*		*60 - 120*
2-Fluorophenol	*62*		*52 - 120*
Nitrobenzene-d5	*73*		*53 - 120*
p-Terphenyl-d14	*86*		*79 - 130*
Phenol-d5	*70*		*54 - 120*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-641955/1-A
Matrix: Solid
Analysis Batch: 641970

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641955

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		1.6	0.32	ug/Kg		09/19/22 16:13	09/20/22 08:43	1
4,4'-DDE	ND		1.6	0.34	ug/Kg		09/19/22 16:13	09/20/22 08:43	1
4,4'-DDT	1.34	J	1.6	0.38	ug/Kg		09/19/22 16:13	09/20/22 08:43	1
Aldrin	ND		1.6	0.40	ug/Kg		09/19/22 16:13	09/20/22 08:43	1
alpha-BHC	ND		1.6	0.29	ug/Kg		09/19/22 16:13	09/20/22 08:43	1
cis-Chlordane	ND		1.6	0.82	ug/Kg		09/19/22 16:13	09/20/22 08:43	1
beta-BHC	ND		1.6	0.29	ug/Kg		09/19/22 16:13	09/20/22 08:43	1
delta-BHC	ND		1.6	0.30	ug/Kg		09/19/22 16:13	09/20/22 08:43	1
Dieldrin	ND		1.6	0.39	ug/Kg		09/19/22 16:13	09/20/22 08:43	1
Endosulfan I	ND		1.6	0.31	ug/Kg		09/19/22 16:13	09/20/22 08:43	1
Endosulfan II	ND		1.6	0.29	ug/Kg		09/19/22 16:13	09/20/22 08:43	1
Endosulfan sulfate	ND		1.6	0.31	ug/Kg		09/19/22 16:13	09/20/22 08:43	1
Endrin	ND		1.6	0.32	ug/Kg		09/19/22 16:13	09/20/22 08:43	1
Endrin aldehyde	ND		1.6	0.42	ug/Kg		09/19/22 16:13	09/20/22 08:43	1
Endrin ketone	ND		1.6	0.40	ug/Kg		09/19/22 16:13	09/20/22 08:43	1
gamma-BHC (Lindane)	ND		1.6	0.30	ug/Kg		09/19/22 16:13	09/20/22 08:43	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 480-641955/1-A
Matrix: Solid
Analysis Batch: 641970

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641955

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-Chlordane	ND		1.6	0.52	ug/Kg		09/19/22 16:13	09/20/22 08:43	1
Heptachlor	ND		1.6	0.35	ug/Kg		09/19/22 16:13	09/20/22 08:43	1
Heptachlor epoxide	ND		1.6	0.42	ug/Kg		09/19/22 16:13	09/20/22 08:43	1
Methoxychlor	ND		1.6	0.33	ug/Kg		09/19/22 16:13	09/20/22 08:43	1
Toxaphene	ND		16	9.5	ug/Kg		09/19/22 16:13	09/20/22 08:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*83*		*45 - 120*	*09/19/22 16:13*	*09/20/22 08:43*	*1*
DCB Decachlorobiphenyl	*89*		*45 - 120*	*09/19/22 16:13*	*09/20/22 08:43*	*1*
Tetrachloro-m-xylene	*59*		*30 - 124*	*09/19/22 16:13*	*09/20/22 08:43*	*1*
Tetrachloro-m-xylene	*61*		*30 - 124*	*09/19/22 16:13*	*09/20/22 08:43*	*1*

Lab Sample ID: LCS 480-641955/2-A
Matrix: Solid
Analysis Batch: 641970

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641955

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	16.3	14.4		ug/Kg		88	56 - 120
4,4'-DDE	16.3	13.4		ug/Kg		82	44 - 120
4,4'-DDT	16.3	16.7		ug/Kg		103	38 - 120
Aldrin	16.3	12.3		ug/Kg		75	38 - 120
alpha-BHC	16.3	11.5		ug/Kg		71	39 - 120
cis-Chlordane	16.3	13.2		ug/Kg		81	47 - 120
beta-BHC	16.3	14.8		ug/Kg		91	40 - 120
delta-BHC	16.3	12.7		ug/Kg		78	45 - 120
Dieldrin	16.3	13.8		ug/Kg		85	58 - 120
Endosulfan I	16.3	13.5		ug/Kg		83	49 - 120
Endosulfan II	16.3	13.1		ug/Kg		81	55 - 120
Endosulfan sulfate	16.3	13.1		ug/Kg		81	49 - 124
Endrin	16.3	14.2		ug/Kg		87	58 - 120
Endrin aldehyde	16.3	10.8		ug/Kg		66	37 - 121
Endrin ketone	16.3	15.7		ug/Kg		97	46 - 123
gamma-BHC (Lindane)	16.3	14.1		ug/Kg		87	50 - 120
trans-Chlordane	16.3	13.4		ug/Kg		83	48 - 120
Heptachlor	16.3	14.2		ug/Kg		87	50 - 120
Heptachlor epoxide	16.3	13.7		ug/Kg		84	50 - 120
Methoxychlor	16.3	17.8		ug/Kg		109	58 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*101*		*45 - 120*
DCB Decachlorobiphenyl	*102*		*45 - 120*
Tetrachloro-m-xylene	*66*		*30 - 124*
Tetrachloro-m-xylene	*67*		*30 - 124*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-641633/1-A
Matrix: Solid
Analysis Batch: 641709

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641633

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.19	0.038	mg/Kg		09/15/22 15:50	09/16/22 15:09	1
PCB-1221	ND		0.19	0.038	mg/Kg		09/15/22 15:50	09/16/22 15:09	1
PCB-1232	ND		0.19	0.038	mg/Kg		09/15/22 15:50	09/16/22 15:09	1
PCB-1242	ND		0.19	0.038	mg/Kg		09/15/22 15:50	09/16/22 15:09	1
PCB-1248	ND		0.19	0.038	mg/Kg		09/15/22 15:50	09/16/22 15:09	1
PCB-1254	ND		0.19	0.091	mg/Kg		09/15/22 15:50	09/16/22 15:09	1
PCB-1260	ND		0.19	0.091	mg/Kg		09/15/22 15:50	09/16/22 15:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*98*		*60 - 154*	*09/15/22 15:50*	*09/16/22 15:09*	*1*
Tetrachloro-m-xylene	*96*		*60 - 154*	*09/15/22 15:50*	*09/16/22 15:09*	*1*
DCB Decachlorobiphenyl	*77*		*65 - 174*	*09/15/22 15:50*	*09/16/22 15:09*	*1*
DCB Decachlorobiphenyl	*80*		*65 - 174*	*09/15/22 15:50*	*09/16/22 15:09*	*1*

Lab Sample ID: LCS 480-641633/2-A
Matrix: Solid
Analysis Batch: 641709

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641633

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			2.04	2.27		mg/Kg		111	51 - 185		
PCB-1260			2.04	2.02		mg/Kg		99	61 - 184		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*134*		*60 - 154*
Tetrachloro-m-xylene	*125*		*60 - 154*
DCB Decachlorobiphenyl	*96*		*65 - 174*
DCB Decachlorobiphenyl	*99*		*65 - 174*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 480-641975/1-A
Matrix: Solid
Analysis Batch: 642397

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641975

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		17	5.3	ug/Kg		09/20/22 07:01	09/22/22 13:34	1
Silvex (2,4,5-TP)	ND		17	5.9	ug/Kg		09/20/22 07:01	09/22/22 13:34	1
2,4-D	ND		17	10	ug/Kg		09/20/22 07:01	09/22/22 13:34	1
Dichlorprop	ND		17	8.2	ug/Kg		09/20/22 07:01	09/22/22 13:34	1
Pentachlorophenol	ND		17	5.4	ug/Kg		09/20/22 07:01	09/22/22 13:34	1
Picloram	ND		17	7.1	ug/Kg		09/20/22 07:01	09/22/22 13:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*87*		*28 - 129*	*09/20/22 07:01*	*09/22/22 13:34*	*1*
2,4-Dichlorophenylacetic acid	*83*		*28 - 129*	*09/20/22 07:01*	*09/22/22 13:34*	*1*

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCS 480-641975/2-A
Matrix: Solid
Analysis Batch: 642397

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641975

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	65.4	49.2		ug/Kg		75	41 - 120
Silvex (2,4,5-TP)	65.4	49.3		ug/Kg		75	39 - 125
2,4-D	65.4	52.6		ug/Kg		80	40 - 120
Dichlorprop	65.4	56.9		ug/Kg		87	34 - 121
Pentachlorophenol	65.4	16.1		ug/Kg		25	10 - 120
Picloram	65.4	42.2		ug/Kg		64	22 - 149

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*86*		*28 - 129*
2,4-Dichlorophenylacetic acid	*81*		*28 - 129*

Method: 537 (Modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 410-298521/1-B
Matrix: Solid
Analysis Batch: 303034

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 298521

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	0.0315	J	0.20	0.019	ng/g		09/21/22 16:45	10/04/22 19:25	1
Perfluoroheptanoic acid	ND		0.20	0.024	ng/g		09/21/22 16:45	10/04/22 19:25	1
Perfluorooctanoic acid	0.0346	J	0.20	0.022	ng/g		09/21/22 16:45	10/04/22 19:25	1
Perfluorononanoic acid	ND		0.20	0.023	ng/g		09/21/22 16:45	10/04/22 19:25	1
Perfluorodecanoic acid	0.0720	J	0.20	0.024	ng/g		09/21/22 16:45	10/04/22 19:25	1
Perfluorotridecanoic acid	ND		0.20	0.021	ng/g		09/21/22 16:45	10/04/22 19:25	1
Perfluorotetradecanoic acid	ND		0.20	0.024	ng/g		09/21/22 16:45	10/04/22 19:25	1
Perfluorobutanesulfonic acid	ND		0.40	0.36	ng/g		09/21/22 16:45	10/04/22 19:25	1
Perfluorohexanesulfonic acid	ND		0.20	0.019	ng/g		09/21/22 16:45	10/04/22 19:25	1
Perfluorooctanesulfonic acid	ND		0.20	0.035	ng/g		09/21/22 16:45	10/04/22 19:25	1
NEtFOSAA	ND		0.20	0.022	ng/g		09/21/22 16:45	10/04/22 19:25	1
NMeFOSAA	ND		0.20	0.031	ng/g		09/21/22 16:45	10/04/22 19:25	1
Perfluoroheptanesulfonic acid	ND		0.20	0.020	ng/g		09/21/22 16:45	10/04/22 19:25	1
Perfluorodecanesulfonic acid	ND		0.20	0.021	ng/g		09/21/22 16:45	10/04/22 19:25	1
Perfluorooctanesulfonamide	ND		0.20	0.021	ng/g		09/21/22 16:45	10/04/22 19:25	1
Perfluorobutanoic acid	ND		0.20	0.024	ng/g		09/21/22 16:45	10/04/22 19:25	1
Perfluoroundecanoic acid	ND		0.20	0.056	ng/g		09/21/22 16:45	10/04/22 19:25	1
Perfluorododecanoic acid	ND		0.20	0.023	ng/g		09/21/22 16:45	10/04/22 19:25	1
6:2 Fluorotelomer sulfonic acid	ND		0.20	0.049	ng/g		09/21/22 16:45	10/04/22 19:25	1
8:2 Fluorotelomer sulfonic acid	ND		0.20	0.017	ng/g		09/21/22 16:45	10/04/22 19:25	1
Perfluoropentanoic acid	ND		0.20	0.024	ng/g		09/21/22 16:45	10/04/22 19:25	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-8:2 FTS	*122*		*15 - 200*	*09/21/22 16:45*	*10/04/22 19:25*	*1*
M2-6:2 FTS	*129*		*10 - 200*	*09/21/22 16:45*	*10/04/22 19:25*	*1*
13C5 PFHxA	*124*		*10 - 174*	*09/21/22 16:45*	*10/04/22 19:25*	*1*
13C4 PFHpA	*124*		*10 - 178*	*09/21/22 16:45*	*10/04/22 19:25*	*1*
13C8 PFOA	*118*		*26 - 159*	*09/21/22 16:45*	*10/04/22 19:25*	*1*
13C9 PFNA	*136*		*26 - 165*	*09/21/22 16:45*	*10/04/22 19:25*	*1*
13C6 PFDA	*116*		*26 - 161*	*09/21/22 16:45*	*10/04/22 19:25*	*1*

Method: 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: MB 410-298521/1-B
Matrix: Solid
Analysis Batch: 303034

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 298521

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C7 PFUnA	115		12 - 173	09/21/22 16:45	10/04/22 19:25	1
13C2-PFDoDA	107		11 - 166	09/21/22 16:45	10/04/22 19:25	1
13C2 PFTeDA	101		10 - 169	09/21/22 16:45	10/04/22 19:25	1
13C3 PFBS	115		27 - 179	09/21/22 16:45	10/04/22 19:25	1
13C3 PFHxS	119		24 - 171	09/21/22 16:45	10/04/22 19:25	1
13C8 PFOS	131		41 - 154	09/21/22 16:45	10/04/22 19:25	1
d3-NMeFOSAA	71		10 - 178	09/21/22 16:45	10/04/22 19:25	1
d5-NEtFOSAA	73		10 - 193	09/21/22 16:45	10/04/22 19:25	1
13C8 FOSA	58		14 - 163	09/21/22 16:45	10/04/22 19:25	1
13C4 PFBA	114		28 - 153	09/21/22 16:45	10/04/22 19:25	1
13C5 PFPeA	118		24 - 161	09/21/22 16:45	10/04/22 19:25	1

Lab Sample ID: LCS 410-298521/2-B
Matrix: Solid
Analysis Batch: 303034

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 298521

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorohexanoic acid	2.50	1.91		ng/g		76	59 - 132
Perfluoroheptanoic acid	2.50	1.95		ng/g		78	59 - 137
Perfluorooctanoic acid	2.50	1.98		ng/g		79	59 - 131
Perfluorononanoic acid	2.50	1.92		ng/g		77	61 - 134
Perfluorodecanoic acid	2.50	2.05		ng/g		82	56 - 133
Perfluorotridecanoic acid	2.50	1.87		ng/g		75	53 - 143
Perfluorotetradecanoic acid	2.50	1.91		ng/g		76	62 - 134
Perfluorobutanesulfonic acid	2.21	1.77		ng/g		80	54 - 130
Perfluorohexanesulfonic acid	2.28	1.69		ng/g		74	59 - 129
Perfluorooctanesulfonic acid	2.31	1.70		ng/g		74	61 - 126
NEtFOSAA	2.50	2.11		ng/g		84	57 - 127
NMeFOSAA	2.50	1.94		ng/g		78	60 - 134
Perfluoroheptanesulfonic acid	2.38	1.81		ng/g		76	59 - 132
Perfluorodecanesulfonic acid	2.41	1.66		ng/g		69	57 - 132
Perfluorooctanesulfonamide	2.50	2.03		ng/g		81	47 - 149
Perfluorobutanoic acid	2.50	1.91		ng/g		76	60 - 128
Perfluoroundecanoic acid	2.50	1.94		ng/g		78	60 - 134
Perfluorododecanoic acid	2.50	1.86		ng/g		74	60 - 135
6:2 Fluorotelomer sulfonic acid	2.37	1.86		ng/g		78	59 - 135
8:2 Fluorotelomer sulfonic acid	2.40	2.06		ng/g		86	55 - 133
Perfluoropentanoic acid	2.50	1.94		ng/g		78	58 - 134

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-8:2 FTS	106		15 - 200
M2-6:2 FTS	122		10 - 200
13C5 PFHxA	114		10 - 174
13C4 PFHpA	109		10 - 178
13C8 PFOA	109		26 - 159
13C9 PFNA	129		26 - 165
13C6 PFDA	113		26 - 161
13C7 PFUnA	114		12 - 173
13C2-PFDoDA	108		11 - 166

Method: 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 410-298521/2-B
Matrix: Solid
Analysis Batch: 303034

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 298521

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C2 PFTeDA	103		10 - 169
13C3 PFBS	116		27 - 179
13C3 PFHxS	113		24 - 171
13C8 PFOS	124		41 - 154
d3-NMeFOSAA	70		10 - 178
d5-NEtFOSAA	68		10 - 193
13C8 FOSA	62		14 - 163
13C4 PFBA	106		28 - 153
13C5 PFPeA	111		24 - 161

Lab Sample ID: 480-201621-2 MS
Matrix: Solid
Analysis Batch: 303034

Client Sample ID: SS-2 (0-2")
Prep Type: Total/NA
Prep Batch: 298521

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorohexanoic acid	0.044	J B	2.90	2.49		ng/g	☼	84	59 - 132
Perfluoroheptanoic acid	ND		2.90	2.27		ng/g	☼	78	59 - 137
Perfluorooctanoic acid	0.053	J B	2.90	2.55		ng/g	☼	86	59 - 131
Perfluorononanoic acid	0.049	J	2.90	2.18		ng/g	☼	73	61 - 134
Perfluorodecanoic acid	0.048	J B	2.90	2.42		ng/g	☼	82	56 - 133
Perfluorotridecanoic acid	0.049	J	2.90	2.36		ng/g	☼	80	53 - 143
Perfluorotetradecanoic acid	0.034	J	2.90	2.25		ng/g	☼	76	62 - 134
Perfluorobutanesulfonic acid	ND		2.57	2.02		ng/g	☼	79	54 - 130
Perfluorohexanesulfonic acid	ND		2.65	2.11		ng/g	☼	80	59 - 129
Perfluorooctanesulfonic acid	0.37		2.69	2.17		ng/g	☼	67	61 - 126
NEtFOSAA	0.23		2.90	2.81		ng/g	☼	89	57 - 127
NMeFOSAA	ND		2.90	2.27		ng/g	☼	78	60 - 134
Perfluoroheptanesulfonic acid	ND		2.76	2.12		ng/g	☼	77	59 - 132
Perfluorodecanesulfonic acid	0.047	J	2.80	2.03		ng/g	☼	71	57 - 132
Perfluorooctanesulfonamide	ND		2.90	2.30		ng/g	☼	79	47 - 149
Perfluorobutanoic acid	0.056	J	2.90	2.27		ng/g	☼	76	60 - 128
Perfluoroundecanoic acid	0.068	J	2.90	2.34		ng/g	☼	78	60 - 134
Perfluorododecanoic acid	0.048	J	2.90	2.26		ng/g	☼	76	60 - 135
6:2 Fluorotelomer sulfonic acid	ND		2.75	2.27		ng/g	☼	83	59 - 135
8:2 Fluorotelomer sulfonic acid	ND		2.78	2.27		ng/g	☼	82	55 - 133
Perfluoropentanoic acid	ND		2.90	2.19		ng/g	☼	75	58 - 134

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
M2-8:2 FTS	156		15 - 200
M2-6:2 FTS	181		10 - 200
13C5 PFHxA	114		10 - 174
13C4 PFHpA	111		10 - 178
13C8 PFOA	104		26 - 159
13C9 PFNA	156		26 - 165
13C6 PFDA	114		26 - 161
13C7 PFUnA	121		12 - 173
13C2-PFDoDA	118		11 - 166
13C2 PFTeDA	120		10 - 169
13C3 PFBS	118		27 - 179

Method: 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 480-201621-2 MS
Matrix: Solid
Analysis Batch: 303034

Client Sample ID: SS-2 (0-2")
Prep Type: Total/NA
Prep Batch: 298521

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C3 PFHxS	101		24 - 171
13C8 PFOS	125		41 - 154
d3-NMeFOSAA	117		10 - 178
d5-NEtFOSAA	118		10 - 193
13C8 FOSA	53		14 - 163
13C4 PFBA	116		28 - 153
13C5 PFPeA	125		24 - 161

Lab Sample ID: 480-201621-2 MSD
Matrix: Solid
Analysis Batch: 303034

Client Sample ID: SS-2 (0-2")
Prep Type: Total/NA
Prep Batch: 298521

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorohexanoic acid	0.044	J B	2.89	2.36		ng/g	☼	80	59 - 132	5	30
Perfluoroheptanoic acid	ND		2.89	2.32		ng/g	☼	80	59 - 137	2	30
Perfluorooctanoic acid	0.053	J B	2.89	2.62		ng/g	☼	89	59 - 131	3	30
Perfluorononanoic acid	0.049	J	2.89	2.28		ng/g	☼	77	61 - 134	5	30
Perfluorodecanoic acid	0.048	J B	2.89	2.44		ng/g	☼	83	56 - 133	1	30
Perfluorotridecanoic acid	0.049	J	2.89	2.31		ng/g	☼	78	53 - 143	2	30
Perfluorotetradecanoic acid	0.034	J	2.89	2.29		ng/g	☼	78	62 - 134	2	30
Perfluorobutanesulfonic acid	ND		2.56	2.11		ng/g	☼	82	54 - 130	4	30
Perfluorohexanesulfonic acid	ND		2.64	2.05		ng/g	☼	78	59 - 129	3	30
Perfluorooctanesulfonic acid	0.37		2.68	2.21		ng/g	☼	69	61 - 126	2	30
NEtFOSAA	0.23		2.89	2.87		ng/g	☼	91	57 - 127	2	30
NMeFOSAA	ND		2.89	2.19		ng/g	☼	76	60 - 134	4	30
Perfluoroheptanesulfonic acid	ND		2.75	2.13		ng/g	☼	77	59 - 132	0	30
Perfluorodecanesulfonic acid	0.047	J	2.79	1.94		ng/g	☼	68	57 - 132	5	30
Perfluorooctanesulfonamide	ND		2.89	2.38		ng/g	☼	82	47 - 149	3	30
Perfluorobutanoic acid	0.056	J	2.89	2.30		ng/g	☼	78	60 - 128	1	30
Perfluoroundecanoic acid	0.068	J	2.89	2.40		ng/g	☼	81	60 - 134	3	30
Perfluorododecanoic acid	0.048	J	2.89	2.18		ng/g	☼	74	60 - 135	3	30
6:2 Fluorotelomer sulfonic acid	ND		2.74	2.10		ng/g	☼	77	59 - 135	8	30
8:2 Fluorotelomer sulfonic acid	ND		2.77	2.30		ng/g	☼	83	55 - 133	1	30
Perfluoropentanoic acid	ND		2.89	2.24		ng/g	☼	77	58 - 134	2	30

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
M2-8:2 FTS	176		15 - 200
M2-6:2 FTS	204	*5+	10 - 200
13C5 PFHxA	111		10 - 174
13C4 PFHpA	104		10 - 178
13C8 PFOA	100		26 - 159
13C9 PFNA	149		26 - 165
13C6 PFDA	114		26 - 161
13C7 PFUnA	114		12 - 173
13C2-PFDoDA	117		11 - 166
13C2 PFTeDA	116		10 - 169
13C3 PFBS	107		27 - 179
13C3 PFHxS	96		24 - 171
13C8 PFOS	122		41 - 154

Method: 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 480-201621-2 MSD
Matrix: Solid
Analysis Batch: 303034

Client Sample ID: SS-2 (0-2")
Prep Type: Total/NA
Prep Batch: 298521

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
d3-NMeFOSAA	124		10 - 178
d5-NEtFOSAA	116		10 - 193
13C8 FOSA	65		14 - 163
13C4 PFBA	111		28 - 153
13C5 PFPeA	118		24 - 161

Lab Sample ID: MB 410-304060/1-B
Matrix: Solid
Analysis Batch: 304938

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 304060

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		0.20	0.019	ng/g		10/06/22 17:06	10/11/22 02:57	1
Perfluoroheptanoic acid	ND		0.20	0.024	ng/g		10/06/22 17:06	10/11/22 02:57	1
Perfluorooctanoic acid	ND		0.20	0.022	ng/g		10/06/22 17:06	10/11/22 02:57	1
Perfluorononanoic acid	ND		0.20	0.023	ng/g		10/06/22 17:06	10/11/22 02:57	1
Perfluorodecanoic acid	ND		0.20	0.024	ng/g		10/06/22 17:06	10/11/22 02:57	1
Perfluorotridecanoic acid	ND		0.20	0.021	ng/g		10/06/22 17:06	10/11/22 02:57	1
Perfluorotetradecanoic acid	ND		0.20	0.024	ng/g		10/06/22 17:06	10/11/22 02:57	1
Perfluorobutanesulfonic acid	ND		0.40	0.36	ng/g		10/06/22 17:06	10/11/22 02:57	1
Perfluorohexanesulfonic acid	ND		0.20	0.019	ng/g		10/06/22 17:06	10/11/22 02:57	1
Perfluorooctanesulfonic acid	ND		0.20	0.035	ng/g		10/06/22 17:06	10/11/22 02:57	1
NEtFOSAA	ND		0.20	0.022	ng/g		10/06/22 17:06	10/11/22 02:57	1
NMeFOSAA	ND		0.20	0.031	ng/g		10/06/22 17:06	10/11/22 02:57	1
Perfluoroheptanesulfonic acid	ND		0.20	0.020	ng/g		10/06/22 17:06	10/11/22 02:57	1
Perfluorodecanesulfonic acid	ND		0.20	0.021	ng/g		10/06/22 17:06	10/11/22 02:57	1
Perfluorooctanesulfonamide	ND		0.20	0.021	ng/g		10/06/22 17:06	10/11/22 02:57	1
Perfluorobutanoic acid	ND		0.20	0.024	ng/g		10/06/22 17:06	10/11/22 02:57	1
Perfluoroundecanoic acid	ND		0.20	0.056	ng/g		10/06/22 17:06	10/11/22 02:57	1
Perfluorododecanoic acid	ND		0.20	0.023	ng/g		10/06/22 17:06	10/11/22 02:57	1
6:2 Fluorotelomer sulfonic acid	ND		0.20	0.049	ng/g		10/06/22 17:06	10/11/22 02:57	1
8:2 Fluorotelomer sulfonic acid	ND		0.20	0.017	ng/g		10/06/22 17:06	10/11/22 02:57	1
Perfluoropentanoic acid	ND		0.20	0.024	ng/g		10/06/22 17:06	10/11/22 02:57	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-8:2 FTS	98		15 - 200	10/06/22 17:06	10/11/22 02:57	1
M2-6:2 FTS	119		10 - 200	10/06/22 17:06	10/11/22 02:57	1
13C5 PFHxA	85		10 - 174	10/06/22 17:06	10/11/22 02:57	1
13C4 PFHpA	90		10 - 178	10/06/22 17:06	10/11/22 02:57	1
13C8 PFOA	85		26 - 159	10/06/22 17:06	10/11/22 02:57	1
13C9 PFNA	94		26 - 165	10/06/22 17:06	10/11/22 02:57	1
13C6 PFDA	83		26 - 161	10/06/22 17:06	10/11/22 02:57	1
13C7 PFUnA	83		12 - 173	10/06/22 17:06	10/11/22 02:57	1
13C2-PFDoDA	77		11 - 166	10/06/22 17:06	10/11/22 02:57	1
13C2 PFTeDA	77		10 - 169	10/06/22 17:06	10/11/22 02:57	1
13C3 PFBS	95		27 - 179	10/06/22 17:06	10/11/22 02:57	1
13C3 PFHxS	101		24 - 171	10/06/22 17:06	10/11/22 02:57	1
13C8 PFOS	105		41 - 154	10/06/22 17:06	10/11/22 02:57	1
d3-NMeFOSAA	50		10 - 178	10/06/22 17:06	10/11/22 02:57	1
d5-NEtFOSAA	52		10 - 193	10/06/22 17:06	10/11/22 02:57	1

Method: 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: MB 410-304060/1-B
Matrix: Solid
Analysis Batch: 304938

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 304060

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C8 FOSA	49		14 - 163	10/06/22 17:06	10/11/22 02:57	1
13C4 PFBA	83		28 - 153	10/06/22 17:06	10/11/22 02:57	1
13C5 PFPeA	87		24 - 161	10/06/22 17:06	10/11/22 02:57	1

Lab Sample ID: LCS 410-304060/2-B
Matrix: Solid
Analysis Batch: 304938

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 304060

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorohexanoic acid	2.50	2.06		ng/g		82	59 - 132
Perfluoroheptanoic acid	2.50	2.16		ng/g		87	59 - 137
Perfluorooctanoic acid	2.50	2.09		ng/g		83	59 - 131
Perfluorononanoic acid	2.50	2.08		ng/g		83	61 - 134
Perfluorodecanoic acid	2.50	2.30		ng/g		92	56 - 133
Perfluorotridecanoic acid	2.50	2.11		ng/g		84	53 - 143
Perfluorotetradecanoic acid	2.50	2.14		ng/g		86	62 - 134
Perfluorobutanesulfonic acid	2.21	1.87		ng/g		84	54 - 130
Perfluorohexanesulfonic acid	2.28	1.86		ng/g		82	59 - 129
Perfluorooctanesulfonic acid	2.31	1.90		ng/g		82	61 - 126
NEtFOSAA	2.50	2.24		ng/g		90	57 - 127
NMeFOSAA	2.50	2.17		ng/g		87	60 - 134
Perfluoroheptanesulfonic acid	2.38	2.00		ng/g		84	59 - 132
Perfluorodecanesulfonic acid	2.41	2.02		ng/g		84	57 - 132
Perfluorooctanesulfonamide	2.50	2.32		ng/g		93	47 - 149
Perfluorobutanoic acid	2.50	2.10		ng/g		84	60 - 128
Perfluoroundecanoic acid	2.50	2.00		ng/g		80	60 - 134
Perfluorododecanoic acid	2.50	2.05		ng/g		82	60 - 135
6:2 Fluorotelomer sulfonic acid	2.37	1.95		ng/g		82	59 - 135
8:2 Fluorotelomer sulfonic acid	2.40	2.27		ng/g		95	55 - 133
Perfluoropentanoic acid	2.50	2.16		ng/g		86	58 - 134

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-8:2 FTS	104		15 - 200
M2-6:2 FTS	113		10 - 200
13C5 PFHxA	84		10 - 174
13C4 PFHpA	85		10 - 178
13C8 PFOA	90		26 - 159
13C9 PFNA	109		26 - 165
13C6 PFDA	90		26 - 161
13C7 PFUnA	99		12 - 173
13C2-PFDoDA	93		11 - 166
13C2 PFTeDA	90		10 - 169
13C3 PFBS	100		27 - 179
13C3 PFHxS	97		24 - 171
13C8 PFOS	110		41 - 154
d3-NMeFOSAA	64		10 - 178
d5-NEtFOSAA	62		10 - 193
13C8 FOSA	50		14 - 163
13C4 PFBA	85		28 - 153

Method: 537 (Modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 410-304060/2-B
Matrix: Solid
Analysis Batch: 304938

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 304060

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C5 PFPeA	86		24 - 161

Method: 537 (Modified) - Fluorinated Alkyl Substances - RE

Lab Sample ID: 480-201621-2 MS
Matrix: Solid
Analysis Batch: 304938

Client Sample ID: SS-2 (0-2")
Prep Type: Total/NA
Prep Batch: 304060

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorohexanoic acid - RE	0.037	J H	2.89	2.52		ng/g	☼	86	59 - 132
Perfluoroheptanoic acid - RE	ND	H	2.89	2.42		ng/g	☼	84	59 - 137
Perfluorooctanoic acid - RE	0.064	J H	2.89	2.67		ng/g	☼	90	59 - 131
Perfluorononanoic acid - RE	0.040	J H	2.89	2.46		ng/g	☼	84	61 - 134
Perfluorodecanoic acid - RE	0.047	J H	2.89	2.74		ng/g	☼	93	56 - 133
Perfluorotridecanoic acid - RE	0.035	J H	2.89	2.47		ng/g	☼	84	53 - 143
Perfluorotetradecanoic acid - RE	ND	H	2.89	2.53		ng/g	☼	87	62 - 134
Perfluorobutanesulfonic acid - RE	ND	H	2.55	2.23		ng/g	☼	87	54 - 130
Perfluorohexanesulfonic acid - RE	ND	H	2.63	2.18		ng/g	☼	83	59 - 129
Perfluorooctanesulfonic acid - RE	0.35	H	2.67	2.61		ng/g	☼	84	61 - 126
NEtFOSAA - RE	0.21	J H	2.89	2.72		ng/g	☼	87	57 - 127
NMeFOSAA - RE	ND	H	2.89	2.41		ng/g	☼	83	60 - 134
Perfluoroheptanesulfonic acid - RE	ND	H	2.75	2.33		ng/g	☼	85	59 - 132
Perfluorodecanesulfonic acid - RE	0.053	J H	2.78	2.25		ng/g	☼	79	57 - 132
Perfluorooctanesulfonamide - RE	ND	H	2.89	2.59		ng/g	☼	90	47 - 149
Perfluorobutanoic acid - RE	0.045	J H	2.89	2.51		ng/g	☼	85	60 - 128
Perfluoroundecanoic acid - RE	ND	H	2.89	2.61		ng/g	☼	90	60 - 134
Perfluorododecanoic acid - RE	0.038	J H	2.89	2.40		ng/g	☼	82	60 - 135
6:2 Fluorotelomer sulfonic acid - RE	ND	H	2.74	2.33		ng/g	☼	85	59 - 135
8:2 Fluorotelomer sulfonic acid - RE	ND	H	2.77	2.43		ng/g	☼	88	55 - 133
Perfluoropentanoic acid - RE	ND	H	2.89	2.48		ng/g	☼	86	58 - 134

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
M2-8:2 FTS - RE	169		15 - 200
M2-6:2 FTS - RE	167		10 - 200
13C5 PFHxA - RE	84		10 - 174
13C4 PFHpA - RE	82		10 - 178
13C8 PFOA - RE	80		26 - 159
13C9 PFNA - RE	116		26 - 165
13C6 PFDA - RE	88		26 - 161
13C7 PFUnA - RE	89		12 - 173
13C2-PFDoDA - RE	88		11 - 166
13C2 PFTeDA - RE	85		10 - 169
13C3 PFBS - RE	87		27 - 179
13C3 PFHxS - RE	75		24 - 171

Method: 537 (Modified) - Fluorinated Alkyl Substances - RE (Continued)

Lab Sample ID: 480-201621-2 MS
Matrix: Solid
Analysis Batch: 304938

Client Sample ID: SS-2 (0-2")
Prep Type: Total/NA
Prep Batch: 304060

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C8 PFOS - RE	92		41 - 154
d3-NMeFOSAA - RE	102		10 - 178
d5-NEtFOSAA - RE	101		10 - 193
13C8 FOSA - RE	61		14 - 163
13C4 PFBA - RE	87		28 - 153
13C5 PFPeA - RE	88		24 - 161

Lab Sample ID: 480-201621-2 MSD
Matrix: Solid
Analysis Batch: 304938

Client Sample ID: SS-2 (0-2")
Prep Type: Total/NA
Prep Batch: 304060

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorohexanoic acid - RE	0.037	J H	2.88	2.53		ng/g	☼	86	59 - 132	0	30
Perfluoroheptanoic acid - RE	ND	H	2.88	2.37		ng/g	☼	82	59 - 137	2	30
Perfluorooctanoic acid - RE	0.064	J H	2.88	2.61		ng/g	☼	89	59 - 131	2	30
Perfluorononanoic acid - RE	0.040	J H	2.88	2.40		ng/g	☼	82	61 - 134	2	30
Perfluorodecanoic acid - RE	0.047	J H	2.88	2.72		ng/g	☼	93	56 - 133	1	30
Perfluorotridecanoic acid - RE	0.035	J H	2.88	2.68		ng/g	☼	92	53 - 143	8	30
Perfluorotetradecanoic acid - RE	ND	H	2.88	2.41		ng/g	☼	84	62 - 134	5	30
Perfluorobutanesulfonic acid - RE	ND	H	2.55	2.20		ng/g	☼	86	54 - 130	1	30
Perfluorohexanesulfonic acid - RE	ND	H	2.63	2.11		ng/g	☼	80	59 - 129	3	30
Perfluorooctanesulfonic acid - RE	0.35	H	2.66	2.41		ng/g	☼	77	61 - 126	8	30
NEtFOSAA - RE	0.21	J H	2.88	2.68		ng/g	☼	86	57 - 127	2	30
NMeFOSAA - RE	ND	H	2.88	2.52		ng/g	☼	88	60 - 134	5	30
Perfluoroheptanesulfonic acid - RE	ND	H	2.74	2.31		ng/g	☼	84	59 - 132	1	30
Perfluorodecanesulfonic acid - RE	0.053	J H	2.77	2.33		ng/g	☼	82	57 - 132	3	30
Perfluorooctanesulfonamide - RE	ND	H	2.88	2.63		ng/g	☼	92	47 - 149	2	30
Perfluorobutanoic acid - RE	0.045	J H	2.88	2.48		ng/g	☼	85	60 - 128	1	30
Perfluoroundecanoic acid - RE	ND	H	2.88	2.59		ng/g	☼	90	60 - 134	1	30
Perfluorododecanoic acid - RE	0.038	J H	2.88	2.50		ng/g	☼	85	60 - 135	4	30
6:2 Fluorotelomer sulfonic acid - RE	ND	H	2.73	2.40		ng/g	☼	88	59 - 135	3	30
8:2 Fluorotelomer sulfonic acid - RE	ND	H	2.76	2.46		ng/g	☼	89	55 - 133	1	30
Perfluoropentanoic acid - RE	ND	H	2.88	2.44		ng/g	☼	85	58 - 134	2	30

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
M2-8:2 FTS - RE	173		15 - 200
M2-6:2 FTS - RE	192		10 - 200
13C5 PFHxA - RE	88		10 - 174
13C4 PFHpA - RE	89		10 - 178
13C8 PFOA - RE	88		26 - 159
13C9 PFNA - RE	131		26 - 165
13C6 PFDA - RE	95		26 - 161
13C7 PFUnA - RE	96		12 - 173
13C2-PFDoDA - RE	91		11 - 166

Method: 537 (Modified) - Fluorinated Alkyl Substances - RE (Continued)

Lab Sample ID: 480-201621-2 MSD
Matrix: Solid
Analysis Batch: 304938

Client Sample ID: SS-2 (0-2")
Prep Type: Total/NA
Prep Batch: 304060

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
13C2 PFTeDA - RE	*99*		*10 - 169*
13C3 PFBS - RE	*93*		*27 - 179*
13C3 PFHxS - RE	*84*		*24 - 171*
13C8 PFOS - RE	*105*		*41 - 154*
d3-NMeFOSAA - RE	*110*		*10 - 178*
d5-NEtFOSAA - RE	*106*		*10 - 193*
13C8 FOSA - RE	*62*		*14 - 163*
13C4 PFBA - RE	*92*		*28 - 153*
13C5 PFPeA - RE	*93*		*24 - 161*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-641524/1-A
Matrix: Solid
Analysis Batch: 641879

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641524

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13.39		9.8	4.3	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Antimony	ND		14.8	0.39	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Arsenic	ND		2.0	0.39	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Barium	0.118	J	0.49	0.11	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Beryllium	0.0345	J	0.20	0.028	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Cadmium	0.0394	J	0.20	0.030	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Calcium	7.25	J	49.2	3.2	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Chromium	ND		0.49	0.20	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Cobalt	ND		0.49	0.049	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Copper	ND		0.98	0.21	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Iron	15.62		9.8	3.4	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Lead	ND		0.98	0.24	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Magnesium	5.08	J	19.7	0.91	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Manganese	0.367		0.20	0.032	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Nickel	ND		4.9	0.23	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Potassium	ND		29.5	19.7	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Selenium	ND		3.9	0.39	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Silver	ND		0.59	0.20	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Sodium	ND		138	12.8	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Thallium	ND		5.9	0.30	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Vanadium	ND		0.49	0.11	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Zinc	ND		2.0	0.63	mg/Kg		09/15/22 11:25	09/16/22 16:41	1

Lab Sample ID: LCSSRM 480-641524/2-A
Matrix: Solid
Analysis Batch: 641879

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641524

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	8630	9942		mg/Kg		115.2	50.6 - 149.5
Antimony	129	81.19		mg/Kg		62.9	19.8 - 250.4

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-641524/2-A
Matrix: Solid
Analysis Batch: 641879

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641524

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	84.5	73.47		mg/Kg		87.0	70.1 - 130.2
Barium	249	224.9		mg/Kg		90.3	75.1 - 124.9
Beryllium	163	150.3		mg/Kg		92.2	74.8 - 125.2
Cadmium	99.0	87.25		mg/Kg		88.1	74.9 - 125.3
Calcium	4760	4285		mg/Kg		90.0	72.7 - 127.5
Chromium	122	107.2		mg/Kg		87.8	70.2 - 130.3
Cobalt	61.7	61.15		mg/Kg		99.1	75.0 - 125.1
Copper	61.5	53.43		mg/Kg		86.9	75.0 - 124.9
Iron	14500	13350		mg/Kg		92.0	35.8 - 164.1
Lead	123	121.0		mg/Kg		98.4	71.8 - 128.5
Magnesium	2360	2207		mg/Kg		93.5	62.7 - 137.7
Manganese	456	400.1		mg/Kg		87.7	76.8 - 123.5
Nickel	135	133.5		mg/Kg		98.9	70.1 - 130.4
Potassium	2090	2329		mg/Kg		111.4	59.3 - 140.7
Selenium	121	103.3		mg/Kg		85.4	66.4 - 133.9
Silver	33.6	36.67		mg/Kg		109.1	68.5 - 131.3
Sodium	136	155.1		mg/Kg		114.0	35.4 - 164.0
Thallium	144	149.8		mg/Kg		104.0	70.1 - 129.9
Vanadium	186	161.5		mg/Kg		86.8	74.2 - 126.3
Zinc	295	240.6		mg/Kg		81.6	70.2 - 130.2

Lab Sample ID: MB 480-641525/1-A
Matrix: Solid
Analysis Batch: 641890

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641525

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		10.1	4.4	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Antimony	ND		15.1	0.40	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Arsenic	ND		2.0	0.40	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Barium	ND		0.50	0.11	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Beryllium	ND		0.20	0.028	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Cadmium	ND		0.20	0.030	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Calcium	7.68	J	50.3	3.3	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Chromium	ND		0.50	0.20	mg/Kg		09/15/22 11:25	09/16/22 13:33	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 480-641525/1-A
Matrix: Solid
Analysis Batch: 641890

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641525

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.50	0.050	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Copper	ND		1.0	0.21	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Iron	ND		10.1	3.5	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Lead	ND		1.0	0.24	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Magnesium	2.00	J	20.1	0.93	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Manganese	0.0493	J	0.20	0.032	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Nickel	ND		5.0	0.23	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Potassium	ND		30.2	20.1	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Selenium	ND		4.0	0.40	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Silver	ND		0.60	0.20	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Sodium	ND		141	13.1	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Thallium	ND		6.0	0.30	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Vanadium	ND		0.50	0.11	mg/Kg		09/15/22 11:25	09/16/22 13:33	1
Zinc	ND		2.0	0.64	mg/Kg		09/15/22 11:25	09/16/22 13:33	1

Lab Sample ID: LCDSRM 480-641525/3-A
Matrix: Solid
Analysis Batch: 641890

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 641525

Analyte			Spike Added	LCDSRM Result	LCDSRM Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			8630	9886		mg/Kg		114.6	50.6 - 149.5	1	20
Antimony			129	79.03		mg/Kg		61.3	19.8 - 250.4	3	20
Arsenic			84.5	75.16		mg/Kg		88.9	70.1 - 130.2	1	20
Barium			249	218.6		mg/Kg		87.8	75.1 - 124.9	0	20
Beryllium			163	136.6		mg/Kg		83.8	74.8 - 125.2	0	20
Cadmium			99.0	85.62		mg/Kg		86.5	74.9 - 125.3	1	20
Calcium			4760	4229		mg/Kg		88.8	72.7 - 127.5	3	20
Chromium			122	106.4		mg/Kg		87.2	70.2 - 130.3	1	20
Cobalt			61.7	62.92		mg/Kg		102.0	75.0 - 125.1	1	20
Copper			61.5	55.76		mg/Kg		90.7	75.0 - 124.9	2	20
Iron			14500	13470		mg/Kg		92.9	35.8 - 164.1	5	20
Lead			123	125.5		mg/Kg		102.0	71.8 - 128.5	3	20
Magnesium			2360	2296		mg/Kg		97.3	62.7 - 137.7	1	20
Manganese			456	420.4		mg/Kg		92.2	76.8 - 123.5	0	20
Nickel			135	136.1		mg/Kg		100.8	70.1 - 130.4	2	20
Potassium			2090	2297		mg/Kg		109.9	59.3 - 140.7	1	20

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCDSRM 480-641525/3-A
Matrix: Solid
Analysis Batch: 641890

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 641525

Analyte	Spike Added	LCDSRM Result	LCDSRM Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Selenium	121	104.9		mg/Kg		86.7	66.4 - 133.9	0	20
Silver	33.6	37.44		mg/Kg		111.4	68.5 - 131.3	2	20
Sodium	136	154.9		mg/Kg		113.9	35.4 - 164.0	2	20
Thallium	144	150.8		mg/Kg		104.7	70.1 - 129.9	1	20
Vanadium	186	168.7		mg/Kg		90.7	74.2 - 126.3	1	20
Zinc	295	258.5		mg/Kg		87.6	70.2 - 130.2	0	20

Lab Sample ID: LCSSRM 480-641525/2-A
Matrix: Solid
Analysis Batch: 641890

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641525

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	8630	9983		mg/Kg		115.7	50.6 - 149.5
Antimony	129	81.48		mg/Kg		63.2	19.8 - 250.4
Arsenic	84.5	76.06		mg/Kg		90.0	70.1 - 130.2
Barium	249	219.0		mg/Kg		88.0	75.1 - 124.9
Beryllium	163	137.3		mg/Kg		84.2	74.8 - 125.2
Cadmium	99.0	85.11		mg/Kg		86.0	74.9 - 125.3
Calcium	4760	4375		mg/Kg		91.9	72.7 - 127.5
Chromium	122	107.7		mg/Kg		88.3	70.2 - 130.3
Cobalt	61.7	63.72		mg/Kg		103.3	75.0 - 125.1
Copper	61.5	54.78		mg/Kg		89.1	75.0 - 124.9
Iron	14500	14120		mg/Kg		97.4	35.8 - 164.1
Lead	123	128.7		mg/Kg		104.6	71.8 - 128.5
Magnesium	2360	2323		mg/Kg		98.4	62.7 - 137.7
Manganese	456	421.6		mg/Kg		92.5	76.8 - 123.5
Nickel	135	138.9		mg/Kg		102.9	70.1 - 130.4
Potassium	2090	2277		mg/Kg		109.0	59.3 - 140.7
Selenium	121	105.0		mg/Kg		86.8	66.4 - 133.9
Silver	33.6	38.02		mg/Kg		113.2	68.5 - 131.3

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-641525/2-A
Matrix: Solid
Analysis Batch: 641890

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641525

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Sodium	136	158.6		mg/Kg		116.6	35.4 - 164.0
Thallium	144	153.1		mg/Kg		106.3	70.1 - 129.9
Vanadium	186	170.7		mg/Kg		91.8	74.2 - 126.3
Zinc	295	258.7		mg/Kg		87.7	70.2 - 130.2

Lab Sample ID: 480-201621-3 MS
Matrix: Solid
Analysis Batch: 641890

Client Sample ID: SS-3 (0-2") MS
Prep Type: Total/NA
Prep Batch: 641525

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	18500	F2	2050	21550	4	mg/Kg	☼	148	75 - 125
Antimony	0.84	J F2 F1	41.0	17.34	F1	mg/Kg	☼	40	75 - 125
Arsenic	7.4		41.1	46.08		mg/Kg	☼	94	75 - 125
Barium	191	F2	41.0	295.4	4	mg/Kg	☼	256	75 - 125
Beryllium	3.8		41.0	36.20		mg/Kg	☼	79	75 - 125
Cadmium	0.82		41.0	36.00		mg/Kg	☼	86	75 - 125
Chromium	42.6	F2 F1	41.0	141.0	F1	mg/Kg	☼	240	75 - 125
Cobalt	3.3		41.0	46.62		mg/Kg	☼	106	75 - 125
Iron	18600		2050	37450	4	mg/Kg	☼	920	75 - 125
Lead	253	F2	41.1	446.4	4	mg/Kg	☼	470	75 - 125
Magnesium	24800	B	2050	15290	4	mg/Kg	☼	-465	75 - 125
Manganese	2280	B	41.0	2531	4	mg/Kg	☼	607	75 - 125
Nickel	19.6	F2	41.0	59.40		mg/Kg	☼	97	75 - 125
Potassium	1730		2050	3547		mg/Kg	☼	89	75 - 125
Selenium	2.6	J	41.0	36.59		mg/Kg	☼	83	75 - 125
Silver	0.69		10.2	9.67		mg/Kg	☼	88	75 - 125
Sodium	677		2050	2523		mg/Kg	☼	90	75 - 125
Thallium	2.2	J	41.0	44.16		mg/Kg	☼	103	75 - 125
Vanadium	18.4	F1	41.1	77.20	F1	mg/Kg	☼	143	75 - 125
Zinc	121	F2 F1	41.0	149.6	F1	mg/Kg	☼	70	75 - 125

Lab Sample ID: 480-201621-3 MS
Matrix: Solid
Analysis Batch: 642108

Client Sample ID: SS-3 (0-2") MS
Prep Type: Total/NA
Prep Batch: 641525

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	144000	B F2	2050	90700	4	mg/Kg	☼	-2620	75 - 125
Copper	58.2	F1 F2	41.0	200.3	F1	mg/Kg	☼	347	75 - 125

Lab Sample ID: 480-201621-3 MSD
Matrix: Solid
Analysis Batch: 641890

Client Sample ID: SS-3 (0-2") MSD
Prep Type: Total/NA
Prep Batch: 641525

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	18500	F2	2240	16170	4 F2	mg/Kg	☼	-105	75 - 125	29	20
Antimony	0.84	J F2 F1	44.7	23.00	F2 F1	mg/Kg	☼	50	75 - 125	28	20

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-201621-3 MSD
Matrix: Solid
Analysis Batch: 641890

Client Sample ID: SS-3 (0-2") MSD
Prep Type: Total/NA
Prep Batch: 641525

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	7.4		44.8	49.81		mg/Kg	☼	95	75 - 125	8	20
Barium	191	F2	44.7	213.0	4 F2	mg/Kg	☼	50	75 - 125	32	20
Beryllium	3.8		44.7	40.50		mg/Kg	☼	82	75 - 125	11	20
Cadmium	0.82		44.7	40.91		mg/Kg	☼	90	75 - 125	13	20
Chromium	42.6	F2 F1	44.7	178.7	F1 F2	mg/Kg	☼	305	75 - 125	24	20
Cobalt	3.3		44.7	52.64		mg/Kg	☼	110	75 - 125	12	20
Iron	18600		2240	35820	4	mg/Kg	☼	770	75 - 125	4	20
Lead	253	F2	44.8	326.6	4 F2	mg/Kg	☼	164	75 - 125	31	20
Magnesium	24800	B	2230	16900	4	mg/Kg	☼	-354	75 - 125	10	20
Manganese	2280	B	44.7	2835	4	mg/Kg	☼	1237	75 - 125	11	20
Nickel	19.6	F2	44.7	75.16	F2	mg/Kg	☼	124	75 - 125	23	20
Potassium	1730		2240	3629		mg/Kg	☼	85	75 - 125	2	20
Selenium	2.6	J	44.7	38.72		mg/Kg	☼	81	75 - 125	6	20
Silver	0.69		11.2	10.57		mg/Kg	☼	88	75 - 125	9	20
Sodium	677		2240	2492		mg/Kg	☼	81	75 - 125	1	20
Thallium	2.2	J	44.7	46.73		mg/Kg	☼	100	75 - 125	6	20
Vanadium	18.4	F1	44.8	74.31		mg/Kg	☼	125	75 - 125	4	20
Zinc	121	F2 F1	44.7	220.4	F1 F2	mg/Kg	☼	223	75 - 125	38	20

Lab Sample ID: 480-201621-3 MSD
Matrix: Solid
Analysis Batch: 642108

Client Sample ID: SS-3 (0-2") MSD
Prep Type: Total/NA
Prep Batch: 641525

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	144000	B F2	2240	117400	4 F2	mg/Kg	☼	-1209	75 - 125	26	20
Copper	58.2	F1 F2	44.7	120.1	F1 F2	mg/Kg	☼	139	75 - 125	50	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-641435/1-A
Matrix: Solid
Analysis Batch: 641616

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641435

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.021	0.0048	mg/Kg		09/15/22 10:09	09/15/22 13:33	1

Lab Sample ID: LCSSRM 480-641435/2-A
Matrix: Solid
Analysis Batch: 641616

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641435

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			18.9	17.75		mg/Kg		93.9	59.8 - 139.7		

Lab Sample ID: 480-201621-3 MS
Matrix: Solid
Analysis Batch: 641616

Client Sample ID: SS-3 (0-2") MS
Prep Type: Total/NA
Prep Batch: 641435

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.11	F1 F2	0.353	0.127	F1	mg/Kg	☼	4	80 - 120		

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 480-201621-3 MSD
Matrix: Solid
Analysis Batch: 641616

Client Sample ID: SS-3 (0-2") MSD
Prep Type: Total/NA
Prep Batch: 641435

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.11	F1 F2	0.342	0.303	F1 F2	mg/Kg	☼	56	80 - 120	82	20

QC Association Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201621-1

GC/MS VOA

Prep Batch: 641451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201621-2	SS-2 (0-2")	Total/NA	Solid	5035A_L	
MB 480-641451/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-641451/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 641452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201621-2	SS-2 (0-2")	Total/NA	Solid	8260C	641451
MB 480-641451/2-A	Method Blank	Total/NA	Solid	8260C	641451
LCS 480-641451/1-A	Lab Control Sample	Total/NA	Solid	8260C	641451

GC/MS Semi VOA

Prep Batch: 641680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201621-1	SS-1 (0-2")	Total/NA	Solid	3550C	
480-201621-2	SS-2 (0-2")	Total/NA	Solid	3550C	
480-201621-3	SS-3 (0-2")	Total/NA	Solid	3550C	
480-201621-4	DUP-2	Total/NA	Solid	3550C	
MB 480-641680/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-641680/2-A	Lab Control Sample	Total/NA	Solid	3550C	
480-201621-3 MS	SS-3 (0-2") MS	Total/NA	Solid	3550C	
480-201621-3 MSD	SS-3 (0-2") MSD	Total/NA	Solid	3550C	

Analysis Batch: 642144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201621-1	SS-1 (0-2")	Total/NA	Solid	8270D	641680
480-201621-3	SS-3 (0-2")	Total/NA	Solid	8270D	641680
480-201621-4	DUP-2	Total/NA	Solid	8270D	641680
MB 480-641680/1-A	Method Blank	Total/NA	Solid	8270D	641680
LCS 480-641680/2-A	Lab Control Sample	Total/NA	Solid	8270D	641680
480-201621-3 MS	SS-3 (0-2") MS	Total/NA	Solid	8270D	641680
480-201621-3 MSD	SS-3 (0-2") MSD	Total/NA	Solid	8270D	641680

Analysis Batch: 642351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201621-2	SS-2 (0-2")	Total/NA	Solid	8270D	641680

GC Semi VOA

Prep Batch: 641633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201621-2	SS-2 (0-2")	Total/NA	Solid	3550C	
MB 480-641633/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-641633/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 641709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201621-2	SS-2 (0-2")	Total/NA	Solid	8082A	641633
MB 480-641633/1-A	Method Blank	Total/NA	Solid	8082A	641633
LCS 480-641633/2-A	Lab Control Sample	Total/NA	Solid	8082A	641633

QC Association Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201621-1

GC Semi VOA

Prep Batch: 641955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201621-2	SS-2 (0-2")	Total/NA	Solid	3550C	
MB 480-641955/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-641955/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 641970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201621-2	SS-2 (0-2")	Total/NA	Solid	8081B	641955
MB 480-641955/1-A	Method Blank	Total/NA	Solid	8081B	641955
LCS 480-641955/2-A	Lab Control Sample	Total/NA	Solid	8081B	641955

Prep Batch: 641975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201621-2	SS-2 (0-2")	Total/NA	Solid	8151A	
MB 480-641975/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 480-641975/2-A	Lab Control Sample	Total/NA	Solid	8151A	

Analysis Batch: 642397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201621-2	SS-2 (0-2")	Total/NA	Solid	8151A	641975
MB 480-641975/1-A	Method Blank	Total/NA	Solid	8151A	641975
LCS 480-641975/2-A	Lab Control Sample	Total/NA	Solid	8151A	641975

LCMS

Prep Batch: 298521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201621-2	SS-2 (0-2")	Total/NA	Solid	SHAKE	
MB 410-298521/1-B	Method Blank	Total/NA	Solid	SHAKE	
LCS 410-298521/2-B	Lab Control Sample	Total/NA	Solid	SHAKE	
480-201621-2 MS	SS-2 (0-2")	Total/NA	Solid	SHAKE	
480-201621-2 MSD	SS-2 (0-2")	Total/NA	Solid	SHAKE	

Cleanup Batch: 302247

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201621-2	SS-2 (0-2")	Total/NA	Solid	Extract Aliquot	298521
MB 410-298521/1-B	Method Blank	Total/NA	Solid	Extract Aliquot	298521
LCS 410-298521/2-B	Lab Control Sample	Total/NA	Solid	Extract Aliquot	298521
480-201621-2 MS	SS-2 (0-2")	Total/NA	Solid	Extract Aliquot	298521
480-201621-2 MSD	SS-2 (0-2")	Total/NA	Solid	Extract Aliquot	298521

Analysis Batch: 303034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201621-2	SS-2 (0-2")	Total/NA	Solid	537 (Modified)	302247
MB 410-298521/1-B	Method Blank	Total/NA	Solid	537 (Modified)	302247
LCS 410-298521/2-B	Lab Control Sample	Total/NA	Solid	537 (Modified)	302247
480-201621-2 MS	SS-2 (0-2")	Total/NA	Solid	537 (Modified)	302247
480-201621-2 MSD	SS-2 (0-2")	Total/NA	Solid	537 (Modified)	302247

Prep Batch: 304060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201621-2 - RE	SS-2 (0-2")	Total/NA	Solid	SHAKE	

LCMS (Continued)

Prep Batch: 304060 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-304060/1-B	Method Blank	Total/NA	Solid	SHAKE	
LCS 410-304060/2-B	Lab Control Sample	Total/NA	Solid	SHAKE	
480-201621-2 MS - RE	SS-2 (0-2")	Total/NA	Solid	SHAKE	
480-201621-2 MSD - RE	SS-2 (0-2")	Total/NA	Solid	SHAKE	

Cleanup Batch: 304625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201621-2 - RE	SS-2 (0-2")	Total/NA	Solid	Extract Aliquot	304060
MB 410-304060/1-B	Method Blank	Total/NA	Solid	Extract Aliquot	304060
LCS 410-304060/2-B	Lab Control Sample	Total/NA	Solid	Extract Aliquot	304060
480-201621-2 MS - RE	SS-2 (0-2")	Total/NA	Solid	Extract Aliquot	304060
480-201621-2 MSD - RE	SS-2 (0-2")	Total/NA	Solid	Extract Aliquot	304060

Analysis Batch: 304938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201621-2 - RE	SS-2 (0-2")	Total/NA	Solid	537 (Modified)	304625
MB 410-304060/1-B	Method Blank	Total/NA	Solid	537 (Modified)	304625
LCS 410-304060/2-B	Lab Control Sample	Total/NA	Solid	537 (Modified)	304625
480-201621-2 MS - RE	SS-2 (0-2")	Total/NA	Solid	537 (Modified)	304625
480-201621-2 MSD - RE	SS-2 (0-2")	Total/NA	Solid	537 (Modified)	304625

Metals

Prep Batch: 641435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201621-1	SS-1 (0-2")	Total/NA	Solid	7471B	
480-201621-2	SS-2 (0-2")	Total/NA	Solid	7471B	
480-201621-3	SS-3 (0-2")	Total/NA	Solid	7471B	
480-201621-4	DUP-2	Total/NA	Solid	7471B	
MB 480-641435/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-641435/2-A	Lab Control Sample	Total/NA	Solid	7471B	
480-201621-3 MS	SS-3 (0-2") MS	Total/NA	Solid	7471B	
480-201621-3 MSD	SS-3 (0-2") MSD	Total/NA	Solid	7471B	

Prep Batch: 641524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201621-1	SS-1 (0-2")	Total/NA	Solid	3050B	
480-201621-2	SS-2 (0-2")	Total/NA	Solid	3050B	
MB 480-641524/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-641524/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 641525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201621-3	SS-3 (0-2")	Total/NA	Solid	3050B	
480-201621-4	DUP-2	Total/NA	Solid	3050B	
MB 480-641525/1-A	Method Blank	Total/NA	Solid	3050B	
LCDSRM 480-641525/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
LCSSRM 480-641525/2-A	Lab Control Sample	Total/NA	Solid	3050B	
480-201621-3 MS	SS-3 (0-2") MS	Total/NA	Solid	3050B	
480-201621-3 MSD	SS-3 (0-2") MSD	Total/NA	Solid	3050B	

Metals

Analysis Batch: 641616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201621-1	SS-1 (0-2")	Total/NA	Solid	7471B	641435
480-201621-2	SS-2 (0-2")	Total/NA	Solid	7471B	641435
480-201621-3	SS-3 (0-2")	Total/NA	Solid	7471B	641435
480-201621-4	DUP-2	Total/NA	Solid	7471B	641435
MB 480-641435/1-A	Method Blank	Total/NA	Solid	7471B	641435
LCSSRM 480-641435/2-A	Lab Control Sample	Total/NA	Solid	7471B	641435
480-201621-3 MS	SS-3 (0-2") MS	Total/NA	Solid	7471B	641435
480-201621-3 MSD	SS-3 (0-2") MSD	Total/NA	Solid	7471B	641435

Analysis Batch: 641879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201621-1	SS-1 (0-2")	Total/NA	Solid	6010C	641524
480-201621-2	SS-2 (0-2")	Total/NA	Solid	6010C	641524
MB 480-641524/1-A	Method Blank	Total/NA	Solid	6010C	641524
LCSSRM 480-641524/2-A	Lab Control Sample	Total/NA	Solid	6010C	641524

Analysis Batch: 641890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201621-3	SS-3 (0-2")	Total/NA	Solid	6010C	641525
480-201621-4	DUP-2	Total/NA	Solid	6010C	641525
MB 480-641525/1-A	Method Blank	Total/NA	Solid	6010C	641525
LCDSRM 480-641525/3-A	Lab Control Sample Dup	Total/NA	Solid	6010C	641525
LCSSRM 480-641525/2-A	Lab Control Sample	Total/NA	Solid	6010C	641525
480-201621-3 MS	SS-3 (0-2") MS	Total/NA	Solid	6010C	641525
480-201621-3 MSD	SS-3 (0-2") MSD	Total/NA	Solid	6010C	641525

Analysis Batch: 642108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201621-3	SS-3 (0-2")	Total/NA	Solid	6010C	641525
480-201621-4	DUP-2	Total/NA	Solid	6010C	641525
480-201621-3 MS	SS-3 (0-2") MS	Total/NA	Solid	6010C	641525
480-201621-3 MSD	SS-3 (0-2") MSD	Total/NA	Solid	6010C	641525

Analysis Batch: 642110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201621-1	SS-1 (0-2")	Total/NA	Solid	6010C	641524
480-201621-1	SS-1 (0-2")	Total/NA	Solid	6010C	641524
480-201621-2	SS-2 (0-2")	Total/NA	Solid	6010C	641524

General Chemistry

Analysis Batch: 641438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201621-1	SS-1 (0-2")	Total/NA	Solid	Moisture	
480-201621-2	SS-2 (0-2")	Total/NA	Solid	Moisture	
480-201621-3	SS-3 (0-2")	Total/NA	Solid	Moisture	
480-201621-4	DUP-2	Total/NA	Solid	Moisture	
480-201621-3 MS	SS-3 (0-2") MS	Total/NA	Solid	Moisture	
480-201621-3 MSD	SS-3 (0-2") MSD	Total/NA	Solid	Moisture	

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201621-1

Client Sample ID: SS-1 (0-2")
Date Collected: 09/14/22 10:00
Date Received: 09/14/22 12:16

Lab Sample ID: 480-201621-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	641438	JMM	EET BUF	09/14/22 15:42

Client Sample ID: SS-1 (0-2")
Date Collected: 09/14/22 10:00
Date Received: 09/14/22 12:16

Lab Sample ID: 480-201621-1
Matrix: Solid
Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			641680	MS	EET BUF	09/16/22 08:32
Total/NA	Analysis	8270D		5	642144	JMM	EET BUF	09/21/22 15:43
Total/NA	Prep	3050B			641524	VAK	EET BUF	09/15/22 11:25
Total/NA	Analysis	6010C		5	642110	LMH	EET BUF	09/20/22 14:09
Total/NA	Prep	3050B			641524	VAK	EET BUF	09/15/22 11:25
Total/NA	Analysis	6010C		2	642110	LMH	EET BUF	09/20/22 14:13
Total/NA	Prep	3050B			641524	VAK	EET BUF	09/15/22 11:25
Total/NA	Analysis	6010C		1	641879	LMH	EET BUF	09/16/22 18:56
Total/NA	Prep	7471B			641435	NVK	EET BUF	09/15/22 10:09
Total/NA	Analysis	7471B		1	641616	NVK	EET BUF	09/15/22 13:58

Client Sample ID: SS-2 (0-2")
Date Collected: 09/14/22 10:15
Date Received: 09/14/22 12:16

Lab Sample ID: 480-201621-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	641438	JMM	EET BUF	09/14/22 15:42

Client Sample ID: SS-2 (0-2")
Date Collected: 09/14/22 10:15
Date Received: 09/14/22 12:16

Lab Sample ID: 480-201621-2
Matrix: Solid
Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			641451	CDC	EET BUF	09/14/22 16:00
Total/NA	Analysis	8260C		1	641452	CDC	EET BUF	09/15/22 02:33
Total/NA	Prep	3550C			641680	MS	EET BUF	09/16/22 08:32
Total/NA	Analysis	8270D		10	642351	JMM	EET BUF	09/22/22 15:51
Total/NA	Prep	3550C			641955	SJM	EET BUF	09/19/22 16:13
Total/NA	Analysis	8081B		20	641970	MAN	EET BUF	09/20/22 10:59
Total/NA	Prep	3550C			641633	SJM	EET BUF	09/15/22 15:50
Total/NA	Analysis	8082A		1	641709	NC	EET BUF	09/16/22 18:15
Total/NA	Prep	8151A			641975	SMP	EET BUF	09/20/22 07:01
Total/NA	Analysis	8151A		1	642397	MAN	EET BUF	09/22/22 18:28
Total/NA	Prep	SHAKE	RE		304060	X5YV	ELLE	10/06/22 17:06
Total/NA	Cleanup	Extract Aliquot	RE		304625	X5YV	ELLE	10/09/22 20:58
Total/NA	Analysis	537 (Modified)	RE	1	304938	I5JH	ELLE	10/11/22 04:15

Client Sample ID: SS-2 (0-2")

Lab Sample ID: 480-201621-2
Date Collected: 09/14/22 10:15
Matrix: Solid
Date Received: 09/14/22 12:16
Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			298521	X5YV	ELLE	09/21/22 16:45
Total/NA	Cleanup	Extract Aliquot			302247	X5YV	ELLE	10/02/22 21:59
Total/NA	Analysis	537 (Modified)		1	303034	MT26	ELLE	10/04/22 20:45
Total/NA	Prep	3050B			641524	VAK	EET BUF	09/15/22 11:25
Total/NA	Analysis	6010C		2	642110	LMH	EET BUF	09/20/22 14:05
Total/NA	Prep	3050B			641524	VAK	EET BUF	09/15/22 11:25
Total/NA	Analysis	6010C		1	641879	LMH	EET BUF	09/16/22 18:52
Total/NA	Prep	7471B			641435	NVK	EET BUF	09/15/22 10:09
Total/NA	Analysis	7471B		1	641616	NVK	EET BUF	09/15/22 13:59

Client Sample ID: SS-3 (0-2")

Lab Sample ID: 480-201621-3
Date Collected: 09/14/22 10:30
Matrix: Solid
Date Received: 09/14/22 12:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	641438	JMM	EET BUF	09/14/22 15:42

Client Sample ID: SS-3 (0-2")

Lab Sample ID: 480-201621-3
Date Collected: 09/14/22 10:30
Matrix: Solid
Date Received: 09/14/22 12:16
Percent Solids: 93.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			641680	MS	EET BUF	09/16/22 08:32
Total/NA	Analysis	8270D		5	642144	JMM	EET BUF	09/21/22 13:15
Total/NA	Prep	3050B			641525	VAK	EET BUF	09/15/22 11:25
Total/NA	Analysis	6010C		1	641890	LMH	EET BUF	09/16/22 13:44
Total/NA	Prep	3050B			641525	VAK	EET BUF	09/15/22 11:25
Total/NA	Analysis	6010C		2	642108	LMH	EET BUF	09/20/22 13:19
Total/NA	Prep	7471B			641435	NVK	EET BUF	09/15/22 10:09
Total/NA	Analysis	7471B		1	641616	NVK	EET BUF	09/15/22 14:00

Client Sample ID: DUP-2

Lab Sample ID: 480-201621-4
Date Collected: 09/14/22 00:00
Matrix: Solid
Date Received: 09/14/22 12:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	641438	JMM	EET BUF	09/14/22 15:42

Client Sample ID: DUP-2

Lab Sample ID: 480-201621-4
Date Collected: 09/14/22 00:00
Matrix: Solid
Date Received: 09/14/22 12:16
Percent Solids: 85.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			641680	MS	EET BUF	09/16/22 08:32
Total/NA	Analysis	8270D		5	642144	JMM	EET BUF	09/21/22 16:31

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201621-1

Client Sample ID: DUP-2
Date Collected: 09/14/22 00:00
Date Received: 09/14/22 12:16

Lab Sample ID: 480-201621-4
Matrix: Solid
Percent Solids: 85.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			641525	VAK	EET BUF	09/15/22 11:25
Total/NA	Analysis	6010C		1	641890	LMH	EET BUF	09/16/22 14:16
Total/NA	Prep	3050B			641525	VAK	EET BUF	09/15/22 11:25
Total/NA	Analysis	6010C		2	642108	LMH	EET BUF	09/20/22 13:38
Total/NA	Prep	7471B			641435	NVK	EET BUF	09/15/22 10:09
Total/NA	Analysis	7471B		1	641616	NVK	EET BUF	09/15/22 14:10

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201621-1

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8151A	8151A	Solid	Picloram
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-22
A2LA	ISO/IEC 17025	0001.01	11-30-22
Alaska	State	PA00009	07-01-23
Alaska (UST)	State	17-027	02-28-23
Arizona	State	AZ0780	03-12-23
Arkansas DEQ	State	88-00660	08-09-23
California	State	2792	11-30-22
Colorado	State	PA00009	06-30-23
Connecticut	State	PH-0746	06-30-23
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-23
Delaware (DW)	State	N/A	01-31-23
Florida	NELAP	E87997	06-30-23
Georgia (DW)	State	C048	01-31-23
Hawaii	State	N/A	01-31-23
Illinois	NELAP	200027	01-31-23
Iowa	State	361	03-01-24
Kansas	NELAP	E-10151	10-31-22
Kentucky (DW)	State	KY90088	12-31-22
Kentucky (UST)	State	1.01	11-30-22
Kentucky (WW)	State	KY90088	01-01-23
Louisiana	NELAP	02055	06-30-23
Maine	State	2019012	03-12-23
Maryland	State	100	06-30-23
Massachusetts	State	M-PA009	06-30-23
Michigan	State	9930	01-31-23
Minnesota	NELAP	042-999-487	12-31-22
Mississippi	State	022	01-31-23
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-23
Montana (UST)	State	<cert No.>	02-01-23
Nebraska	State	NE-OS-32-17	01-31-23
New Hampshire	NELAP	2730	01-10-23
New Jersey	NELAP	PA011	06-30-23
New York	NELAP	10670	04-01-23
North Carolina (DW)	State	42705	07-31-23
North Carolina (WW/SW)	State	521	12-31-22
North Dakota	State	R-205	01-31-23
Oklahoma	NELAP	R-205	08-31-23

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201621-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	PA200001	09-11-23
PALA	Canada	1978	09-16-24
Pennsylvania	NELAP	36-00037	01-31-23
Rhode Island	State	LAO00338	12-30-22
South Carolina	State	89002	01-31-23
Tennessee	State	02838	01-31-23
Texas	NELAP	T104704194-22-43	08-31-23
USDA	US Federal Programs	P330-19-00197	08-09-23
Vermont	State	VT - 36037	10-28-22
Virginia	NELAP	460182	06-15-23
Washington	State	C457	04-11-23
West Virginia (DW)	State	9906 C	12-31-22
West Virginia DEP	State	055	10-31-22
Wyoming	State	8TMS-L	01-31-23
Wyoming (UST)	A2LA	1.01	11-30-22

Method Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201621-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
8081B	Organochlorine Pesticides (GC)	SW846	EET BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET BUF
8151A	Herbicides (GC)	SW846	EET BUF
537 (Modified)	Fluorinated Alkyl Substances	EPA	ELLE
6010C	Metals (ICP)	SW846	EET BUF
7471B	Mercury (CVAA)	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
3050B	Preparation, Metals	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF
5035A_L	Closed System Purge and Trap	SW846	EET BUF
7471B	Preparation, Mercury	SW846	EET BUF
8151A	Extraction (Herbicides)	SW846	EET BUF
Extract Aliquot	Preparation, Extract Aliquot	None	ELLE
SHAKE	Shake Extraction with Ultrasonic Bath Extraction	SW846	ELLE

Protocol References:

EPA = US Environmental Protection Agency

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201621-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-201621-1	SS-1 (0-2")	Solid	09/14/22 10:00	09/14/22 12:16
480-201621-2	SS-2 (0-2")	Solid	09/14/22 10:15	09/14/22 12:16
480-201621-3	SS-3 (0-2")	Solid	09/14/22 10:30	09/14/22 12:16
480-201621-4	DUP-2	Solid	09/14/22 00:00	09/14/22 12:16

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: A. Kearns	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-176962-37963.6
Client Contact: Adam Zebrowski	Phone: 716 417 9150	E-Mail: Brian.Fischer@et.eurofinsus.com	State of Origin: NY	Page: Page 6 of 7
Company: LaBella Associates DPC	PWSID:			Job #:
Address: 300 Pearl Street Suite 130	Due Date Requested:			
City: Buffalo	TAT Requested (days): Standard			
State, Zip: NY, 14202	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: azebrowski@labellapc.com + ajanikolabellapc.com + akearns@labellapc.com	WO #:			
Project Name: 145 Ganson Street	Project #: 48025563			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) TCL list OLM04.2	6010C, 7471B, 8270D	PFC_IDA - NY 21 PFAS	8081B, 8082A, 8151A	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N		
SS-1 (0-2")	9/14/22	1000	C	Solid				X				
SS-2 (0-2")		1015	C	Solid		Y	X	X	X	X		MS
SS-3 (0-2")		1030	C	Solid		Y		X				MS/MSD
~~DUP~~ DUP-2		—	C	Solid				X				
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								
				Solid								

480-201621 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	9/14/22 1216	LaBella	[signature]	9/14/22 1216	TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.2 no ICE

Ver: 06/08/2021

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-75124.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Brian.Fischer@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-201621-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 9/22/2022			
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: 145 Ganson Street	Project #: 48025563			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC_IDA_NY/Shake_Bath_14D NY 21 PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
SS-2 (0-2) (480-201621-2)	9/14/22	10:15 Eastern		Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		9-14-22 1800	TAT3			
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time 9/15/22 1052	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.4 - 1.7

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-201621-1

Login Number: 201621
List Number: 1
Creator: Yeager, Brian A

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	Yes: Received same day of collection; chilling process has begun
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	LABELLA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-201621-1

Login Number: 201621
List Number: 2
Creator: McBeth, Jessica

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 09/15/22 03:08 PM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-201794-1
Client Project/Site: 145 Ganson Street

For:
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Attn: Andy Janik

Authorized for release by:
10/7/2022 5:00:38 PM
Rebecca Jones, Project Management Assistant I
(716)504-9884
Rebecca.Jones@et.eurofinsus.com

Designee for

Brian Fischer, Manager of Project Management
(716)504-9835
Brian.Fischer@et.eurofinsus.com

LINKS

Review your project results through my EOL

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 5
Detection Summary 7
Client Sample Results 10
Surrogate Summary 43
Isotope Dilution Summary 45
QC Sample Results 47
QC Association Summary 73
Lab Chronicle 78
Certification Summary 81
Method Summary 83
Sample Summary 84
Chain of Custody 85
Receipt Checklists 87

Definitions/Glossary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201794-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
F1	MS and/or MSD recovery exceeds control limits.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

LCMS

Qualifier	Qualifier Description
*5+	Isotope dilution analyte is outside acceptance limits, high biased.
I	Value is EMPC (estimated maximum possible concentration).
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 480-201794-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-201794-1

Comments
No additional comments.

Receipt
The samples were received on 9/20/2022 2:45 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 3.0º C, 3.2º C, 3.4º C, 3.7º C, 3.9º C and 4.4º C.

GC/MS VOA
Method 8260C: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for analytical batch 480-642412 recovered outside control limits for the following analyte(s): Chloroethane. Chloroethane has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified. The associated samples are impacted: MW-8 (480-201794-1), MW-6 (480-201794-2), MW-5 (480-201794-3), DUP-1 (480-201794-4) and MW-4 (480-201794-5).

Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: MW-8 (480-201794-1), MW-6 (480-201794-2), DUP-1 (480-201794-4) and MW-4 (480-201794-5). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270D: The continuing calibration verification (CCV) associated with batch 480-643076 recovered above the upper control limit for 2,2'-oxybis[1-chloropropane] and Carbazole. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW-8 (480-201794-1), MW-6 (480-201794-2), MW-5 (480-201794-3), DUP-1 (480-201794-4) and MW-4 (480-201794-5).

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-643076 recovered outside acceptance criteria, low biased, for 2,4-Dinitrophenol, 4-Nitrophenol, Hexachlorocyclopentadiene and Pentachlorophenol. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 480-643076 was outside the method criteria for the following analyte(s): 2,4,6-Tribromophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270D: The laboratory control sample (LCS) for preparation batch 480-642869 and analytical batch 480-643076 recovered outside control limits for the following analytes: 4-Nitroaniline and Carbazole. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 480-642869 and analytical batch 480-643076 were outside control limits. The continuing calibration verification (CCV) and the associated laboratory control sample (LCS) recovery also had high recovery.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8151A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 480-642326 and analytical batch 480-642733 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8151A: Surrogate recovery for the following samples were outside control limits: MW-5 (480-201794-3[MS]) and MW-4

Job ID: 480-201794-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

(480-201794-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8081B: For method 8081, the recovery of the one surrogate in samples MW-5 (480-201794-3) exceeds quality control limits due to the sample matrix. The recovery of the secondary surrogate is within quality control criteria; no corrective action is required.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

LCMS

Method 537 (modified): The recovery for the labeled isotope(s) in the following sample: MW-6 (480-201794-2) is outside the QC acceptance limits. Since the recovery is high and the native analyte is not detected in the sample, the data is reported.

Method 537 (modified): The recovery for the labeled isotope(s) in the following sample: MW-5 (480-201794-3) is outside the QC acceptance limits. Since the recovery is high and the native analyte is not detected in the sample, the data is reported. The injection standard peak areas are outside of the QC acceptance limits in the following background sample: MW-5 (480-201794-3). The injection standard peak areas are also outside of the QC acceptance limits in the associated matrix spike and matrix spike duplicate samples.

Method 537 (modified): The recovery for the labeled isotope(s) in the following samples: DUP-1 (480-201794-4) and MW-4 (480-201794-5) is outside the QC acceptance limits. Since the recovery is high and the native analyte is not detected in the sample, the data is reported.

Method 537 (modified): The recovery for the labeled isotope(s) 13C3 PFBS in the following sample: DUP-1 (480-201794-4) is outside the QC acceptance limits due to interference from sample matrix. The injection standard peak areas are outside of the QC acceptance limits in both the initial injection and the re-injection of the following samples: DUP-1 (480-201794-4). The values here are from the initial injection of the sample.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201794-1

Client Sample ID: MW-8 — Lab Sample ID: 480-201794-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	0.13	J	0.20	0.10	ug/L	1		8270D SIM ID	Total/NA
Diethyl phthalate	3.9	J B	5.4	0.24	ug/L	1		8270D	Total/NA
Endrin aldehyde	0.019	J B	0.050	0.016	ug/L	1		8081B	Total/NA
Perfluorohexanoic acid	3.8		1.8	0.82	ng/L	1		537 IDA	Total/NA
Perfluoroheptanoic acid	3.0		1.8	0.45	ng/L	1		537 IDA	Total/NA
Perfluorooctanoic acid	5.3		1.8	0.45	ng/L	1		537 IDA	Total/NA
Perfluorobutanesulfonic acid	2.8	I	1.8	0.45	ng/L	1		537 IDA	Total/NA
Perfluorohexanesulfonic acid	0.75	J	1.8	0.45	ng/L	1		537 IDA	Total/NA
Perfluorooctanesulfonic acid	1.5	J I	1.8	0.91	ng/L	1		537 IDA	Total/NA
Perfluorobutanoic acid	8.1		4.5	1.8	ng/L	1		537 IDA	Total/NA
Perfluoropentanoic acid	3.3		1.8	0.45	ng/L	1		537 IDA	Total/NA
Aluminum	0.39		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0078	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.52		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	264		0.50	0.10	mg/L	1		6010C	Total/NA
Copper	0.0053	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	56.6		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.011		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	31.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.74		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0020	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	16.4		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	190		1.0	0.32	mg/L	1		6010C	Total/NA
Zinc	0.0079	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: MW-6 — Lab Sample ID: 480-201794-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diethyl phthalate	2.8	J B	5.2	0.23	ug/L	1		8270D	Total/NA
Perfluorohexanoic acid	2.6	I	1.8	0.83	ng/L	1		537 IDA	Total/NA
Perfluoroheptanoic acid	1.4	J	1.8	0.46	ng/L	1		537 IDA	Total/NA
Perfluorooctanoic acid	3.1		1.8	0.46	ng/L	1		537 IDA	Total/NA
Perfluorononanoic acid	0.83	J	1.8	0.46	ng/L	1		537 IDA	Total/NA
Perfluorobutanesulfonic acid	1.9	I	1.8	0.46	ng/L	1		537 IDA	Total/NA
Perfluorooctanesulfonic acid	3.4		1.8	0.92	ng/L	1		537 IDA	Total/NA
Perfluorobutanoic acid	8.5		4.6	1.8	ng/L	1		537 IDA	Total/NA
Perfluoropentanoic acid	2.9		1.8	0.46	ng/L	1		537 IDA	Total/NA
Aluminum	1.9		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0071	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.085		0.0020	0.00070	mg/L	1		6010C	Total/NA
Calcium	91.8		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.0034	J	0.0040	0.0010	mg/L	1		6010C	Total/NA
Copper	0.0067	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	4.0		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.026		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	8.7		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.41		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0028	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	5.1		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	221		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.0096		0.0050	0.0015	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201794-1

Client Sample ID: MW-6 (Continued) — Lab Sample ID: 480-201794-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.014		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: MW-5 — Lab Sample ID: 480-201794-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	2.3		1.8	0.80	ng/L	1		537 IDA	Total/NA
Perfluoroheptanoic acid	2.2		1.8	0.44	ng/L	1		537 IDA	Total/NA
Perfluorooctanoic acid	15		1.8	0.44	ng/L	1		537 IDA	Total/NA
Perfluorobutanesulfonic acid	7.2	I	1.8	0.44	ng/L	1		537 IDA	Total/NA
Perfluorohexanesulfonic acid	3.6		1.8	0.44	ng/L	1		537 IDA	Total/NA
Perfluorobutanoic acid	11		4.4	1.8	ng/L	1		537 IDA	Total/NA
Perfluoropentanoic acid	4.2		1.8	0.44	ng/L	1		537 IDA	Total/NA
Barium	0.061		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00051	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	169		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0017	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0034	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.21		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.0037	J	0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	51.2		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	4.6		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0062	J	0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	0.72		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	134		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: DUP-1 — Lab Sample ID: 480-201794-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diethyl phthalate	9.0	B	5.0	0.22	ug/L	1		8270D	Total/NA
Perfluorohexanoic acid	2.1		1.8	0.83	ng/L	1		537 IDA	Total/NA
Perfluoroheptanoic acid	2.0		1.8	0.46	ng/L	1		537 IDA	Total/NA
Perfluorooctanoic acid	15		1.8	0.46	ng/L	1		537 IDA	Total/NA
Perfluorobutanesulfonic acid	6.8	I	1.8	0.46	ng/L	1		537 IDA	Total/NA
Perfluorohexanesulfonic acid	3.1		1.8	0.46	ng/L	1		537 IDA	Total/NA
Perfluorobutanoic acid	12		4.6	1.8	ng/L	1		537 IDA	Total/NA
Perfluoropentanoic acid	2.9		1.8	0.46	ng/L	1		537 IDA	Total/NA
Perfluorohexanoic acid - RA	2.1		1.8	0.83	ng/L	1		537 IDA	Total/NA
Perfluoroheptanoic acid - RA	2.2		1.8	0.46	ng/L	1		537 IDA	Total/NA
Perfluorooctanoic acid - RA	15		1.8	0.46	ng/L	1		537 IDA	Total/NA
Perfluorobutanesulfonic acid - RA	7.3	I	1.8	0.46	ng/L	1		537 IDA	Total/NA
Perfluorohexanesulfonic acid - RA	3.2		1.8	0.46	ng/L	1		537 IDA	Total/NA
Perfluorobutanoic acid - RA	12		4.6	1.8	ng/L	1		537 IDA	Total/NA
Perfluoropentanoic acid - RA	3.6		1.8	0.46	ng/L	1		537 IDA	Total/NA
Barium	0.054		0.0020	0.00070	mg/L	1		6010C	Total/NA
Cadmium	0.00063	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	161		0.50	0.10	mg/L	1		6010C	Total/NA
Cobalt	0.0019	J	0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.0028	J	0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	0.26		0.050	0.019	mg/L	1		6010C	Total/NA
Magnesium	49.0		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	4.5		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.0058	J	0.010	0.0013	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP-1 (Continued) — Lab Sample ID: 480-201794-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	0.74		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	125		1.0	0.32	mg/L	1		6010C	Total/NA

Client Sample ID: MW-4 — Lab Sample ID: 480-201794-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,4-Dimethylphenol	0.75	J	5.2	0.52	ug/L	1		8270D	Total/NA
Acenaphthene	0.53	J	5.2	0.43	ug/L	1		8270D	Total/NA
4,4'-DDD	0.013	J	0.050	0.0092	ug/L	1		8081B	Total/NA
gamma-BHC (Lindane)	0.0081	J	0.050	0.0080	ug/L	1		8081B	Total/NA
Perfluorohexanoic acid	2.7		1.7	0.78	ng/L	1		537 IDA	Total/NA
Perfluoroheptanoic acid	2.6		1.7	0.43	ng/L	1		537 IDA	Total/NA
Perfluorooctanoic acid	5.5		1.7	0.43	ng/L	1		537 IDA	Total/NA
Perfluorononanoic acid	1.3	J	1.7	0.43	ng/L	1		537 IDA	Total/NA
Perfluorobutanesulfonic acid	3.8		1.7	0.43	ng/L	1		537 IDA	Total/NA
Perfluorohexanesulfonic acid	1.4	J	1.7	0.43	ng/L	1		537 IDA	Total/NA
Perfluorooctanesulfonic acid	8.0		1.7	0.87	ng/L	1		537 IDA	Total/NA
Perfluorobutanoic acid	12		4.3	1.7	ng/L	1		537 IDA	Total/NA
Perfluoropentanoic acid	2.7		1.7	0.43	ng/L	1		537 IDA	Total/NA
Aluminum	11.0		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0090	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.22		0.0020	0.00070	mg/L	1		6010C	Total/NA
Beryllium	0.00052	J	0.0020	0.00030	mg/L	1		6010C	Total/NA
Cadmium	0.0010	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	83.1		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.017		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0047		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.071		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	14.8		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.13		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	15.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.57		0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.020		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	8.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	18.5		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.022		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.17		0.010	0.0015	mg/L	1		6010C	Total/NA
Mercury	0.000050	J	0.00020	0.000043	mg/L	1		7470A	Total/NA

Client Sample ID: EQUIP BLANK — Lab Sample ID: 480-201794-6

No Detections.

Client Sample ID: FIELD BLANK — Lab Sample ID: 480-201794-7

No Detections.

This Detection Summary does not include radiochemical test results.

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201794-1

Client Sample ID: MW-8
Date Collected: 09/20/22 09:15
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-1
Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			09/23/22 01:13	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			09/23/22 01:13	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			09/23/22 01:13	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			09/23/22 01:13	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			09/23/22 01:13	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			09/23/22 01:13	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			09/23/22 01:13	2
1,2,4-Trimethylbenzene	ND		2.0	1.5	ug/L			09/23/22 01:13	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			09/23/22 01:13	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			09/23/22 01:13	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			09/23/22 01:13	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			09/23/22 01:13	2
1,3,5-Trimethylbenzene	ND		2.0	1.5	ug/L			09/23/22 01:13	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			09/23/22 01:13	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			09/23/22 01:13	2
2-Butanone (MEK)	ND		20	2.6	ug/L			09/23/22 01:13	2
2-Hexanone	ND		10	2.5	ug/L			09/23/22 01:13	2
4-Isopropyltoluene	ND		2.0	0.62	ug/L			09/23/22 01:13	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			09/23/22 01:13	2
Acetone	ND		20	6.0	ug/L			09/23/22 01:13	2
Benzene	ND		2.0	0.82	ug/L			09/23/22 01:13	2
Bromoform	ND		2.0	0.52	ug/L			09/23/22 01:13	2
Bromomethane	ND		2.0	1.4	ug/L			09/23/22 01:13	2
Carbon disulfide	ND		2.0	0.38	ug/L			09/23/22 01:13	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			09/23/22 01:13	2
Chlorobenzene	ND		2.0	1.5	ug/L			09/23/22 01:13	2
Dibromochloromethane	ND		2.0	0.64	ug/L			09/23/22 01:13	2
Chloroethane	ND	*-	2.0	0.64	ug/L			09/23/22 01:13	2
Chloroform	ND		2.0	0.68	ug/L			09/23/22 01:13	2
Chloromethane	ND		2.0	0.70	ug/L			09/23/22 01:13	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			09/23/22 01:13	2
Cyclohexane	ND		2.0	0.36	ug/L			09/23/22 01:13	2
Bromodichloromethane	ND		2.0	0.78	ug/L			09/23/22 01:13	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			09/23/22 01:13	2
Ethylbenzene	ND		2.0	1.5	ug/L			09/23/22 01:13	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			09/23/22 01:13	2
Isopropylbenzene	ND		2.0	1.6	ug/L			09/23/22 01:13	2
Methyl acetate	ND		5.0	2.6	ug/L			09/23/22 01:13	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			09/23/22 01:13	2
Methylcyclohexane	ND		2.0	0.32	ug/L			09/23/22 01:13	2
Methylene Chloride	ND		2.0	0.88	ug/L			09/23/22 01:13	2
m,p-Xylene	ND		4.0	1.3	ug/L			09/23/22 01:13	2
Naphthalene	ND		2.0	0.86	ug/L			09/23/22 01:13	2
n-Butylbenzene	ND		2.0	1.3	ug/L			09/23/22 01:13	2
N-Propylbenzene	ND		2.0	1.4	ug/L			09/23/22 01:13	2
o-Xylene	ND		2.0	1.5	ug/L			09/23/22 01:13	2
sec-Butylbenzene	ND		2.0	1.5	ug/L			09/23/22 01:13	2
Tetrachloroethene	ND		2.0	0.72	ug/L			09/23/22 01:13	2
Toluene	ND		2.0	1.0	ug/L			09/23/22 01:13	2

Client Sample ID: MW-8
Date Collected: 09/20/22 09:15
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-1
Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			09/23/22 01:13	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			09/23/22 01:13	2
Trichloroethene	ND		2.0	0.92	ug/L			09/23/22 01:13	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			09/23/22 01:13	2
Vinyl chloride	ND		2.0	1.8	ug/L			09/23/22 01:13	2
Xylenes, Total	ND		4.0	1.3	ug/L			09/23/22 01:13	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			09/23/22 01:13	2
Styrene	ND		2.0	1.5	ug/L			09/23/22 01:13	2
tert-Butylbenzene	ND		2.0	1.6	ug/L			09/23/22 01:13	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/23/22 01:13*	*2*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*		*09/23/22 01:13*	*2*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*09/23/22 01:13*	*2*
Toluene-d8 (Surr)	*88*		*80 - 120*		*09/23/22 01:13*	*2*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*09/23/22 01:13*	*2*

Method: SW846 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.13	J	0.20	0.10	ug/L		09/22/22 17:11	09/26/22 14:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*25*		*15 - 110*	*09/22/22 17:11*	*09/26/22 14:54*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.4	0.71	ug/L		09/27/22 08:11	09/28/22 19:37	1
bis (2-chloroisopropyl) ether	ND		5.4	0.57	ug/L		09/27/22 08:11	09/28/22 19:37	1
2,4,5-Trichlorophenol	ND		5.4	0.52	ug/L		09/27/22 08:11	09/28/22 19:37	1
2,4,6-Trichlorophenol	ND		5.4	0.66	ug/L		09/27/22 08:11	09/28/22 19:37	1
2,4-Dichlorophenol	ND		5.4	0.55	ug/L		09/27/22 08:11	09/28/22 19:37	1
2,4-Dimethylphenol	ND		5.4	0.54	ug/L		09/27/22 08:11	09/28/22 19:37	1
2,4-Dinitrophenol	ND		11	2.4	ug/L		09/27/22 08:11	09/28/22 19:37	1
2,4-Dinitrotoluene	ND		5.4	0.49	ug/L		09/27/22 08:11	09/28/22 19:37	1
2,6-Dinitrotoluene	ND		5.4	0.43	ug/L		09/27/22 08:11	09/28/22 19:37	1
2-Chloronaphthalene	ND		5.4	0.50	ug/L		09/27/22 08:11	09/28/22 19:37	1
2-Chlorophenol	ND		5.4	0.58	ug/L		09/27/22 08:11	09/28/22 19:37	1
2-Methylnaphthalene	ND		5.4	0.65	ug/L		09/27/22 08:11	09/28/22 19:37	1
2-Methylphenol	ND		5.4	0.43	ug/L		09/27/22 08:11	09/28/22 19:37	1
2-Nitroaniline	ND		11	0.46	ug/L		09/27/22 08:11	09/28/22 19:37	1
2-Nitrophenol	ND		5.4	0.52	ug/L		09/27/22 08:11	09/28/22 19:37	1
3,3'-Dichlorobenzidine	ND		5.4	0.43	ug/L		09/27/22 08:11	09/28/22 19:37	1
3-Nitroaniline	ND		11	0.52	ug/L		09/27/22 08:11	09/28/22 19:37	1
4,6-Dinitro-2-methylphenol	ND		11	2.4	ug/L		09/27/22 08:11	09/28/22 19:37	1
4-Bromophenyl phenyl ether	ND		5.4	0.49	ug/L		09/27/22 08:11	09/28/22 19:37	1
4-Chloro-3-methylphenol	ND		5.4	0.49	ug/L		09/27/22 08:11	09/28/22 19:37	1
4-Chloroaniline	ND		5.4	0.64	ug/L		09/27/22 08:11	09/28/22 19:37	1
4-Chlorophenyl phenyl ether	ND		5.4	0.38	ug/L		09/27/22 08:11	09/28/22 19:37	1
4-Methylphenol	ND		11	0.39	ug/L		09/27/22 08:11	09/28/22 19:37	1

Client Sample ID: MW-8
Date Collected: 09/20/22 09:15
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-1
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND	*+	11	0.27	ug/L		09/27/22 08:11	09/28/22 19:37	1
4-Nitrophenol	ND		11	1.7	ug/L		09/27/22 08:11	09/28/22 19:37	1
Acenaphthene	ND		5.4	0.45	ug/L		09/27/22 08:11	09/28/22 19:37	1
Acenaphthylene	ND		5.4	0.41	ug/L		09/27/22 08:11	09/28/22 19:37	1
Acetophenone	ND		5.4	0.59	ug/L		09/27/22 08:11	09/28/22 19:37	1
Anthracene	ND		5.4	0.30	ug/L		09/27/22 08:11	09/28/22 19:37	1
Atrazine	ND		5.4	0.50	ug/L		09/27/22 08:11	09/28/22 19:37	1
Benzaldehyde	ND		5.4	0.29	ug/L		09/27/22 08:11	09/28/22 19:37	1
Benzo(a)anthracene	ND		5.4	0.39	ug/L		09/27/22 08:11	09/28/22 19:37	1
Benzo(a)pyrene	ND		5.4	0.51	ug/L		09/27/22 08:11	09/28/22 19:37	1
Benzo(b)fluoranthene	ND		5.4	0.37	ug/L		09/27/22 08:11	09/28/22 19:37	1
Benzo(g,h,i)perylene	ND		5.4	0.38	ug/L		09/27/22 08:11	09/28/22 19:37	1
Benzo(k)fluoranthene	ND		5.4	0.79	ug/L		09/27/22 08:11	09/28/22 19:37	1
Bis(2-chloroethoxy)methane	ND		5.4	0.38	ug/L		09/27/22 08:11	09/28/22 19:37	1
Bis(2-chloroethyl)ether	ND		5.4	0.43	ug/L		09/27/22 08:11	09/28/22 19:37	1
Bis(2-ethylhexyl) phthalate	ND		5.4	2.4	ug/L		09/27/22 08:11	09/28/22 19:37	1
Butyl benzyl phthalate	ND		5.4	1.1	ug/L		09/27/22 08:11	09/28/22 19:37	1
Caprolactam	ND		5.4	2.4	ug/L		09/27/22 08:11	09/28/22 19:37	1
Carbazole	ND	*+	5.4	0.33	ug/L		09/27/22 08:11	09/28/22 19:37	1
Chrysene	ND		5.4	0.36	ug/L		09/27/22 08:11	09/28/22 19:37	1
Di-n-butyl phthalate	ND		5.4	0.34	ug/L		09/27/22 08:11	09/28/22 19:37	1
Di-n-octyl phthalate	ND		5.4	0.51	ug/L		09/27/22 08:11	09/28/22 19:37	1
Dibenz(a,h)anthracene	ND		5.4	0.46	ug/L		09/27/22 08:11	09/28/22 19:37	1
Dibenzofuran	ND		11	0.55	ug/L		09/27/22 08:11	09/28/22 19:37	1
Diethyl phthalate	3.9	J B	5.4	0.24	ug/L		09/27/22 08:11	09/28/22 19:37	1
Dimethyl phthalate	ND		5.4	0.39	ug/L		09/27/22 08:11	09/28/22 19:37	1
Fluoranthene	ND		5.4	0.43	ug/L		09/27/22 08:11	09/28/22 19:37	1
Fluorene	ND		5.4	0.39	ug/L		09/27/22 08:11	09/28/22 19:37	1
Hexachlorobenzene	ND		5.4	0.55	ug/L		09/27/22 08:11	09/28/22 19:37	1
Hexachlorobutadiene	ND		5.4	0.74	ug/L		09/27/22 08:11	09/28/22 19:37	1
Hexachlorocyclopentadiene	ND		5.4	0.64	ug/L		09/27/22 08:11	09/28/22 19:37	1
Hexachloroethane	ND		5.4	0.64	ug/L		09/27/22 08:11	09/28/22 19:37	1
Indeno(1,2,3-cd)pyrene	ND		5.4	0.51	ug/L		09/27/22 08:11	09/28/22 19:37	1
Isophorone	ND		5.4	0.47	ug/L		09/27/22 08:11	09/28/22 19:37	1
N-Nitrosodi-n-propylamine	ND		5.4	0.59	ug/L		09/27/22 08:11	09/28/22 19:37	1
N-Nitrosodiphenylamine	ND		5.4	0.55	ug/L		09/27/22 08:11	09/28/22 19:37	1
Naphthalene	ND		5.4	0.83	ug/L		09/27/22 08:11	09/28/22 19:37	1
Nitrobenzene	ND		5.4	0.32	ug/L		09/27/22 08:11	09/28/22 19:37	1
Pentachlorophenol	ND		11	2.4	ug/L		09/27/22 08:11	09/28/22 19:37	1
Phenanthrene	ND		5.4	0.48	ug/L		09/27/22 08:11	09/28/22 19:37	1
Phenol	ND		5.4	0.42	ug/L		09/27/22 08:11	09/28/22 19:37	1
Pyrene	ND		5.4	0.37	ug/L		09/27/22 08:11	09/28/22 19:37	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*13*	*T J*	*ug/L*		*2.36*		*09/27/22 08:11*	*09/28/22 19:37*	*1*
Cyclohexane	*7.2*	*T J N*	*ug/L*		*2.47*	*110-82-7*	*09/27/22 08:11*	*09/28/22 19:37*	*1*
Unknown	*490*	*T J*	*ug/L*		*2.72*		*09/27/22 08:11*	*09/28/22 19:37*	*1*
Unknown	*2.6*	*T J*	*ug/L*		*3.91*		*09/27/22 08:11*	*09/28/22 19:37*	*1*
Unknown	*18*	*T J*	*ug/L*		*4.74*		*09/27/22 08:11*	*09/28/22 19:37*	*1*
Column Bleed	*2.3*	*T J*	*ug/L*		*6.80*		*09/27/22 08:11*	*09/28/22 19:37*	*1*

Client Sample ID: MW-8

Date Collected: 09/20/22 09:15
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-1

Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Pentacosane	2.6	T J N	ug/L		12.23	629-99-2	09/27/22 08:11	09/28/22 19:37	1
Eicosane	3.6	T J N	ug/L		12.64	112-95-8	09/27/22 08:11	09/28/22 19:37	1
Heneicosane	3.1	T J N	ug/L		13.08	629-94-7	09/27/22 08:11	09/28/22 19:37	1
Octadecane	2.1	T J N	ug/L		13.55	593-45-3	09/27/22 08:11	09/28/22 19:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	90		41 - 120	09/27/22 08:11	09/28/22 19:37	1
2-Fluorobiphenyl	99		48 - 120	09/27/22 08:11	09/28/22 19:37	1
2-Fluorophenol	77		35 - 120	09/27/22 08:11	09/28/22 19:37	1
Nitrobenzene-d5	85		46 - 120	09/27/22 08:11	09/28/22 19:37	1
p-Terphenyl-d14	91		60 - 148	09/27/22 08:11	09/28/22 19:37	1
Phenol-d5	59		22 - 120	09/27/22 08:11	09/28/22 19:37	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		09/27/22 15:49	09/28/22 11:48	1
4,4'-DDE	ND		0.050	0.012	ug/L		09/27/22 15:49	09/28/22 11:48	1
4,4'-DDT	ND		0.050	0.011	ug/L		09/27/22 15:49	09/28/22 11:48	1
Aldrin	ND		0.050	0.0081	ug/L		09/27/22 15:49	09/28/22 11:48	1
alpha-BHC	ND		0.050	0.0077	ug/L		09/27/22 15:49	09/28/22 11:48	1
cis-Chlordane	ND		0.050	0.015	ug/L		09/27/22 15:49	09/28/22 11:48	1
beta-BHC	ND		0.050	0.025	ug/L		09/27/22 15:49	09/28/22 11:48	1
delta-BHC	ND		0.050	0.010	ug/L		09/27/22 15:49	09/28/22 11:48	1
Dieldrin	ND		0.050	0.0098	ug/L		09/27/22 15:49	09/28/22 11:48	1
Endosulfan I	ND		0.050	0.011	ug/L		09/27/22 15:49	09/28/22 11:48	1
Endosulfan II	ND		0.050	0.012	ug/L		09/27/22 15:49	09/28/22 11:48	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		09/27/22 15:49	09/28/22 11:48	1
Endrin	ND		0.050	0.014	ug/L		09/27/22 15:49	09/28/22 11:48	1
Endrin aldehyde	0.019	J B	0.050	0.016	ug/L		09/27/22 15:49	09/28/22 11:48	1
Endrin ketone	ND		0.050	0.012	ug/L		09/27/22 15:49	09/28/22 11:48	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		09/27/22 15:49	09/28/22 11:48	1
trans-Chlordane	ND		0.050	0.011	ug/L		09/27/22 15:49	09/28/22 11:48	1
Heptachlor	ND		0.050	0.0085	ug/L		09/27/22 15:49	09/28/22 11:48	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		09/27/22 15:49	09/28/22 11:48	1
Methoxychlor	ND		0.050	0.014	ug/L		09/27/22 15:49	09/28/22 11:48	1
Toxaphene	ND		0.50	0.12	ug/L		09/27/22 15:49	09/28/22 11:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	65		20 - 120	09/27/22 15:49	09/28/22 11:48	1
DCB Decachlorobiphenyl	72		20 - 120	09/27/22 15:49	09/28/22 11:48	1
Tetrachloro-m-xylene	75		44 - 120	09/27/22 15:49	09/28/22 11:48	1
Tetrachloro-m-xylene	57		44 - 120	09/27/22 15:49	09/28/22 11:48	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/24/22 09:31	09/25/22 16:47	1
PCB-1221	ND		0.50	0.18	ug/L		09/24/22 09:31	09/25/22 16:47	1
PCB-1232	ND		0.50	0.18	ug/L		09/24/22 09:31	09/25/22 16:47	1
PCB-1242	ND		0.50	0.18	ug/L		09/24/22 09:31	09/25/22 16:47	1
PCB-1248	ND		0.50	0.18	ug/L		09/24/22 09:31	09/25/22 16:47	1

Client Sample ID: MW-8
Date Collected: 09/20/22 09:15
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-1
Matrix: Water

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1254	ND		0.50	0.25	ug/L		09/24/22 09:31	09/25/22 16:47	1
PCB-1260	ND		0.50	0.25	ug/L		09/24/22 09:31	09/25/22 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*75*		*19 - 120*	*09/24/22 09:31*	*09/25/22 16:47*	*1*
DCB Decachlorobiphenyl	*94*		*19 - 120*	*09/24/22 09:31*	*09/25/22 16:47*	*1*
Tetrachloro-m-xylene	*92*		*39 - 121*	*09/24/22 09:31*	*09/25/22 16:47*	*1*
Tetrachloro-m-xylene	*96*		*39 - 121*	*09/24/22 09:31*	*09/25/22 16:47*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		0.53	0.072	ug/L		09/22/22 09:11	09/26/22 13:15	1
Silvex (2,4,5-TP)	ND		0.53	0.053	ug/L		09/22/22 09:11	09/26/22 13:15	1
2,4-D	ND		0.53	0.18	ug/L		09/22/22 09:11	09/26/22 13:15	1
Dichlorprop	ND		0.53	0.12	ug/L		09/22/22 09:11	09/26/22 13:15	1
Dinoseb	ND		0.53	0.14	ug/L		09/22/22 09:11	09/26/22 13:15	1
Pentachlorophenol	ND		0.53	0.052	ug/L		09/22/22 09:11	09/26/22 13:15	1
Picloram	ND		0.53	0.076	ug/L		09/22/22 09:11	09/26/22 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*100*		*48 - 132*	*09/22/22 09:11*	*09/26/22 13:15*	*1*
2,4-Dichlorophenylacetic acid	*88*		*48 - 132*	*09/22/22 09:11*	*09/26/22 13:15*	*1*

Method: EPA 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**3.8**		1.8	0.82	ng/L		09/29/22 08:11	10/06/22 12:40	1
Perfluoroheptanoic acid	**3.0**		1.8	0.45	ng/L		09/29/22 08:11	10/06/22 12:40	1
Perfluorooctanoic acid	**5.3**		1.8	0.45	ng/L		09/29/22 08:11	10/06/22 12:40	1
Perfluorononanoic acid	ND		1.8	0.45	ng/L		09/29/22 08:11	10/06/22 12:40	1
Perfluorodecanoic acid	ND		1.8	0.45	ng/L		09/29/22 08:11	10/06/22 12:40	1
Perfluorotridecanoic acid	ND		1.8	0.45	ng/L		09/29/22 08:11	10/06/22 12:40	1
Perfluorotetradecanoic acid	ND		1.8	0.45	ng/L		09/29/22 08:11	10/06/22 12:40	1
Perfluorobutanesulfonic acid	**2.8**	**I**	1.8	0.45	ng/L		09/29/22 08:11	10/06/22 12:40	1
Perfluorohexanesulfonic acid	**0.75**	**J**	1.8	0.45	ng/L		09/29/22 08:11	10/06/22 12:40	1
Perfluorooctanesulfonic acid	**1.5**	**J I**	1.8	0.91	ng/L		09/29/22 08:11	10/06/22 12:40	1
NEtFOSAA	ND		2.7	0.45	ng/L		09/29/22 08:11	10/06/22 12:40	1
NMeFOSAA	ND		1.8	0.54	ng/L		09/29/22 08:11	10/06/22 12:40	1
Perfluoroheptanesulfonic acid	ND		1.8	0.45	ng/L		09/29/22 08:11	10/06/22 12:40	1
Perfluorodecanesulfonic acid	ND		1.8	0.45	ng/L		09/29/22 08:11	10/06/22 12:40	1
Perfluorooctanesulfonamide	ND		1.8	0.64	ng/L		09/29/22 08:11	10/06/22 12:40	1
Perfluorobutanoic acid	**8.1**		4.5	1.8	ng/L		09/29/22 08:11	10/06/22 12:40	1
Perfluoroundecanoic acid	ND		1.8	0.45	ng/L		09/29/22 08:11	10/06/22 12:40	1
Perfluorododecanoic acid	ND		1.8	0.45	ng/L		09/29/22 08:11	10/06/22 12:40	1
6:2 Fluorotelomer sulfonic acid	ND		4.5	3.8	ng/L		09/29/22 08:11	10/06/22 12:40	1
8:2 Fluorotelomer sulfonic acid	ND		2.7	0.91	ng/L		09/29/22 08:11	10/06/22 12:40	1
Perfluoropentanoic acid	**3.3**		1.8	0.45	ng/L		09/29/22 08:11	10/06/22 12:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-8:2 FTS	*138*		*33 - 200*	*09/29/22 08:11*	*10/06/22 12:40*	*1*
M2-6:2 FTS	*200*		*17 - 200*	*09/29/22 08:11*	*10/06/22 12:40*	*1*
13C5 PFHxA	*76*		*24 - 179*	*09/29/22 08:11*	*10/06/22 12:40*	*1*

Client Sample ID: MW-8
Date Collected: 09/20/22 09:15
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-1
Matrix: Water

Method: EPA 537 IDA - EPA 537 Isotope Dilution (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFHpA	85		31 - 182	09/29/22 08:11	10/06/22 12:40	1
13C8 PFOA	88		48 - 162	09/29/22 08:11	10/06/22 12:40	1
13C9 PFNA	95		51 - 167	09/29/22 08:11	10/06/22 12:40	1
13C6 PFDA	88		49 - 163	09/29/22 08:11	10/06/22 12:40	1
13C7 PFUnA	83		34 - 174	09/29/22 08:11	10/06/22 12:40	1
13C2-PFDoDA	78		17 - 176	09/29/22 08:11	10/06/22 12:40	1
13C2 PFTeDA	70		10 - 179	09/29/22 08:11	10/06/22 12:40	1
13C3 PFBS	140		16 - 200	09/29/22 08:11	10/06/22 12:40	1
13C3 PFHxS	97		28 - 188	09/29/22 08:11	10/06/22 12:40	1
13C8 PFOS	98		51 - 159	09/29/22 08:11	10/06/22 12:40	1
d3-NMeFOSAA	85		31 - 174	09/29/22 08:11	10/06/22 12:40	1
d5-NEtFOSAA	79		29 - 195	09/29/22 08:11	10/06/22 12:40	1
13C8 FOSA	51		10 - 168	09/29/22 08:11	10/06/22 12:40	1
13C4 PFBA	98		42 - 165	09/29/22 08:11	10/06/22 12:40	1
13C5 PFPeA	110		38 - 187	09/29/22 08:11	10/06/22 12:40	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.39**		0.20	0.060	mg/L		09/22/22 09:19	09/22/22 18:00	1
Antimony	ND		0.020	0.0068	mg/L		09/22/22 09:19	09/22/22 18:00	1
Arsenic	**0.0078**	J	0.015	0.0056	mg/L		09/22/22 09:19	09/22/22 18:00	1
Barium	**0.52**		0.0020	0.00070	mg/L		09/22/22 09:19	09/22/22 18:00	1
Beryllium	ND		0.0020	0.00030	mg/L		09/22/22 09:19	09/22/22 18:00	1
Cadmium	ND		0.0020	0.00050	mg/L		09/22/22 09:19	09/22/22 18:00	1
Calcium	**264**		0.50	0.10	mg/L		09/22/22 09:19	09/22/22 18:00	1
Chromium	ND		0.0040	0.0010	mg/L		09/22/22 09:19	09/22/22 18:00	1
Cobalt	ND		0.0040	0.00063	mg/L		09/22/22 09:19	09/22/22 18:00	1
Copper	**0.0053**	J	0.010	0.0016	mg/L		09/22/22 09:19	09/22/22 18:00	1
Iron	**56.6**		0.050	0.019	mg/L		09/22/22 09:19	09/22/22 18:00	1
Lead	**0.011**		0.010	0.0030	mg/L		09/22/22 09:19	09/22/22 18:00	1
Magnesium	**31.6**		0.20	0.043	mg/L		09/22/22 09:19	09/22/22 18:00	1
Manganese	**0.74**		0.0030	0.00040	mg/L		09/22/22 09:19	09/22/22 18:00	1
Nickel	**0.0020**	J	0.010	0.0013	mg/L		09/22/22 09:19	09/22/22 18:00	1
Potassium	**16.4**		0.50	0.10	mg/L		09/22/22 09:19	09/22/22 18:00	1
Selenium	ND		0.025	0.0087	mg/L		09/22/22 09:19	09/22/22 18:00	1
Silver	ND		0.0060	0.0017	mg/L		09/22/22 09:19	09/22/22 18:00	1
Sodium	**190**		1.0	0.32	mg/L		09/22/22 09:19	09/22/22 18:00	1
Thallium	ND		0.020	0.010	mg/L		09/22/22 09:19	09/22/22 18:00	1
Vanadium	ND		0.0050	0.0015	mg/L		09/22/22 09:19	09/22/22 18:00	1
Zinc	**0.0079**	J	0.010	0.0015	mg/L		09/22/22 09:19	09/22/22 18:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		09/21/22 11:30	09/21/22 16:40	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201794-1

Client Sample ID: MW-6
Date Collected: 09/20/22 10:30
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-2
Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			09/23/22 01:35	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			09/23/22 01:35	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			09/23/22 01:35	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			09/23/22 01:35	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			09/23/22 01:35	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			09/23/22 01:35	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			09/23/22 01:35	2
1,2,4-Trimethylbenzene	ND		2.0	1.5	ug/L			09/23/22 01:35	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			09/23/22 01:35	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			09/23/22 01:35	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			09/23/22 01:35	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			09/23/22 01:35	2
1,3,5-Trimethylbenzene	ND		2.0	1.5	ug/L			09/23/22 01:35	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			09/23/22 01:35	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			09/23/22 01:35	2
2-Butanone (MEK)	ND		20	2.6	ug/L			09/23/22 01:35	2
2-Hexanone	ND		10	2.5	ug/L			09/23/22 01:35	2
4-Isopropyltoluene	ND		2.0	0.62	ug/L			09/23/22 01:35	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			09/23/22 01:35	2
Acetone	ND		20	6.0	ug/L			09/23/22 01:35	2
Benzene	ND		2.0	0.82	ug/L			09/23/22 01:35	2
Bromoform	ND		2.0	0.52	ug/L			09/23/22 01:35	2
Bromomethane	ND		2.0	1.4	ug/L			09/23/22 01:35	2
Carbon disulfide	ND		2.0	0.38	ug/L			09/23/22 01:35	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			09/23/22 01:35	2
Chlorobenzene	ND		2.0	1.5	ug/L			09/23/22 01:35	2
Dibromochloromethane	ND		2.0	0.64	ug/L			09/23/22 01:35	2
Chloroethane	ND	*-	2.0	0.64	ug/L			09/23/22 01:35	2
Chloroform	ND		2.0	0.68	ug/L			09/23/22 01:35	2
Chloromethane	ND		2.0	0.70	ug/L			09/23/22 01:35	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			09/23/22 01:35	2
Cyclohexane	ND		2.0	0.36	ug/L			09/23/22 01:35	2
Bromodichloromethane	ND		2.0	0.78	ug/L			09/23/22 01:35	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			09/23/22 01:35	2
Ethylbenzene	ND		2.0	1.5	ug/L			09/23/22 01:35	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			09/23/22 01:35	2
Isopropylbenzene	ND		2.0	1.6	ug/L			09/23/22 01:35	2
Methyl acetate	ND		5.0	2.6	ug/L			09/23/22 01:35	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			09/23/22 01:35	2
Methylcyclohexane	ND		2.0	0.32	ug/L			09/23/22 01:35	2
Methylene Chloride	ND		2.0	0.88	ug/L			09/23/22 01:35	2
m,p-Xylene	ND		4.0	1.3	ug/L			09/23/22 01:35	2
Naphthalene	ND		2.0	0.86	ug/L			09/23/22 01:35	2
n-Butylbenzene	ND		2.0	1.3	ug/L			09/23/22 01:35	2
N-Propylbenzene	ND		2.0	1.4	ug/L			09/23/22 01:35	2
o-Xylene	ND		2.0	1.5	ug/L			09/23/22 01:35	2
sec-Butylbenzene	ND		2.0	1.5	ug/L			09/23/22 01:35	2
Tetrachloroethene	ND		2.0	0.72	ug/L			09/23/22 01:35	2
Toluene	ND		2.0	1.0	ug/L			09/23/22 01:35	2

Client Sample ID: MW-6
Date Collected: 09/20/22 10:30
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-2
Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			09/23/22 01:35	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			09/23/22 01:35	2
Trichloroethene	ND		2.0	0.92	ug/L			09/23/22 01:35	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			09/23/22 01:35	2
Vinyl chloride	ND		2.0	1.8	ug/L			09/23/22 01:35	2
Xylenes, Total	ND		4.0	1.3	ug/L			09/23/22 01:35	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			09/23/22 01:35	2
Styrene	ND		2.0	1.5	ug/L			09/23/22 01:35	2
tert-Butylbenzene	ND		2.0	1.6	ug/L			09/23/22 01:35	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/23/22 01:35*	*2*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*77 - 120*		*09/23/22 01:35*	*2*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*09/23/22 01:35*	*2*
Toluene-d8 (Surr)	*88*		*80 - 120*		*09/23/22 01:35*	*2*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*09/23/22 01:35*	*2*

Method: SW846 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20	0.10	ug/L		09/22/22 17:11	09/26/22 15:16	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*25*		*15 - 110*	*09/22/22 17:11*	*09/26/22 15:16*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.2	0.68	ug/L		09/27/22 08:11	09/28/22 20:05	1
bis (2-chloroisopropyl) ether	ND		5.2	0.54	ug/L		09/27/22 08:11	09/28/22 20:05	1
2,4,5-Trichlorophenol	ND		5.2	0.50	ug/L		09/27/22 08:11	09/28/22 20:05	1
2,4,6-Trichlorophenol	ND		5.2	0.64	ug/L		09/27/22 08:11	09/28/22 20:05	1
2,4-Dichlorophenol	ND		5.2	0.53	ug/L		09/27/22 08:11	09/28/22 20:05	1
2,4-Dimethylphenol	ND		5.2	0.52	ug/L		09/27/22 08:11	09/28/22 20:05	1
2,4-Dinitrophenol	ND		10	2.3	ug/L		09/27/22 08:11	09/28/22 20:05	1
2,4-Dinitrotoluene	ND		5.2	0.47	ug/L		09/27/22 08:11	09/28/22 20:05	1
2,6-Dinitrotoluene	ND		5.2	0.42	ug/L		09/27/22 08:11	09/28/22 20:05	1
2-Chloronaphthalene	ND		5.2	0.48	ug/L		09/27/22 08:11	09/28/22 20:05	1
2-Chlorophenol	ND		5.2	0.55	ug/L		09/27/22 08:11	09/28/22 20:05	1
2-Methylnaphthalene	ND		5.2	0.63	ug/L		09/27/22 08:11	09/28/22 20:05	1
2-Methylphenol	ND		5.2	0.42	ug/L		09/27/22 08:11	09/28/22 20:05	1
2-Nitroaniline	ND		10	0.44	ug/L		09/27/22 08:11	09/28/22 20:05	1
2-Nitrophenol	ND		5.2	0.50	ug/L		09/27/22 08:11	09/28/22 20:05	1
3,3'-Dichlorobenzidine	ND		5.2	0.42	ug/L		09/27/22 08:11	09/28/22 20:05	1
3-Nitroaniline	ND		10	0.50	ug/L		09/27/22 08:11	09/28/22 20:05	1
4,6-Dinitro-2-methylphenol	ND		10	2.3	ug/L		09/27/22 08:11	09/28/22 20:05	1
4-Bromophenyl phenyl ether	ND		5.2	0.47	ug/L		09/27/22 08:11	09/28/22 20:05	1
4-Chloro-3-methylphenol	ND		5.2	0.47	ug/L		09/27/22 08:11	09/28/22 20:05	1
4-Chloroaniline	ND		5.2	0.61	ug/L		09/27/22 08:11	09/28/22 20:05	1
4-Chlorophenyl phenyl ether	ND		5.2	0.36	ug/L		09/27/22 08:11	09/28/22 20:05	1
4-Methylphenol	ND		10	0.38	ug/L		09/27/22 08:11	09/28/22 20:05	1

Client Sample ID: MW-6
Date Collected: 09/20/22 10:30
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-2
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND	*+	10	0.26	ug/L		09/27/22 08:11	09/28/22 20:05	1
4-Nitrophenol	ND		10	1.6	ug/L		09/27/22 08:11	09/28/22 20:05	1
Acenaphthene	ND		5.2	0.43	ug/L		09/27/22 08:11	09/28/22 20:05	1
Acenaphthylene	ND		5.2	0.40	ug/L		09/27/22 08:11	09/28/22 20:05	1
Acetophenone	ND		5.2	0.56	ug/L		09/27/22 08:11	09/28/22 20:05	1
Anthracene	ND		5.2	0.29	ug/L		09/27/22 08:11	09/28/22 20:05	1
Atrazine	ND		5.2	0.48	ug/L		09/27/22 08:11	09/28/22 20:05	1
Benzaldehyde	ND		5.2	0.28	ug/L		09/27/22 08:11	09/28/22 20:05	1
Benzo(a)anthracene	ND		5.2	0.38	ug/L		09/27/22 08:11	09/28/22 20:05	1
Benzo(a)pyrene	ND		5.2	0.49	ug/L		09/27/22 08:11	09/28/22 20:05	1
Benzo(b)fluoranthene	ND		5.2	0.35	ug/L		09/27/22 08:11	09/28/22 20:05	1
Benzo(g,h,i)perylene	ND		5.2	0.36	ug/L		09/27/22 08:11	09/28/22 20:05	1
Benzo(k)fluoranthene	ND		5.2	0.76	ug/L		09/27/22 08:11	09/28/22 20:05	1
Bis(2-chloroethoxy)methane	ND		5.2	0.36	ug/L		09/27/22 08:11	09/28/22 20:05	1
Bis(2-chloroethyl)ether	ND		5.2	0.42	ug/L		09/27/22 08:11	09/28/22 20:05	1
Bis(2-ethylhexyl) phthalate	ND		5.2	2.3	ug/L		09/27/22 08:11	09/28/22 20:05	1
Butyl benzyl phthalate	ND		5.2	1.0	ug/L		09/27/22 08:11	09/28/22 20:05	1
Caprolactam	ND		5.2	2.3	ug/L		09/27/22 08:11	09/28/22 20:05	1
Carbazole	ND	*+	5.2	0.31	ug/L		09/27/22 08:11	09/28/22 20:05	1
Chrysene	ND		5.2	0.34	ug/L		09/27/22 08:11	09/28/22 20:05	1
Di-n-butyl phthalate	ND		5.2	0.32	ug/L		09/27/22 08:11	09/28/22 20:05	1
Di-n-octyl phthalate	ND		5.2	0.49	ug/L		09/27/22 08:11	09/28/22 20:05	1
Dibenz(a,h)anthracene	ND		5.2	0.44	ug/L		09/27/22 08:11	09/28/22 20:05	1
Dibenzofuran	ND		10	0.53	ug/L		09/27/22 08:11	09/28/22 20:05	1
Diethyl phthalate	2.8	J B	5.2	0.23	ug/L		09/27/22 08:11	09/28/22 20:05	1
Dimethyl phthalate	ND		5.2	0.38	ug/L		09/27/22 08:11	09/28/22 20:05	1
Fluoranthene	ND		5.2	0.42	ug/L		09/27/22 08:11	09/28/22 20:05	1
Fluorene	ND		5.2	0.38	ug/L		09/27/22 08:11	09/28/22 20:05	1
Hexachlorobenzene	ND		5.2	0.53	ug/L		09/27/22 08:11	09/28/22 20:05	1
Hexachlorobutadiene	ND		5.2	0.71	ug/L		09/27/22 08:11	09/28/22 20:05	1
Hexachlorocyclopentadiene	ND		5.2	0.61	ug/L		09/27/22 08:11	09/28/22 20:05	1
Hexachloroethane	ND		5.2	0.61	ug/L		09/27/22 08:11	09/28/22 20:05	1
Indeno(1,2,3-cd)pyrene	ND		5.2	0.49	ug/L		09/27/22 08:11	09/28/22 20:05	1
Isophorone	ND		5.2	0.45	ug/L		09/27/22 08:11	09/28/22 20:05	1
N-Nitrosodi-n-propylamine	ND		5.2	0.56	ug/L		09/27/22 08:11	09/28/22 20:05	1
N-Nitrosodiphenylamine	ND		5.2	0.53	ug/L		09/27/22 08:11	09/28/22 20:05	1
Naphthalene	ND		5.2	0.79	ug/L		09/27/22 08:11	09/28/22 20:05	1
Nitrobenzene	ND		5.2	0.30	ug/L		09/27/22 08:11	09/28/22 20:05	1
Pentachlorophenol	ND		10	2.3	ug/L		09/27/22 08:11	09/28/22 20:05	1
Phenanthrene	ND		5.2	0.46	ug/L		09/27/22 08:11	09/28/22 20:05	1
Phenol	ND		5.2	0.41	ug/L		09/27/22 08:11	09/28/22 20:05	1
Pyrene	ND		5.2	0.35	ug/L		09/27/22 08:11	09/28/22 20:05	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*5.7*	*T J*	*ug/L*		*2.46*		*09/27/22 08:11*	*09/28/22 20:05*	*1*
Unknown	*420*	*T J*	*ug/L*		*2.71*		*09/27/22 08:11*	*09/28/22 20:05*	*1*
Unknown	*2.2*	*T J*	*ug/L*		*3.90*		*09/27/22 08:11*	*09/28/22 20:05*	*1*
Unknown	*20*	*T J*	*ug/L*		*4.74*		*09/27/22 08:11*	*09/28/22 20:05*	*1*
Column Bleed	*1.7*	*T J*	*ug/L*		*6.80*		*09/27/22 08:11*	*09/28/22 20:05*	*1*
Phenol, 4-(1,1-dimethylpropyl)-	*3.7*	*T J N*	*ug/L*		*8.26*	*80-46-6*	*09/27/22 08:11*	*09/28/22 20:05*	*1*

Client Sample ID: MW-6
Date Collected: 09/20/22 10:30
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-2
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tricosane, 2-methyl-	3.1	T J N	ug/L		11.84	1928-30-9	09/27/22 08:11	09/28/22 20:05	1
Nonadecane	4.6	T J N	ug/L		12.23	629-92-5	09/27/22 08:11	09/28/22 20:05	1
Octadecane	5.3	T J N	ug/L		12.64	593-45-3	09/27/22 08:11	09/28/22 20:05	1
Tricosane	4.7	T J N	ug/L		13.08	638-67-5	09/27/22 08:11	09/28/22 20:05	1
Eicosane	3.2	T J N	ug/L		13.55	112-95-8	09/27/22 08:11	09/28/22 20:05	1
Docosane	2.3	T J N	ug/L		14.04	629-97-0	09/27/22 08:11	09/28/22 20:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	79		41 - 120	09/27/22 08:11	09/28/22 20:05	1
2-Fluorobiphenyl	85		48 - 120	09/27/22 08:11	09/28/22 20:05	1
2-Fluorophenol	63		35 - 120	09/27/22 08:11	09/28/22 20:05	1
Nitrobenzene-d5	71		46 - 120	09/27/22 08:11	09/28/22 20:05	1
p-Terphenyl-d14	81		60 - 148	09/27/22 08:11	09/28/22 20:05	1
Phenol-d5	49		22 - 120	09/27/22 08:11	09/28/22 20:05	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		09/27/22 15:49	09/28/22 12:07	1
4,4'-DDE	ND		0.050	0.012	ug/L		09/27/22 15:49	09/28/22 12:07	1
4,4'-DDT	ND		0.050	0.011	ug/L		09/27/22 15:49	09/28/22 12:07	1
Aldrin	ND		0.050	0.0081	ug/L		09/27/22 15:49	09/28/22 12:07	1
alpha-BHC	ND		0.050	0.0077	ug/L		09/27/22 15:49	09/28/22 12:07	1
cis-Chlordane	ND		0.050	0.015	ug/L		09/27/22 15:49	09/28/22 12:07	1
beta-BHC	ND		0.050	0.025	ug/L		09/27/22 15:49	09/28/22 12:07	1
delta-BHC	ND		0.050	0.010	ug/L		09/27/22 15:49	09/28/22 12:07	1
Dieldrin	ND		0.050	0.0098	ug/L		09/27/22 15:49	09/28/22 12:07	1
Endosulfan I	ND		0.050	0.011	ug/L		09/27/22 15:49	09/28/22 12:07	1
Endosulfan II	ND		0.050	0.012	ug/L		09/27/22 15:49	09/28/22 12:07	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		09/27/22 15:49	09/28/22 12:07	1
Endrin	ND		0.050	0.014	ug/L		09/27/22 15:49	09/28/22 12:07	1
Endrin aldehyde	ND		0.050	0.016	ug/L		09/27/22 15:49	09/28/22 12:07	1
Endrin ketone	ND		0.050	0.012	ug/L		09/27/22 15:49	09/28/22 12:07	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		09/27/22 15:49	09/28/22 12:07	1
trans-Chlordane	ND		0.050	0.011	ug/L		09/27/22 15:49	09/28/22 12:07	1
Heptachlor	ND		0.050	0.0085	ug/L		09/27/22 15:49	09/28/22 12:07	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		09/27/22 15:49	09/28/22 12:07	1
Methoxychlor	ND		0.050	0.014	ug/L		09/27/22 15:49	09/28/22 12:07	1
Toxaphene	ND		0.50	0.12	ug/L		09/27/22 15:49	09/28/22 12:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	36		20 - 120	09/27/22 15:49	09/28/22 12:07	1
DCB Decachlorobiphenyl	39		20 - 120	09/27/22 15:49	09/28/22 12:07	1
Tetrachloro-m-xylene	97		44 - 120	09/27/22 15:49	09/28/22 12:07	1
Tetrachloro-m-xylene	67		44 - 120	09/27/22 15:49	09/28/22 12:07	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/24/22 09:31	09/25/22 17:01	1
PCB-1221	ND		0.50	0.18	ug/L		09/24/22 09:31	09/25/22 17:01	1
PCB-1232	ND		0.50	0.18	ug/L		09/24/22 09:31	09/25/22 17:01	1

Client Sample ID: MW-6
Date Collected: 09/20/22 10:30
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-2
Matrix: Water

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		0.50	0.18	ug/L		09/24/22 09:31	09/25/22 17:01	1
PCB-1248	ND		0.50	0.18	ug/L		09/24/22 09:31	09/25/22 17:01	1
PCB-1254	ND		0.50	0.25	ug/L		09/24/22 09:31	09/25/22 17:01	1
PCB-1260	ND		0.50	0.25	ug/L		09/24/22 09:31	09/25/22 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*26*		*19 - 120*	*09/24/22 09:31*	*09/25/22 17:01*	*1*
DCB Decachlorobiphenyl	*28*		*19 - 120*	*09/24/22 09:31*	*09/25/22 17:01*	*1*
Tetrachloro-m-xylene	*80*		*39 - 121*	*09/24/22 09:31*	*09/25/22 17:01*	*1*
Tetrachloro-m-xylene	*82*		*39 - 121*	*09/24/22 09:31*	*09/25/22 17:01*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		0.50	0.067	ug/L		09/22/22 09:11	09/26/22 13:33	1
Silvex (2,4,5-TP)	ND		0.50	0.050	ug/L		09/22/22 09:11	09/26/22 13:33	1
2,4-D	ND		0.50	0.17	ug/L		09/22/22 09:11	09/26/22 13:33	1
Dichlorprop	ND		0.50	0.11	ug/L		09/22/22 09:11	09/26/22 13:33	1
Dinoseb	ND		0.50	0.13	ug/L		09/22/22 09:11	09/26/22 13:33	1
Pentachlorophenol	ND		0.50	0.049	ug/L		09/22/22 09:11	09/26/22 13:33	1
Picloram	ND		0.50	0.071	ug/L		09/22/22 09:11	09/26/22 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*97*		*48 - 132*	*09/22/22 09:11*	*09/26/22 13:33*	*1*
2,4-Dichlorophenylacetic acid	*79*		*48 - 132*	*09/22/22 09:11*	*09/26/22 13:33*	*1*

Method: EPA 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**2.6**	**I**	1.8	0.83	ng/L		09/29/22 08:11	10/06/22 12:52	1
Perfluoroheptanoic acid	**1.4**	**J**	1.8	0.46	ng/L		09/29/22 08:11	10/06/22 12:52	1
Perfluorooctanoic acid	**3.1**		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 12:52	1
Perfluorononanoic acid	**0.83**	**J**	1.8	0.46	ng/L		09/29/22 08:11	10/06/22 12:52	1
Perfluorodecanoic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 12:52	1
Perfluorotridecanoic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 12:52	1
Perfluorotetradecanoic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 12:52	1
Perfluorobutanesulfonic acid	**1.9**	**I**	1.8	0.46	ng/L		09/29/22 08:11	10/06/22 12:52	1
Perfluorohexanesulfonic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 12:52	1
Perfluorooctanesulfonic acid	**3.4**		1.8	0.92	ng/L		09/29/22 08:11	10/06/22 12:52	1
NEtFOSAA	ND		2.8	0.46	ng/L		09/29/22 08:11	10/06/22 12:52	1
NMeFOSAA	ND		1.8	0.55	ng/L		09/29/22 08:11	10/06/22 12:52	1
Perfluoroheptanesulfonic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 12:52	1
Perfluorodecanesulfonic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 12:52	1
Perfluorooctanesulfonamide	ND		1.8	0.64	ng/L		09/29/22 08:11	10/06/22 12:52	1
Perfluorobutanoic acid	**8.5**		4.6	1.8	ng/L		09/29/22 08:11	10/06/22 12:52	1
Perfluoroundecanoic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 12:52	1
Perfluorododecanoic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 12:52	1
6:2 Fluorotelomer sulfonic acid	ND		4.6	3.9	ng/L		09/29/22 08:11	10/06/22 12:52	1
8:2 Fluorotelomer sulfonic acid	ND		2.8	0.92	ng/L		09/29/22 08:11	10/06/22 12:52	1
Perfluoropentanoic acid	**2.9**		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 12:52	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-8:2 FTS	*219*	*5+*	*33 - 200*	*09/29/22 08:11*	*10/06/22 12:52*	*1*

Client Sample ID: MW-6

Date Collected: 09/20/22 10:30
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-2

Matrix: Water

Method: EPA 537 IDA - EPA 537 Isotope Dilution (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	273	*5+	17 - 200	09/29/22 08:11	10/06/22 12:52	1
13C5 PFHxA	88		24 - 179	09/29/22 08:11	10/06/22 12:52	1
13C4 PFHpA	92		31 - 182	09/29/22 08:11	10/06/22 12:52	1
13C8 PFOA	96		48 - 162	09/29/22 08:11	10/06/22 12:52	1
13C9 PFNA	86		51 - 167	09/29/22 08:11	10/06/22 12:52	1
13C6 PFDA	94		49 - 163	09/29/22 08:11	10/06/22 12:52	1
13C7 PFUnA	96		34 - 174	09/29/22 08:11	10/06/22 12:52	1
13C2-PFDoDA	93		17 - 176	09/29/22 08:11	10/06/22 12:52	1
13C2 PFTeDA	51		10 - 179	09/29/22 08:11	10/06/22 12:52	1
13C3 PFBS	152		16 - 200	09/29/22 08:11	10/06/22 12:52	1
13C3 PFHxS	120		28 - 188	09/29/22 08:11	10/06/22 12:52	1
13C8 PFOS	100		51 - 159	09/29/22 08:11	10/06/22 12:52	1
d3-NMeFOSAA	96		31 - 174	09/29/22 08:11	10/06/22 12:52	1
d5-NEtFOSAA	95		29 - 195	09/29/22 08:11	10/06/22 12:52	1
13C8 FOSA	76		10 - 168	09/29/22 08:11	10/06/22 12:52	1
13C4 PFBA	88		42 - 165	09/29/22 08:11	10/06/22 12:52	1
13C5 PFPeA	102		38 - 187	09/29/22 08:11	10/06/22 12:52	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.9**		0.20	0.060	mg/L		09/22/22 09:19	09/22/22 18:04	1
Antimony	ND		0.020	0.0068	mg/L		09/22/22 09:19	09/22/22 18:04	1
Arsenic	**0.0071**	J	0.015	0.0056	mg/L		09/22/22 09:19	09/22/22 18:04	1
Barium	**0.085**		0.0020	0.00070	mg/L		09/22/22 09:19	09/22/22 18:04	1
Beryllium	ND		0.0020	0.00030	mg/L		09/22/22 09:19	09/22/22 18:04	1
Cadmium	ND		0.0020	0.00050	mg/L		09/22/22 09:19	09/22/22 18:04	1
Calcium	**91.8**		0.50	0.10	mg/L		09/22/22 09:19	09/22/22 18:04	1
Chromium	**0.0034**	J	0.0040	0.0010	mg/L		09/22/22 09:19	09/22/22 18:04	1
Cobalt	ND		0.0040	0.00063	mg/L		09/22/22 09:19	09/22/22 18:04	1
Copper	**0.0067**	J	0.010	0.0016	mg/L		09/22/22 09:19	09/22/22 18:04	1
Iron	**4.0**		0.050	0.019	mg/L		09/22/22 09:19	09/22/22 18:04	1
Lead	**0.026**		0.010	0.0030	mg/L		09/22/22 09:19	09/22/22 18:04	1
Magnesium	**8.7**		0.20	0.043	mg/L		09/22/22 09:19	09/22/22 18:04	1
Manganese	**0.41**		0.0030	0.00040	mg/L		09/22/22 09:19	09/22/22 18:04	1
Nickel	**0.0028**	J	0.010	0.0013	mg/L		09/22/22 09:19	09/22/22 18:04	1
Potassium	**5.1**		0.50	0.10	mg/L		09/22/22 09:19	09/22/22 18:04	1
Selenium	ND		0.025	0.0087	mg/L		09/22/22 09:19	09/22/22 18:04	1
Silver	ND		0.0060	0.0017	mg/L		09/22/22 09:19	09/22/22 18:04	1
Sodium	**221**		1.0	0.32	mg/L		09/22/22 09:19	09/22/22 18:04	1
Thallium	ND		0.020	0.010	mg/L		09/22/22 09:19	09/22/22 18:04	1
Vanadium	**0.0096**		0.0050	0.0015	mg/L		09/22/22 09:19	09/22/22 18:04	1
Zinc	**0.014**		0.010	0.0015	mg/L		09/22/22 09:19	09/22/22 18:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		09/21/22 11:30	09/21/22 16:41	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201794-1

Client Sample ID: MW-5
Date Collected: 09/20/22 12:10
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-3
Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/23/22 01:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/23/22 01:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/23/22 01:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/23/22 01:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/23/22 01:57	1
1,1-Dichloroethene	ND	F1	1.0	0.29	ug/L			09/23/22 01:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/23/22 01:57	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			09/23/22 01:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/23/22 01:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/23/22 01:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/23/22 01:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/23/22 01:57	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			09/23/22 01:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/23/22 01:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/23/22 01:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/23/22 01:57	1
2-Hexanone	ND		5.0	1.2	ug/L			09/23/22 01:57	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			09/23/22 01:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/23/22 01:57	1
Acetone	ND		10	3.0	ug/L			09/23/22 01:57	1
Benzene	ND		1.0	0.41	ug/L			09/23/22 01:57	1
Bromoform	ND		1.0	0.26	ug/L			09/23/22 01:57	1
Bromomethane	ND		1.0	0.69	ug/L			09/23/22 01:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/23/22 01:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/23/22 01:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/23/22 01:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/23/22 01:57	1
Chloroethane	ND	*- F1	1.0	0.32	ug/L			09/23/22 01:57	1
Chloroform	ND		1.0	0.34	ug/L			09/23/22 01:57	1
Chloromethane	ND		1.0	0.35	ug/L			09/23/22 01:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/23/22 01:57	1
Cyclohexane	ND		1.0	0.18	ug/L			09/23/22 01:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/23/22 01:57	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/23/22 01:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/23/22 01:57	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/23/22 01:57	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/23/22 01:57	1
Methyl acetate	ND		2.5	1.3	ug/L			09/23/22 01:57	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/23/22 01:57	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/23/22 01:57	1
Methylene Chloride	ND	F1	1.0	0.44	ug/L			09/23/22 01:57	1
m,p-Xylene	ND		2.0	0.66	ug/L			09/23/22 01:57	1
Naphthalene	ND		1.0	0.43	ug/L			09/23/22 01:57	1
n-Butylbenzene	ND		1.0	0.64	ug/L			09/23/22 01:57	1
N-Propylbenzene	ND		1.0	0.69	ug/L			09/23/22 01:57	1
o-Xylene	ND		1.0	0.76	ug/L			09/23/22 01:57	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			09/23/22 01:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/23/22 01:57	1
Toluene	ND		1.0	0.51	ug/L			09/23/22 01:57	1

Client Sample ID: MW-5
Date Collected: 09/20/22 12:10
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-3
Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/23/22 01:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/23/22 01:57	1
Trichloroethene	ND		1.0	0.46	ug/L			09/23/22 01:57	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/23/22 01:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/23/22 01:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/23/22 01:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/23/22 01:57	1
Styrene	ND		1.0	0.73	ug/L			09/23/22 01:57	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			09/23/22 01:57	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/23/22 01:57*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*77 - 120*		*09/23/22 01:57*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*09/23/22 01:57*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*		*09/23/22 01:57*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*09/23/22 01:57*	*1*

Method: SW846 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20	0.10	ug/L		09/22/22 17:11	09/26/22 14:08	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*27*		*15 - 110*	*09/22/22 17:11*	*09/26/22 14:08*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND	F2	5.2	0.68	ug/L		09/27/22 08:11	09/28/22 15:30	1
bis (2-chloroisopropyl) ether	ND	F1	5.2	0.54	ug/L		09/27/22 08:11	09/28/22 15:30	1
2,4,5-Trichlorophenol	ND	F2	5.2	0.50	ug/L		09/27/22 08:11	09/28/22 15:30	1
2,4,6-Trichlorophenol	ND		5.2	0.64	ug/L		09/27/22 08:11	09/28/22 15:30	1
2,4-Dichlorophenol	ND	F2	5.2	0.53	ug/L		09/27/22 08:11	09/28/22 15:30	1
2,4-Dimethylphenol	ND		5.2	0.52	ug/L		09/27/22 08:11	09/28/22 15:30	1
2,4-Dinitrophenol	ND		10	2.3	ug/L		09/27/22 08:11	09/28/22 15:30	1
2,4-Dinitrotoluene	ND		5.2	0.47	ug/L		09/27/22 08:11	09/28/22 15:30	1
2,6-Dinitrotoluene	ND	F2	5.2	0.42	ug/L		09/27/22 08:11	09/28/22 15:30	1
2-Chloronaphthalene	ND	F2	5.2	0.48	ug/L		09/27/22 08:11	09/28/22 15:30	1
2-Chlorophenol	ND		5.2	0.55	ug/L		09/27/22 08:11	09/28/22 15:30	1
2-Methylnaphthalene	ND	F2	5.2	0.63	ug/L		09/27/22 08:11	09/28/22 15:30	1
2-Methylphenol	ND		5.2	0.42	ug/L		09/27/22 08:11	09/28/22 15:30	1
2-Nitroaniline	ND	F2	10	0.44	ug/L		09/27/22 08:11	09/28/22 15:30	1
2-Nitrophenol	ND	F2	5.2	0.50	ug/L		09/27/22 08:11	09/28/22 15:30	1
3,3'-Dichlorobenzidine	ND		5.2	0.42	ug/L		09/27/22 08:11	09/28/22 15:30	1
3-Nitroaniline	ND	F2	10	0.50	ug/L		09/27/22 08:11	09/28/22 15:30	1
4,6-Dinitro-2-methylphenol	ND	F2	10	2.3	ug/L		09/27/22 08:11	09/28/22 15:30	1
4-Bromophenyl phenyl ether	ND	F2	5.2	0.47	ug/L		09/27/22 08:11	09/28/22 15:30	1
4-Chloro-3-methylphenol	ND		5.2	0.47	ug/L		09/27/22 08:11	09/28/22 15:30	1
4-Chloroaniline	ND		5.2	0.61	ug/L		09/27/22 08:11	09/28/22 15:30	1
4-Chlorophenyl phenyl ether	ND		5.2	0.36	ug/L		09/27/22 08:11	09/28/22 15:30	1
4-Methylphenol	ND		10	0.38	ug/L		09/27/22 08:11	09/28/22 15:30	1

Client Sample ID: MW-5
Date Collected: 09/20/22 12:10
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-3
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND	*+	10	0.26	ug/L		09/27/22 08:11	09/28/22 15:30	1
4-Nitrophenol	ND		10	1.6	ug/L		09/27/22 08:11	09/28/22 15:30	1
Acenaphthene	ND		5.2	0.43	ug/L		09/27/22 08:11	09/28/22 15:30	1
Acenaphthylene	ND		5.2	0.40	ug/L		09/27/22 08:11	09/28/22 15:30	1
Acetophenone	ND	F2	5.2	0.56	ug/L		09/27/22 08:11	09/28/22 15:30	1
Anthracene	ND	F2	5.2	0.29	ug/L		09/27/22 08:11	09/28/22 15:30	1
Atrazine	ND		5.2	0.48	ug/L		09/27/22 08:11	09/28/22 15:30	1
Benzaldehyde	ND	F2	5.2	0.28	ug/L		09/27/22 08:11	09/28/22 15:30	1
Benzo(a)anthracene	ND	F2	5.2	0.38	ug/L		09/27/22 08:11	09/28/22 15:30	1
Benzo(a)pyrene	ND	F2	5.2	0.49	ug/L		09/27/22 08:11	09/28/22 15:30	1
Benzo(b)fluoranthene	ND		5.2	0.35	ug/L		09/27/22 08:11	09/28/22 15:30	1
Benzo(g,h,i)perylene	ND		5.2	0.36	ug/L		09/27/22 08:11	09/28/22 15:30	1
Benzo(k)fluoranthene	ND		5.2	0.76	ug/L		09/27/22 08:11	09/28/22 15:30	1
Bis(2-chloroethoxy)methane	ND	F2	5.2	0.36	ug/L		09/27/22 08:11	09/28/22 15:30	1
Bis(2-chloroethyl)ether	ND	F2	5.2	0.42	ug/L		09/27/22 08:11	09/28/22 15:30	1
Bis(2-ethylhexyl) phthalate	ND	F2	5.2	2.3	ug/L		09/27/22 08:11	09/28/22 15:30	1
Butyl benzyl phthalate	ND	F2	5.2	1.0	ug/L		09/27/22 08:11	09/28/22 15:30	1
Caprolactam	ND		5.2	2.3	ug/L		09/27/22 08:11	09/28/22 15:30	1
Carbazole	ND	F1 *+	5.2	0.31	ug/L		09/27/22 08:11	09/28/22 15:30	1
Chrysene	ND	F2	5.2	0.34	ug/L		09/27/22 08:11	09/28/22 15:30	1
Di-n-butyl phthalate	ND		5.2	0.32	ug/L		09/27/22 08:11	09/28/22 15:30	1
Di-n-octyl phthalate	ND	F2	5.2	0.49	ug/L		09/27/22 08:11	09/28/22 15:30	1
Dibenz(a,h)anthracene	ND	F2	5.2	0.44	ug/L		09/27/22 08:11	09/28/22 15:30	1
Dibenzofuran	ND	F2	10	0.53	ug/L		09/27/22 08:11	09/28/22 15:30	1
Diethyl phthalate	ND		5.2	0.23	ug/L		09/27/22 08:11	09/28/22 15:30	1
Dimethyl phthalate	ND	F2	5.2	0.38	ug/L		09/27/22 08:11	09/28/22 15:30	1
Fluoranthene	ND	F2	5.2	0.42	ug/L		09/27/22 08:11	09/28/22 15:30	1
Fluorene	ND	F2	5.2	0.38	ug/L		09/27/22 08:11	09/28/22 15:30	1
Hexachlorobenzene	ND	F2	5.2	0.53	ug/L		09/27/22 08:11	09/28/22 15:30	1
Hexachlorobutadiene	ND		5.2	0.71	ug/L		09/27/22 08:11	09/28/22 15:30	1
Hexachlorocyclopentadiene	ND		5.2	0.61	ug/L		09/27/22 08:11	09/28/22 15:30	1
Hexachloroethane	ND		5.2	0.61	ug/L		09/27/22 08:11	09/28/22 15:30	1
Indeno(1,2,3-cd)pyrene	ND		5.2	0.49	ug/L		09/27/22 08:11	09/28/22 15:30	1
Isophorone	ND	F2	5.2	0.45	ug/L		09/27/22 08:11	09/28/22 15:30	1
N-Nitrosodi-n-propylamine	ND		5.2	0.56	ug/L		09/27/22 08:11	09/28/22 15:30	1
N-Nitrosodiphenylamine	ND	F2	5.2	0.53	ug/L		09/27/22 08:11	09/28/22 15:30	1
Naphthalene	ND		5.2	0.79	ug/L		09/27/22 08:11	09/28/22 15:30	1
Nitrobenzene	ND		5.2	0.30	ug/L		09/27/22 08:11	09/28/22 15:30	1
Pentachlorophenol	ND		10	2.3	ug/L		09/27/22 08:11	09/28/22 15:30	1
Phenanthrene	ND	F2	5.2	0.46	ug/L		09/27/22 08:11	09/28/22 15:30	1
Phenol	ND		5.2	0.41	ug/L		09/27/22 08:11	09/28/22 15:30	1
Pyrene	ND		5.2	0.35	ug/L		09/27/22 08:11	09/28/22 15:30	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclohexane	*6.5*	*T J N*	*ug/L*		*2.44*	*110-82-7*	*09/27/22 08:11*	*09/28/22 15:30*	*1*
Unknown	*430*	*T J*	*ug/L*		*2.71*		*09/27/22 08:11*	*09/28/22 15:30*	*1*
Unknown	*2.4*	*T J*	*ug/L*		*3.90*		*09/27/22 08:11*	*09/28/22 15:30*	*1*
Unknown	*23*	*T J*	*ug/L*		*4.74*		*09/27/22 08:11*	*09/28/22 15:30*	*1*
Unknown	*1.8*	*T J*	*ug/L*		*6.80*		*09/27/22 08:11*	*09/28/22 15:30*	*1*
Tricosane	*1.9*	*T J N*	*ug/L*		*11.48*	*638-67-5*	*09/27/22 08:11*	*09/28/22 15:30*	*1*

Client Sample ID: MW-5
Date Collected: 09/20/22 12:10
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-3
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tetradecane, 4-ethyl-	4.2	T J N	ug/L		11.84	55045-14-2	09/27/22 08:11	09/28/22 15:30	1
Docosane, 9-butyl-	5.8	T J N	ug/L		12.23	55282-14-9	09/27/22 08:11	09/28/22 15:30	1
Docosane	7.9	T J N	ug/L		12.64	629-97-0	09/27/22 08:11	09/28/22 15:30	1
Triacontane	7.4	T J N	ug/L		13.08	638-68-6	09/27/22 08:11	09/28/22 15:30	1
Eicosane	4.7	T J N	ug/L		13.55	112-95-8	09/27/22 08:11	09/28/22 15:30	1
Heneicosane	3.2	T J N	ug/L		14.04	629-94-7	09/27/22 08:11	09/28/22 15:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	78		41 - 120	09/27/22 08:11	09/28/22 15:30	1
2-Fluorobiphenyl	96		48 - 120	09/27/22 08:11	09/28/22 15:30	1
2-Fluorophenol	68		35 - 120	09/27/22 08:11	09/28/22 15:30	1
Nitrobenzene-d5	80		46 - 120	09/27/22 08:11	09/28/22 15:30	1
p-Terphenyl-d14	73		60 - 148	09/27/22 08:11	09/28/22 15:30	1
Phenol-d5	53		22 - 120	09/27/22 08:11	09/28/22 15:30	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		09/27/22 15:49	09/28/22 10:49	1
4,4'-DDE	ND		0.050	0.012	ug/L		09/27/22 15:49	09/28/22 10:49	1
4,4'-DDT	ND		0.050	0.011	ug/L		09/27/22 15:49	09/28/22 10:49	1
Aldrin	ND		0.050	0.0081	ug/L		09/27/22 15:49	09/28/22 10:49	1
alpha-BHC	ND		0.050	0.0077	ug/L		09/27/22 15:49	09/28/22 10:49	1
cis-Chlordane	ND		0.050	0.015	ug/L		09/27/22 15:49	09/28/22 10:49	1
beta-BHC	ND		0.050	0.025	ug/L		09/27/22 15:49	09/28/22 10:49	1
delta-BHC	ND		0.050	0.010	ug/L		09/27/22 15:49	09/28/22 10:49	1
Dieldrin	ND		0.050	0.0098	ug/L		09/27/22 15:49	09/28/22 10:49	1
Endosulfan I	ND		0.050	0.011	ug/L		09/27/22 15:49	09/28/22 10:49	1
Endosulfan II	ND		0.050	0.012	ug/L		09/27/22 15:49	09/28/22 10:49	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		09/27/22 15:49	09/28/22 10:49	1
Endrin	ND		0.050	0.014	ug/L		09/27/22 15:49	09/28/22 10:49	1
Endrin aldehyde	ND		0.050	0.016	ug/L		09/27/22 15:49	09/28/22 10:49	1
Endrin ketone	ND		0.050	0.012	ug/L		09/27/22 15:49	09/28/22 10:49	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		09/27/22 15:49	09/28/22 10:49	1
trans-Chlordane	ND		0.050	0.011	ug/L		09/27/22 15:49	09/28/22 10:49	1
Heptachlor	ND		0.050	0.0085	ug/L		09/27/22 15:49	09/28/22 10:49	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		09/27/22 15:49	09/28/22 10:49	1
Methoxychlor	ND		0.050	0.014	ug/L		09/27/22 15:49	09/28/22 10:49	1
Toxaphene	ND		0.50	0.12	ug/L		09/27/22 15:49	09/28/22 10:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	51		20 - 120	09/27/22 15:49	09/28/22 10:49	1
DCB Decachlorobiphenyl	59		20 - 120	09/27/22 15:49	09/28/22 10:49	1
Tetrachloro-m-xylene	54		44 - 120	09/27/22 15:49	09/28/22 10:49	1
Tetrachloro-m-xylene	40	S1-	44 - 120	09/27/22 15:49	09/28/22 10:49	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.57	0.20	ug/L		09/24/22 09:31	09/25/22 15:27	1
PCB-1221	ND		0.57	0.20	ug/L		09/24/22 09:31	09/25/22 15:27	1
PCB-1232	ND		0.57	0.20	ug/L		09/24/22 09:31	09/25/22 15:27	1

Client Sample ID: MW-5
Date Collected: 09/20/22 12:10
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-3
Matrix: Water

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1242	ND		0.57	0.20	ug/L		09/24/22 09:31	09/25/22 15:27	1
PCB-1248	ND		0.57	0.20	ug/L		09/24/22 09:31	09/25/22 15:27	1
PCB-1254	ND		0.57	0.28	ug/L		09/24/22 09:31	09/25/22 15:27	1
PCB-1260	ND		0.57	0.28	ug/L		09/24/22 09:31	09/25/22 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*72*		*19 - 120*	*09/24/22 09:31*	*09/25/22 15:27*	*1*
DCB Decachlorobiphenyl	*85*		*19 - 120*	*09/24/22 09:31*	*09/25/22 15:27*	*1*
Tetrachloro-m-xylene	*69*		*39 - 121*	*09/24/22 09:31*	*09/25/22 15:27*	*1*
Tetrachloro-m-xylene	*67*		*39 - 121*	*09/24/22 09:31*	*09/25/22 15:27*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		0.50	0.068	ug/L		09/22/22 09:11	09/26/22 12:57	1
Silvex (2,4,5-TP)	ND		0.50	0.050	ug/L		09/22/22 09:11	09/26/22 12:57	1
2,4-D	ND		0.50	0.17	ug/L		09/22/22 09:11	09/26/22 12:57	1
Dichlorprop	ND		0.50	0.12	ug/L		09/22/22 09:11	09/26/22 12:57	1
Dinoseb	ND		0.50	0.14	ug/L		09/22/22 09:11	09/26/22 12:57	1
Pentachlorophenol	ND	F1	0.50	0.049	ug/L		09/22/22 09:11	09/26/22 12:57	1
Picloram	ND		0.50	0.072	ug/L		09/22/22 09:11	09/26/22 12:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*112*		*48 - 132*	*09/22/22 09:11*	*09/26/22 12:57*	*1*
2,4-Dichlorophenylacetic acid	*99*		*48 - 132*	*09/22/22 09:11*	*09/26/22 12:57*	*1*

Method: EPA 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**2.3**		1.8	0.80	ng/L		09/29/22 08:11	10/06/22 13:03	1
Perfluoroheptanoic acid	**2.2**		1.8	0.44	ng/L		09/29/22 08:11	10/06/22 13:03	1
Perfluorooctanoic acid	**15**		1.8	0.44	ng/L		09/29/22 08:11	10/06/22 13:03	1
Perfluorononanoic acid	ND		1.8	0.44	ng/L		09/29/22 08:11	10/06/22 13:03	1
Perfluorodecanoic acid	ND		1.8	0.44	ng/L		09/29/22 08:11	10/06/22 13:03	1
Perfluorotridecanoic acid	ND		1.8	0.44	ng/L		09/29/22 08:11	10/06/22 13:03	1
Perfluorotetradecanoic acid	ND		1.8	0.44	ng/L		09/29/22 08:11	10/06/22 13:03	1
Perfluorobutanesulfonic acid	**7.2**	I	1.8	0.44	ng/L		09/29/22 08:11	10/06/22 13:03	1
Perfluorohexanesulfonic acid	**3.6**		1.8	0.44	ng/L		09/29/22 08:11	10/06/22 13:03	1
Perfluorooctanesulfonic acid	ND		1.8	0.89	ng/L		09/29/22 08:11	10/06/22 13:03	1
NEtFOSAA	ND		2.7	0.44	ng/L		09/29/22 08:11	10/06/22 13:03	1
NMeFOSAA	ND		1.8	0.53	ng/L		09/29/22 08:11	10/06/22 13:03	1
Perfluoroheptanesulfonic acid	ND		1.8	0.44	ng/L		09/29/22 08:11	10/06/22 13:03	1
Perfluorodecanesulfonic acid	ND		1.8	0.44	ng/L		09/29/22 08:11	10/06/22 13:03	1
Perfluorooctanesulfonamide	ND		1.8	0.62	ng/L		09/29/22 08:11	10/06/22 13:03	1
Perfluorobutanoic acid	**11**		4.4	1.8	ng/L		09/29/22 08:11	10/06/22 13:03	1
Perfluoroundecanoic acid	ND		1.8	0.44	ng/L		09/29/22 08:11	10/06/22 13:03	1
Perfluorododecanoic acid	ND		1.8	0.44	ng/L		09/29/22 08:11	10/06/22 13:03	1
6:2 Fluorotelomer sulfonic acid	ND		4.4	3.7	ng/L		09/29/22 08:11	10/06/22 13:03	1
8:2 Fluorotelomer sulfonic acid	ND		2.7	0.89	ng/L		09/29/22 08:11	10/06/22 13:03	1
Perfluoropentanoic acid	**4.2**		1.8	0.44	ng/L		09/29/22 08:11	10/06/22 13:03	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-8:2 FTS	*141*		*33 - 200*	*09/29/22 08:11*	*10/06/22 13:03*	*1*

Client Sample ID: MW-5

Date Collected: 09/20/22 12:10
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-3

Matrix: Water

Method: EPA 537 IDA - EPA 537 Isotope Dilution (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-6:2 FTS	232	*5+	17 - 200	09/29/22 08:11	10/06/22 13:03	1
13C5 PFHxA	68		24 - 179	09/29/22 08:11	10/06/22 13:03	1
13C4 PFHpA	77		31 - 182	09/29/22 08:11	10/06/22 13:03	1
13C8 PFOA	91		48 - 162	09/29/22 08:11	10/06/22 13:03	1
13C9 PFNA	78		51 - 167	09/29/22 08:11	10/06/22 13:03	1
13C6 PFDA	85		49 - 163	09/29/22 08:11	10/06/22 13:03	1
13C7 PFUnA	90		34 - 174	09/29/22 08:11	10/06/22 13:03	1
13C2-PFDoDA	86		17 - 176	09/29/22 08:11	10/06/22 13:03	1
13C2 PFTeDA	84		10 - 179	09/29/22 08:11	10/06/22 13:03	1
13C3 PFBS	186		16 - 200	09/29/22 08:11	10/06/22 13:03	1
13C3 PFHxS	119		28 - 188	09/29/22 08:11	10/06/22 13:03	1
13C8 PFOS	90		51 - 159	09/29/22 08:11	10/06/22 13:03	1
d3-NMeFOSAA	72		31 - 174	09/29/22 08:11	10/06/22 13:03	1
d5-NEtFOSAA	80		29 - 195	09/29/22 08:11	10/06/22 13:03	1
13C8 FOSA	67		10 - 168	09/29/22 08:11	10/06/22 13:03	1
13C4 PFBA	97		42 - 165	09/29/22 08:11	10/06/22 13:03	1
13C5 PFPeA	104		38 - 187	09/29/22 08:11	10/06/22 13:03	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/22/22 09:19	09/22/22 18:08	1
Antimony	ND		0.020	0.0068	mg/L		09/22/22 09:19	09/22/22 18:08	1
Arsenic	ND		0.015	0.0056	mg/L		09/22/22 09:19	09/22/22 18:08	1
Barium	0.061		0.0020	0.00070	mg/L		09/22/22 09:19	09/22/22 18:08	1
Beryllium	ND		0.0020	0.00030	mg/L		09/22/22 09:19	09/22/22 18:08	1
Cadmium	0.00051	J	0.0020	0.00050	mg/L		09/22/22 09:19	09/22/22 18:08	1
Calcium	169		0.50	0.10	mg/L		09/22/22 09:19	09/22/22 18:08	1
Chromium	ND		0.0040	0.0010	mg/L		09/22/22 09:19	09/22/22 18:08	1
Cobalt	0.0017	J	0.0040	0.00063	mg/L		09/22/22 09:19	09/22/22 18:08	1
Copper	0.0034	J	0.010	0.0016	mg/L		09/22/22 09:19	09/22/22 18:08	1
Iron	0.21		0.050	0.019	mg/L		09/22/22 09:19	09/22/22 18:08	1
Lead	0.0037	J	0.010	0.0030	mg/L		09/22/22 09:19	09/22/22 18:08	1
Magnesium	51.2		0.20	0.043	mg/L		09/22/22 09:19	09/22/22 18:08	1
Manganese	4.6		0.0030	0.00040	mg/L		09/22/22 09:19	09/22/22 18:08	1
Nickel	0.0062	J	0.010	0.0013	mg/L		09/22/22 09:19	09/22/22 18:08	1
Potassium	0.72		0.50	0.10	mg/L		09/22/22 09:19	09/22/22 18:08	1
Selenium	ND		0.025	0.0087	mg/L		09/22/22 09:19	09/22/22 18:08	1
Silver	ND		0.0060	0.0017	mg/L		09/22/22 09:19	09/22/22 18:08	1
Sodium	134		1.0	0.32	mg/L		09/22/22 09:19	09/22/22 18:08	1
Thallium	ND		0.020	0.010	mg/L		09/22/22 09:19	09/22/22 18:08	1
Vanadium	ND		0.0050	0.0015	mg/L		09/22/22 09:19	09/22/22 18:08	1
Zinc	ND		0.010	0.0015	mg/L		09/22/22 09:19	09/22/22 18:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		09/21/22 11:30	09/21/22 16:42	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201794-1

Client Sample ID: DUP-1
Date Collected: 09/20/22 12:40
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-4
Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			09/23/22 02:19	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			09/23/22 02:19	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			09/23/22 02:19	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			09/23/22 02:19	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			09/23/22 02:19	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			09/23/22 02:19	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			09/23/22 02:19	2
1,2,4-Trimethylbenzene	ND		2.0	1.5	ug/L			09/23/22 02:19	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			09/23/22 02:19	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			09/23/22 02:19	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			09/23/22 02:19	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			09/23/22 02:19	2
1,3,5-Trimethylbenzene	ND		2.0	1.5	ug/L			09/23/22 02:19	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			09/23/22 02:19	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			09/23/22 02:19	2
2-Butanone (MEK)	ND		20	2.6	ug/L			09/23/22 02:19	2
2-Hexanone	ND		10	2.5	ug/L			09/23/22 02:19	2
4-Isopropyltoluene	ND		2.0	0.62	ug/L			09/23/22 02:19	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			09/23/22 02:19	2
Acetone	ND		20	6.0	ug/L			09/23/22 02:19	2
Benzene	ND		2.0	0.82	ug/L			09/23/22 02:19	2
Bromoform	ND		2.0	0.52	ug/L			09/23/22 02:19	2
Bromomethane	ND		2.0	1.4	ug/L			09/23/22 02:19	2
Carbon disulfide	ND		2.0	0.38	ug/L			09/23/22 02:19	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			09/23/22 02:19	2
Chlorobenzene	ND		2.0	1.5	ug/L			09/23/22 02:19	2
Dibromochloromethane	ND		2.0	0.64	ug/L			09/23/22 02:19	2
Chloroethane	ND	*-	2.0	0.64	ug/L			09/23/22 02:19	2
Chloroform	ND		2.0	0.68	ug/L			09/23/22 02:19	2
Chloromethane	ND		2.0	0.70	ug/L			09/23/22 02:19	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			09/23/22 02:19	2
Cyclohexane	ND		2.0	0.36	ug/L			09/23/22 02:19	2
Bromodichloromethane	ND		2.0	0.78	ug/L			09/23/22 02:19	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			09/23/22 02:19	2
Ethylbenzene	ND		2.0	1.5	ug/L			09/23/22 02:19	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			09/23/22 02:19	2
Isopropylbenzene	ND		2.0	1.6	ug/L			09/23/22 02:19	2
Methyl acetate	ND		5.0	2.6	ug/L			09/23/22 02:19	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			09/23/22 02:19	2
Methylcyclohexane	ND		2.0	0.32	ug/L			09/23/22 02:19	2
Methylene Chloride	ND		2.0	0.88	ug/L			09/23/22 02:19	2
m,p-Xylene	ND		4.0	1.3	ug/L			09/23/22 02:19	2
Naphthalene	ND		2.0	0.86	ug/L			09/23/22 02:19	2
n-Butylbenzene	ND		2.0	1.3	ug/L			09/23/22 02:19	2
N-Propylbenzene	ND		2.0	1.4	ug/L			09/23/22 02:19	2
o-Xylene	ND		2.0	1.5	ug/L			09/23/22 02:19	2
sec-Butylbenzene	ND		2.0	1.5	ug/L			09/23/22 02:19	2
Tetrachloroethene	ND		2.0	0.72	ug/L			09/23/22 02:19	2
Toluene	ND		2.0	1.0	ug/L			09/23/22 02:19	2

Client Sample ID: DUP-1

Date Collected: 09/20/22 12:40
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-4

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			09/23/22 02:19	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			09/23/22 02:19	2
Trichloroethene	ND		2.0	0.92	ug/L			09/23/22 02:19	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			09/23/22 02:19	2
Vinyl chloride	ND		2.0	1.8	ug/L			09/23/22 02:19	2
Xylenes, Total	ND		4.0	1.3	ug/L			09/23/22 02:19	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			09/23/22 02:19	2
Styrene	ND		2.0	1.5	ug/L			09/23/22 02:19	2
tert-Butylbenzene	ND		2.0	1.6	ug/L			09/23/22 02:19	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/23/22 02:19*	*2*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*77 - 120*		*09/23/22 02:19*	*2*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*09/23/22 02:19*	*2*
Toluene-d8 (Surr)	*91*		*80 - 120*		*09/23/22 02:19*	*2*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*09/23/22 02:19*	*2*

Method: SW846 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20	0.10	ug/L		09/22/22 17:11	09/26/22 15:38	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*24*		*15 - 110*	*09/22/22 17:11*	*09/26/22 15:38*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/27/22 08:11	09/28/22 20:33	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/27/22 08:11	09/28/22 20:33	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/27/22 08:11	09/28/22 20:33	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/27/22 08:11	09/28/22 20:33	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/27/22 08:11	09/28/22 20:33	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/27/22 08:11	09/28/22 20:33	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/27/22 08:11	09/28/22 20:33	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/27/22 08:11	09/28/22 20:33	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/27/22 08:11	09/28/22 20:33	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/27/22 08:11	09/28/22 20:33	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/27/22 08:11	09/28/22 20:33	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/27/22 08:11	09/28/22 20:33	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/27/22 08:11	09/28/22 20:33	1
2-Nitroaniline	ND		10	0.42	ug/L		09/27/22 08:11	09/28/22 20:33	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/27/22 08:11	09/28/22 20:33	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/27/22 08:11	09/28/22 20:33	1
3-Nitroaniline	ND		10	0.48	ug/L		09/27/22 08:11	09/28/22 20:33	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/27/22 08:11	09/28/22 20:33	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/27/22 08:11	09/28/22 20:33	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/27/22 08:11	09/28/22 20:33	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/27/22 08:11	09/28/22 20:33	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/27/22 08:11	09/28/22 20:33	1
4-Methylphenol	ND		10	0.36	ug/L		09/27/22 08:11	09/28/22 20:33	1

Client Sample ID: DUP-1
Date Collected: 09/20/22 12:40
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-4
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND	*+	10	0.25	ug/L		09/27/22 08:11	09/28/22 20:33	1
4-Nitrophenol	ND		10	1.5	ug/L		09/27/22 08:11	09/28/22 20:33	1
Acenaphthene	ND		5.0	0.41	ug/L		09/27/22 08:11	09/28/22 20:33	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/27/22 08:11	09/28/22 20:33	1
Acetophenone	ND		5.0	0.54	ug/L		09/27/22 08:11	09/28/22 20:33	1
Anthracene	ND		5.0	0.28	ug/L		09/27/22 08:11	09/28/22 20:33	1
Atrazine	ND		5.0	0.46	ug/L		09/27/22 08:11	09/28/22 20:33	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/27/22 08:11	09/28/22 20:33	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/27/22 08:11	09/28/22 20:33	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/27/22 08:11	09/28/22 20:33	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/27/22 08:11	09/28/22 20:33	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/27/22 08:11	09/28/22 20:33	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/27/22 08:11	09/28/22 20:33	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/27/22 08:11	09/28/22 20:33	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/27/22 08:11	09/28/22 20:33	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/27/22 08:11	09/28/22 20:33	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/27/22 08:11	09/28/22 20:33	1
Caprolactam	ND		5.0	2.2	ug/L		09/27/22 08:11	09/28/22 20:33	1
Carbazole	ND	*+	5.0	0.30	ug/L		09/27/22 08:11	09/28/22 20:33	1
Chrysene	ND		5.0	0.33	ug/L		09/27/22 08:11	09/28/22 20:33	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/27/22 08:11	09/28/22 20:33	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/27/22 08:11	09/28/22 20:33	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/27/22 08:11	09/28/22 20:33	1
Dibenzofuran	ND		10	0.51	ug/L		09/27/22 08:11	09/28/22 20:33	1
Diethyl phthalate	**9.0**	**B**	5.0	0.22	ug/L		09/27/22 08:11	09/28/22 20:33	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/27/22 08:11	09/28/22 20:33	1
Fluoranthene	ND		5.0	0.40	ug/L		09/27/22 08:11	09/28/22 20:33	1
Fluorene	ND		5.0	0.36	ug/L		09/27/22 08:11	09/28/22 20:33	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/27/22 08:11	09/28/22 20:33	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/27/22 08:11	09/28/22 20:33	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/27/22 08:11	09/28/22 20:33	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/27/22 08:11	09/28/22 20:33	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/27/22 08:11	09/28/22 20:33	1
Isophorone	ND		5.0	0.43	ug/L		09/27/22 08:11	09/28/22 20:33	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/27/22 08:11	09/28/22 20:33	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/27/22 08:11	09/28/22 20:33	1
Naphthalene	ND		5.0	0.76	ug/L		09/27/22 08:11	09/28/22 20:33	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/27/22 08:11	09/28/22 20:33	1
Pentachlorophenol	ND		10	2.2	ug/L		09/27/22 08:11	09/28/22 20:33	1
Phenanthrene	ND		5.0	0.44	ug/L		09/27/22 08:11	09/28/22 20:33	1
Phenol	ND		5.0	0.39	ug/L		09/27/22 08:11	09/28/22 20:33	1
Pyrene	ND		5.0	0.34	ug/L		09/27/22 08:11	09/28/22 20:33	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*4.7*	*T J*	*ug/L*		*2.46*		*09/27/22 08:11*	*09/28/22 20:33*	*1*
Unknown	*450*	*T J*	*ug/L*		*2.71*		*09/27/22 08:11*	*09/28/22 20:33*	*1*
Unknown	*2.6*	*T J*	*ug/L*		*3.90*		*09/27/22 08:11*	*09/28/22 20:33*	*1*
Unknown	*22*	*T J*	*ug/L*		*4.74*		*09/27/22 08:11*	*09/28/22 20:33*	*1*
Column Bleed	*2.2*	*T J*	*ug/L*		*6.80*		*09/27/22 08:11*	*09/28/22 20:33*	*1*
Eicosane	*2.3*	*T J N*	*ug/L*		*11.84*	*112-95-8*	*09/27/22 08:11*	*09/28/22 20:33*	*1*

Client Sample ID: DUP-1
Date Collected: 09/20/22 12:40
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-4
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Hexadecane	3.0	T J N	ug/L		12.23	544-76-3	09/27/22 08:11	09/28/22 20:33	1
Tricosane	4.2	T J N	ug/L		12.64	638-67-5	09/27/22 08:11	09/28/22 20:33	1
Heptacosane	3.9	T J N	ug/L		13.08	593-49-7	09/27/22 08:11	09/28/22 20:33	1
Octadecane	3.3	T J N	ug/L		13.55	593-45-3	09/27/22 08:11	09/28/22 20:33	1
Heptadecane, 2,6,10,15-tetramethyl-	1.7	T J N	ug/L		14.05	54833-48-6	09/27/22 08:11	09/28/22 20:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	88		41 - 120	09/27/22 08:11	09/28/22 20:33	1
2-Fluorobiphenyl	98		48 - 120	09/27/22 08:11	09/28/22 20:33	1
2-Fluorophenol	71		35 - 120	09/27/22 08:11	09/28/22 20:33	1
Nitrobenzene-d5	87		46 - 120	09/27/22 08:11	09/28/22 20:33	1
p-Terphenyl-d14	73		60 - 148	09/27/22 08:11	09/28/22 20:33	1
Phenol-d5	53		22 - 120	09/27/22 08:11	09/28/22 20:33	1

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		09/27/22 15:49	09/28/22 12:27	1
4,4'-DDE	ND		0.050	0.012	ug/L		09/27/22 15:49	09/28/22 12:27	1
4,4'-DDT	ND		0.050	0.011	ug/L		09/27/22 15:49	09/28/22 12:27	1
Aldrin	ND		0.050	0.0081	ug/L		09/27/22 15:49	09/28/22 12:27	1
alpha-BHC	ND		0.050	0.0077	ug/L		09/27/22 15:49	09/28/22 12:27	1
cis-Chlordane	ND		0.050	0.015	ug/L		09/27/22 15:49	09/28/22 12:27	1
beta-BHC	ND		0.050	0.025	ug/L		09/27/22 15:49	09/28/22 12:27	1
delta-BHC	ND		0.050	0.010	ug/L		09/27/22 15:49	09/28/22 12:27	1
Dieldrin	ND		0.050	0.0098	ug/L		09/27/22 15:49	09/28/22 12:27	1
Endosulfan I	ND		0.050	0.011	ug/L		09/27/22 15:49	09/28/22 12:27	1
Endosulfan II	ND		0.050	0.012	ug/L		09/27/22 15:49	09/28/22 12:27	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		09/27/22 15:49	09/28/22 12:27	1
Endrin	ND		0.050	0.014	ug/L		09/27/22 15:49	09/28/22 12:27	1
Endrin aldehyde	ND		0.050	0.016	ug/L		09/27/22 15:49	09/28/22 12:27	1
Endrin ketone	ND		0.050	0.012	ug/L		09/27/22 15:49	09/28/22 12:27	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		09/27/22 15:49	09/28/22 12:27	1
trans-Chlordane	ND		0.050	0.011	ug/L		09/27/22 15:49	09/28/22 12:27	1
Heptachlor	ND		0.050	0.0085	ug/L		09/27/22 15:49	09/28/22 12:27	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		09/27/22 15:49	09/28/22 12:27	1
Methoxychlor	ND		0.050	0.014	ug/L		09/27/22 15:49	09/28/22 12:27	1
Toxaphene	ND		0.50	0.12	ug/L		09/27/22 15:49	09/28/22 12:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	56		20 - 120	09/27/22 15:49	09/28/22 12:27	1
DCB Decachlorobiphenyl	63		20 - 120	09/27/22 15:49	09/28/22 12:27	1
Tetrachloro-m-xylene	81		44 - 120	09/27/22 15:49	09/28/22 12:27	1
Tetrachloro-m-xylene	60		44 - 120	09/27/22 15:49	09/28/22 12:27	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/24/22 09:31	09/25/22 17:14	1
PCB-1221	ND		0.50	0.18	ug/L		09/24/22 09:31	09/25/22 17:14	1
PCB-1232	ND		0.50	0.18	ug/L		09/24/22 09:31	09/25/22 17:14	1
PCB-1242	ND		0.50	0.18	ug/L		09/24/22 09:31	09/25/22 17:14	1

Client Sample ID: DUP-1
Date Collected: 09/20/22 12:40
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-4
Matrix: Water

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	ND		0.50	0.18	ug/L		09/24/22 09:31	09/25/22 17:14	1
PCB-1254	ND		0.50	0.25	ug/L		09/24/22 09:31	09/25/22 17:14	1
PCB-1260	ND		0.50	0.25	ug/L		09/24/22 09:31	09/25/22 17:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*66*		*19 - 120*	*09/24/22 09:31*	*09/25/22 17:14*	*1*
DCB Decachlorobiphenyl	*83*		*19 - 120*	*09/24/22 09:31*	*09/25/22 17:14*	*1*
Tetrachloro-m-xylene	*62*		*39 - 121*	*09/24/22 09:31*	*09/25/22 17:14*	*1*
Tetrachloro-m-xylene	*64*		*39 - 121*	*09/24/22 09:31*	*09/25/22 17:14*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		0.48	0.065	ug/L		09/22/22 09:11	09/26/22 13:52	1
Silvex (2,4,5-TP)	ND		0.48	0.048	ug/L		09/22/22 09:11	09/26/22 13:52	1
2,4-D	ND		0.48	0.16	ug/L		09/22/22 09:11	09/26/22 13:52	1
Dichlorprop	ND		0.48	0.11	ug/L		09/22/22 09:11	09/26/22 13:52	1
Dinoseb	ND		0.48	0.13	ug/L		09/22/22 09:11	09/26/22 13:52	1
Pentachlorophenol	ND		0.48	0.047	ug/L		09/22/22 09:11	09/26/22 13:52	1
Picloram	ND		0.48	0.069	ug/L		09/22/22 09:11	09/26/22 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*95*		*48 - 132*	*09/22/22 09:11*	*09/26/22 13:52*	*1*
2,4-Dichlorophenylacetic acid	*83*		*48 - 132*	*09/22/22 09:11*	*09/26/22 13:52*	*1*

Method: EPA 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**2.1**		1.8	0.83	ng/L		09/29/22 08:11	10/06/22 13:47	1
Perfluoroheptanoic acid	**2.0**		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 13:47	1
Perfluorooctanoic acid	**15**		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 13:47	1
Perfluorononanoic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 13:47	1
Perfluorodecanoic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 13:47	1
Perfluorotridecanoic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 13:47	1
Perfluorotetradecanoic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 13:47	1
Perfluorobutanesulfonic acid	**6.8**	I	1.8	0.46	ng/L		09/29/22 08:11	10/06/22 13:47	1
Perfluorohexanesulfonic acid	**3.1**		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 13:47	1
Perfluorooctanesulfonic acid	ND		1.8	0.92	ng/L		09/29/22 08:11	10/06/22 13:47	1
NEtFOSAA	ND		2.8	0.46	ng/L		09/29/22 08:11	10/06/22 13:47	1
NMeFOSAA	ND		1.8	0.55	ng/L		09/29/22 08:11	10/06/22 13:47	1
Perfluoroheptanesulfonic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 13:47	1
Perfluorodecanesulfonic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 13:47	1
Perfluorooctanesulfonamide	ND		1.8	0.65	ng/L		09/29/22 08:11	10/06/22 13:47	1
Perfluorobutanoic acid	**12**		4.6	1.8	ng/L		09/29/22 08:11	10/06/22 13:47	1
Perfluoroundecanoic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 13:47	1
Perfluorododecanoic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 13:47	1
6:2 Fluorotelomer sulfonic acid	ND		4.6	3.9	ng/L		09/29/22 08:11	10/06/22 13:47	1
8:2 Fluorotelomer sulfonic acid	ND		2.8	0.92	ng/L		09/29/22 08:11	10/06/22 13:47	1
Perfluoropentanoic acid	**2.9**		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 13:47	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-8:2 FTS	*151*		*33 - 200*	*09/29/22 08:11*	*10/06/22 13:47*	*1*
M2-6:2 FTS	*258*	*5+	*17 - 200*	*09/29/22 08:11*	*10/06/22 13:47*	*1*

Client Sample ID: DUP-1
Date Collected: 09/20/22 12:40
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-4
Matrix: Water

Method: EPA 537 IDA - EPA 537 Isotope Dilution (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C5 PFHxA	73		24 - 179	09/29/22 08:11	10/06/22 13:47	1
13C4 PFHpA	81		31 - 182	09/29/22 08:11	10/06/22 13:47	1
13C8 PFOA	97		48 - 162	09/29/22 08:11	10/06/22 13:47	1
13C9 PFNA	80		51 - 167	09/29/22 08:11	10/06/22 13:47	1
13C6 PFDA	92		49 - 163	09/29/22 08:11	10/06/22 13:47	1
13C7 PFUnA	98		34 - 174	09/29/22 08:11	10/06/22 13:47	1
13C2-PFDoDA	94		17 - 176	09/29/22 08:11	10/06/22 13:47	1
13C2 PFTeDA	90		10 - 179	09/29/22 08:11	10/06/22 13:47	1
13C3 PFBS	204	*5+	16 - 200	09/29/22 08:11	10/06/22 13:47	1
13C3 PFHxS	129		28 - 188	09/29/22 08:11	10/06/22 13:47	1
13C8 PFOS	100		51 - 159	09/29/22 08:11	10/06/22 13:47	1
d3-NMeFOSAA	86		31 - 174	09/29/22 08:11	10/06/22 13:47	1
d5-NEtFOSAA	89		29 - 195	09/29/22 08:11	10/06/22 13:47	1
13C8 FOSA	88		10 - 168	09/29/22 08:11	10/06/22 13:47	1
13C4 PFBA	105		42 - 165	09/29/22 08:11	10/06/22 13:47	1
13C5 PFPeA	112		38 - 187	09/29/22 08:11	10/06/22 13:47	1

Method: EPA 537 IDA - EPA 537 Isotope Dilution - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	2.1		1.8	0.83	ng/L		09/29/22 08:11	10/07/22 11:10	1
Perfluoroheptanoic acid	2.2		1.8	0.46	ng/L		09/29/22 08:11	10/07/22 11:10	1
Perfluorooctanoic acid	15		1.8	0.46	ng/L		09/29/22 08:11	10/07/22 11:10	1
Perfluorononanoic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/07/22 11:10	1
Perfluorodecanoic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/07/22 11:10	1
Perfluorotridecanoic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/07/22 11:10	1
Perfluorotetradecanoic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/07/22 11:10	1
Perfluorobutanesulfonic acid	7.3	I	1.8	0.46	ng/L		09/29/22 08:11	10/07/22 11:10	1
Perfluorohexanesulfonic acid	3.2		1.8	0.46	ng/L		09/29/22 08:11	10/07/22 11:10	1
Perfluorooctanesulfonic acid	ND		1.8	0.92	ng/L		09/29/22 08:11	10/07/22 11:10	1
NEtFOSAA	ND		2.8	0.46	ng/L		09/29/22 08:11	10/07/22 11:10	1
NMeFOSAA	ND		1.8	0.55	ng/L		09/29/22 08:11	10/07/22 11:10	1
Perfluoroheptanesulfonic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/07/22 11:10	1
Perfluorodecanesulfonic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/07/22 11:10	1
Perfluorooctanesulfonamide	ND		1.8	0.65	ng/L		09/29/22 08:11	10/07/22 11:10	1
Perfluorobutanoic acid	12		4.6	1.8	ng/L		09/29/22 08:11	10/07/22 11:10	1
Perfluoroundecanoic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/07/22 11:10	1
Perfluorododecanoic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/07/22 11:10	1
6:2 Fluorotelomer sulfonic acid	ND		4.6	3.9	ng/L		09/29/22 08:11	10/07/22 11:10	1
8:2 Fluorotelomer sulfonic acid	ND		2.8	0.92	ng/L		09/29/22 08:11	10/07/22 11:10	1
Perfluoropentanoic acid	3.6		1.8	0.46	ng/L		09/29/22 08:11	10/07/22 11:10	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-8:2 FTS	144		33 - 200	09/29/22 08:11	10/07/22 11:10	1
M2-6:2 FTS	243	*5+	17 - 200	09/29/22 08:11	10/07/22 11:10	1
13C5 PFHxA	72		24 - 179	09/29/22 08:11	10/07/22 11:10	1
13C4 PFHpA	81		31 - 182	09/29/22 08:11	10/07/22 11:10	1
13C8 PFOA	95		48 - 162	09/29/22 08:11	10/07/22 11:10	1
13C9 PFNA	84		51 - 167	09/29/22 08:11	10/07/22 11:10	1
13C6 PFDA	92		49 - 163	09/29/22 08:11	10/07/22 11:10	1
13C7 PFUnA	89		34 - 174	09/29/22 08:11	10/07/22 11:10	1

Client Sample ID: DUP-1

Date Collected: 09/20/22 12:40
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-4

Matrix: Water

Method: EPA 537 IDA - EPA 537 Isotope Dilution - RA (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2-PFDoDA	90		17 - 176	09/29/22 08:11	10/07/22 11:10	1
13C2 PFTeDA	86		10 - 179	09/29/22 08:11	10/07/22 11:10	1
13C3 PFBS	197		16 - 200	09/29/22 08:11	10/07/22 11:10	1
13C3 PFHxS	124		28 - 188	09/29/22 08:11	10/07/22 11:10	1
13C8 PFOS	102		51 - 159	09/29/22 08:11	10/07/22 11:10	1
d3-NMeFOSAA	82		31 - 174	09/29/22 08:11	10/07/22 11:10	1
d5-NEtFOSAA	89		29 - 195	09/29/22 08:11	10/07/22 11:10	1
13C8 FOSA	84		10 - 168	09/29/22 08:11	10/07/22 11:10	1
13C4 PFBA	103		42 - 165	09/29/22 08:11	10/07/22 11:10	1
13C5 PFPeA	112		38 - 187	09/29/22 08:11	10/07/22 11:10	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/22/22 09:19	09/22/22 18:38	1
Antimony	ND		0.020	0.0068	mg/L		09/22/22 09:19	09/22/22 18:38	1
Arsenic	ND		0.015	0.0056	mg/L		09/22/22 09:19	09/22/22 18:38	1
Barium	0.054		0.0020	0.00070	mg/L		09/22/22 09:19	09/22/22 18:38	1
Beryllium	ND		0.0020	0.00030	mg/L		09/22/22 09:19	09/22/22 18:38	1
Cadmium	0.00063	J	0.0020	0.00050	mg/L		09/22/22 09:19	09/22/22 18:38	1
Calcium	161		0.50	0.10	mg/L		09/22/22 09:19	09/22/22 18:38	1
Chromium	ND		0.0040	0.0010	mg/L		09/22/22 09:19	09/22/22 18:38	1
Cobalt	0.0019	J	0.0040	0.00063	mg/L		09/22/22 09:19	09/22/22 18:38	1
Copper	0.0028	J	0.010	0.0016	mg/L		09/22/22 09:19	09/22/22 18:38	1
Iron	0.26		0.050	0.019	mg/L		09/22/22 09:19	09/22/22 18:38	1
Lead	ND		0.010	0.0030	mg/L		09/22/22 09:19	09/22/22 18:38	1
Magnesium	49.0		0.20	0.043	mg/L		09/22/22 09:19	09/22/22 18:38	1
Manganese	4.5		0.0030	0.00040	mg/L		09/22/22 09:19	09/22/22 18:38	1
Nickel	0.0058	J	0.010	0.0013	mg/L		09/22/22 09:19	09/22/22 18:38	1
Potassium	0.74		0.50	0.10	mg/L		09/22/22 09:19	09/22/22 18:38	1
Selenium	ND		0.025	0.0087	mg/L		09/22/22 09:19	09/22/22 18:38	1
Silver	ND		0.0060	0.0017	mg/L		09/22/22 09:19	09/22/22 18:38	1
Sodium	125		1.0	0.32	mg/L		09/22/22 09:19	09/22/22 18:38	1
Thallium	ND		0.020	0.010	mg/L		09/22/22 09:19	09/22/22 18:38	1
Vanadium	ND		0.0050	0.0015	mg/L		09/22/22 09:19	09/22/22 18:38	1
Zinc	ND		0.010	0.0015	mg/L		09/22/22 09:19	09/22/22 18:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		09/21/22 11:30	09/21/22 16:50	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201794-1

Client Sample ID: MW-4
Date Collected: 09/20/22 13:50
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-5
Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			09/23/22 02:41	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			09/23/22 02:41	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			09/23/22 02:41	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			09/23/22 02:41	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			09/23/22 02:41	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			09/23/22 02:41	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			09/23/22 02:41	2
1,2,4-Trimethylbenzene	ND		2.0	1.5	ug/L			09/23/22 02:41	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			09/23/22 02:41	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			09/23/22 02:41	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			09/23/22 02:41	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			09/23/22 02:41	2
1,3,5-Trimethylbenzene	ND		2.0	1.5	ug/L			09/23/22 02:41	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			09/23/22 02:41	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			09/23/22 02:41	2
2-Butanone (MEK)	ND		20	2.6	ug/L			09/23/22 02:41	2
2-Hexanone	ND		10	2.5	ug/L			09/23/22 02:41	2
4-Isopropyltoluene	ND		2.0	0.62	ug/L			09/23/22 02:41	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			09/23/22 02:41	2
Acetone	ND		20	6.0	ug/L			09/23/22 02:41	2
Benzene	ND		2.0	0.82	ug/L			09/23/22 02:41	2
Bromoform	ND		2.0	0.52	ug/L			09/23/22 02:41	2
Bromomethane	ND		2.0	1.4	ug/L			09/23/22 02:41	2
Carbon disulfide	ND		2.0	0.38	ug/L			09/23/22 02:41	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			09/23/22 02:41	2
Chlorobenzene	ND		2.0	1.5	ug/L			09/23/22 02:41	2
Dibromochloromethane	ND		2.0	0.64	ug/L			09/23/22 02:41	2
Chloroethane	ND	*-	2.0	0.64	ug/L			09/23/22 02:41	2
Chloroform	ND		2.0	0.68	ug/L			09/23/22 02:41	2
Chloromethane	ND		2.0	0.70	ug/L			09/23/22 02:41	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			09/23/22 02:41	2
Cyclohexane	ND		2.0	0.36	ug/L			09/23/22 02:41	2
Bromodichloromethane	ND		2.0	0.78	ug/L			09/23/22 02:41	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			09/23/22 02:41	2
Ethylbenzene	ND		2.0	1.5	ug/L			09/23/22 02:41	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			09/23/22 02:41	2
Isopropylbenzene	ND		2.0	1.6	ug/L			09/23/22 02:41	2
Methyl acetate	ND		5.0	2.6	ug/L			09/23/22 02:41	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			09/23/22 02:41	2
Methylcyclohexane	ND		2.0	0.32	ug/L			09/23/22 02:41	2
Methylene Chloride	ND		2.0	0.88	ug/L			09/23/22 02:41	2
m,p-Xylene	ND		4.0	1.3	ug/L			09/23/22 02:41	2
Naphthalene	ND		2.0	0.86	ug/L			09/23/22 02:41	2
n-Butylbenzene	ND		2.0	1.3	ug/L			09/23/22 02:41	2
N-Propylbenzene	ND		2.0	1.4	ug/L			09/23/22 02:41	2
o-Xylene	ND		2.0	1.5	ug/L			09/23/22 02:41	2
sec-Butylbenzene	ND		2.0	1.5	ug/L			09/23/22 02:41	2
Tetrachloroethene	ND		2.0	0.72	ug/L			09/23/22 02:41	2
Toluene	ND		2.0	1.0	ug/L			09/23/22 02:41	2

Client Sample ID: MW-4
Date Collected: 09/20/22 13:50
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-5
Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			09/23/22 02:41	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			09/23/22 02:41	2
Trichloroethene	ND		2.0	0.92	ug/L			09/23/22 02:41	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			09/23/22 02:41	2
Vinyl chloride	ND		2.0	1.8	ug/L			09/23/22 02:41	2
Xylenes, Total	ND		4.0	1.3	ug/L			09/23/22 02:41	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			09/23/22 02:41	2
Styrene	ND		2.0	1.5	ug/L			09/23/22 02:41	2
tert-Butylbenzene	ND		2.0	1.6	ug/L			09/23/22 02:41	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/23/22 02:41*	*2*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*		*09/23/22 02:41*	*2*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*09/23/22 02:41*	*2*
Toluene-d8 (Surr)	*90*		*80 - 120*		*09/23/22 02:41*	*2*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*09/23/22 02:41*	*2*

Method: SW846 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20	0.10	ug/L		09/22/22 17:11	09/26/22 16:00	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*27*		*15 - 110*	*09/22/22 17:11*	*09/26/22 16:00*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.2	0.68	ug/L		09/27/22 08:11	09/28/22 21:00	1
bis (2-chloroisopropyl) ether	ND		5.2	0.54	ug/L		09/27/22 08:11	09/28/22 21:00	1
2,4,5-Trichlorophenol	ND		5.2	0.50	ug/L		09/27/22 08:11	09/28/22 21:00	1
2,4,6-Trichlorophenol	ND		5.2	0.64	ug/L		09/27/22 08:11	09/28/22 21:00	1
2,4-Dichlorophenol	ND		5.2	0.53	ug/L		09/27/22 08:11	09/28/22 21:00	1
2,4-Dimethylphenol	0.75	J	5.2	0.52	ug/L		09/27/22 08:11	09/28/22 21:00	1
2,4-Dinitrophenol	ND		10	2.3	ug/L		09/27/22 08:11	09/28/22 21:00	1
2,4-Dinitrotoluene	ND		5.2	0.47	ug/L		09/27/22 08:11	09/28/22 21:00	1
2,6-Dinitrotoluene	ND		5.2	0.42	ug/L		09/27/22 08:11	09/28/22 21:00	1
2-Chloronaphthalene	ND		5.2	0.48	ug/L		09/27/22 08:11	09/28/22 21:00	1
2-Chlorophenol	ND		5.2	0.55	ug/L		09/27/22 08:11	09/28/22 21:00	1
2-Methylnaphthalene	ND		5.2	0.63	ug/L		09/27/22 08:11	09/28/22 21:00	1
2-Methylphenol	ND		5.2	0.42	ug/L		09/27/22 08:11	09/28/22 21:00	1
2-Nitroaniline	ND		10	0.44	ug/L		09/27/22 08:11	09/28/22 21:00	1
2-Nitrophenol	ND		5.2	0.50	ug/L		09/27/22 08:11	09/28/22 21:00	1
3,3'-Dichlorobenzidine	ND		5.2	0.42	ug/L		09/27/22 08:11	09/28/22 21:00	1
3-Nitroaniline	ND		10	0.50	ug/L		09/27/22 08:11	09/28/22 21:00	1
4,6-Dinitro-2-methylphenol	ND		10	2.3	ug/L		09/27/22 08:11	09/28/22 21:00	1
4-Bromophenyl phenyl ether	ND		5.2	0.47	ug/L		09/27/22 08:11	09/28/22 21:00	1
4-Chloro-3-methylphenol	ND		5.2	0.47	ug/L		09/27/22 08:11	09/28/22 21:00	1
4-Chloroaniline	ND		5.2	0.61	ug/L		09/27/22 08:11	09/28/22 21:00	1
4-Chlorophenyl phenyl ether	ND		5.2	0.36	ug/L		09/27/22 08:11	09/28/22 21:00	1
4-Methylphenol	ND		10	0.38	ug/L		09/27/22 08:11	09/28/22 21:00	1

Client Sample ID: MW-4
Date Collected: 09/20/22 13:50
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-5
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND	*+	10	0.26	ug/L		09/27/22 08:11	09/28/22 21:00	1
4-Nitrophenol	ND		10	1.6	ug/L		09/27/22 08:11	09/28/22 21:00	1
Acenaphthene	0.53	J	5.2	0.43	ug/L		09/27/22 08:11	09/28/22 21:00	1
Acenaphthylene	ND		5.2	0.40	ug/L		09/27/22 08:11	09/28/22 21:00	1
Acetophenone	ND		5.2	0.56	ug/L		09/27/22 08:11	09/28/22 21:00	1
Anthracene	ND		5.2	0.29	ug/L		09/27/22 08:11	09/28/22 21:00	1
Atrazine	ND		5.2	0.48	ug/L		09/27/22 08:11	09/28/22 21:00	1
Benzaldehyde	ND		5.2	0.28	ug/L		09/27/22 08:11	09/28/22 21:00	1
Benzo(a)anthracene	ND		5.2	0.38	ug/L		09/27/22 08:11	09/28/22 21:00	1
Benzo(a)pyrene	ND		5.2	0.49	ug/L		09/27/22 08:11	09/28/22 21:00	1
Benzo(b)fluoranthene	ND		5.2	0.35	ug/L		09/27/22 08:11	09/28/22 21:00	1
Benzo(g,h,i)perylene	ND		5.2	0.36	ug/L		09/27/22 08:11	09/28/22 21:00	1
Benzo(k)fluoranthene	ND		5.2	0.76	ug/L		09/27/22 08:11	09/28/22 21:00	1
Bis(2-chloroethoxy)methane	ND		5.2	0.36	ug/L		09/27/22 08:11	09/28/22 21:00	1
Bis(2-chloroethyl)ether	ND		5.2	0.42	ug/L		09/27/22 08:11	09/28/22 21:00	1
Bis(2-ethylhexyl) phthalate	ND		5.2	2.3	ug/L		09/27/22 08:11	09/28/22 21:00	1
Butyl benzyl phthalate	ND		5.2	1.0	ug/L		09/27/22 08:11	09/28/22 21:00	1
Caprolactam	ND		5.2	2.3	ug/L		09/27/22 08:11	09/28/22 21:00	1
Carbazole	ND	*+	5.2	0.31	ug/L		09/27/22 08:11	09/28/22 21:00	1
Chrysene	ND		5.2	0.34	ug/L		09/27/22 08:11	09/28/22 21:00	1
Di-n-butyl phthalate	ND		5.2	0.32	ug/L		09/27/22 08:11	09/28/22 21:00	1
Di-n-octyl phthalate	ND		5.2	0.49	ug/L		09/27/22 08:11	09/28/22 21:00	1
Dibenz(a,h)anthracene	ND		5.2	0.44	ug/L		09/27/22 08:11	09/28/22 21:00	1
Dibenzofuran	ND		10	0.53	ug/L		09/27/22 08:11	09/28/22 21:00	1
Diethyl phthalate	ND		5.2	0.23	ug/L		09/27/22 08:11	09/28/22 21:00	1
Dimethyl phthalate	ND		5.2	0.38	ug/L		09/27/22 08:11	09/28/22 21:00	1
Fluoranthene	ND		5.2	0.42	ug/L		09/27/22 08:11	09/28/22 21:00	1
Fluorene	ND		5.2	0.38	ug/L		09/27/22 08:11	09/28/22 21:00	1
Hexachlorobenzene	ND		5.2	0.53	ug/L		09/27/22 08:11	09/28/22 21:00	1
Hexachlorobutadiene	ND		5.2	0.71	ug/L		09/27/22 08:11	09/28/22 21:00	1
Hexachlorocyclopentadiene	ND		5.2	0.61	ug/L		09/27/22 08:11	09/28/22 21:00	1
Hexachloroethane	ND		5.2	0.61	ug/L		09/27/22 08:11	09/28/22 21:00	1
Indeno(1,2,3-cd)pyrene	ND		5.2	0.49	ug/L		09/27/22 08:11	09/28/22 21:00	1
Isophorone	ND		5.2	0.45	ug/L		09/27/22 08:11	09/28/22 21:00	1
N-Nitrosodi-n-propylamine	ND		5.2	0.56	ug/L		09/27/22 08:11	09/28/22 21:00	1
N-Nitrosodiphenylamine	ND		5.2	0.53	ug/L		09/27/22 08:11	09/28/22 21:00	1
Naphthalene	ND		5.2	0.79	ug/L		09/27/22 08:11	09/28/22 21:00	1
Nitrobenzene	ND		5.2	0.30	ug/L		09/27/22 08:11	09/28/22 21:00	1
Pentachlorophenol	ND		10	2.3	ug/L		09/27/22 08:11	09/28/22 21:00	1
Phenanthrene	ND		5.2	0.46	ug/L		09/27/22 08:11	09/28/22 21:00	1
Phenol	ND		5.2	0.41	ug/L		09/27/22 08:11	09/28/22 21:00	1
Pyrene	ND		5.2	0.35	ug/L		09/27/22 08:11	09/28/22 21:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*14*	*T J*	*ug/L*		*2.36*		*09/27/22 08:11*	*09/28/22 21:00*	*1*
Cyclohexane	*8.2*	*T J N*	*ug/L*		*2.46*	*110-82-7*	*09/27/22 08:11*	*09/28/22 21:00*	*1*
Unknown	*490*	*T J*	*ug/L*		*2.73*		*09/27/22 08:11*	*09/28/22 21:00*	*1*
Unknown	*2.6*	*T J*	*ug/L*		*3.91*		*09/27/22 08:11*	*09/28/22 21:00*	*1*
Unknown	*23*	*T J*	*ug/L*		*4.74*		*09/27/22 08:11*	*09/28/22 21:00*	*1*
Column Bleed	*1.8*	*T J*	*ug/L*		*6.80*		*09/27/22 08:11*	*09/28/22 21:00*	*1*

Client Sample ID: MW-4
Date Collected: 09/20/22 13:50
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-5
Matrix: Water

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Naphthalene, 1,2,3,4-tetrahydro-1-methyl-	*1.8*	*T J N*	*ug/L*		*7.48*	*1559-81-5*	*09/27/22 08:11*	*09/28/22 21:00*	*1*
Unknown	*2.0*	*T J*	*ug/L*		*7.96*		*09/27/22 08:11*	*09/28/22 21:00*	*1*
Benzenesulfonamide, 2-methyl-	*13*	*T J N*	*ug/L*		*9.29*	*88-19-7*	*09/27/22 08:11*	*09/28/22 21:00*	*1*
Benzenesulfonamide, 4-methyl-	*29*	*T J N*	*ug/L*		*9.45*	*70-55-3*	*09/27/22 08:11*	*09/28/22 21:00*	*1*
Eicosane	*2.2*	*T J N*	*ug/L*		*12.64*	*112-95-8*	*09/27/22 08:11*	*09/28/22 21:00*	*1*
Tricosane	*2.0*	*T J N*	*ug/L*		*13.08*	*638-67-5*	*09/27/22 08:11*	*09/28/22 21:00*	*1*
Hexadecane	*1.9*	*T J N*	*ug/L*		*13.55*	*544-76-3*	*09/27/22 08:11*	*09/28/22 21:00*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*89*		*41 - 120*	*09/27/22 08:11*	*09/28/22 21:00*	*1*
2-Fluorobiphenyl	*98*		*48 - 120*	*09/27/22 08:11*	*09/28/22 21:00*	*1*
2-Fluorophenol	*74*		*35 - 120*	*09/27/22 08:11*	*09/28/22 21:00*	*1*
Nitrobenzene-d5	*87*		*46 - 120*	*09/27/22 08:11*	*09/28/22 21:00*	*1*
p-Terphenyl-d14	*87*		*60 - 148*	*09/27/22 08:11*	*09/28/22 21:00*	*1*
Phenol-d5	*56*		*22 - 120*	*09/27/22 08:11*	*09/28/22 21:00*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**0.013**	**J**	0.050	0.0092	ug/L		09/27/22 15:49	09/28/22 12:47	1
4,4'-DDE	ND		0.050	0.012	ug/L		09/27/22 15:49	09/28/22 12:47	1
4,4'-DDT	ND		0.050	0.011	ug/L		09/27/22 15:49	09/28/22 12:47	1
Aldrin	ND		0.050	0.0081	ug/L		09/27/22 15:49	09/28/22 12:47	1
alpha-BHC	ND		0.050	0.0077	ug/L		09/27/22 15:49	09/28/22 12:47	1
cis-Chlordane	ND		0.050	0.015	ug/L		09/27/22 15:49	09/28/22 12:47	1
beta-BHC	ND		0.050	0.025	ug/L		09/27/22 15:49	09/28/22 12:47	1
delta-BHC	ND		0.050	0.010	ug/L		09/27/22 15:49	09/28/22 12:47	1
Dieldrin	ND		0.050	0.0098	ug/L		09/27/22 15:49	09/28/22 12:47	1
Endosulfan I	ND		0.050	0.011	ug/L		09/27/22 15:49	09/28/22 12:47	1
Endosulfan II	ND		0.050	0.012	ug/L		09/27/22 15:49	09/28/22 12:47	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		09/27/22 15:49	09/28/22 12:47	1
Endrin	ND		0.050	0.014	ug/L		09/27/22 15:49	09/28/22 12:47	1
Endrin aldehyde	ND		0.050	0.016	ug/L		09/27/22 15:49	09/28/22 12:47	1
Endrin ketone	ND		0.050	0.012	ug/L		09/27/22 15:49	09/28/22 12:47	1
gamma-BHC (Lindane)	**0.0081**	**J**	0.050	0.0080	ug/L		09/27/22 15:49	09/28/22 12:47	1
trans-Chlordane	ND		0.050	0.011	ug/L		09/27/22 15:49	09/28/22 12:47	1
Heptachlor	ND		0.050	0.0085	ug/L		09/27/22 15:49	09/28/22 12:47	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		09/27/22 15:49	09/28/22 12:47	1
Methoxychlor	ND		0.050	0.014	ug/L		09/27/22 15:49	09/28/22 12:47	1
Toxaphene	ND		0.50	0.12	ug/L		09/27/22 15:49	09/28/22 12:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*60*		*20 - 120*	*09/27/22 15:49*	*09/28/22 12:47*	*1*
DCB Decachlorobiphenyl	*68*		*20 - 120*	*09/27/22 15:49*	*09/28/22 12:47*	*1*
Tetrachloro-m-xylene	*108*		*44 - 120*	*09/27/22 15:49*	*09/28/22 12:47*	*1*
Tetrachloro-m-xylene	*80*		*44 - 120*	*09/27/22 15:49*	*09/28/22 12:47*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/24/22 09:31	09/25/22 17:28	1

Client Sample ID: MW-4
Date Collected: 09/20/22 13:50
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-5
Matrix: Water

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	ND		0.50	0.18	ug/L		09/24/22 09:31	09/25/22 17:28	1
PCB-1232	ND		0.50	0.18	ug/L		09/24/22 09:31	09/25/22 17:28	1
PCB-1242	ND		0.50	0.18	ug/L		09/24/22 09:31	09/25/22 17:28	1
PCB-1248	ND		0.50	0.18	ug/L		09/24/22 09:31	09/25/22 17:28	1
PCB-1254	ND		0.50	0.25	ug/L		09/24/22 09:31	09/25/22 17:28	1
PCB-1260	ND		0.50	0.25	ug/L		09/24/22 09:31	09/25/22 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*44*		*19 - 120*	*09/24/22 09:31*	*09/25/22 17:28*	*1*
DCB Decachlorobiphenyl	*50*		*19 - 120*	*09/24/22 09:31*	*09/25/22 17:28*	*1*
Tetrachloro-m-xylene	*85*		*39 - 121*	*09/24/22 09:31*	*09/25/22 17:28*	*1*
Tetrachloro-m-xylene	*91*		*39 - 121*	*09/24/22 09:31*	*09/25/22 17:28*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		0.48	0.065	ug/L		09/22/22 09:11	09/26/22 14:11	1
Silvex (2,4,5-TP)	ND		0.48	0.048	ug/L		09/22/22 09:11	09/26/22 14:11	1
2,4-D	ND		0.48	0.16	ug/L		09/22/22 09:11	09/26/22 14:11	1
Dichlorprop	ND		0.48	0.11	ug/L		09/22/22 09:11	09/26/22 14:11	1
Dinoseb	ND		0.48	0.13	ug/L		09/22/22 09:11	09/26/22 14:11	1
Pentachlorophenol	ND		0.48	0.047	ug/L		09/22/22 09:11	09/26/22 14:11	1
Picloram	ND		0.48	0.069	ug/L		09/22/22 09:11	09/26/22 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*52*		*48 - 132*	*09/22/22 09:11*	*09/26/22 14:11*	*1*
2,4-Dichlorophenylacetic acid	*44*	*S1-*	*48 - 132*	*09/22/22 09:11*	*09/26/22 14:11*	*1*

Method: EPA 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**2.7**		1.7	0.78	ng/L		09/29/22 08:11	10/06/22 13:58	1
Perfluoroheptanoic acid	**2.6**		1.7	0.43	ng/L		09/29/22 08:11	10/06/22 13:58	1
Perfluorooctanoic acid	**5.5**		1.7	0.43	ng/L		09/29/22 08:11	10/06/22 13:58	1
Perfluorononanoic acid	**1.3**	**J**	1.7	0.43	ng/L		09/29/22 08:11	10/06/22 13:58	1
Perfluorodecanoic acid	ND		1.7	0.43	ng/L		09/29/22 08:11	10/06/22 13:58	1
Perfluorotridecanoic acid	ND		1.7	0.43	ng/L		09/29/22 08:11	10/06/22 13:58	1
Perfluorotetradecanoic acid	ND		1.7	0.43	ng/L		09/29/22 08:11	10/06/22 13:58	1
Perfluorobutanesulfonic acid	**3.8**		1.7	0.43	ng/L		09/29/22 08:11	10/06/22 13:58	1
Perfluorohexanesulfonic acid	**1.4**	**J**	1.7	0.43	ng/L		09/29/22 08:11	10/06/22 13:58	1
Perfluorooctanesulfonic acid	**8.0**		1.7	0.87	ng/L		09/29/22 08:11	10/06/22 13:58	1
NEtFOSAA	ND		2.6	0.43	ng/L		09/29/22 08:11	10/06/22 13:58	1
NMeFOSAA	ND		1.7	0.52	ng/L		09/29/22 08:11	10/06/22 13:58	1
Perfluoroheptanesulfonic acid	ND		1.7	0.43	ng/L		09/29/22 08:11	10/06/22 13:58	1
Perfluorodecanesulfonic acid	ND		1.7	0.43	ng/L		09/29/22 08:11	10/06/22 13:58	1
Perfluorooctanesulfonamide	ND		1.7	0.61	ng/L		09/29/22 08:11	10/06/22 13:58	1
Perfluorobutanoic acid	**12**		4.3	1.7	ng/L		09/29/22 08:11	10/06/22 13:58	1
Perfluoroundecanoic acid	ND		1.7	0.43	ng/L		09/29/22 08:11	10/06/22 13:58	1
Perfluorododecanoic acid	ND		1.7	0.43	ng/L		09/29/22 08:11	10/06/22 13:58	1
6:2 Fluorotelomer sulfonic acid	ND		4.3	3.7	ng/L		09/29/22 08:11	10/06/22 13:58	1
8:2 Fluorotelomer sulfonic acid	ND		2.6	0.87	ng/L		09/29/22 08:11	10/06/22 13:58	1
Perfluoropentanoic acid	**2.7**		1.7	0.43	ng/L		09/29/22 08:11	10/06/22 13:58	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201794-1

Client Sample ID: MW-4

Date Collected: 09/20/22 13:50
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-5

Matrix: Water

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-8:2 FTS	180		33 - 200	09/29/22 08:11	10/06/22 13:58	1
M2-6:2 FTS	242	*5+	17 - 200	09/29/22 08:11	10/06/22 13:58	1
13C5 PFHxA	73		24 - 179	09/29/22 08:11	10/06/22 13:58	1
13C4 PFHpA	74		31 - 182	09/29/22 08:11	10/06/22 13:58	1
13C8 PFOA	83		48 - 162	09/29/22 08:11	10/06/22 13:58	1
13C9 PFNA	70		51 - 167	09/29/22 08:11	10/06/22 13:58	1
13C6 PFDA	80		49 - 163	09/29/22 08:11	10/06/22 13:58	1
13C7 PFUnA	85		34 - 174	09/29/22 08:11	10/06/22 13:58	1
13C2-PFDoDA	76		17 - 176	09/29/22 08:11	10/06/22 13:58	1
13C2 PFTeDA	26		10 - 179	09/29/22 08:11	10/06/22 13:58	1
13C3 PFBS	106		16 - 200	09/29/22 08:11	10/06/22 13:58	1
13C3 PFHxS	100		28 - 188	09/29/22 08:11	10/06/22 13:58	1
13C8 PFOS	88		51 - 159	09/29/22 08:11	10/06/22 13:58	1
d3-NMeFOSAA	75		31 - 174	09/29/22 08:11	10/06/22 13:58	1
d5-NEtFOSAA	87		29 - 195	09/29/22 08:11	10/06/22 13:58	1
13C8 FOSA	47		10 - 168	09/29/22 08:11	10/06/22 13:58	1
13C4 PFBA	85		42 - 165	09/29/22 08:11	10/06/22 13:58	1
13C5 PFPeA	71		38 - 187	09/29/22 08:11	10/06/22 13:58	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11.0**		0.20	0.060	mg/L		09/22/22 09:19	09/22/22 18:42	1
Antimony	ND		0.020	0.0068	mg/L		09/22/22 09:19	09/22/22 18:42	1
Arsenic	**0.0090**	**J**	0.015	0.0056	mg/L		09/22/22 09:19	09/22/22 18:42	1
Barium	**0.22**		0.0020	0.00070	mg/L		09/22/22 09:19	09/22/22 18:42	1
Beryllium	**0.00052**	**J**	0.0020	0.00030	mg/L		09/22/22 09:19	09/22/22 18:42	1
Cadmium	**0.0010**	**J**	0.0020	0.00050	mg/L		09/22/22 09:19	09/22/22 18:42	1
Calcium	**83.1**		0.50	0.10	mg/L		09/22/22 09:19	09/22/22 18:42	1
Chromium	**0.017**		0.0040	0.0010	mg/L		09/22/22 09:19	09/22/22 18:42	1
Cobalt	**0.0047**		0.0040	0.00063	mg/L		09/22/22 09:19	09/22/22 18:42	1
Copper	**0.071**		0.010	0.0016	mg/L		09/22/22 09:19	09/22/22 18:42	1
Iron	**14.8**		0.050	0.019	mg/L		09/22/22 09:19	09/22/22 18:42	1
Lead	**0.13**		0.010	0.0030	mg/L		09/22/22 09:19	09/22/22 18:42	1
Magnesium	**15.4**		0.20	0.043	mg/L		09/22/22 09:19	09/22/22 18:42	1
Manganese	**0.57**		0.0030	0.00040	mg/L		09/22/22 09:19	09/22/22 18:42	1
Nickel	**0.020**		0.010	0.0013	mg/L		09/22/22 09:19	09/22/22 18:42	1
Potassium	**8.2**		0.50	0.10	mg/L		09/22/22 09:19	09/22/22 18:42	1
Selenium	ND		0.025	0.0087	mg/L		09/22/22 09:19	09/22/22 18:42	1
Silver	ND		0.0060	0.0017	mg/L		09/22/22 09:19	09/22/22 18:42	1
Sodium	**18.5**		1.0	0.32	mg/L		09/22/22 09:19	09/22/22 18:42	1
Thallium	ND		0.020	0.010	mg/L		09/22/22 09:19	09/22/22 18:42	1
Vanadium	**0.022**		0.0050	0.0015	mg/L		09/22/22 09:19	09/22/22 18:42	1
Zinc	**0.17**		0.010	0.0015	mg/L		09/22/22 09:19	09/22/22 18:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000050**	**J**	0.00020	0.000043	mg/L		09/21/22 11:30	09/21/22 16:51	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201794-1

Client Sample ID: EQUIP BLANK

Date Collected: 09/20/22 12:40
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-6

Matrix: Water

Method: EPA 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		1.8	0.83	ng/L		09/29/22 08:11	10/06/22 14:09	1
Perfluoroheptanoic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 14:09	1
Perfluorooctanoic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 14:09	1
Perfluorononanoic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 14:09	1
Perfluorodecanoic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 14:09	1
Perfluorotridecanoic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 14:09	1
Perfluorotetradecanoic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 14:09	1
Perfluorobutanesulfonic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 14:09	1
Perfluorohexanesulfonic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 14:09	1
Perfluorooctanesulfonic acid	ND		1.8	0.92	ng/L		09/29/22 08:11	10/06/22 14:09	1
NEtFOSAA	ND		2.8	0.46	ng/L		09/29/22 08:11	10/06/22 14:09	1
NMeFOSAA	ND		1.8	0.55	ng/L		09/29/22 08:11	10/06/22 14:09	1
Perfluoroheptanesulfonic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 14:09	1
Perfluorodecanesulfonic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 14:09	1
Perfluorooctanesulfonamide	ND		1.8	0.64	ng/L		09/29/22 08:11	10/06/22 14:09	1
Perfluorobutanoic acid	ND		4.6	1.8	ng/L		09/29/22 08:11	10/06/22 14:09	1
Perfluoroundecanoic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 14:09	1
Perfluorododecanoic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 14:09	1
6:2 Fluorotelomer sulfonic acid	ND		4.6	3.9	ng/L		09/29/22 08:11	10/06/22 14:09	1
8:2 Fluorotelomer sulfonic acid	ND		2.8	0.92	ng/L		09/29/22 08:11	10/06/22 14:09	1
Perfluoropentanoic acid	ND		1.8	0.46	ng/L		09/29/22 08:11	10/06/22 14:09	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-8:2 FTS	*93*		*33 - 200*	*09/29/22 08:11*	*10/06/22 14:09*	*1*
M2-6:2 FTS	*97*		*17 - 200*	*09/29/22 08:11*	*10/06/22 14:09*	*1*
13C5 PFHxA	*95*		*24 - 179*	*09/29/22 08:11*	*10/06/22 14:09*	*1*
13C4 PFHpA	*101*		*31 - 182*	*09/29/22 08:11*	*10/06/22 14:09*	*1*
13C8 PFOA	*101*		*48 - 162*	*09/29/22 08:11*	*10/06/22 14:09*	*1*
13C9 PFNA	*115*		*51 - 167*	*09/29/22 08:11*	*10/06/22 14:09*	*1*
13C6 PFDA	*97*		*49 - 163*	*09/29/22 08:11*	*10/06/22 14:09*	*1*
13C7 PFUnA	*97*		*34 - 174*	*09/29/22 08:11*	*10/06/22 14:09*	*1*
13C2-PFDoDA	*94*		*17 - 176*	*09/29/22 08:11*	*10/06/22 14:09*	*1*
13C2 PFTeDA	*84*		*10 - 179*	*09/29/22 08:11*	*10/06/22 14:09*	*1*
13C3 PFBS	*94*		*16 - 200*	*09/29/22 08:11*	*10/06/22 14:09*	*1*
13C3 PFHxS	*101*		*28 - 188*	*09/29/22 08:11*	*10/06/22 14:09*	*1*
13C8 PFOS	*107*		*51 - 159*	*09/29/22 08:11*	*10/06/22 14:09*	*1*
d3-NMeFOSAA	*89*		*31 - 174*	*09/29/22 08:11*	*10/06/22 14:09*	*1*
d5-NEtFOSAA	*89*		*29 - 195*	*09/29/22 08:11*	*10/06/22 14:09*	*1*
13C8 FOSA	*82*		*10 - 168*	*09/29/22 08:11*	*10/06/22 14:09*	*1*
13C4 PFBA	*102*		*42 - 165*	*09/29/22 08:11*	*10/06/22 14:09*	*1*
13C5 PFPeA	*95*		*38 - 187*	*09/29/22 08:11*	*10/06/22 14:09*	*1*

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201794-1

Client Sample ID: FIELD BLANK

Date Collected: 09/20/22 12:40
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-7

Matrix: Water

Method: EPA 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		1.7	0.79	ng/L		09/29/22 08:11	10/06/22 14:20	1
Perfluoroheptanoic acid	ND		1.7	0.44	ng/L		09/29/22 08:11	10/06/22 14:20	1
Perfluorooctanoic acid	ND		1.7	0.44	ng/L		09/29/22 08:11	10/06/22 14:20	1
Perfluorononanoic acid	ND		1.7	0.44	ng/L		09/29/22 08:11	10/06/22 14:20	1
Perfluorodecanoic acid	ND		1.7	0.44	ng/L		09/29/22 08:11	10/06/22 14:20	1
Perfluorotridecanoic acid	ND		1.7	0.44	ng/L		09/29/22 08:11	10/06/22 14:20	1
Perfluorotetradecanoic acid	ND		1.7	0.44	ng/L		09/29/22 08:11	10/06/22 14:20	1
Perfluorobutanesulfonic acid	ND		1.7	0.44	ng/L		09/29/22 08:11	10/06/22 14:20	1
Perfluorohexanesulfonic acid	ND		1.7	0.44	ng/L		09/29/22 08:11	10/06/22 14:20	1
Perfluorooctanesulfonic acid	ND		1.7	0.87	ng/L		09/29/22 08:11	10/06/22 14:20	1
NEtFOSAA	ND		2.6	0.44	ng/L		09/29/22 08:11	10/06/22 14:20	1
NMeFOSAA	ND		1.7	0.52	ng/L		09/29/22 08:11	10/06/22 14:20	1
Perfluoroheptanesulfonic acid	ND		1.7	0.44	ng/L		09/29/22 08:11	10/06/22 14:20	1
Perfluorodecanesulfonic acid	ND		1.7	0.44	ng/L		09/29/22 08:11	10/06/22 14:20	1
Perfluorooctanesulfonamide	ND		1.7	0.61	ng/L		09/29/22 08:11	10/06/22 14:20	1
Perfluorobutanoic acid	ND		4.4	1.7	ng/L		09/29/22 08:11	10/06/22 14:20	1
Perfluoroundecanoic acid	ND		1.7	0.44	ng/L		09/29/22 08:11	10/06/22 14:20	1
Perfluorododecanoic acid	ND		1.7	0.44	ng/L		09/29/22 08:11	10/06/22 14:20	1
6:2 Fluorotelomer sulfonic acid	ND		4.4	3.7	ng/L		09/29/22 08:11	10/06/22 14:20	1
8:2 Fluorotelomer sulfonic acid	ND		2.6	0.87	ng/L		09/29/22 08:11	10/06/22 14:20	1
Perfluoropentanoic acid	ND		1.7	0.44	ng/L		09/29/22 08:11	10/06/22 14:20	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-8:2 FTS	*79*		*33 - 200*	*09/29/22 08:11*	*10/06/22 14:20*	*1*
M2-6:2 FTS	*82*		*17 - 200*	*09/29/22 08:11*	*10/06/22 14:20*	*1*
13C5 PFHxA	*85*		*24 - 179*	*09/29/22 08:11*	*10/06/22 14:20*	*1*
13C4 PFHpA	*89*		*31 - 182*	*09/29/22 08:11*	*10/06/22 14:20*	*1*
13C8 PFOA	*88*		*48 - 162*	*09/29/22 08:11*	*10/06/22 14:20*	*1*
13C9 PFNA	*100*		*51 - 167*	*09/29/22 08:11*	*10/06/22 14:20*	*1*
13C6 PFDA	*89*		*49 - 163*	*09/29/22 08:11*	*10/06/22 14:20*	*1*
13C7 PFUnA	*87*		*34 - 174*	*09/29/22 08:11*	*10/06/22 14:20*	*1*
13C2-PFDoDA	*81*		*17 - 176*	*09/29/22 08:11*	*10/06/22 14:20*	*1*
13C2 PFTeDA	*82*		*10 - 179*	*09/29/22 08:11*	*10/06/22 14:20*	*1*
13C3 PFBS	*87*		*16 - 200*	*09/29/22 08:11*	*10/06/22 14:20*	*1*
13C3 PFHxS	*87*		*28 - 188*	*09/29/22 08:11*	*10/06/22 14:20*	*1*
13C8 PFOS	*99*		*51 - 159*	*09/29/22 08:11*	*10/06/22 14:20*	*1*
d3-NMeFOSAA	*88*		*31 - 174*	*09/29/22 08:11*	*10/06/22 14:20*	*1*
d5-NEtFOSAA	*76*		*29 - 195*	*09/29/22 08:11*	*10/06/22 14:20*	*1*
13C8 FOSA	*81*		*10 - 168*	*09/29/22 08:11*	*10/06/22 14:20*	*1*
13C4 PFBA	*95*		*42 - 165*	*09/29/22 08:11*	*10/06/22 14:20*	*1*
13C5 PFPeA	*88*		*38 - 187*	*09/29/22 08:11*	*10/06/22 14:20*	*1*

Surrogate Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201794-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-201794-1	MW-8	91	99	88	102
480-201794-2	MW-6	88	99	88	100
480-201794-3	MW-5	87	100	89	102
480-201794-3 MS	MW-5	89	98	95	101
480-201794-3 MSD	MW-5	86	98	94	97
480-201794-4	DUP-1	88	99	91	100
480-201794-5	MW-4	91	100	90	102
LCS 480-642412/6	Lab Control Sample	88	99	93	99
MB 480-642412/8	Method Blank	91	100	89	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(60-148)	(22-120)
480-201794-1	MW-8	90	99	77	85	91	59
480-201794-2	MW-6	79	85	63	71	81	49
480-201794-3	MW-5	78	96	68	80	73	53
480-201794-3 MS	MW-5	96	101	76	89	82	66
480-201794-3 MSD	MW-5	87	89	63	79	73	55
480-201794-4	DUP-1	88	98	71	87	73	53
480-201794-5	MW-4	89	98	74	87	87	56
LCS 480-642869/2-A	Lab Control Sample	91	97	71	85	108	61
MB 480-642869/1-A	Method Blank	70	98	73	88	111	56

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPHd14 = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(20-120)	(20-120)	(44-120)	(44-120)
480-201794-1	MW-8	65	72	75	57
480-201794-2	MW-6	36	39	97	67
480-201794-3	MW-5	51	59	54	40 S1-
480-201794-3 MS	MW-5	43	49	70	57
480-201794-3 MSD	MW-5	52	62	60	48

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (20-120)	DCBP2 (20-120)	TCX1 (44-120)	TCX2 (44-120)
480-201794-4	DUP-1	56	63	81	60
480-201794-5	MW-4	60	68	108	80
LCS 480-642987/2-A	Lab Control Sample	42	51	75	60
MB 480-642987/1-A	Method Blank	42	54	88	67

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (19-120)	DCBP2 (19-120)	TCX1 (39-121)	TCX2 (39-121)
480-201794-1	MW-8	75	94	92	96
480-201794-2	MW-6	26	28	80	82
480-201794-3	MW-5	72	85	69	67
480-201794-3 MS	MW-5	59	71	76	80
480-201794-3 MSD	MW-5	63	76	73	74
480-201794-4	DUP-1	66	83	62	64
480-201794-5	MW-4	44	50	85	91
LCS 480-642658/2-A	Lab Control Sample	59	71	76	77
MB 480-642658/1-A	Method Blank	67	81	90	96

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8151A - Herbicides (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCPAA1 (48-132)	DCPAA2 (48-132)
480-201794-1	MW-8	100	88
480-201794-2	MW-6	97	79
480-201794-3	MW-5	112	99
480-201794-3 MS	MW-5	96	134 S1+
480-201794-3 MSD	MW-5	91	102
480-201794-4	DUP-1	95	83
480-201794-5	MW-4	52	44 S1-
LCS 480-642326/2-A	Lab Control Sample	96	90
MB 480-642326/1-A	Method Blank	104	95

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Isotope Dilution Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201794-1

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	DXE (15-110)							
480-201794-1	MW-8	25							
480-201794-2	MW-6	25							
480-201794-3	MW-5	27							
480-201794-3 MS	MW-5	27							
480-201794-3 MSD	MW-5	29							
480-201794-4	DUP-1	24							
480-201794-5	MW-4	27							
LCS 480-642466/2-A	Lab Control Sample	39							
MB 480-642466/1-A	Method Blank	33							

Surrogate Legend

DXE = 1,4-Dioxane-d8

Method: 537 IDA - EPA 537 Isotope Dilution

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M282FTS (33-200)	M262FTS (17-200)	13C5PHA (24-179)	C4PFHA (31-182)	C8PFOA (48-162)	C9PFNA (51-167)	C6PFDA (49-163)	13C7PUA (34-174)
480-201794-1	MW-8	138	200	76	85	88	95	88	83
480-201794-2	MW-6	219 *5+	273 *5+	88	92	96	86	94	96
480-201794-3	MW-5	141	232 *5+	68	77	91	78	85	90
480-201794-3 MS	MW-5	153	242 *5+	71	78	98	82	96	100
480-201794-3 MSD	MW-5	154	242 *5+	68	75	93	81	93	98
480-201794-4	DUP-1	151	258 *5+	73	81	97	80	92	98
480-201794-4 - RA	DUP-1	144	243 *5+	72	81	95	84	92	89
480-201794-5	MW-4	180	242 *5+	73	74	83	70	80	85
480-201794-6	EQUIP BLANK	93	97	95	101	101	115	97	97
480-201794-7	FIELD BLANK	79	82	85	89	88	100	89	87
LCS 410-301165/3-A	Lab Control Sample	91	88	88	96	93	103	97	101
MB 410-301165/1-A	Method Blank	83	83	78	86	83	90	96	88

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFDoDA (17-176)	PFTDA (10-179)	C3PFBS (16-200)	C3PFHS (28-188)	C8PFOS (51-159)	d3NMFOS (31-174)	d5NEFOS (29-195)	PFOSA (10-168)
480-201794-1	MW-8	78	70	140	97	98	85	79	51
480-201794-2	MW-6	93	51	152	120	100	96	95	76
480-201794-3	MW-5	86	84	186	119	90	72	80	67
480-201794-3 MS	MW-5	105	98	193	121	101	94	90	81
480-201794-3 MSD	MW-5	95	98	202 *5+	115	101	86	82	84
480-201794-4	DUP-1	94	90	204 *5+	129	100	86	89	88
480-201794-4 - RA	DUP-1	90	86	197	124	102	82	89	84
480-201794-5	MW-4	76	26	106	100	88	75	87	47
480-201794-6	EQUIP BLANK	94	84	94	101	107	89	89	82
480-201794-7	FIELD BLANK	81	82	87	87	99	88	76	81
LCS 410-301165/3-A	Lab Control Sample	96	92	90	105	106	92	92	90
MB 410-301165/1-A	Method Blank	83	87	82	82	95	88	79	83

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (42-165)	PFPeA (38-187)						
480-201794-1	MW-8	98	110						

Isotope Dilution Summary

Client: LaBella Associates DPC
Job ID: 480-201794-1
Project/Site: 145 Ganson Street

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Matrix: Water
Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)									
		PFBA	PFPeA								
Lab Sample ID	Client Sample ID	(42-165)	(38-187)								
480-201794-2	MW-6	88	102								
480-201794-3	MW-5	97	104								
480-201794-3 MS	MW-5	102	111								
480-201794-3 MSD	MW-5	104	110								
480-201794-4	DUP-1	105	112								
480-201794-4 - RA	DUP-1	103	112								
480-201794-5	MW-4	85	71								
480-201794-6	EQUIP BLANK	102	95								
480-201794-7	FIELD BLANK	95	88								
LCS 410-301165/3-A	Lab Control Sample	100	94								
MB 410-301165/1-A	Method Blank	86	84								

Surrogate Legend

M282FTS = M2-8:2 FTS
M262FTS = M2-6:2 FTS
13C5PHA = 13C5 PFHxA
C4PFHA = 13C4 PFHpA
C8PFOA = 13C8 PFOA
C9PFNA = 13C9 PFNA
C6PFDA = 13C6 PFDA
13C7PUA = 13C7 PFUnA
PFDoDA = 13C2-PFDoDA
PFTDA = 13C2 PFTeDA
C3PFBS = 13C3 PFBS
C3PFHS = 13C3 PFHxS
C8PFOS = 13C8 PFOS
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
PFOSA = 13C8 FOSA
PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-642412/8
Matrix: Water
Analysis Batch: 642412

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/23/22 00:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/23/22 00:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/23/22 00:06	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/23/22 00:06	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/23/22 00:06	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/23/22 00:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/23/22 00:06	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			09/23/22 00:06	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/23/22 00:06	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/23/22 00:06	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/23/22 00:06	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/23/22 00:06	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			09/23/22 00:06	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/23/22 00:06	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/23/22 00:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/23/22 00:06	1
2-Hexanone	ND		5.0	1.2	ug/L			09/23/22 00:06	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			09/23/22 00:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/23/22 00:06	1
Acetone	ND		10	3.0	ug/L			09/23/22 00:06	1
Benzene	ND		1.0	0.41	ug/L			09/23/22 00:06	1
Bromoform	ND		1.0	0.26	ug/L			09/23/22 00:06	1
Bromomethane	ND		1.0	0.69	ug/L			09/23/22 00:06	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/23/22 00:06	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/23/22 00:06	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/23/22 00:06	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/23/22 00:06	1
Chloroethane	ND		1.0	0.32	ug/L			09/23/22 00:06	1
Chloroform	ND		1.0	0.34	ug/L			09/23/22 00:06	1
Chloromethane	ND		1.0	0.35	ug/L			09/23/22 00:06	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/23/22 00:06	1
Cyclohexane	ND		1.0	0.18	ug/L			09/23/22 00:06	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/23/22 00:06	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/23/22 00:06	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/23/22 00:06	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/23/22 00:06	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/23/22 00:06	1
Methyl acetate	ND		2.5	1.3	ug/L			09/23/22 00:06	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/23/22 00:06	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/23/22 00:06	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/23/22 00:06	1
m,p-Xylene	ND		2.0	0.66	ug/L			09/23/22 00:06	1
Naphthalene	ND		1.0	0.43	ug/L			09/23/22 00:06	1
n-Butylbenzene	ND		1.0	0.64	ug/L			09/23/22 00:06	1
N-Propylbenzene	ND		1.0	0.69	ug/L			09/23/22 00:06	1
o-Xylene	ND		1.0	0.76	ug/L			09/23/22 00:06	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			09/23/22 00:06	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/23/22 00:06	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-642412/8
Matrix: Water
Analysis Batch: 642412

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.0	0.51	ug/L			09/23/22 00:06	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/23/22 00:06	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/23/22 00:06	1
Trichloroethene	ND		1.0	0.46	ug/L			09/23/22 00:06	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/23/22 00:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/23/22 00:06	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/23/22 00:06	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/23/22 00:06	1
Styrene	ND		1.0	0.73	ug/L			09/23/22 00:06	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			09/23/22 00:06	1

Tentatively Identified Compound	*Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/23/22 00:06*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*		*09/23/22 00:06*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*09/23/22 00:06*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*		*09/23/22 00:06*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*09/23/22 00:06*	*1*

Lab Sample ID: LCS 480-642412/6
Matrix: Water
Analysis Batch: 642412

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	22.9		ug/L		92	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.2		ug/L		97	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.9		ug/L		87	61 - 148
1,1,2-Trichloroethane	25.0	24.6		ug/L		99	76 - 122
1,1-Dichloroethane	25.0	23.7		ug/L		95	77 - 120
1,1-Dichloroethene	25.0	25.7		ug/L		103	66 - 127
1,2,4-Trichlorobenzene	25.0	24.4		ug/L		98	79 - 122
1,2,4-Trimethylbenzene	25.0	23.5		ug/L		94	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	22.9		ug/L		92	56 - 134
1,2-Dichlorobenzene	25.0	24.5		ug/L		98	80 - 124
1,2-Dichloroethane	25.0	21.4		ug/L		86	75 - 120
1,2-Dichloropropane	25.0	23.6		ug/L		94	76 - 120
1,3,5-Trimethylbenzene	25.0	23.5		ug/L		94	77 - 121
1,3-Dichlorobenzene	25.0	23.0		ug/L		92	77 - 120
1,4-Dichlorobenzene	25.0	23.3		ug/L		93	80 - 120
2-Butanone (MEK)	125	115		ug/L		92	57 - 140
2-Hexanone	125	122		ug/L		98	65 - 127
4-Isopropyltoluene	25.0	23.2		ug/L		93	73 - 120
4-Methyl-2-pentanone (MIBK)	125	120		ug/L		96	71 - 125
Acetone	125	120		ug/L		96	56 - 142
Benzene	25.0	24.7		ug/L		99	71 - 124
Bromoform	25.0	25.4		ug/L		102	61 - 132

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-642412/6
Matrix: Water
Analysis Batch: 642412

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	25.0	17.9		ug/L		72	55 - 144
Carbon disulfide	25.0	26.2		ug/L		105	59 - 134
Carbon tetrachloride	25.0	23.3		ug/L		93	72 - 134
Chlorobenzene	25.0	24.5		ug/L		98	80 - 120
Dibromochloromethane	25.0	25.7		ug/L		103	75 - 125
Chloroethane	25.0	14.6	*-	ug/L		58	69 - 136
Chloroform	25.0	23.7		ug/L		95	73 - 127
Chloromethane	25.0	22.3		ug/L		89	68 - 124
cis-1,2-Dichloroethene	25.0	25.7		ug/L		103	74 - 124
Cyclohexane	25.0	22.0		ug/L		88	59 - 135
Bromodichloromethane	25.0	23.5		ug/L		94	80 - 122
Dichlorodifluoromethane	25.0	23.6		ug/L		94	59 - 135
Ethylbenzene	25.0	23.7		ug/L		95	77 - 123
1,2-Dibromoethane	25.0	24.9		ug/L		100	77 - 120
Isopropylbenzene	25.0	23.1		ug/L		93	77 - 122
Methyl acetate	50.0	46.5		ug/L		93	74 - 133
Methyl tert-butyl ether	25.0	23.0		ug/L		92	77 - 120
Methylcyclohexane	25.0	23.7		ug/L		95	68 - 134
Methylene Chloride	25.0	26.6		ug/L		106	75 - 124
m,p-Xylene	25.0	24.7		ug/L		99	76 - 122
Naphthalene	25.0	24.3		ug/L		97	66 - 125
n-Butylbenzene	25.0	23.1		ug/L		93	71 - 128
N-Propylbenzene	25.0	22.8		ug/L		91	75 - 127
o-Xylene	25.0	24.8		ug/L		99	76 - 122
sec-Butylbenzene	25.0	23.5		ug/L		94	74 - 127
Tetrachloroethene	25.0	25.0		ug/L		100	74 - 122
Toluene	25.0	25.0		ug/L		100	80 - 122
trans-1,2-Dichloroethene	25.0	25.2		ug/L		101	73 - 127
trans-1,3-Dichloropropene	25.0	22.5		ug/L		90	80 - 120
Trichloroethene	25.0	24.0		ug/L		96	74 - 123
Trichlorofluoromethane	25.0	19.7		ug/L		79	62 - 150
Vinyl chloride	25.0	20.7		ug/L		83	65 - 133
cis-1,3-Dichloropropene	25.0	22.3		ug/L		89	74 - 124
Styrene	25.0	24.5		ug/L		98	80 - 120
tert-Butylbenzene	25.0	24.0		ug/L		96	75 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*77 - 120*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*
Toluene-d8 (Surr)	*93*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*75 - 123*

Lab Sample ID: 480-201794-3 MS
Matrix: Water
Analysis Batch: 642412

Client Sample ID: MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		25.0	27.3		ug/L		109	73 - 126

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-201794-3 MS
Matrix: Water
Analysis Batch: 642412

Client Sample ID: MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2,2-Tetrachloroethane	ND		25.0	26.6		ug/L		106	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	24.6		ug/L		99	61 - 148
1,1,2-Trichloroethane	ND		25.0	27.8		ug/L		111	76 - 122
1,1-Dichloroethane	ND		25.0	28.1		ug/L		112	77 - 120
1,1-Dichloroethene	ND	F1	25.0	32.4	F1	ug/L		130	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	27.7		ug/L		111	79 - 122
1,2,4-Trimethylbenzene	ND		25.0	27.3		ug/L		109	76 - 121
1,2-Dibromo-3-Chloropropane	ND		25.0	25.0		ug/L		100	56 - 134
1,2-Dichlorobenzene	ND		25.0	27.9		ug/L		112	80 - 124
1,2-Dichloroethane	ND		25.0	24.7		ug/L		99	75 - 120
1,2-Dichloropropane	ND		25.0	27.4		ug/L		110	76 - 120
1,3,5-Trimethylbenzene	ND		25.0	27.3		ug/L		109	77 - 121
1,3-Dichlorobenzene	ND		25.0	26.4		ug/L		106	77 - 120
1,4-Dichlorobenzene	ND		25.0	27.1		ug/L		108	78 - 124
2-Butanone (MEK)	ND		125	119		ug/L		96	57 - 140
2-Hexanone	ND		125	130		ug/L		104	65 - 127
4-Isopropyltoluene	ND		25.0	27.4		ug/L		110	73 - 120
4-Methyl-2-pentanone (MIBK)	ND		125	132		ug/L		105	71 - 125
Acetone	ND		125	116		ug/L		93	56 - 142
Benzene	ND		25.0	29.2		ug/L		117	71 - 124
Bromoform	ND		25.0	27.7		ug/L		111	61 - 132
Bromomethane	ND		25.0	22.6		ug/L		90	55 - 144
Carbon disulfide	ND		25.0	30.4		ug/L		122	59 - 134
Carbon tetrachloride	ND		25.0	28.2		ug/L		113	72 - 134
Chlorobenzene	ND		25.0	28.3		ug/L		113	80 - 120
Dibromochloromethane	ND		25.0	29.0		ug/L		116	75 - 125
Chloroethane	ND	*- F1	25.0	18.5		ug/L		74	69 - 136
Chloroform	ND		25.0	28.0		ug/L		112	73 - 127
Chloromethane	ND		25.0	27.9		ug/L		112	68 - 124
cis-1,2-Dichloroethene	ND		25.0	29.8		ug/L		119	74 - 124
Cyclohexane	ND		25.0	25.4		ug/L		101	59 - 135
Bromodichloromethane	ND		25.0	27.2		ug/L		109	80 - 122
Dichlorodifluoromethane	ND		25.0	27.6		ug/L		111	59 - 135
Ethylbenzene	ND		25.0	27.8		ug/L		111	77 - 123
1,2-Dibromoethane	ND		25.0	27.5		ug/L		110	77 - 120
Isopropylbenzene	ND		25.0	27.4		ug/L		110	77 - 122
Methyl acetate	ND		50.0	46.1		ug/L		92	74 - 133
Methyl tert-butyl ether	ND		25.0	25.4		ug/L		102	77 - 120
Methylcyclohexane	ND		25.0	26.5		ug/L		106	68 - 134
Methylene Chloride	ND	F1	25.0	31.4	F1	ug/L		126	75 - 124
m,p-Xylene	ND		25.0	28.2		ug/L		113	76 - 122
Naphthalene	ND		25.0	27.6		ug/L		110	66 - 125
n-Butylbenzene	ND		25.0	27.7		ug/L		111	71 - 128
N-Propylbenzene	ND		25.0	26.6		ug/L		107	75 - 127
o-Xylene	ND		25.0	28.8		ug/L		115	76 - 122
sec-Butylbenzene	ND		25.0	27.9		ug/L		112	74 - 127
Tetrachloroethene	ND		25.0	30.1		ug/L		121	74 - 122
Toluene	ND		25.0	29.2		ug/L		117	80 - 122

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-201794-3 MS
Matrix: Water
Analysis Batch: 642412

Client Sample ID: MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,2-Dichloroethene	ND		25.0	30.6		ug/L		123	73 - 127
trans-1,3-Dichloropropene	ND		25.0	24.5		ug/L		98	80 - 120
Trichloroethene	ND		25.0	28.3		ug/L		113	74 - 123
Trichlorofluoromethane	ND		25.0	24.7		ug/L		99	62 - 150
Vinyl chloride	ND		25.0	25.4		ug/L		102	65 - 133
cis-1,3-Dichloropropene	ND		25.0	24.1		ug/L		96	74 - 124
Styrene	ND		25.0	28.3		ug/L		113	80 - 120
tert-Butylbenzene	ND		25.0	28.2		ug/L		113	75 - 123

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*77 - 120*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Toluene-d8 (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*75 - 123*

Lab Sample ID: 480-201794-3 MSD
Matrix: Water
Analysis Batch: 642412

Client Sample ID: MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		25.0	26.6		ug/L		106	73 - 126	3	15
1,1,2,2-Tetrachloroethane	ND		25.0	26.5		ug/L		106	76 - 120	0	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	24.3		ug/L		97	61 - 148	2	20
1,1,2-Trichloroethane	ND		25.0	28.1		ug/L		112	76 - 122	1	15
1,1-Dichloroethane	ND		25.0	27.6		ug/L		111	77 - 120	2	20
1,1-Dichloroethene	ND	F1	25.0	31.2		ug/L		125	66 - 127	4	16
1,2,4-Trichlorobenzene	ND		25.0	27.9		ug/L		112	79 - 122	1	20
1,2,4-Trimethylbenzene	ND		25.0	27.6		ug/L		110	76 - 121	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	25.4		ug/L		102	56 - 134	1	15
1,2-Dichlorobenzene	ND		25.0	27.7		ug/L		111	80 - 124	1	20
1,2-Dichloroethane	ND		25.0	24.0		ug/L		96	75 - 120	3	20
1,2-Dichloropropane	ND		25.0	27.1		ug/L		109	76 - 120	1	20
1,3,5-Trimethylbenzene	ND		25.0	27.4		ug/L		109	77 - 121	0	20
1,3-Dichlorobenzene	ND		25.0	27.0		ug/L		108	77 - 120	2	20
1,4-Dichlorobenzene	ND		25.0	27.0		ug/L		108	78 - 124	0	20
2-Butanone (MEK)	ND		125	117		ug/L		94	57 - 140	2	20
2-Hexanone	ND		125	129		ug/L		103	65 - 127	1	15
4-Isopropyltoluene	ND		25.0	27.5		ug/L		110	73 - 120	0	20
4-Methyl-2-pentanone (MIBK)	ND		125	129		ug/L		103	71 - 125	2	35
Acetone	ND		125	114		ug/L		92	56 - 142	2	15
Benzene	ND		25.0	28.6		ug/L		114	71 - 124	2	13
Bromoform	ND		25.0	28.1		ug/L		112	61 - 132	1	15
Bromomethane	ND		25.0	22.0		ug/L		88	55 - 144	3	15
Carbon disulfide	ND		25.0	29.7		ug/L		119	59 - 134	2	15
Carbon tetrachloride	ND		25.0	27.2		ug/L		109	72 - 134	4	15
Chlorobenzene	ND		25.0	28.5		ug/L		114	80 - 120	1	25
Dibromochloromethane	ND		25.0	28.7		ug/L		115	75 - 125	1	15
Chloroethane	ND	*- F1	25.0	17.0	F1	ug/L		68	69 - 136	9	15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-201794-3 MSD
Matrix: Water
Analysis Batch: 642412

Client Sample ID: MW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloroform	ND		25.0	27.1		ug/L		109	73 - 127	3	20
Chloromethane	ND		25.0	27.3		ug/L		109	68 - 124	2	15
cis-1,2-Dichloroethene	ND		25.0	29.2		ug/L		117	74 - 124	2	15
Cyclohexane	ND		25.0	24.7		ug/L		99	59 - 135	3	20
Bromodichloromethane	ND		25.0	26.7		ug/L		107	80 - 122	2	15
Dichlorodifluoromethane	ND		25.0	26.5		ug/L		106	59 - 135	4	20
Ethylbenzene	ND		25.0	27.8		ug/L		111	77 - 123	0	15
1,2-Dibromoethane	ND		25.0	27.7		ug/L		111	77 - 120	1	15
Isopropylbenzene	ND		25.0	27.5		ug/L		110	77 - 122	1	20
Methyl acetate	ND		50.0	44.3		ug/L		89	74 - 133	4	20
Methyl tert-butyl ether	ND		25.0	24.7		ug/L		99	77 - 120	3	37
Methylcyclohexane	ND		25.0	26.5		ug/L		106	68 - 134	0	20
Methylene Chloride	ND	F1	25.0	29.9		ug/L		119	75 - 124	5	15
m,p-Xylene	ND		25.0	28.8		ug/L		115	76 - 122	2	16
Naphthalene	ND		25.0	27.5		ug/L		110	66 - 125	0	20
n-Butylbenzene	ND		25.0	27.5		ug/L		110	71 - 128	1	15
N-Propylbenzene	ND		25.0	27.1		ug/L		109	75 - 127	2	15
o-Xylene	ND		25.0	29.0		ug/L		116	76 - 122	1	16
sec-Butylbenzene	ND		25.0	28.1		ug/L		112	74 - 127	1	15
Tetrachloroethene	ND		25.0	29.8		ug/L		119	74 - 122	1	20
Toluene	ND		25.0	29.3		ug/L		117	80 - 122	0	15
trans-1,2-Dichloroethene	ND		25.0	29.3		ug/L		117	73 - 127	5	20
trans-1,3-Dichloropropene	ND		25.0	24.5		ug/L		98	80 - 120	0	15
Trichloroethene	ND		25.0	27.7		ug/L		111	74 - 123	2	16
Trichlorofluoromethane	ND		25.0	21.9		ug/L		88	62 - 150	12	20
Vinyl chloride	ND		25.0	24.8		ug/L		99	65 - 133	2	15
cis-1,3-Dichloropropene	ND		25.0	24.1		ug/L		96	74 - 124	0	15
Styrene	ND		25.0	28.6		ug/L		115	80 - 120	1	20
tert-Butylbenzene	ND		25.0	28.0		ug/L		112	75 - 123	1	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*77 - 120*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Toluene-d8 (Surr)	*94*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*75 - 123*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-642869/1-A
Matrix: Water
Analysis Batch: 643076

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 642869

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/27/22 08:11	09/28/22 13:41	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/27/22 08:11	09/28/22 13:41	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/27/22 08:11	09/28/22 13:41	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/27/22 08:11	09/28/22 13:41	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/27/22 08:11	09/28/22 13:41	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/27/22 08:11	09/28/22 13:41	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-642869/1-A
Matrix: Water
Analysis Batch: 643076

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 642869

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/27/22 08:11	09/28/22 13:41	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/27/22 08:11	09/28/22 13:41	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/27/22 08:11	09/28/22 13:41	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/27/22 08:11	09/28/22 13:41	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/27/22 08:11	09/28/22 13:41	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/27/22 08:11	09/28/22 13:41	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/27/22 08:11	09/28/22 13:41	1
2-Nitroaniline	ND		10	0.42	ug/L		09/27/22 08:11	09/28/22 13:41	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/27/22 08:11	09/28/22 13:41	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/27/22 08:11	09/28/22 13:41	1
3-Nitroaniline	ND		10	0.48	ug/L		09/27/22 08:11	09/28/22 13:41	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/27/22 08:11	09/28/22 13:41	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/27/22 08:11	09/28/22 13:41	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/27/22 08:11	09/28/22 13:41	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/27/22 08:11	09/28/22 13:41	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/27/22 08:11	09/28/22 13:41	1
4-Methylphenol	ND		10	0.36	ug/L		09/27/22 08:11	09/28/22 13:41	1
4-Nitroaniline	ND		10	0.25	ug/L		09/27/22 08:11	09/28/22 13:41	1
4-Nitrophenol	ND		10	1.5	ug/L		09/27/22 08:11	09/28/22 13:41	1
Acenaphthene	ND		5.0	0.41	ug/L		09/27/22 08:11	09/28/22 13:41	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/27/22 08:11	09/28/22 13:41	1
Acetophenone	ND		5.0	0.54	ug/L		09/27/22 08:11	09/28/22 13:41	1
Anthracene	ND		5.0	0.28	ug/L		09/27/22 08:11	09/28/22 13:41	1
Atrazine	ND		5.0	0.46	ug/L		09/27/22 08:11	09/28/22 13:41	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/27/22 08:11	09/28/22 13:41	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/27/22 08:11	09/28/22 13:41	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/27/22 08:11	09/28/22 13:41	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/27/22 08:11	09/28/22 13:41	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/27/22 08:11	09/28/22 13:41	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/27/22 08:11	09/28/22 13:41	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/27/22 08:11	09/28/22 13:41	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/27/22 08:11	09/28/22 13:41	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/27/22 08:11	09/28/22 13:41	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/27/22 08:11	09/28/22 13:41	1
Caprolactam	ND		5.0	2.2	ug/L		09/27/22 08:11	09/28/22 13:41	1
Carbazole	ND		5.0	0.30	ug/L		09/27/22 08:11	09/28/22 13:41	1
Chrysene	ND		5.0	0.33	ug/L		09/27/22 08:11	09/28/22 13:41	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/27/22 08:11	09/28/22 13:41	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/27/22 08:11	09/28/22 13:41	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/27/22 08:11	09/28/22 13:41	1
Dibenzofuran	ND		10	0.51	ug/L		09/27/22 08:11	09/28/22 13:41	1
Diethyl phthalate	2.76	J	5.0	0.22	ug/L		09/27/22 08:11	09/28/22 13:41	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/27/22 08:11	09/28/22 13:41	1
Fluoranthene	ND		5.0	0.40	ug/L		09/27/22 08:11	09/28/22 13:41	1
Fluorene	ND		5.0	0.36	ug/L		09/27/22 08:11	09/28/22 13:41	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/27/22 08:11	09/28/22 13:41	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/27/22 08:11	09/28/22 13:41	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/27/22 08:11	09/28/22 13:41	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/27/22 08:11	09/28/22 13:41	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-642869/1-A
Matrix: Water
Analysis Batch: 643076

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 642869

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/27/22 08:11	09/28/22 13:41	1
Isophorone	ND		5.0	0.43	ug/L		09/27/22 08:11	09/28/22 13:41	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/27/22 08:11	09/28/22 13:41	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/27/22 08:11	09/28/22 13:41	1
Naphthalene	ND		5.0	0.76	ug/L		09/27/22 08:11	09/28/22 13:41	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/27/22 08:11	09/28/22 13:41	1
Pentachlorophenol	ND		10	2.2	ug/L		09/27/22 08:11	09/28/22 13:41	1
Phenanthrene	ND		5.0	0.44	ug/L		09/27/22 08:11	09/28/22 13:41	1
Phenol	ND		5.0	0.39	ug/L		09/27/22 08:11	09/28/22 13:41	1
Pyrene	ND		5.0	0.34	ug/L		09/27/22 08:11	09/28/22 13:41	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*7.45*	*T J*	*ug/L*		*2.37*		*09/27/22 08:11*	*09/28/22 13:41*	*1*
Unknown	*7.46*	*T J*	*ug/L*		*2.46*		*09/27/22 08:11*	*09/28/22 13:41*	*1*
Unknown	*8.02*	*T J*	*ug/L*		*2.61*		*09/27/22 08:11*	*09/28/22 13:41*	*1*
Unknown	*486*	*T J*	*ug/L*		*2.73*		*09/27/22 08:11*	*09/28/22 13:41*	*1*
Unknown	*2.69*	*T J*	*ug/L*		*3.91*		*09/27/22 08:11*	*09/28/22 13:41*	*1*
Unknown	*21.6*	*T J*	*ug/L*		*4.74*		*09/27/22 08:11*	*09/28/22 13:41*	*1*
Column Bleed	*1.67*	*T J*	*ug/L*		*6.80*		*09/27/22 08:11*	*09/28/22 13:41*	*1*
Heptacosane	*2.49*	*T J N*	*ug/L*		*11.84*	*593-49-7*	*09/27/22 08:11*	*09/28/22 13:41*	*1*
Pentacosane	*3.62*	*T J N*	*ug/L*		*12.23*	*629-99-2*	*09/27/22 08:11*	*09/28/22 13:41*	*1*
Octacosane	*4.52*	*T J N*	*ug/L*		*12.64*	*630-02-4*	*09/27/22 08:11*	*09/28/22 13:41*	*1*
Triacontane	*4.39*	*T J N*	*ug/L*		*13.08*	*638-68-6*	*09/27/22 08:11*	*09/28/22 13:41*	*1*
Eicosane	*3.28*	*T J N*	*ug/L*		*13.55*	*112-95-8*	*09/27/22 08:11*	*09/28/22 13:41*	*1*
Docosane	*2.23*	*T J N*	*ug/L*		*14.04*	*629-97-0*	*09/27/22 08:11*	*09/28/22 13:41*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*70*		*41 - 120*	*09/27/22 08:11*	*09/28/22 13:41*	*1*
2-Fluorobiphenyl	*98*		*48 - 120*	*09/27/22 08:11*	*09/28/22 13:41*	*1*
2-Fluorophenol	*73*		*35 - 120*	*09/27/22 08:11*	*09/28/22 13:41*	*1*
Nitrobenzene-d5	*88*		*46 - 120*	*09/27/22 08:11*	*09/28/22 13:41*	*1*
p-Terphenyl-d14	*111*		*60 - 148*	*09/27/22 08:11*	*09/28/22 13:41*	*1*
Phenol-d5	*56*		*22 - 120*	*09/27/22 08:11*	*09/28/22 13:41*	*1*

Lab Sample ID: LCS 480-642869/2-A
Matrix: Water
Analysis Batch: 643076

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 642869

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	32.0	30.7		ug/L		96	59 - 120
bis (2-chloroisopropyl) ether	32.0	38.4		ug/L		120	21 - 136
2,4,5-Trichlorophenol	32.0	30.0		ug/L		94	65 - 126
2,4,6-Trichlorophenol	32.0	30.1		ug/L		94	64 - 120
2,4-Dichlorophenol	32.0	29.9		ug/L		94	63 - 120
2,4-Dimethylphenol	32.0	28.9		ug/L		90	47 - 120
2,4-Dinitrophenol	64.0	61.9		ug/L		97	31 - 137
2,4-Dinitrotoluene	32.0	33.8		ug/L		106	69 - 120
2,6-Dinitrotoluene	32.0	33.1		ug/L		103	68 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-642869/2-A
Matrix: Water
Analysis Batch: 643076

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 642869

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chloronaphthalene	32.0	29.1		ug/L		91	58 - 120
2-Chlorophenol	32.0	29.6		ug/L		92	48 - 120
2-Methylnaphthalene	32.0	25.9		ug/L		81	59 - 120
2-Methylphenol	32.0	32.6		ug/L		102	39 - 120
2-Nitroaniline	32.0	35.0		ug/L		109	54 - 127
2-Nitrophenol	32.0	29.9		ug/L		94	52 - 125
3,3'-Dichlorobenzidine	64.0	65.3		ug/L		102	49 - 135
3-Nitroaniline	32.0	32.7		ug/L		102	51 - 120
4,6-Dinitro-2-methylphenol	64.0	71.3		ug/L		111	46 - 136
4-Bromophenyl phenyl ether	32.0	31.3		ug/L		98	65 - 120
4-Chloro-3-methylphenol	32.0	29.7		ug/L		93	61 - 123
4-Chloroaniline	32.0	25.5		ug/L		80	30 - 120
4-Chlorophenyl phenyl ether	32.0	29.3		ug/L		91	62 - 120
4-Methylphenol	32.0	31.6		ug/L		99	29 - 131
4-Nitroaniline	32.0	42.9	*+	ug/L		134	65 - 120
4-Nitrophenol	64.0	46.1		ug/L		72	45 - 120
Acenaphthene	32.0	31.7		ug/L		99	60 - 120
Acenaphthylene	32.0	33.0		ug/L		103	63 - 120
Acetophenone	32.0	31.4		ug/L		98	45 - 120
Anthracene	32.0	37.2		ug/L		116	67 - 120
Atrazine	64.0	69.2		ug/L		108	71 - 130
Benzaldehyde	64.0	63.0		ug/L		98	10 - 140
Benzo(a)anthracene	32.0	33.4		ug/L		104	70 - 121
Benzo(a)pyrene	32.0	35.3		ug/L		110	60 - 123
Benzo(b)fluoranthene	32.0	35.1		ug/L		110	66 - 126
Benzo(g,h,i)perylene	32.0	34.9		ug/L		109	66 - 150
Benzo(k)fluoranthene	32.0	36.2		ug/L		113	65 - 124
Bis(2-chloroethoxy)methane	32.0	32.4		ug/L		101	50 - 128
Bis(2-chloroethyl)ether	32.0	30.8		ug/L		96	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	36.8		ug/L		115	63 - 139
Butyl benzyl phthalate	32.0	37.7		ug/L		118	70 - 129
Caprolactam	64.0	27.1		ug/L		42	22 - 120
Carbazole	32.0	56.7	*+	ug/L		177	66 - 123
Chrysene	32.0	34.0		ug/L		106	69 - 120
Di-n-butyl phthalate	32.0	38.3		ug/L		120	69 - 131
Di-n-octyl phthalate	32.0	34.9		ug/L		109	63 - 140
Dibenz(a,h)anthracene	32.0	36.4		ug/L		114	65 - 135
Dibenzofuran	32.0	31.7		ug/L		99	66 - 120
Diethyl phthalate	32.0	33.8		ug/L		106	59 - 127
Dimethyl phthalate	32.0	33.2		ug/L		104	68 - 120
Fluoranthene	32.0	36.0		ug/L		113	69 - 126
Fluorene	32.0	33.5		ug/L		105	66 - 120
Hexachlorobenzene	32.0	29.9		ug/L		94	61 - 120
Hexachlorobutadiene	32.0	18.2		ug/L		57	35 - 120
Hexachlorocyclopentadiene	32.0	14.7		ug/L		46	31 - 120
Hexachloroethane	32.0	23.2		ug/L		73	43 - 120
Indeno(1,2,3-cd)pyrene	32.0	36.4		ug/L		114	69 - 146
Isophorone	32.0	32.8		ug/L		102	55 - 120
N-Nitrosodi-n-propylamine	32.0	34.5		ug/L		108	32 - 140

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-642869/2-A
Matrix: Water
Analysis Batch: 643076

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 642869

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Naphthalene	32.0	29.0		ug/L		91	57 - 120
Nitrobenzene	32.0	30.1		ug/L		94	53 - 123
Pentachlorophenol	64.0	63.3		ug/L		99	29 - 136
Phenanthrene	32.0	36.0		ug/L		112	68 - 120
Phenol	32.0	21.7		ug/L		68	17 - 120
Pyrene	32.0	36.7		ug/L		115	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*91*		*41 - 120*
2-Fluorobiphenyl	*97*		*48 - 120*
2-Fluorophenol	*71*		*35 - 120*
Nitrobenzene-d5	*85*		*46 - 120*
p-Terphenyl-d14	*108*		*60 - 148*
Phenol-d5	*61*		*22 - 120*

Lab Sample ID: 480-201794-3 MS
Matrix: Water
Analysis Batch: 643076

Client Sample ID: MW-5
Prep Type: Total/NA
Prep Batch: 642869

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	ND	F2	34.8	34.3		ug/L		99	57 - 120
bis (2-chloroisopropyl) ether	ND	F1	34.8	43.0	F1	ug/L		124	28 - 121
2,4,5-Trichlorophenol	ND	F2	34.8	38.0		ug/L		109	65 - 126
2,4,6-Trichlorophenol	ND		34.8	36.2		ug/L		104	64 - 120
2,4-Dichlorophenol	ND	F2	34.8	35.3		ug/L		101	48 - 132
2,4-Dimethylphenol	ND		34.8	34.2		ug/L		98	39 - 130
2,4-Dinitrophenol	ND		69.6	79.8		ug/L		115	21 - 150
2,4-Dinitrotoluene	ND		34.8	37.5		ug/L		108	54 - 138
2,6-Dinitrotoluene	ND	F2	34.8	37.3		ug/L		107	17 - 150
2-Chloronaphthalene	ND	F2	34.8	32.6		ug/L		94	52 - 124
2-Chlorophenol	ND		34.8	33.9		ug/L		97	48 - 120
2-Methylnaphthalene	ND	F2	34.8	29.2		ug/L		84	34 - 140
2-Methylphenol	ND		34.8	36.3		ug/L		104	46 - 120
2-Nitroaniline	ND	F2	34.8	40.1		ug/L		115	44 - 136
2-Nitrophenol	ND	F2	34.8	35.3		ug/L		101	38 - 141
3,3'-Dichlorobenzidine	ND		69.6	12.4		ug/L		18	10 - 150
3-Nitroaniline	ND	F2	34.8	33.8		ug/L		97	32 - 150
4,6-Dinitro-2-methylphenol	ND	F2	69.6	83.5		ug/L		120	38 - 150
4-Bromophenyl phenyl ether	ND	F2	34.8	35.0		ug/L		101	63 - 126
4-Chloro-3-methylphenol	ND		34.8	34.8		ug/L		100	64 - 127
4-Chloroaniline	ND		34.8	18.1		ug/L		52	16 - 124
4-Chlorophenyl phenyl ether	ND		34.8	32.6		ug/L		94	61 - 120
4-Methylphenol	ND		34.8	35.2		ug/L		101	36 - 120
4-Nitroaniline	ND	*+	34.8	40.8		ug/L		117	32 - 150
4-Nitrophenol	ND		69.6	57.1		ug/L		82	23 - 132
Acenaphthene	ND		34.8	36.3		ug/L		104	48 - 120
Acenaphthylene	ND		34.8	37.1		ug/L		107	63 - 120
Acetophenone	ND	F2	34.8	35.4		ug/L		102	53 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-201794-3 MS
Matrix: Water
Analysis Batch: 643076

Client Sample ID: MW-5
Prep Type: Total/NA
Prep Batch: 642869

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Anthracene	ND	F2	34.8	41.2		ug/L		119	65 - 122
Atrazine	ND		69.6	67.2		ug/L		97	50 - 150
Benzaldehyde	ND	F2	69.6	68.2		ug/L		98	10 - 150
Benzo(a)anthracene	ND	F2	34.8	36.3		ug/L		104	43 - 124
Benzo(a)pyrene	ND	F2	34.8	35.9		ug/L		103	23 - 125
Benzo(b)fluoranthene	ND		34.8	35.4		ug/L		102	27 - 127
Benzo(g,h,i)perylene	ND		34.8	36.5		ug/L		105	16 - 147
Benzo(k)fluoranthene	ND		34.8	35.6		ug/L		102	20 - 124
Bis(2-chloroethoxy)methane	ND	F2	34.8	36.2		ug/L		104	44 - 128
Bis(2-chloroethyl)ether	ND	F2	34.8	36.4		ug/L		105	45 - 120
Bis(2-ethylhexyl) phthalate	ND	F2	34.8	37.8		ug/L		109	16 - 150
Butyl benzyl phthalate	ND	F2	34.8	42.9		ug/L		123	51 - 140
Caprolactam	ND		69.6	31.7		ug/L		46	10 - 120
Carbazole	ND	F1 *+	34.8	64.6	F1	ug/L		186	16 - 148
Chrysene	ND	F2	34.8	36.8		ug/L		106	44 - 122
Di-n-butyl phthalate	ND		34.8	40.9		ug/L		118	65 - 129
Di-n-octyl phthalate	ND	F2	34.8	36.8		ug/L		106	16 - 150
Dibenz(a,h)anthracene	ND	F2	34.8	38.0		ug/L		109	16 - 139
Dibenzofuran	ND	F2	34.8	35.9		ug/L		103	60 - 120
Diethyl phthalate	ND		34.8	37.0		ug/L		106	53 - 133
Dimethyl phthalate	ND	F2	34.8	36.8		ug/L		106	59 - 123
Fluoranthene	ND	F2	34.8	40.8		ug/L		117	63 - 129
Fluorene	ND	F2	34.8	38.1		ug/L		110	62 - 120
Hexachlorobenzene	ND	F2	34.8	33.7		ug/L		97	57 - 121
Hexachlorobutadiene	ND		34.8	19.6		ug/L		56	37 - 120
Hexachlorocyclopentadiene	ND		34.8	16.9		ug/L		49	21 - 120
Hexachloroethane	ND		34.8	25.7		ug/L		74	16 - 130
Indeno(1,2,3-cd)pyrene	ND		34.8	37.2		ug/L		107	16 - 140
Isophorone	ND	F2	34.8	37.5		ug/L		108	48 - 133
N-Nitrosodi-n-propylamine	ND		34.8	39.3		ug/L		113	49 - 120
Naphthalene	ND		34.8	31.7		ug/L		91	45 - 120
Nitrobenzene	ND		34.8	34.9		ug/L		100	45 - 123
Pentachlorophenol	ND		69.6	81.1		ug/L		117	23 - 149
Phenanthrene	ND	F2	34.8	39.9		ug/L		115	65 - 122
Phenol	ND		34.8	25.0		ug/L		72	16 - 120
Pyrene	ND		34.8	41.7		ug/L		120	58 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*96*		*41 - 120*
2-Fluorobiphenyl	*101*		*48 - 120*
2-Fluorophenol	*76*		*35 - 120*
Nitrobenzene-d5	*89*		*46 - 120*
p-Terphenyl-d14	*82*		*60 - 148*
Phenol-d5	*66*		*22 - 120*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-201794-3 MSD
Matrix: Water
Analysis Batch: 643076

Client Sample ID: MW-5
Prep Type: Total/NA
Prep Batch: 642869

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Biphenyl	ND	F2	32.0	27.6	F2	ug/L		86	57 - 120	22	20
bis (2-chloroisopropyl) ether	ND	F1	32.0	33.7		ug/L		105	28 - 121	24	24
2,4,5-Trichlorophenol	ND	F2	32.0	29.7	F2	ug/L		93	65 - 126	24	18
2,4,6-Trichlorophenol	ND		32.0	30.0		ug/L		94	64 - 120	19	19
2,4-Dichlorophenol	ND	F2	32.0	28.8	F2	ug/L		90	48 - 132	20	19
2,4-Dimethylphenol	ND		32.0	28.4		ug/L		89	39 - 130	19	42
2,4-Dinitrophenol	ND		64.0	64.7		ug/L		101	21 - 150	21	22
2,4-Dinitrotoluene	ND		32.0	31.1		ug/L		97	54 - 138	19	20
2,6-Dinitrotoluene	ND	F2	32.0	30.5	F2	ug/L		95	17 - 150	20	15
2-Chloronaphthalene	ND	F2	32.0	26.0	F2	ug/L		81	52 - 124	22	21
2-Chlorophenol	ND		32.0	26.6		ug/L		83	48 - 120	24	25
2-Methylnaphthalene	ND	F2	32.0	23.2	F2	ug/L		72	34 - 140	23	21
2-Methylphenol	ND		32.0	30.2		ug/L		94	46 - 120	19	27
2-Nitroaniline	ND	F2	32.0	32.5	F2	ug/L		102	44 - 136	21	15
2-Nitrophenol	ND	F2	32.0	27.6	F2	ug/L		86	38 - 141	24	18
3,3'-Dichlorobenzidine	ND		64.0	11.3		ug/L		18	10 - 150	10	25
3-Nitroaniline	ND	F2	32.0	23.6	F2	ug/L		74	32 - 150	36	19
4,6-Dinitro-2-methylphenol	ND	F2	64.0	66.0	F2	ug/L		103	38 - 150	23	15
4-Bromophenyl phenyl ether	ND	F2	32.0	29.0	F2	ug/L		91	63 - 126	19	15
4-Chloro-3-methylphenol	ND		32.0	29.8		ug/L		93	64 - 127	15	27
4-Chloroaniline	ND		32.0	18.8		ug/L		59	16 - 124	4	22
4-Chlorophenyl phenyl ether	ND		32.0	28.1		ug/L		88	61 - 120	15	16
4-Methylphenol	ND		32.0	28.5		ug/L		89	36 - 120	21	24
4-Nitroaniline	ND	*+	32.0	38.2		ug/L		120	32 - 150	7	24
4-Nitrophenol	ND		64.0	46.0		ug/L		72	23 - 132	21	48
Acenaphthene	ND		32.0	28.8		ug/L		90	48 - 120	23	24
Acenaphthylene	ND		32.0	30.9		ug/L		97	63 - 120	18	18
Acetophenone	ND	F2	32.0	28.4	F2	ug/L		89	53 - 120	22	20
Anthracene	ND	F2	32.0	34.8	F2	ug/L		109	65 - 122	17	15
Atrazine	ND		64.0	58.0		ug/L		91	50 - 150	15	20
Benzaldehyde	ND	F2	64.0	53.7	F2	ug/L		84	10 - 150	24	20
Benzo(a)anthracene	ND	F2	32.0	30.0	F2	ug/L		94	43 - 124	19	15
Benzo(a)pyrene	ND	F2	32.0	30.2	F2	ug/L		94	23 - 125	17	15
Benzo(b)fluoranthene	ND		32.0	30.7		ug/L		96	27 - 127	14	15
Benzo(g,h,i)perylene	ND		32.0	31.3		ug/L		98	16 - 147	15	15
Benzo(k)fluoranthene	ND		32.0	30.1		ug/L		94	20 - 124	17	22
Bis(2-chloroethoxy)methane	ND	F2	32.0	29.8	F2	ug/L		93	44 - 128	19	17
Bis(2-chloroethyl)ether	ND	F2	32.0	28.9	F2	ug/L		90	45 - 120	23	21
Bis(2-ethylhexyl) phthalate	ND	F2	32.0	32.1	F2	ug/L		100	16 - 150	16	15
Butyl benzyl phthalate	ND	F2	32.0	35.7	F2	ug/L		112	51 - 140	18	16
Caprolactam	ND		64.0	26.4		ug/L		41	10 - 120	18	20
Carbazole	ND	F1 *+	32.0	54.3	F1	ug/L		170	16 - 148	17	20
Chrysene	ND	F2	32.0	30.0	F2	ug/L		94	44 - 122	20	15
Di-n-butyl phthalate	ND		32.0	35.2		ug/L		110	65 - 129	15	15
Di-n-octyl phthalate	ND	F2	32.0	31.1	F2	ug/L		97	16 - 150	17	16
Dibenz(a,h)anthracene	ND	F2	32.0	32.0	F2	ug/L		100	16 - 139	17	15
Dibenzofuran	ND	F2	32.0	28.8	F2	ug/L		90	60 - 120	22	15
Diethyl phthalate	ND		32.0	36.7		ug/L		115	53 - 133	1	15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-201794-3 MSD
Matrix: Water
Analysis Batch: 643076

Client Sample ID: MW-5
Prep Type: Total/NA
Prep Batch: 642869

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dimethyl phthalate	ND	F2	32.0	30.7	F2	ug/L		96	59 - 123	18	15
Fluoranthene	ND	F2	32.0	33.6	F2	ug/L		105	63 - 129	19	15
Fluorene	ND	F2	32.0	31.4	F2	ug/L		98	62 - 120	20	15
Hexachlorobenzene	ND	F2	32.0	28.1	F2	ug/L		88	57 - 121	18	15
Hexachlorobutadiene	ND		32.0	15.3		ug/L		48	37 - 120	24	44
Hexachlorocyclopentadiene	ND		32.0	12.5		ug/L		39	21 - 120	30	49
Hexachloroethane	ND		32.0	19.5		ug/L		61	16 - 130	27	46
Indeno(1,2,3-cd)pyrene	ND		32.0	32.4		ug/L		101	16 - 140	14	15
Isophorone	ND	F2	32.0	30.3	F2	ug/L		95	48 - 133	21	17
N-Nitrosodi-n-propylamine	ND		32.0	31.2		ug/L		97	49 - 120	23	31
Naphthalene	ND		32.0	25.6		ug/L		80	45 - 120	21	29
Nitrobenzene	ND		32.0	27.5		ug/L		86	45 - 123	24	24
Pentachlorophenol	ND		64.0	69.3		ug/L		108	23 - 149	16	37
Phenanthrene	ND	F2	32.0	33.2	F2	ug/L		104	65 - 122	18	15
Phenol	ND		32.0	19.6		ug/L		61	16 - 120	24	34
Pyrene	ND		32.0	34.4		ug/L		108	58 - 128	19	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*87*		*41 - 120*
2-Fluorobiphenyl	*89*		*48 - 120*
2-Fluorophenol	*63*		*35 - 120*
Nitrobenzene-d5	*79*		*46 - 120*
p-Terphenyl-d14	*73*		*60 - 148*
Phenol-d5	*55*		*22 - 120*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 480-642466/1-A
Matrix: Water
Analysis Batch: 642775

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 642466

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.20	0.10	ug/L		09/22/22 17:11	09/26/22 11:55	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*33*		*15 - 110*	*09/22/22 17:11*	*09/26/22 11:55*	*1*

Lab Sample ID: LCS 480-642466/2-A
Matrix: Water
Analysis Batch: 642775

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 642466

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			2.00	2.53		ug/L		127	40 - 140		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*39*		*15 - 110*

Method: 8270D SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

Lab Sample ID: 480-201794-3 MS
Matrix: Water
Analysis Batch: 642775

Client Sample ID: MW-5
Prep Type: Total/NA
Prep Batch: 642466

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	ND		2.00	2.62		ug/L		131	40 - 140

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
1,4-Dioxane-d8	*27*		*15 - 110*

Lab Sample ID: 480-201794-3 MSD
Matrix: Water
Analysis Batch: 642775

Client Sample ID: MW-5
Prep Type: Total/NA
Prep Batch: 642466

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	ND		2.00	2.58		ug/L		129	40 - 140	2	20

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,4-Dioxane-d8	*29*		*15 - 110*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-642987/1-A
Matrix: Water
Analysis Batch: 643032

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 642987

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.050	0.0092	ug/L		09/27/22 15:49	09/28/22 08:51	1
4,4'-DDE	ND		0.050	0.012	ug/L		09/27/22 15:49	09/28/22 08:51	1
4,4'-DDT	ND		0.050	0.011	ug/L		09/27/22 15:49	09/28/22 08:51	1
Aldrin	ND		0.050	0.0081	ug/L		09/27/22 15:49	09/28/22 08:51	1
alpha-BHC	ND		0.050	0.0077	ug/L		09/27/22 15:49	09/28/22 08:51	1
cis-Chlordane	ND		0.050	0.015	ug/L		09/27/22 15:49	09/28/22 08:51	1
beta-BHC	ND		0.050	0.025	ug/L		09/27/22 15:49	09/28/22 08:51	1
delta-BHC	ND		0.050	0.010	ug/L		09/27/22 15:49	09/28/22 08:51	1
Dieldrin	ND		0.050	0.0098	ug/L		09/27/22 15:49	09/28/22 08:51	1
Endosulfan I	ND		0.050	0.011	ug/L		09/27/22 15:49	09/28/22 08:51	1
Endosulfan II	ND		0.050	0.012	ug/L		09/27/22 15:49	09/28/22 08:51	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		09/27/22 15:49	09/28/22 08:51	1
Endrin	ND		0.050	0.014	ug/L		09/27/22 15:49	09/28/22 08:51	1
Endrin aldehyde	ND		0.050	0.016	ug/L		09/27/22 15:49	09/28/22 08:51	1
Endrin ketone	ND		0.050	0.012	ug/L		09/27/22 15:49	09/28/22 08:51	1
gamma-BHC (Lindane)	ND		0.050	0.0080	ug/L		09/27/22 15:49	09/28/22 08:51	1
trans-Chlordane	ND		0.050	0.011	ug/L		09/27/22 15:49	09/28/22 08:51	1
Heptachlor	ND		0.050	0.0085	ug/L		09/27/22 15:49	09/28/22 08:51	1
Heptachlor epoxide	ND		0.050	0.0074	ug/L		09/27/22 15:49	09/28/22 08:51	1
Methoxychlor	ND		0.050	0.014	ug/L		09/27/22 15:49	09/28/22 08:51	1
Toxaphene	ND		0.50	0.12	ug/L		09/27/22 15:49	09/28/22 08:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*42*		*20 - 120*	*09/27/22 15:49*	*09/28/22 08:51*	*1*
DCB Decachlorobiphenyl	*54*		*20 - 120*	*09/27/22 15:49*	*09/28/22 08:51*	*1*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 480-642987/1-A
Matrix: Water
Analysis Batch: 643032

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 642987

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	88		44 - 120	09/27/22 15:49	09/28/22 08:51	1
Tetrachloro-m-xylene	67		44 - 120	09/27/22 15:49	09/28/22 08:51	1

Lab Sample ID: LCS 480-642987/2-A
Matrix: Water
Analysis Batch: 643032

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 642987

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.400	0.393		ug/L		98	64 - 129
4,4'-DDE	0.400	0.365		ug/L		91	50 - 120
4,4'-DDT	0.400	0.359		ug/L		90	59 - 120
Aldrin	0.400	0.298		ug/L		74	40 - 125
alpha-BHC	0.400	0.303		ug/L		76	52 - 125
cis-Chlordane	0.400	0.420		ug/L		105	52 - 120
beta-BHC	0.400	0.348		ug/L		87	51 - 120
delta-BHC	0.400	0.374		ug/L		93	51 - 120
Dieldrin	0.400	0.379		ug/L		95	66 - 128
Endosulfan I	0.400	0.379		ug/L		95	57 - 120
Endosulfan II	0.400	0.379		ug/L		95	66 - 131
Endosulfan sulfate	0.400	0.434		ug/L		108	66 - 136
Endrin	0.400	0.360		ug/L		90	65 - 135
Endrin aldehyde	0.400	0.361		ug/L		90	61 - 134
Endrin ketone	0.400	0.428		ug/L		107	71 - 133
gamma-BHC (Lindane)	0.400	0.330		ug/L		82	56 - 120
trans-Chlordane	0.400	0.397		ug/L		99	54 - 120
Heptachlor	0.400	0.312		ug/L		78	58 - 120
Heptachlor epoxide	0.400	0.384		ug/L		96	65 - 125
Methoxychlor	0.400	0.384		ug/L		96	50 - 150

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	42		20 - 120
DCB Decachlorobiphenyl	51		20 - 120
Tetrachloro-m-xylene	75		44 - 120
Tetrachloro-m-xylene	60		44 - 120

Lab Sample ID: 480-201794-3 MS
Matrix: Water
Analysis Batch: 643032

Client Sample ID: MW-5
Prep Type: Total/NA
Prep Batch: 642987

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	ND		0.400	0.324		ug/L		81	57 - 130
4,4'-DDE	ND		0.400	0.268		ug/L		67	39 - 120
4,4'-DDT	ND		0.400	0.266		ug/L		67	37 - 130
Aldrin	ND		0.400	0.231		ug/L		58	39 - 125
alpha-BHC	ND		0.400	0.260		ug/L		65	48 - 120
cis-Chlordane	ND		0.400	0.295		ug/L		74	44 - 120
beta-BHC	ND		0.400	0.287		ug/L		72	49 - 120
delta-BHC	ND		0.400	0.282		ug/L		71	50 - 120

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 480-201794-3 MS
Matrix: Water
Analysis Batch: 643032

Client Sample ID: MW-5
Prep Type: Total/NA
Prep Batch: 642987

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dieldrin	ND		0.400	0.291		ug/L		73	56 - 130
Endosulfan I	ND		0.400	0.292		ug/L		73	40 - 126
Endosulfan II	ND		0.400	0.307		ug/L		77	59 - 140
Endosulfan sulfate	ND		0.400	0.354		ug/L		88	60 - 134
Endrin	ND		0.400	0.295		ug/L		74	54 - 135
Endrin aldehyde	ND		0.400	0.268		ug/L		67	50 - 142
Endrin ketone	ND		0.400	0.354		ug/L		89	57 - 138
gamma-BHC (Lindane)	ND		0.400	0.261		ug/L		65	50 - 120
trans-Chlordane	ND		0.400	0.279		ug/L		70	42 - 120
Heptachlor	ND		0.400	0.242		ug/L		60	56 - 120
Heptachlor epoxide	ND		0.400	0.292		ug/L		73	58 - 125
Methoxychlor	ND		0.400	0.313		ug/L		78	40 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*43*		*20 - 120*
DCB Decachlorobiphenyl	*49*		*20 - 120*
Tetrachloro-m-xylene	*70*		*44 - 120*
Tetrachloro-m-xylene	*57*		*44 - 120*

Lab Sample ID: 480-201794-3 MSD
Matrix: Water
Analysis Batch: 643032

Client Sample ID: MW-5
Prep Type: Total/NA
Prep Batch: 642987

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	ND		0.400	0.379		ug/L		95	57 - 130	16	23
4,4'-DDE	ND		0.400	0.323		ug/L		81	39 - 120	19	22
4,4'-DDT	ND		0.400	0.271		ug/L		68	37 - 130	2	24
Aldrin	ND		0.400	0.238		ug/L		60	39 - 125	3	25
alpha-BHC	ND		0.400	0.268		ug/L		67	48 - 120	3	24
cis-Chlordane	ND		0.400	0.355		ug/L		89	44 - 120	19	23
beta-BHC	ND		0.400	0.330		ug/L		83	49 - 120	14	24
delta-BHC	ND		0.400	0.326		ug/L		81	50 - 120	14	24
Dieldrin	ND		0.400	0.340		ug/L		85	56 - 130	15	24
Endosulfan I	ND		0.400	0.342		ug/L		86	40 - 126	16	30
Endosulfan II	ND		0.400	0.360		ug/L		90	59 - 140	16	40
Endosulfan sulfate	ND		0.400	0.394		ug/L		99	60 - 134	11	24
Endrin	ND		0.400	0.345		ug/L		86	54 - 135	15	24
Endrin aldehyde	ND		0.400	0.283		ug/L		71	50 - 142	5	28
Endrin ketone	ND		0.400	0.375		ug/L		94	57 - 138	6	26
gamma-BHC (Lindane)	ND		0.400	0.276		ug/L		69	50 - 120	6	24
trans-Chlordane	ND		0.400	0.333		ug/L		83	42 - 120	18	24
Heptachlor	ND		0.400	0.249		ug/L		62	56 - 120	3	25
Heptachlor epoxide	ND		0.400	0.339		ug/L		85	58 - 125	15	23
Methoxychlor	ND		0.400	0.306		ug/L		76	40 - 150	3	26

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*52*		*20 - 120*
DCB Decachlorobiphenyl	*62*		*20 - 120*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 480-201794-3 MSD
Matrix: Water
Analysis Batch: 643032

Client Sample ID: MW-5
Prep Type: Total/NA
Prep Batch: 642987

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	60		44 - 120
Tetrachloro-m-xylene	48		44 - 120

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-642658/1-A
Matrix: Water
Analysis Batch: 642678

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 642658

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		09/24/22 09:31	09/25/22 14:33	1
PCB-1221	ND		0.50	0.18	ug/L		09/24/22 09:31	09/25/22 14:33	1
PCB-1232	ND		0.50	0.18	ug/L		09/24/22 09:31	09/25/22 14:33	1
PCB-1242	ND		0.50	0.18	ug/L		09/24/22 09:31	09/25/22 14:33	1
PCB-1248	ND		0.50	0.18	ug/L		09/24/22 09:31	09/25/22 14:33	1
PCB-1254	ND		0.50	0.25	ug/L		09/24/22 09:31	09/25/22 14:33	1
PCB-1260	ND		0.50	0.25	ug/L		09/24/22 09:31	09/25/22 14:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	67		19 - 120	09/24/22 09:31	09/25/22 14:33	1
DCB Decachlorobiphenyl	81		19 - 120	09/24/22 09:31	09/25/22 14:33	1
Tetrachloro-m-xylene	90		39 - 121	09/24/22 09:31	09/25/22 14:33	1
Tetrachloro-m-xylene	96		39 - 121	09/24/22 09:31	09/25/22 14:33	1

Lab Sample ID: LCS 480-642658/2-A
Matrix: Water
Analysis Batch: 642678

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 642658

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	4.00	3.81		ug/L		95	62 - 130
PCB-1260	4.00	3.73		ug/L		93	56 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	59		19 - 120
DCB Decachlorobiphenyl	71		19 - 120
Tetrachloro-m-xylene	76		39 - 121
Tetrachloro-m-xylene	77		39 - 121

Lab Sample ID: 480-201794-3 MS
Matrix: Water
Analysis Batch: 642678

Client Sample ID: MW-5
Prep Type: Total/NA
Prep Batch: 642658

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	ND		4.00	3.96		ug/L		99	28 - 150
PCB-1260	ND		4.00	3.39		ug/L		85	25 - 131

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	59		19 - 120

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 480-201794-3 MS
Matrix: Water
Analysis Batch: 642678

Client Sample ID: MW-5
Prep Type: Total/NA
Prep Batch: 642658

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*71*		*19 - 120*
Tetrachloro-m-xylene	*76*		*39 - 121*
Tetrachloro-m-xylene	*80*		*39 - 121*

Lab Sample ID: 480-201794-3 MSD
Matrix: Water
Analysis Batch: 642678

Client Sample ID: MW-5
Prep Type: Total/NA
Prep Batch: 642658

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		4.00	3.93		ug/L		98	28 - 150	1	50
PCB-1260	ND		4.00	3.48		ug/L		87	25 - 131	3	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*63*		*19 - 120*
DCB Decachlorobiphenyl	*76*		*19 - 120*
Tetrachloro-m-xylene	*73*		*39 - 121*
Tetrachloro-m-xylene	*74*		*39 - 121*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 480-642326/1-A
Matrix: Water
Analysis Batch: 642733

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 642326

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		0.50	0.068	ug/L		09/22/22 09:11	09/26/22 11:45	1
Silvex (2,4,5-TP)	ND		0.50	0.050	ug/L		09/22/22 09:11	09/26/22 11:45	1
2,4-D	ND		0.50	0.17	ug/L		09/22/22 09:11	09/26/22 11:45	1
Dichlorprop	ND		0.50	0.12	ug/L		09/22/22 09:11	09/26/22 11:45	1
Dinoseb	ND		0.50	0.14	ug/L		09/22/22 09:11	09/26/22 11:45	1
Pentachlorophenol	ND		0.50	0.049	ug/L		09/22/22 09:11	09/26/22 11:45	1
Picloram	ND		0.50	0.072	ug/L		09/22/22 09:11	09/26/22 11:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*104*		*48 - 132*	*09/22/22 09:11*	*09/26/22 11:45*	*1*
2,4-Dichlorophenylacetic acid	*95*		*48 - 132*	*09/22/22 09:11*	*09/26/22 11:45*	*1*

Lab Sample ID: LCS 480-642326/2-A
Matrix: Water
Analysis Batch: 642733

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 642326

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	2.00	1.86		ug/L		93	41 - 150
Silvex (2,4,5-TP)	2.00	1.89		ug/L		95	49 - 150
2,4-D	2.00	1.87		ug/L		94	36 - 150
Dichlorprop	2.00	2.07		ug/L		104	33 - 150
Dinoseb	2.00	1.97		ug/L		99	21 - 120
Pentachlorophenol	2.00	1.83		ug/L		91	29 - 143

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCS 480-642326/2-A
Matrix: Water
Analysis Batch: 642733

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 642326

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Picloram			2.00	1.72		ug/L		86	34 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*96*		*48 - 132*
2,4-Dichlorophenylacetic acid	*90*		*48 - 132*

Lab Sample ID: 480-201794-3 MS
Matrix: Water
Analysis Batch: 642733

Client Sample ID: MW-5
Prep Type: Total/NA
Prep Batch: 642326

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
2,4,5-T	ND		1.90	1.88		ug/L		99	34 - 138		
Silvex (2,4,5-TP)	ND		1.90	1.70		ug/L		89	25 - 146		
2,4-D	ND		1.90	1.73		ug/L		91	31 - 150		
Dichlorprop	ND		1.90	1.89		ug/L		99	26 - 150		
Dinoseb	ND		1.90	1.70		ug/L		89	10 - 143		
Pentachlorophenol	ND	F1	1.90	ND	F1	ug/L		0	27 - 122		
Picloram	ND		1.90	1.51		ug/L		79	33 - 150		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*96*		*48 - 132*
2,4-Dichlorophenylacetic acid	*134*	*S1+*	*48 - 132*

Lab Sample ID: 480-201794-3 MSD
Matrix: Water
Analysis Batch: 642733

Client Sample ID: MW-5
Prep Type: Total/NA
Prep Batch: 642326

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-T	ND		1.90	1.57		ug/L		82	34 - 138	18	50
Silvex (2,4,5-TP)	ND		1.90	1.42		ug/L		74	25 - 146	19	50
2,4-D	ND		1.90	1.45		ug/L		76	31 - 150	17	50
Dichlorprop	ND		1.90	1.60		ug/L		84	26 - 150	17	50
Dinoseb	ND		1.90	1.45		ug/L		76	10 - 143	16	50
Pentachlorophenol	ND	F1	1.90	ND	F1	ug/L		0	27 - 122	NC	50
Picloram	ND		1.90	1.37		ug/L		72	33 - 150	9	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*91*		*48 - 132*
2,4-Dichlorophenylacetic acid	*102*		*48 - 132*

Method: 537 IDA - EPA 537 Isotope Dilution

Lab Sample ID: MB 410-301165/1-A
Matrix: Water
Analysis Batch: 303608

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 301165

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	ND		2.0	0.90	ng/L		09/29/22 08:11	10/06/22 10:49	1

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Lab Sample ID: MB 410-301165/1-A
Matrix: Water
Analysis Batch: 303608

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 301165

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroheptanoic acid	ND		2.0	0.50	ng/L		09/29/22 08:11	10/06/22 10:49	1
Perfluorooctanoic acid	ND		2.0	0.50	ng/L		09/29/22 08:11	10/06/22 10:49	1
Perfluorononanoic acid	ND		2.0	0.50	ng/L		09/29/22 08:11	10/06/22 10:49	1
Perfluorodecanoic acid	ND		2.0	0.50	ng/L		09/29/22 08:11	10/06/22 10:49	1
Perfluorotridecanoic acid	ND		2.0	0.50	ng/L		09/29/22 08:11	10/06/22 10:49	1
Perfluorotetradecanoic acid	ND		2.0	0.50	ng/L		09/29/22 08:11	10/06/22 10:49	1
Perfluorobutanesulfonic acid	ND		2.0	0.50	ng/L		09/29/22 08:11	10/06/22 10:49	1
Perfluorohexanesulfonic acid	ND		2.0	0.50	ng/L		09/29/22 08:11	10/06/22 10:49	1
Perfluorooctanesulfonic acid	ND		2.0	1.0	ng/L		09/29/22 08:11	10/06/22 10:49	1
NEtFOSAA	ND		3.0	0.50	ng/L		09/29/22 08:11	10/06/22 10:49	1
NMeFOSAA	ND		2.0	0.60	ng/L		09/29/22 08:11	10/06/22 10:49	1
Perfluoroheptanesulfonic acid	ND		2.0	0.50	ng/L		09/29/22 08:11	10/06/22 10:49	1
Perfluorodecanesulfonic acid	ND		2.0	0.50	ng/L		09/29/22 08:11	10/06/22 10:49	1
Perfluorooctanesulfonamide	ND		2.0	0.70	ng/L		09/29/22 08:11	10/06/22 10:49	1
Perfluorobutanoic acid	ND		5.0	2.0	ng/L		09/29/22 08:11	10/06/22 10:49	1
Perfluoroundecanoic acid	ND		2.0	0.50	ng/L		09/29/22 08:11	10/06/22 10:49	1
Perfluorododecanoic acid	ND		2.0	0.50	ng/L		09/29/22 08:11	10/06/22 10:49	1
6:2 Fluorotelomer sulfonic acid	ND		5.0	4.2	ng/L		09/29/22 08:11	10/06/22 10:49	1
8:2 Fluorotelomer sulfonic acid	ND		3.0	1.0	ng/L		09/29/22 08:11	10/06/22 10:49	1
Perfluoropentanoic acid	ND		2.0	0.50	ng/L		09/29/22 08:11	10/06/22 10:49	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-8:2 FTS	*83*		*33 - 200*	*09/29/22 08:11*	*10/06/22 10:49*	*1*
M2-6:2 FTS	*83*		*17 - 200*	*09/29/22 08:11*	*10/06/22 10:49*	*1*
13C5 PFHxA	*78*		*24 - 179*	*09/29/22 08:11*	*10/06/22 10:49*	*1*
13C4 PFHpA	*86*		*31 - 182*	*09/29/22 08:11*	*10/06/22 10:49*	*1*
13C8 PFOA	*83*		*48 - 162*	*09/29/22 08:11*	*10/06/22 10:49*	*1*
13C9 PFNA	*90*		*51 - 167*	*09/29/22 08:11*	*10/06/22 10:49*	*1*
13C6 PFDA	*96*		*49 - 163*	*09/29/22 08:11*	*10/06/22 10:49*	*1*
13C7 PFUnA	*88*		*34 - 174*	*09/29/22 08:11*	*10/06/22 10:49*	*1*
13C2-PFDoDA	*83*		*17 - 176*	*09/29/22 08:11*	*10/06/22 10:49*	*1*
13C2 PFTeDA	*87*		*10 - 179*	*09/29/22 08:11*	*10/06/22 10:49*	*1*
13C3 PFBS	*82*		*16 - 200*	*09/29/22 08:11*	*10/06/22 10:49*	*1*
13C3 PFHxS	*82*		*28 - 188*	*09/29/22 08:11*	*10/06/22 10:49*	*1*
13C8 PFOS	*95*		*51 - 159*	*09/29/22 08:11*	*10/06/22 10:49*	*1*
d3-NMeFOSAA	*88*		*31 - 174*	*09/29/22 08:11*	*10/06/22 10:49*	*1*
d5-NEtFOSAA	*79*		*29 - 195*	*09/29/22 08:11*	*10/06/22 10:49*	*1*
13C8 FOSA	*83*		*10 - 168*	*09/29/22 08:11*	*10/06/22 10:49*	*1*
13C4 PFBA	*86*		*42 - 165*	*09/29/22 08:11*	*10/06/22 10:49*	*1*
13C5 PFPeA	*84*		*38 - 187*	*09/29/22 08:11*	*10/06/22 10:49*	*1*

Lab Sample ID: LCS 410-301165/3-A
Matrix: Water
Analysis Batch: 303608

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 301165

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorohexanoic acid	25.6	25.2		ng/L		99	58 - 139
Perfluoroheptanoic acid	25.6	23.8		ng/L		93	59 - 145
Perfluorooctanoic acid	25.6	23.6		ng/L		92	51 - 145

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Lab Sample ID: LCS 410-301165/3-A
Matrix: Water
Analysis Batch: 303608

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 301165

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorononanoic acid	25.6	24.1		ng/L		94	61 - 139
Perfluorodecanoic acid	25.6	25.6		ng/L		100	56 - 138
Perfluorotridecanoic acid	25.6	24.3		ng/L		95	58 - 146
Perfluorotetradecanoic acid	25.6	26.1		ng/L		102	62 - 139
Perfluorobutanesulfonic acid	22.7	24.2		ng/L		107	53 - 138
Perfluorohexanesulfonic acid	23.3	20.1		ng/L		86	58 - 134
Perfluorooctanesulfonic acid	23.7	22.3		ng/L		94	45 - 150
NEtFOSAA	25.6	23.7		ng/L		93	55 - 134
NMeFOSAA	25.6	26.8		ng/L		105	59 - 140
Perfluoroheptanesulfonic acid	24.4	21.1		ng/L		86	56 - 140
Perfluorodecanesulfonic acid	24.7	23.4		ng/L		95	55 - 137
Perfluorooctanesulfonamide	25.6	26.0		ng/L		101	43 - 167
Perfluorobutanoic acid	25.6	25.2		ng/L		98	59 - 136
Perfluoroundecanoic acid	25.6	23.6		ng/L		92	60 - 141
Perfluorododecanoic acid	25.6	23.9		ng/L		93	59 - 143
6:2 Fluorotelomer sulfonic acid	24.3	25.0		ng/L		103	28 - 173
8:2 Fluorotelomer sulfonic acid	24.5	25.6		ng/L		104	55 - 138
Perfluoropentanoic acid	25.6	25.6		ng/L		100	57 - 141

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
M2-8:2 FTS	*91*		*33 - 200*
M2-6:2 FTS	*88*		*17 - 200*
13C5 PFHxA	*88*		*24 - 179*
13C4 PFHpA	*96*		*31 - 182*
13C8 PFOA	*93*		*48 - 162*
13C9 PFNA	*103*		*51 - 167*
13C6 PFDA	*97*		*49 - 163*
13C7 PFUnA	*101*		*34 - 174*
13C2-PFDoDA	*96*		*17 - 176*
13C2 PFTeDA	*92*		*10 - 179*
13C3 PFBS	*90*		*16 - 200*
13C3 PFHxS	*105*		*28 - 188*
13C8 PFOS	*106*		*51 - 159*
d3-NMeFOSAA	*92*		*31 - 174*
d5-NEtFOSAA	*92*		*29 - 195*
13C8 FOSA	*90*		*10 - 168*
13C4 PFBA	*100*		*42 - 165*
13C5 PFPeA	*94*		*38 - 187*

Lab Sample ID: 480-201794-3 MS
Matrix: Water
Analysis Batch: 303608

Client Sample ID: MW-5
Prep Type: Total/NA
Prep Batch: 301165

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorohexanoic acid	2.3		23.3	26.1		ng/L		102	58 - 139
Perfluoroheptanoic acid	2.2		23.3	25.5		ng/L		100	59 - 145
Perfluorooctanoic acid	15		23.3	36.6		ng/L		94	51 - 145
Perfluorononanoic acid	ND		23.3	23.0		ng/L		99	61 - 139
Perfluorodecanoic acid	ND		23.3	20.8		ng/L		89	56 - 138

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Lab Sample ID: 480-201794-3 MS
Matrix: Water
Analysis Batch: 303608

Client Sample ID: MW-5
Prep Type: Total/NA
Prep Batch: 301165

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorotridecanoic acid	ND		23.3	21.1		ng/L		90	58 - 146
Perfluorotetradecanoic acid	ND		23.3	23.5		ng/L		101	62 - 139
Perfluorobutanesulfonic acid	7.2	I	20.6	29.0		ng/L		106	53 - 138
Perfluorohexanesulfonic acid	3.6		21.3	23.4		ng/L		93	58 - 134
Perfluorooctanesulfonic acid	ND		21.6	21.9		ng/L		101	45 - 150
NEtFOSAA	ND		23.3	25.2		ng/L		108	55 - 134
NMeFOSAA	ND		23.3	21.2		ng/L		91	59 - 140
Perfluoroheptanesulfonic acid	ND		22.2	22.8		ng/L		102	56 - 140
Perfluorodecanesulfonic acid	ND		22.5	23.6		ng/L		105	55 - 137
Perfluorooctanesulfonamide	ND		23.3	24.3		ng/L		104	43 - 167
Perfluorobutanoic acid	11		23.3	33.0		ng/L		93	59 - 136
Perfluoroundecanoic acid	ND		23.3	21.6		ng/L		93	60 - 141
Perfluorododecanoic acid	ND		23.3	20.9		ng/L		90	59 - 143
6:2 Fluorotelomer sulfonic acid	ND		22.1	22.1		ng/L		100	28 - 173
8:2 Fluorotelomer sulfonic acid	ND		22.4	23.0		ng/L		103	55 - 138
Perfluoropentanoic acid	4.2		23.3	27.1		ng/L		98	57 - 141

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
M2-8:2 FTS	*153*		*33 - 200*
M2-6:2 FTS	*242*	*5+	*17 - 200*
13C5 PFHxA	*71*		*24 - 179*
13C4 PFHpA	*78*		*31 - 182*
13C8 PFOA	*98*		*48 - 162*
13C9 PFNA	*82*		*51 - 167*
13C6 PFDA	*96*		*49 - 163*
13C7 PFUnA	*100*		*34 - 174*
13C2-PFDoDA	*105*		*17 - 176*
13C2 PFTeDA	*98*		*10 - 179*
13C3 PFBS	*193*		*16 - 200*
13C3 PFHxS	*121*		*28 - 188*
13C8 PFOS	*101*		*51 - 159*
d3-NMeFOSAA	*94*		*31 - 174*
d5-NEtFOSAA	*90*		*29 - 195*
13C8 FOSA	*81*		*10 - 168*
13C4 PFBA	*102*		*42 - 165*
13C5 PFPeA	*111*		*38 - 187*

Lab Sample ID: 480-201794-3 MSD
Matrix: Water
Analysis Batch: 303608

Client Sample ID: MW-5
Prep Type: Total/NA
Prep Batch: 301165

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorohexanoic acid	2.3		23.1	27.5		ng/L		109	58 - 139	5	30
Perfluoroheptanoic acid	2.2		23.1	23.9		ng/L		94	59 - 145	6	30
Perfluorooctanoic acid	15		23.1	38.2		ng/L		102	51 - 145	4	30
Perfluorononanoic acid	ND		23.1	23.1		ng/L		100	61 - 139	0	30
Perfluorodecanoic acid	ND		23.1	20.9		ng/L		90	56 - 138	0	30
Perfluorotridecanoic acid	ND		23.1	23.8		ng/L		103	58 - 146	12	30
Perfluorotetradecanoic acid	ND		23.1	23.0		ng/L		100	62 - 139	2	30

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Lab Sample ID: 480-201794-3 MSD
Matrix: Water
Analysis Batch: 303608

Client Sample ID: MW-5
Prep Type: Total/NA
Prep Batch: 301165

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanesulfonic acid	7.2	I	20.4	28.6		ng/L		105	53 - 138	1	30
Perfluorohexanesulfonic acid	3.6		21.0	24.6		ng/L		100	58 - 134	5	30
Perfluorooctanesulfonic acid	ND		21.3	22.6		ng/L		106	45 - 150	3	30
NEtFOSAA	ND		23.1	25.5		ng/L		111	55 - 134	1	30
NMeFOSAA	ND		23.1	23.3		ng/L		101	59 - 140	10	30
Perfluoroheptanesulfonic acid	ND		21.9	24.6		ng/L		112	56 - 140	8	30
Perfluorodecanesulfonic acid	ND		22.2	22.5		ng/L		101	55 - 137	5	30
Perfluorooctanesulfonamide	ND		23.1	23.2		ng/L		101	43 - 167	5	30
Perfluorobutanoic acid	11		23.1	33.2		ng/L		95	59 - 136	1	30
Perfluoroundecanoic acid	ND		23.1	20.8		ng/L		90	60 - 141	4	30
Perfluorododecanoic acid	ND		23.1	22.2		ng/L		96	59 - 143	6	30
6:2 Fluorotelomer sulfonic acid	ND		21.9	22.2		ng/L		102	28 - 173	0	30
8:2 Fluorotelomer sulfonic acid	ND		22.1	21.5		ng/L		97	55 - 138	7	30
Perfluoropentanoic acid	4.2		23.1	27.5		ng/L		101	57 - 141	1	30

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
M2-8:2 FTS	*154*		*33 - 200*
M2-6:2 FTS	*242*	*5+	*17 - 200*
13C5 PFHxA	*68*		*24 - 179*
13C4 PFHpA	*75*		*31 - 182*
13C8 PFOA	*93*		*48 - 162*
13C9 PFNA	*81*		*51 - 167*
13C6 PFDA	*93*		*49 - 163*
13C7 PFUnA	*98*		*34 - 174*
13C2-PFDoDA	*95*		*17 - 176*
13C2 PFTeDA	*98*		*10 - 179*
13C3 PFBS	*202*	*5+	*16 - 200*
13C3 PFHxS	*115*		*28 - 188*
13C8 PFOS	*101*		*51 - 159*
d3-NMeFOSAA	*86*		*31 - 174*
d5-NEtFOSAA	*82*		*29 - 195*
13C8 FOSA	*84*		*10 - 168*
13C4 PFBA	*104*		*42 - 165*
13C5 PFPeA	*110*		*38 - 187*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-642248/1-A
Matrix: Water
Analysis Batch: 642542

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 642248

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		09/22/22 09:19	09/22/22 17:17	1
Antimony	ND		0.020	0.0068	mg/L		09/22/22 09:19	09/22/22 17:17	1
Arsenic	ND		0.015	0.0056	mg/L		09/22/22 09:19	09/22/22 17:17	1
Barium	ND		0.0020	0.00070	mg/L		09/22/22 09:19	09/22/22 17:17	1
Beryllium	ND		0.0020	0.00030	mg/L		09/22/22 09:19	09/22/22 17:17	1
Cadmium	ND		0.0020	0.00050	mg/L		09/22/22 09:19	09/22/22 17:17	1
Calcium	ND		0.50	0.10	mg/L		09/22/22 09:19	09/22/22 17:17	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 480-642248/1-A
Matrix: Water
Analysis Batch: 642542

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 642248

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	ND		0.0040	0.0010	mg/L		09/22/22 09:19	09/22/22 17:17	1
Cobalt	ND		0.0040	0.00063	mg/L		09/22/22 09:19	09/22/22 17:17	1
Copper	ND		0.010	0.0016	mg/L		09/22/22 09:19	09/22/22 17:17	1
Iron	ND		0.050	0.019	mg/L		09/22/22 09:19	09/22/22 17:17	1
Lead	ND		0.010	0.0030	mg/L		09/22/22 09:19	09/22/22 17:17	1
Magnesium	ND		0.20	0.043	mg/L		09/22/22 09:19	09/22/22 17:17	1
Manganese	ND		0.0030	0.00040	mg/L		09/22/22 09:19	09/22/22 17:17	1
Nickel	ND		0.010	0.0013	mg/L		09/22/22 09:19	09/22/22 17:17	1
Potassium	ND		0.50	0.10	mg/L		09/22/22 09:19	09/22/22 17:17	1
Selenium	ND		0.025	0.0087	mg/L		09/22/22 09:19	09/22/22 17:17	1
Silver	ND		0.0060	0.0017	mg/L		09/22/22 09:19	09/22/22 17:17	1
Sodium	ND		1.0	0.32	mg/L		09/22/22 09:19	09/22/22 17:17	1
Thallium	ND		0.020	0.010	mg/L		09/22/22 09:19	09/22/22 17:17	1
Vanadium	ND		0.0050	0.0015	mg/L		09/22/22 09:19	09/22/22 17:17	1
Zinc	ND		0.010	0.0015	mg/L		09/22/22 09:19	09/22/22 17:17	1

Lab Sample ID: LCS 480-642248/2-A
Matrix: Water
Analysis Batch: 642542

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 642248

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	10.0	9.78		mg/L		98	80 - 120
Antimony	0.200	0.200		mg/L		100	80 - 120
Arsenic	0.201	0.197		mg/L		98	80 - 120
Barium	0.200	0.199		mg/L		100	80 - 120
Beryllium	0.200	0.206		mg/L		103	80 - 120
Cadmium	0.200	0.196		mg/L		98	80 - 120
Calcium	10.0	9.84		mg/L		98	80 - 120
Chromium	0.200	0.196		mg/L		98	80 - 120
Cobalt	0.200	0.197		mg/L		98	80 - 120
Copper	0.200	0.200		mg/L		100	80 - 120
Iron	10.0	9.98		mg/L		100	80 - 120
Lead	0.201	0.196		mg/L		98	80 - 120
Magnesium	10.0	9.75		mg/L		97	80 - 120
Manganese	0.200	0.205		mg/L		103	80 - 120
Nickel	0.200	0.195		mg/L		97	80 - 120
Potassium	10.0	9.81		mg/L		98	80 - 120
Selenium	0.200	0.190		mg/L		95	80 - 120
Silver	0.0500	0.0483		mg/L		97	80 - 120
Sodium	10.0	9.56		mg/L		96	80 - 120
Thallium	0.200	0.201		mg/L		100	80 - 120
Vanadium	0.201	0.194		mg/L		97	80 - 120
Zinc	0.200	0.202		mg/L		101	80 - 120

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-201794-3 MS
Matrix: Water
Analysis Batch: 642542

Client Sample ID: MW-5
Prep Type: Total/NA
Prep Batch: 642248

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	ND		10.0	9.94		mg/L		99	75 - 125
Antimony	ND		0.200	0.203		mg/L		102	75 - 125
Arsenic	ND		0.201	0.206		mg/L		103	75 - 125
Barium	0.061		0.200	0.250		mg/L		94	75 - 125
Beryllium	ND		0.200	0.209		mg/L		104	75 - 125
Cadmium	0.00051	J	0.200	0.202		mg/L		101	75 - 125
Calcium	169		10.0	173.6	4	mg/L		50	75 - 125
Chromium	ND		0.200	0.193		mg/L		96	75 - 125
Cobalt	0.0017	J	0.200	0.206		mg/L		102	75 - 125
Copper	0.0034	J	0.200	0.204		mg/L		100	75 - 125
Iron	0.21		10.0	10.11		mg/L		99	75 - 125
Lead	0.0037	J	0.201	0.203		mg/L		99	75 - 125
Magnesium	51.2		10.0	59.03	4	mg/L		78	75 - 125
Manganese	4.6		0.200	4.74	4	mg/L		84	75 - 125
Nickel	0.0062	J	0.200	0.206		mg/L		100	75 - 125
Potassium	0.72		10.0	10.88		mg/L		101	75 - 125
Selenium	ND		0.200	0.189		mg/L		95	75 - 125
Silver	ND		0.0500	0.0489		mg/L		98	75 - 125
Sodium	134		10.0	137.8	4	mg/L		39	75 - 125
Thallium	ND		0.200	0.202		mg/L		101	75 - 125
Vanadium	ND		0.201	0.197		mg/L		98	75 - 125
Zinc	ND		0.200	0.201		mg/L		101	75 - 125

Lab Sample ID: 480-201794-3 MSD
Matrix: Water
Analysis Batch: 642542

Client Sample ID: MW-5
Prep Type: Total/NA
Prep Batch: 642248

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	ND		10.0	9.98		mg/L		100	75 - 125	0	20
Antimony	ND		0.200	0.208		mg/L		104	75 - 125	2	20
Arsenic	ND		0.201	0.214		mg/L		107	75 - 125	4	20
Barium	0.061		0.200	0.255		mg/L		97	75 - 125	2	20
Beryllium	ND		0.200	0.210		mg/L		105	75 - 125	1	20
Cadmium	0.00051	J	0.200	0.205		mg/L		102	75 - 125	2	20
Calcium	169		10.0	178.6	4	mg/L		100	75 - 125	3	20
Chromium	ND		0.200	0.197		mg/L		98	75 - 125	2	20
Cobalt	0.0017	J	0.200	0.210		mg/L		104	75 - 125	2	20
Copper	0.0034	J	0.200	0.208		mg/L		102	75 - 125	2	20
Iron	0.21		10.0	10.20		mg/L		100	75 - 125	1	20
Lead	0.0037	J	0.201	0.208		mg/L		102	75 - 125	2	20
Magnesium	51.2		10.0	61.12	4	mg/L		99	75 - 125	3	20
Manganese	4.6		0.200	4.89	4	mg/L		160	75 - 125	3	20
Nickel	0.0062	J	0.200	0.209		mg/L		101	75 - 125	2	20
Potassium	0.72		10.0	11.00		mg/L		103	75 - 125	1	20
Selenium	ND		0.200	0.198		mg/L		99	75 - 125	5	20
Silver	ND		0.0500	0.0499		mg/L		100	75 - 125	2	20
Sodium	134		10.0	140.4	4	mg/L		65	75 - 125	2	20
Thallium	ND		0.200	0.204		mg/L		102	75 - 125	1	20
Vanadium	ND		0.201	0.201		mg/L		100	75 - 125	2	20

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-201794-3 MSD — **Client Sample ID: MW-5**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 642542 — **Prep Batch: 642248**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Zinc	ND		0.200	0.207		mg/L		103	75 - 125	3	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-642205/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 642275 — **Prep Batch: 642205**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		09/21/22 11:30	09/21/22 16:37	1

Lab Sample ID: LCS 480-642205/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 642275 — **Prep Batch: 642205**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00667	0.00667		mg/L		100	80 - 120

Lab Sample ID: 480-201794-3 MS — **Client Sample ID: MW-5**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 642275 — **Prep Batch: 642205**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.00667	0.00658		mg/L		99	80 - 120

Lab Sample ID: 480-201794-3 MSD — **Client Sample ID: MW-5**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 642275 — **Prep Batch: 642205**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00662		mg/L		99	80 - 120	1	20

QC Association Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201794-1

GC/MS VOA

Analysis Batch: 642412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201794-1	MW-8	Total/NA	Water	8260C	
480-201794-2	MW-6	Total/NA	Water	8260C	
480-201794-3	MW-5	Total/NA	Water	8260C	
480-201794-4	DUP-1	Total/NA	Water	8260C	
480-201794-5	MW-4	Total/NA	Water	8260C	
MB 480-642412/8	Method Blank	Total/NA	Water	8260C	
LCS 480-642412/6	Lab Control Sample	Total/NA	Water	8260C	
480-201794-3 MS	MW-5	Total/NA	Water	8260C	
480-201794-3 MSD	MW-5	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 642466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201794-1	MW-8	Total/NA	Water	3510C	
480-201794-2	MW-6	Total/NA	Water	3510C	
480-201794-3	MW-5	Total/NA	Water	3510C	
480-201794-4	DUP-1	Total/NA	Water	3510C	
480-201794-5	MW-4	Total/NA	Water	3510C	
MB 480-642466/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-642466/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-201794-3 MS	MW-5	Total/NA	Water	3510C	
480-201794-3 MSD	MW-5	Total/NA	Water	3510C	

Analysis Batch: 642775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201794-1	MW-8	Total/NA	Water	8270D SIM ID	642466
480-201794-2	MW-6	Total/NA	Water	8270D SIM ID	642466
480-201794-3	MW-5	Total/NA	Water	8270D SIM ID	642466
480-201794-4	DUP-1	Total/NA	Water	8270D SIM ID	642466
480-201794-5	MW-4	Total/NA	Water	8270D SIM ID	642466
MB 480-642466/1-A	Method Blank	Total/NA	Water	8270D SIM ID	642466
LCS 480-642466/2-A	Lab Control Sample	Total/NA	Water	8270D SIM ID	642466
480-201794-3 MS	MW-5	Total/NA	Water	8270D SIM ID	642466
480-201794-3 MSD	MW-5	Total/NA	Water	8270D SIM ID	642466

Prep Batch: 642869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201794-1	MW-8	Total/NA	Water	3510C	
480-201794-2	MW-6	Total/NA	Water	3510C	
480-201794-3	MW-5	Total/NA	Water	3510C	
480-201794-4	DUP-1	Total/NA	Water	3510C	
480-201794-5	MW-4	Total/NA	Water	3510C	
MB 480-642869/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-642869/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-201794-3 MS	MW-5	Total/NA	Water	3510C	
480-201794-3 MSD	MW-5	Total/NA	Water	3510C	

Analysis Batch: 643076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201794-1	MW-8	Total/NA	Water	8270D	642869

GC/MS Semi VOA (Continued)

Analysis Batch: 643076 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201794-2	MW-6	Total/NA	Water	8270D	642869
480-201794-3	MW-5	Total/NA	Water	8270D	642869
480-201794-4	DUP-1	Total/NA	Water	8270D	642869
480-201794-5	MW-4	Total/NA	Water	8270D	642869
MB 480-642869/1-A	Method Blank	Total/NA	Water	8270D	642869
LCS 480-642869/2-A	Lab Control Sample	Total/NA	Water	8270D	642869
480-201794-3 MS	MW-5	Total/NA	Water	8270D	642869
480-201794-3 MSD	MW-5	Total/NA	Water	8270D	642869

GC Semi VOA

Prep Batch: 642326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201794-1	MW-8	Total/NA	Water	8151A	
480-201794-2	MW-6	Total/NA	Water	8151A	
480-201794-3	MW-5	Total/NA	Water	8151A	
480-201794-4	DUP-1	Total/NA	Water	8151A	
480-201794-5	MW-4	Total/NA	Water	8151A	
MB 480-642326/1-A	Method Blank	Total/NA	Water	8151A	
LCS 480-642326/2-A	Lab Control Sample	Total/NA	Water	8151A	
480-201794-3 MS	MW-5	Total/NA	Water	8151A	
480-201794-3 MSD	MW-5	Total/NA	Water	8151A	

Prep Batch: 642658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201794-1	MW-8	Total/NA	Water	3510C	
480-201794-2	MW-6	Total/NA	Water	3510C	
480-201794-3	MW-5	Total/NA	Water	3510C	
480-201794-4	DUP-1	Total/NA	Water	3510C	
480-201794-5	MW-4	Total/NA	Water	3510C	
MB 480-642658/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-642658/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-201794-3 MS	MW-5	Total/NA	Water	3510C	
480-201794-3 MSD	MW-5	Total/NA	Water	3510C	

Analysis Batch: 642678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201794-1	MW-8	Total/NA	Water	8082A	642658
480-201794-2	MW-6	Total/NA	Water	8082A	642658
480-201794-3	MW-5	Total/NA	Water	8082A	642658
480-201794-4	DUP-1	Total/NA	Water	8082A	642658
480-201794-5	MW-4	Total/NA	Water	8082A	642658
MB 480-642658/1-A	Method Blank	Total/NA	Water	8082A	642658
LCS 480-642658/2-A	Lab Control Sample	Total/NA	Water	8082A	642658
480-201794-3 MS	MW-5	Total/NA	Water	8082A	642658
480-201794-3 MSD	MW-5	Total/NA	Water	8082A	642658

Analysis Batch: 642733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201794-1	MW-8	Total/NA	Water	8151A	642326
480-201794-2	MW-6	Total/NA	Water	8151A	642326

GC Semi VOA (Continued)

Analysis Batch: 642733 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201794-3	MW-5	Total/NA	Water	8151A	642326
480-201794-4	DUP-1	Total/NA	Water	8151A	642326
480-201794-5	MW-4	Total/NA	Water	8151A	642326
MB 480-642326/1-A	Method Blank	Total/NA	Water	8151A	642326
LCS 480-642326/2-A	Lab Control Sample	Total/NA	Water	8151A	642326
480-201794-3 MS	MW-5	Total/NA	Water	8151A	642326
480-201794-3 MSD	MW-5	Total/NA	Water	8151A	642326

Prep Batch: 642987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201794-1	MW-8	Total/NA	Water	3510C	
480-201794-2	MW-6	Total/NA	Water	3510C	
480-201794-3	MW-5	Total/NA	Water	3510C	
480-201794-4	DUP-1	Total/NA	Water	3510C	
480-201794-5	MW-4	Total/NA	Water	3510C	
MB 480-642987/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-642987/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-201794-3 MS	MW-5	Total/NA	Water	3510C	
480-201794-3 MSD	MW-5	Total/NA	Water	3510C	

Analysis Batch: 643032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201794-1	MW-8	Total/NA	Water	8081B	642987
480-201794-2	MW-6	Total/NA	Water	8081B	642987
480-201794-3	MW-5	Total/NA	Water	8081B	642987
480-201794-4	DUP-1	Total/NA	Water	8081B	642987
480-201794-5	MW-4	Total/NA	Water	8081B	642987
MB 480-642987/1-A	Method Blank	Total/NA	Water	8081B	642987
LCS 480-642987/2-A	Lab Control Sample	Total/NA	Water	8081B	642987
480-201794-3 MS	MW-5	Total/NA	Water	8081B	642987
480-201794-3 MSD	MW-5	Total/NA	Water	8081B	642987

LCMS

Prep Batch: 301165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201794-1	MW-8	Total/NA	Water	537 IDA	
480-201794-2	MW-6	Total/NA	Water	537 IDA	
480-201794-3	MW-5	Total/NA	Water	537 IDA	
480-201794-4 - RA	DUP-1	Total/NA	Water	537 IDA	
480-201794-4	DUP-1	Total/NA	Water	537 IDA	
480-201794-5	MW-4	Total/NA	Water	537 IDA	
480-201794-6	EQUIP BLANK	Total/NA	Water	537 IDA	
480-201794-7	FIELD BLANK	Total/NA	Water	537 IDA	
MB 410-301165/1-A	Method Blank	Total/NA	Water	537 IDA	
LCS 410-301165/3-A	Lab Control Sample	Total/NA	Water	537 IDA	
480-201794-3 MS	MW-5	Total/NA	Water	537 IDA	
480-201794-3 MSD	MW-5	Total/NA	Water	537 IDA	

LCMS

Analysis Batch: 303608

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201794-1	MW-8	Total/NA	Water	537 IDA	301165
480-201794-2	MW-6	Total/NA	Water	537 IDA	301165
480-201794-3	MW-5	Total/NA	Water	537 IDA	301165
480-201794-4	DUP-1	Total/NA	Water	537 IDA	301165
480-201794-5	MW-4	Total/NA	Water	537 IDA	301165
480-201794-6	EQUIP BLANK	Total/NA	Water	537 IDA	301165
480-201794-7	FIELD BLANK	Total/NA	Water	537 IDA	301165
MB 410-301165/1-A	Method Blank	Total/NA	Water	537 IDA	301165
LCS 410-301165/3-A	Lab Control Sample	Total/NA	Water	537 IDA	301165
480-201794-3 MS	MW-5	Total/NA	Water	537 IDA	301165
480-201794-3 MSD	MW-5	Total/NA	Water	537 IDA	301165

Analysis Batch: 304218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201794-4 - RA	DUP-1	Total/NA	Water	537 IDA	301165

Metals

Prep Batch: 642205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201794-1	MW-8	Total/NA	Water	7470A	
480-201794-2	MW-6	Total/NA	Water	7470A	
480-201794-3	MW-5	Total/NA	Water	7470A	
480-201794-4	DUP-1	Total/NA	Water	7470A	
480-201794-5	MW-4	Total/NA	Water	7470A	
MB 480-642205/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-642205/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-201794-3 MS	MW-5	Total/NA	Water	7470A	
480-201794-3 MSD	MW-5	Total/NA	Water	7470A	

Prep Batch: 642248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201794-1	MW-8	Total/NA	Water	3005A	
480-201794-2	MW-6	Total/NA	Water	3005A	
480-201794-3	MW-5	Total/NA	Water	3005A	
480-201794-4	DUP-1	Total/NA	Water	3005A	
480-201794-5	MW-4	Total/NA	Water	3005A	
MB 480-642248/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-642248/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-201794-3 MS	MW-5	Total/NA	Water	3005A	
480-201794-3 MSD	MW-5	Total/NA	Water	3005A	

Analysis Batch: 642275

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201794-1	MW-8	Total/NA	Water	7470A	642205
480-201794-2	MW-6	Total/NA	Water	7470A	642205
480-201794-3	MW-5	Total/NA	Water	7470A	642205
480-201794-4	DUP-1	Total/NA	Water	7470A	642205
480-201794-5	MW-4	Total/NA	Water	7470A	642205
MB 480-642205/1-A	Method Blank	Total/NA	Water	7470A	642205
LCS 480-642205/2-A	Lab Control Sample	Total/NA	Water	7470A	642205

Metals (Continued)

Analysis Batch: 642275 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201794-3 MS	MW-5	Total/NA	Water	7470A	642205
480-201794-3 MSD	MW-5	Total/NA	Water	7470A	642205

Analysis Batch: 642542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201794-1	MW-8	Total/NA	Water	6010C	642248
480-201794-2	MW-6	Total/NA	Water	6010C	642248
480-201794-3	MW-5	Total/NA	Water	6010C	642248
480-201794-4	DUP-1	Total/NA	Water	6010C	642248
480-201794-5	MW-4	Total/NA	Water	6010C	642248
MB 480-642248/1-A	Method Blank	Total/NA	Water	6010C	642248
LCS 480-642248/2-A	Lab Control Sample	Total/NA	Water	6010C	642248
480-201794-3 MS	MW-5	Total/NA	Water	6010C	642248
480-201794-3 MSD	MW-5	Total/NA	Water	6010C	642248

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201794-1

Client Sample ID: MW-8

Lab Sample ID: 480-201794-1

Date Collected: 09/20/22 09:15

Matrix: Water

Date Received: 09/20/22 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	642412	AXK	EET BUF	09/23/22 01:13
Total/NA	Prep	3510C			642869	MS	EET BUF	09/27/22 08:11
Total/NA	Analysis	8270D		1	643076	JMM	EET BUF	09/28/22 19:37
Total/NA	Prep	3510C			642466	SJM	EET BUF	09/22/22 17:11
Total/NA	Analysis	8270D SIM ID		1	642775	IMZ	EET BUF	09/26/22 14:54
Total/NA	Prep	3510C			642987	SJM	EET BUF	09/27/22 15:49
Total/NA	Analysis	8081B		1	643032	JLS	EET BUF	09/28/22 11:48
Total/NA	Prep	3510C			642658	JMP	EET BUF	09/24/22 09:31
Total/NA	Analysis	8082A		1	642678	W1T	EET BUF	09/25/22 16:47
Total/NA	Prep	8151A			642326	JMP	EET BUF	09/22/22 09:11
Total/NA	Analysis	8151A		1	642733	MAN	EET BUF	09/26/22 13:15
Total/NA	Prep	537 IDA			301165	RC3V	ELLE	09/29/22 08:11
Total/NA	Analysis	537 IDA		1	303608	JVK6	ELLE	10/06/22 12:40
Total/NA	Prep	3005A			642248	NZG	EET BUF	09/22/22 09:19
Total/NA	Analysis	6010C		1	642542	LMH	EET BUF	09/22/22 18:00
Total/NA	Prep	7470A			642205	NZG	EET BUF	09/21/22 11:30
Total/NA	Analysis	7470A		1	642275	NVK	EET BUF	09/21/22 16:40

Client Sample ID: MW-6

Lab Sample ID: 480-201794-2

Date Collected: 09/20/22 10:30

Matrix: Water

Date Received: 09/20/22 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	642412	AXK	EET BUF	09/23/22 01:35
Total/NA	Prep	3510C			642869	MS	EET BUF	09/27/22 08:11
Total/NA	Analysis	8270D		1	643076	JMM	EET BUF	09/28/22 20:05
Total/NA	Prep	3510C			642466	SJM	EET BUF	09/22/22 17:11
Total/NA	Analysis	8270D SIM ID		1	642775	IMZ	EET BUF	09/26/22 15:16
Total/NA	Prep	3510C			642987	SJM	EET BUF	09/27/22 15:49
Total/NA	Analysis	8081B		1	643032	JLS	EET BUF	09/28/22 12:07
Total/NA	Prep	3510C			642658	JMP	EET BUF	09/24/22 09:31
Total/NA	Analysis	8082A		1	642678	W1T	EET BUF	09/25/22 17:01
Total/NA	Prep	8151A			642326	JMP	EET BUF	09/22/22 09:11
Total/NA	Analysis	8151A		1	642733	MAN	EET BUF	09/26/22 13:33
Total/NA	Prep	537 IDA			301165	RC3V	ELLE	09/29/22 08:11
Total/NA	Analysis	537 IDA		1	303608	JVK6	ELLE	10/06/22 12:52
Total/NA	Prep	3005A			642248	NZG	EET BUF	09/22/22 09:19
Total/NA	Analysis	6010C		1	642542	LMH	EET BUF	09/22/22 18:04
Total/NA	Prep	7470A			642205	NZG	EET BUF	09/21/22 11:30
Total/NA	Analysis	7470A		1	642275	NVK	EET BUF	09/21/22 16:41

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201794-1

Client Sample ID: MW-5

Date Collected: 09/20/22 12:10
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	642412	AXK	EET BUF	09/23/22 01:57
Total/NA	Prep	3510C			642869	MS	EET BUF	09/27/22 08:11
Total/NA	Analysis	8270D		1	643076	JMM	EET BUF	09/28/22 15:30
Total/NA	Prep	3510C			642466	SJM	EET BUF	09/22/22 17:11
Total/NA	Analysis	8270D SIM ID		1	642775	IMZ	EET BUF	09/26/22 14:08
Total/NA	Prep	3510C			642987	SJM	EET BUF	09/27/22 15:49
Total/NA	Analysis	8081B		1	643032	JLS	EET BUF	09/28/22 10:49
Total/NA	Prep	3510C			642658	JMP	EET BUF	09/24/22 09:31
Total/NA	Analysis	8082A		1	642678	W1T	EET BUF	09/25/22 15:27
Total/NA	Prep	8151A			642326	JMP	EET BUF	09/22/22 09:11
Total/NA	Analysis	8151A		1	642733	MAN	EET BUF	09/26/22 12:57
Total/NA	Prep	537 IDA			301165	RC3V	ELLE	09/29/22 08:11
Total/NA	Analysis	537 IDA		1	303608	JVK6	ELLE	10/06/22 13:03
Total/NA	Prep	3005A			642248	NZG	EET BUF	09/22/22 09:19
Total/NA	Analysis	6010C		1	642542	LMH	EET BUF	09/22/22 18:08
Total/NA	Prep	7470A			642205	NZG	EET BUF	09/21/22 11:30
Total/NA	Analysis	7470A		1	642275	NVK	EET BUF	09/21/22 16:42

Client Sample ID: DUP-1

Date Collected: 09/20/22 12:40
Date Received: 09/20/22 14:45

Lab Sample ID: 480-201794-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	642412	AXK	EET BUF	09/23/22 02:19
Total/NA	Prep	3510C			642869	MS	EET BUF	09/27/22 08:11
Total/NA	Analysis	8270D		1	643076	JMM	EET BUF	09/28/22 20:33
Total/NA	Prep	3510C			642466	SJM	EET BUF	09/22/22 17:11
Total/NA	Analysis	8270D SIM ID		1	642775	IMZ	EET BUF	09/26/22 15:38
Total/NA	Prep	3510C			642987	SJM	EET BUF	09/27/22 15:49
Total/NA	Analysis	8081B		1	643032	JLS	EET BUF	09/28/22 12:27
Total/NA	Prep	3510C			642658	JMP	EET BUF	09/24/22 09:31
Total/NA	Analysis	8082A		1	642678	W1T	EET BUF	09/25/22 17:14
Total/NA	Prep	8151A			642326	JMP	EET BUF	09/22/22 09:11
Total/NA	Analysis	8151A		1	642733	MAN	EET BUF	09/26/22 13:52
Total/NA	Prep	537 IDA			301165	RC3V	ELLE	09/29/22 08:11
Total/NA	Analysis	537 IDA		1	303608	JVK6	ELLE	10/06/22 13:47
Total/NA	Prep	537 IDA	RA		301165	RC3V	ELLE	09/29/22 08:11
Total/NA	Analysis	537 IDA	RA	1	304218	JVK6	ELLE	10/07/22 11:10
Total/NA	Prep	3005A			642248	NZG	EET BUF	09/22/22 09:19
Total/NA	Analysis	6010C		1	642542	LMH	EET BUF	09/22/22 18:38
Total/NA	Prep	7470A			642205	NZG	EET BUF	09/21/22 11:30
Total/NA	Analysis	7470A		1	642275	NVK	EET BUF	09/21/22 16:50

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201794-1

Client Sample ID: MW-4

Lab Sample ID: 480-201794-5

Date Collected: 09/20/22 13:50

Matrix: Water

Date Received: 09/20/22 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	642412	AXK	EET BUF	09/23/22 02:41
Total/NA	Prep	3510C			642869	MS	EET BUF	09/27/22 08:11
Total/NA	Analysis	8270D		1	643076	JMM	EET BUF	09/28/22 21:00
Total/NA	Prep	3510C			642466	SJM	EET BUF	09/22/22 17:11
Total/NA	Analysis	8270D SIM ID		1	642775	IMZ	EET BUF	09/26/22 16:00
Total/NA	Prep	3510C			642987	SJM	EET BUF	09/27/22 15:49
Total/NA	Analysis	8081B		1	643032	JLS	EET BUF	09/28/22 12:47
Total/NA	Prep	3510C			642658	JMP	EET BUF	09/24/22 09:31
Total/NA	Analysis	8082A		1	642678	W1T	EET BUF	09/25/22 17:28
Total/NA	Prep	8151A			642326	JMP	EET BUF	09/22/22 09:11
Total/NA	Analysis	8151A		1	642733	MAN	EET BUF	09/26/22 14:11
Total/NA	Prep	537 IDA			301165	RC3V	ELLE	09/29/22 08:11
Total/NA	Analysis	537 IDA		1	303608	JVK6	ELLE	10/06/22 13:58
Total/NA	Prep	3005A			642248	NZG	EET BUF	09/22/22 09:19
Total/NA	Analysis	6010C		1	642542	LMH	EET BUF	09/22/22 18:42
Total/NA	Prep	7470A			642205	NZG	EET BUF	09/21/22 11:30
Total/NA	Analysis	7470A		1	642275	NVK	EET BUF	09/21/22 16:51

Client Sample ID: EQUIP BLANK

Lab Sample ID: 480-201794-6

Date Collected: 09/20/22 12:40

Matrix: Water

Date Received: 09/20/22 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	537 IDA			301165	RC3V	ELLE	09/29/22 08:11
Total/NA	Analysis	537 IDA		1	303608	JVK6	ELLE	10/06/22 14:09

Client Sample ID: FIELD BLANK

Lab Sample ID: 480-201794-7

Date Collected: 09/20/22 12:40

Matrix: Water

Date Received: 09/20/22 14:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	537 IDA			301165	RC3V	ELLE	09/29/22 08:11
Total/NA	Analysis	537 IDA		1	303608	JVK6	ELLE	10/06/22 14:20

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201794-1

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8151A	8151A	Water	Picloram

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-22
A2LA	ISO/IEC 17025	0001.01	11-30-22
Alaska	State	PA00009	07-01-23
Alaska (UST)	State	17-027	02-28-23
Arizona	State	AZ0780	03-12-23
Arkansas DEQ	State	88-00660	08-09-23
California	State	2792	11-30-22
Colorado	State	PA00009	06-30-23
Connecticut	State	PH-0746	06-30-23
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-23
Delaware (DW)	State	N/A	01-31-23
Florida	NELAP	E87997	06-30-23
Georgia (DW)	State	C048	01-31-23
Hawaii	State	N/A	01-31-23
Illinois	NELAP	200027	01-31-23
Iowa	State	361	03-01-24
Kansas	NELAP	E-10151	10-31-22
Kentucky (DW)	State	KY90088	12-31-22
Kentucky (UST)	State	1.01	11-30-22
Kentucky (WW)	State	KY90088	01-01-23
Louisiana	NELAP	02055	06-30-23
Maine	State	2019012	03-12-23
Maryland	State	100	06-30-23
Massachusetts	State	M-PA009	06-30-23
Michigan	State	9930	01-31-23
Minnesota	NELAP	042-999-487	12-31-22
Mississippi	State	022	01-31-23
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-23
Montana (UST)	State	<cert No.>	02-01-23
Nebraska	State	NE-OS-32-17	01-31-23
New Hampshire	NELAP	2730	01-10-23
New Jersey	NELAP	PA011	06-30-23
New York	NELAP	10670	04-01-23
North Carolina (DW)	State	42705	07-31-23
North Carolina (WW/SW)	State	521	12-31-22
North Dakota	State	R-205	01-31-23
Oklahoma	NELAP	R-205	08-31-23
Oregon	NELAP	PA200001	09-11-23
PALA	Canada	1978	09-16-24

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201794-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Pennsylvania	NELAP	36-00037	01-31-23
Rhode Island	State	LAO00338	12-30-22
South Carolina	State	89002	01-31-23
Tennessee	State	02838	01-31-23
Texas	NELAP	T104704194-22-43	08-31-23
USDA	US Federal Programs	P330-19-00197	08-09-23
Vermont	State	VT - 36037	10-28-22
Virginia	NELAP	460182	06-15-23
Washington	State	C457	04-11-23
West Virginia (DW)	State	9906 C	12-31-22
West Virginia DEP	State	055	10-31-22
Wyoming	State	8TMS-L	01-31-23
Wyoming (UST)	A2LA	1.01	11-30-22

Method Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201794-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
8270D SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET BUF
8081B	Organochlorine Pesticides (GC)	SW846	EET BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET BUF
8151A	Herbicides (GC)	SW846	EET BUF
537 IDA	EPA 537 Isotope Dilution	EPA	ELLE
6010C	Metals (ICP)	SW846	EET BUF
7470A	Mercury (CVAA)	SW846	EET BUF
3005A	Preparation, Total Metals	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF
537 IDA	EPA 537 Isotope Dilution	EPA	ELLE
7470A	Preparation, Mercury	SW846	EET BUF
8151A	Extraction (Herbicides)	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201794-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-201794-1	MW-8	Water	09/20/22 09:15	09/20/22 14:45
480-201794-2	MW-6	Water	09/20/22 10:30	09/20/22 14:45
480-201794-3	MW-5	Water	09/20/22 12:10	09/20/22 14:45
480-201794-4	DUP-1	Water	09/20/22 12:40	09/20/22 14:45
480-201794-5	MW-4	Water	09/20/22 13:50	09/20/22 14:45
480-201794-6	EQUIP BLANK	Water	09/20/22 12:40	09/20/22 14:45
480-201794-7	FIELD BLANK	Water	09/20/22 12:40	09/20/22 14:45

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Andy Janik	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-176963-37964.1
Client Contact: Adam Zebrowski	Phone: 716-345-6709	E-Mail: Brian.Fischer@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: LaBella Associates DPC	PWSID:			Job #:
Address: 300 Pearl Street Suite 130	Due Date Requested:			
City: Buffalo	TAT Requested (days):			
State, Zip: NY, 14202	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: azebrowski@labellapc.com	WO #:			
Project Name: 145 Ganson Street	Project #: 48025563			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL
B - NaOH
C - Zn Acetate
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
drate

480-201794 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC_IDA - NY 21 PFAS	8082A - TCL PCBs - OLM04.2	8081B - TCL Pesticides - OLM04.2	8270D - (MOD) TCL SVOA - OLM04.2	6010C, 7470A	8260C - (MOD) TCL list OLM04.2	8151A - (MOD) Local Method	8270D_SIM_MS_ID - SIM List	Total Number of con	Special Instructions/Note:
			Preservation Code:				N	N	N	N	D	A	N	N		
MW-B	9/20/22	0915	G	Water			X	X	X	X	X	X	X	X		
MW-6		1030		Water			X	X	X	X	X	X	X	X		
MW-5		1210		Water			X	X	X	X	X	X	X	X		
Dup.-1		1240		Water			X	X	X	X	X	X	X	X		
MS-1		1240		Water			X	X	X	X	X	X	X	X		
MSD-1		1240		Water			X	X	X	X	X	X	X	X		
MW-4		1350		Water			X	X	X	X	X	X	X	X		
				Water												
				Water												
				Water												
				Water												

Other:

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 9/20/22 1405	Company	Received by:	Date/Time: 9-20-22 1414	Company TAB
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: IR 3.4, 3.7, 3.9, 4.4, 3.0, 3.2

Ver: 06/08/2021

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-75351.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Brian.Fischer@et.eurofinsus.com	State of Origin: New York	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New York		Job #: 480-201794-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 9/28/2022			
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: 145 Ganson Street	Project #: 48025563			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC_IDA/3535_PFC NY 21 PFAS	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW-8 (480-201794-1)	9/20/22	09:15 Eastern		Water			X	2	
MW-6 (480-201794-2)	9/20/22	10:30 Eastern		Water			X	2	
MW-5 (480-201794-3)	9/20/22	12:10 Eastern		Water			X	2	
MW-5 (480-201794-3MS)	9/20/22	12:10 Eastern	MS	Water			X	2	
MW-5 (480-201794-3MSD)	9/20/22	12:10 Eastern	MSD	Water			X	2	
DUP-1 (480-201794-4)	9/20/22	12:40 Eastern		Water			X	2	
MW-4 (480-201794-5)	9/20/22	13:50 Eastern		Water			X	2	
EQUIP BLANK (480-201794-6)	9/20/22	12:40 Eastern		Water			X	2	
FIELD BLANK (480-201794-7)	9/20/22	12:40 Eastern		Water			X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Environment Testing Northeast, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 9-21-22 1800	Company TAB	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 9-22-22 1101	Company ECLS

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.9

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-201794-1

Login Number: 201794
List Number: 1
Creator: Wallace, Cameron

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-201794-1

Login Number: 201794
List Number: 2
Creator: McBeth, Jessica

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 09/22/22 02:19 PM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-201859-1
Client Project/Site: 145 Ganson Street

For:
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Attn: Andy Janik

Authorized for release by:
10/3/2022 1:20:07 PM
Rebecca Jones, Project Management Assistant I
(716)504-9884
Rebecca.Jones@et.eurofinsus.com

Designee for

Brian Fischer, Manager of Project Management
(716)504-9835
Brian.Fischer@et.eurofinsus.com

LINKS

Review your project results through my EOL

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Detection Summary 6
Client Sample Results 7
Surrogate Summary 28
QC Sample Results 29
QC Association Summary 39
Lab Chronicle 40
Certification Summary 41
Method Summary 42
Sample Summary 43
Chain of Custody 44
Receipt Checklists 45

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
H	Sample was prepped or analyzed beyond the specified holding time

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 480-201859-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-201859-1

Comments
No additional comments.

Receipt
The samples were received on 9/22/2022 2:55 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 20.6º C.

GC/MS VOA
Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: MW-2 (480-201859-3) and MW-3 (480-201859-4). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270D: The continuing calibration verification (CCV) associated with batch 480-642718 recovered outside acceptance criteria, low biased, for Hexachlorocyclopentadiene. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-642718 recovered above the upper control limit for 2,2'-oxybis[1-chloropropane] and Carbazole. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW-7 (480-201859-1), MW-1 (480-201859-2), MW-2 (480-201859-3) and MW-3 (480-201859-4).

Method 8270D: The laboratory control sample (LCS) for preparation batch 480-642501 and analytical batch 480-642718 recovered outside control limits for the following analytes: Carbazole. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported: MW-7 (480-201859-1), MW-1 (480-201859-2), MW-2 (480-201859-3) and MW-3 (480-201859-4).

Method 8270D: The method blank (MB) for preparation batch 480-642501 and analytical batch 480-642718 recovered above the reporting limit (RL) for the following analytes: Diethyl phthalate. The associated sample(s) was re-prepared and/or re-analyzed outside holding time in preparation batch 480-643244 and analytical batch 480-643463 and the method blank was still above the RL for this analyte. Insufficient volume remains for additional re-extraction and re-analysis, therefore both sets of data have been reported. MW-7 (480-201859-1), MW-1 (480-201859-2), MW-2 (480-201859-3) and MW-3 (480-201859-4)

Method 8270D: The method blank (MB) for preparation batch 480-642501 and analytical batch 480-642718 recovered above the reporting limit (RL) for the following analytes: Diethyl phthalate. The associated sample(s) was re-prepared and/or re-analyzed outside holding time in preparation batch 480-643244 and analytical batch 480-643463 and the method blank was still above the RL for this analyte. Insufficient volume remains for additional re-extraction and re-analysis, therefore both sets of data have been reported. MW-7 (480-201859-1), MW-1 (480-201859-2) and MW-2 (480-201859-3)

Method 8270D: The method blank (MB) for preparation batch 480-642501 and analytical batch 480-642718 recovered above the reporting limit (RL) for the following analytes: Diethyl phthalate. The associated sample(s) was re-prepared and/or re-analyzed outside holding time in preparation batch 480-643244 and analytical batch 480-643463 and the method blank was still above the RL for this analyte. Insufficient volume remains for additional re-extraction and re-analysis, therefore both sets of data have been reported. MW-3 (480-201859-4)

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-642892 recovered above the upper control limit for bis (2-chloroisopropyl) ether and Carbazole. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: MW-3 (480-201859-4).

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-642892 recovered outside acceptance criteria, low biased, for 2,4-Dinitrophenol, 4-Nitrophenol and Hexachlorocyclopentadiene. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Job ID: 480-201859-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

Method 8270D: The laboratory control sample (LCS) for preparation batch 480-642501 and analytical batch 480-642892 recovered outside control limits for the following analytes: Carbazole. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
Method 3510C: The following samples were re-prepared outside of preparation holding time due to contamination in the MB:MW-7 (480-201859-1), MW-1 (480-201859-2), MW-2 (480-201859-3) and MW-3 (480-201859-4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201859-1

Client Sample ID: MW-7 — Lab Sample ID: 480-201859-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diethyl phthalate	7.8	B	5.0	0.22	ug/L	1		8270D	Total/NA
Diethyl phthalate - RE	6.6	H B	5.0	0.22	ug/L	1		8270D	Total/NA

Client Sample ID: MW-1 — Lab Sample ID: 480-201859-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diethyl phthalate	18	B	5.0	0.22	ug/L	1		8270D	Total/NA
Diethyl phthalate - RE	11	H B	5.0	0.22	ug/L	1		8270D	Total/NA

Client Sample ID: MW-2 — Lab Sample ID: 480-201859-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diethyl phthalate	11	B	5.0	0.22	ug/L	1		8270D	Total/NA
Diethyl phthalate - RE	10	H B	5.0	0.22	ug/L	1		8270D	Total/NA

Client Sample ID: MW-3 — Lab Sample ID: 480-201859-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diethyl phthalate	9.7	B	5.0	0.22	ug/L	1		8270D	Total/NA
Diethyl phthalate - RE	9.7	H B	5.0	0.22	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201859-1

Client Sample ID: MW-7
Date Collected: 09/21/22 09:30
Date Received: 09/22/22 14:55

Lab Sample ID: 480-201859-1
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/23/22 16:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/23/22 16:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/23/22 16:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/23/22 16:14	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/23/22 16:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/23/22 16:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/23/22 16:14	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			09/23/22 16:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/23/22 16:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/23/22 16:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/23/22 16:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/23/22 16:14	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			09/23/22 16:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/23/22 16:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/23/22 16:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/23/22 16:14	1
2-Hexanone	ND		5.0	1.2	ug/L			09/23/22 16:14	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			09/23/22 16:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/23/22 16:14	1
Acetone	ND		10	3.0	ug/L			09/23/22 16:14	1
Benzene	ND		1.0	0.41	ug/L			09/23/22 16:14	1
Bromoform	ND		1.0	0.26	ug/L			09/23/22 16:14	1
Bromomethane	ND		1.0	0.69	ug/L			09/23/22 16:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/23/22 16:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/23/22 16:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/23/22 16:14	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/23/22 16:14	1
Chloroethane	ND		1.0	0.32	ug/L			09/23/22 16:14	1
Chloroform	ND		1.0	0.34	ug/L			09/23/22 16:14	1
Chloromethane	ND		1.0	0.35	ug/L			09/23/22 16:14	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/23/22 16:14	1
Cyclohexane	ND		1.0	0.18	ug/L			09/23/22 16:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/23/22 16:14	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/23/22 16:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/23/22 16:14	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/23/22 16:14	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/23/22 16:14	1
Methyl acetate	ND		2.5	1.3	ug/L			09/23/22 16:14	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/23/22 16:14	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/23/22 16:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/23/22 16:14	1
m,p-Xylene	ND		2.0	0.66	ug/L			09/23/22 16:14	1
Naphthalene	ND		1.0	0.43	ug/L			09/23/22 16:14	1
n-Butylbenzene	ND		1.0	0.64	ug/L			09/23/22 16:14	1
N-Propylbenzene	ND		1.0	0.69	ug/L			09/23/22 16:14	1
o-Xylene	ND		1.0	0.76	ug/L			09/23/22 16:14	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			09/23/22 16:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/23/22 16:14	1
Toluene	ND		1.0	0.51	ug/L			09/23/22 16:14	1

Client Sample ID: MW-7
Date Collected: 09/21/22 09:30
Date Received: 09/22/22 14:55

Lab Sample ID: 480-201859-1
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/23/22 16:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/23/22 16:14	1
Trichloroethene	ND		1.0	0.46	ug/L			09/23/22 16:14	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/23/22 16:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/23/22 16:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/23/22 16:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/23/22 16:14	1
Styrene	ND		1.0	0.73	ug/L			09/23/22 16:14	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			09/23/22 16:14	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/23/22 16:14*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*09/23/22 16:14*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*09/23/22 16:14*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*09/23/22 16:14*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*09/23/22 16:14*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/23/22 08:26	09/26/22 23:56	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/23/22 08:26	09/26/22 23:56	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/23/22 08:26	09/26/22 23:56	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/23/22 08:26	09/26/22 23:56	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/23/22 08:26	09/26/22 23:56	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/23/22 08:26	09/26/22 23:56	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/23/22 08:26	09/26/22 23:56	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/23/22 08:26	09/26/22 23:56	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/23/22 08:26	09/26/22 23:56	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/23/22 08:26	09/26/22 23:56	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/23/22 08:26	09/26/22 23:56	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/23/22 08:26	09/26/22 23:56	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/23/22 08:26	09/26/22 23:56	1
2-Nitroaniline	ND		10	0.42	ug/L		09/23/22 08:26	09/26/22 23:56	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/23/22 08:26	09/26/22 23:56	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/23/22 08:26	09/26/22 23:56	1
3-Nitroaniline	ND		10	0.48	ug/L		09/23/22 08:26	09/26/22 23:56	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/23/22 08:26	09/26/22 23:56	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/23/22 08:26	09/26/22 23:56	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/23/22 08:26	09/26/22 23:56	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/23/22 08:26	09/26/22 23:56	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/23/22 08:26	09/26/22 23:56	1
4-Methylphenol	ND		10	0.36	ug/L		09/23/22 08:26	09/26/22 23:56	1
4-Nitroaniline	ND		10	0.25	ug/L		09/23/22 08:26	09/26/22 23:56	1
4-Nitrophenol	ND		10	1.5	ug/L		09/23/22 08:26	09/26/22 23:56	1
Acenaphthene	ND		5.0	0.41	ug/L		09/23/22 08:26	09/26/22 23:56	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/23/22 08:26	09/26/22 23:56	1
Acetophenone	ND		5.0	0.54	ug/L		09/23/22 08:26	09/26/22 23:56	1
Anthracene	ND		5.0	0.28	ug/L		09/23/22 08:26	09/26/22 23:56	1

Client Sample ID: MW-7
Date Collected: 09/21/22 09:30
Date Received: 09/22/22 14:55

Lab Sample ID: 480-201859-1
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		5.0	0.46	ug/L		09/23/22 08:26	09/26/22 23:56	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/23/22 08:26	09/26/22 23:56	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/23/22 08:26	09/26/22 23:56	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/23/22 08:26	09/26/22 23:56	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/23/22 08:26	09/26/22 23:56	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/23/22 08:26	09/26/22 23:56	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/23/22 08:26	09/26/22 23:56	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/23/22 08:26	09/26/22 23:56	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/23/22 08:26	09/26/22 23:56	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/23/22 08:26	09/26/22 23:56	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/23/22 08:26	09/26/22 23:56	1
Caprolactam	ND		5.0	2.2	ug/L		09/23/22 08:26	09/26/22 23:56	1
Carbazole	ND	*+	5.0	0.30	ug/L		09/23/22 08:26	09/26/22 23:56	1
Chrysene	ND		5.0	0.33	ug/L		09/23/22 08:26	09/26/22 23:56	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/23/22 08:26	09/26/22 23:56	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/23/22 08:26	09/26/22 23:56	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/23/22 08:26	09/26/22 23:56	1
Dibenzofuran	ND		10	0.51	ug/L		09/23/22 08:26	09/26/22 23:56	1
Diethyl phthalate	**7.8**	**B**	5.0	0.22	ug/L		09/23/22 08:26	09/26/22 23:56	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/23/22 08:26	09/26/22 23:56	1
Fluoranthene	ND		5.0	0.40	ug/L		09/23/22 08:26	09/26/22 23:56	1
Fluorene	ND		5.0	0.36	ug/L		09/23/22 08:26	09/26/22 23:56	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/23/22 08:26	09/26/22 23:56	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/23/22 08:26	09/26/22 23:56	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/23/22 08:26	09/26/22 23:56	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/23/22 08:26	09/26/22 23:56	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/23/22 08:26	09/26/22 23:56	1
Isophorone	ND		5.0	0.43	ug/L		09/23/22 08:26	09/26/22 23:56	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/23/22 08:26	09/26/22 23:56	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/23/22 08:26	09/26/22 23:56	1
Naphthalene	ND		5.0	0.76	ug/L		09/23/22 08:26	09/26/22 23:56	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/23/22 08:26	09/26/22 23:56	1
Pentachlorophenol	ND		10	2.2	ug/L		09/23/22 08:26	09/26/22 23:56	1
Phenanthrene	ND		5.0	0.44	ug/L		09/23/22 08:26	09/26/22 23:56	1
Phenol	ND		5.0	0.39	ug/L		09/23/22 08:26	09/26/22 23:56	1
Pyrene	ND		5.0	0.34	ug/L		09/23/22 08:26	09/26/22 23:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*4.2*	*T J*	*ug/L*		*2.45*		*09/23/22 08:26*	*09/26/22 23:56*	*1*
Unknown	*400*	*T J*	*ug/L*		*2.70*		*09/23/22 08:26*	*09/26/22 23:56*	*1*
Unknown	*2.3*	*T J*	*ug/L*		*3.90*		*09/23/22 08:26*	*09/26/22 23:56*	*1*
Unknown	*18*	*T J*	*ug/L*		*4.74*		*09/23/22 08:26*	*09/26/22 23:56*	*1*
Column Bleed	*2.9*	*T J*	*ug/L*		*6.80*		*09/23/22 08:26*	*09/26/22 23:56*	*1*
Phenol, 4-(1,1-dimethylpropyl)-	*2.0*	*T J N*	*ug/L*		*8.25*	*80-46-6*	*09/23/22 08:26*	*09/26/22 23:56*	*1*
Heneicosane	*1.7*	*T J N*	*ug/L*		*11.49*	*629-94-7*	*09/23/22 08:26*	*09/26/22 23:56*	*1*
Tetracosane	*3.9*	*T J N*	*ug/L*		*11.84*	*646-31-1*	*09/23/22 08:26*	*09/26/22 23:56*	*1*
Pentacosane	*5.4*	*T J N*	*ug/L*		*12.23*	*629-99-2*	*09/23/22 08:26*	*09/26/22 23:56*	*1*
Hexacosane	*6.4*	*T J N*	*ug/L*		*12.64*	*630-01-3*	*09/23/22 08:26*	*09/26/22 23:56*	*1*
Docosane	*7.1*	*T J N*	*ug/L*		*13.08*	*629-97-0*	*09/23/22 08:26*	*09/26/22 23:56*	*1*
Tridecane, 7-hexyl-	*4.1*	*T J N*	*ug/L*		*13.55*	*7225-66-3*	*09/23/22 08:26*	*09/26/22 23:56*	*1*

Client Sample ID: MW-7
Date Collected: 09/21/22 09:30
Date Received: 09/22/22 14:55

Lab Sample ID: 480-201859-1
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Nonacosane	2.9	T J N	ug/L		14.05	630-03-5	09/23/22 08:26	09/26/22 23:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	75		41 - 120	09/23/22 08:26	09/26/22 23:56	1
2-Fluorobiphenyl	95		48 - 120	09/23/22 08:26	09/26/22 23:56	1
2-Fluorophenol	63		35 - 120	09/23/22 08:26	09/26/22 23:56	1
Nitrobenzene-d5	75		46 - 120	09/23/22 08:26	09/26/22 23:56	1
p-Terphenyl-d14	79		60 - 148	09/23/22 08:26	09/26/22 23:56	1
Phenol-d5	49		22 - 120	09/23/22 08:26	09/26/22 23:56	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND	H	5.0	0.65	ug/L		09/29/22 08:41	09/30/22 19:37	1
bis (2-chloroisopropyl) ether	ND	H	5.0	0.52	ug/L		09/29/22 08:41	09/30/22 19:37	1
2,4,5-Trichlorophenol	ND	H	5.0	0.48	ug/L		09/29/22 08:41	09/30/22 19:37	1
2,4,6-Trichlorophenol	ND	H	5.0	0.61	ug/L		09/29/22 08:41	09/30/22 19:37	1
2,4-Dichlorophenol	ND	H	5.0	0.51	ug/L		09/29/22 08:41	09/30/22 19:37	1
2,4-Dimethylphenol	ND	H	5.0	0.50	ug/L		09/29/22 08:41	09/30/22 19:37	1
2,4-Dinitrophenol	ND	H	10	2.2	ug/L		09/29/22 08:41	09/30/22 19:37	1
2,4-Dinitrotoluene	ND	H	5.0	0.45	ug/L		09/29/22 08:41	09/30/22 19:37	1
2,6-Dinitrotoluene	ND	H	5.0	0.40	ug/L		09/29/22 08:41	09/30/22 19:37	1
2-Chloronaphthalene	ND	H	5.0	0.46	ug/L		09/29/22 08:41	09/30/22 19:37	1
2-Chlorophenol	ND	H	5.0	0.53	ug/L		09/29/22 08:41	09/30/22 19:37	1
2-Methylnaphthalene	ND	H	5.0	0.60	ug/L		09/29/22 08:41	09/30/22 19:37	1
2-Methylphenol	ND	H	5.0	0.40	ug/L		09/29/22 08:41	09/30/22 19:37	1
2-Nitroaniline	ND	H	10	0.42	ug/L		09/29/22 08:41	09/30/22 19:37	1
2-Nitrophenol	ND	H	5.0	0.48	ug/L		09/29/22 08:41	09/30/22 19:37	1
3,3'-Dichlorobenzidine	ND	H	5.0	0.40	ug/L		09/29/22 08:41	09/30/22 19:37	1
3-Nitroaniline	ND	H	10	0.48	ug/L		09/29/22 08:41	09/30/22 19:37	1
4,6-Dinitro-2-methylphenol	ND	H	10	2.2	ug/L		09/29/22 08:41	09/30/22 19:37	1
4-Bromophenyl phenyl ether	ND	H	5.0	0.45	ug/L		09/29/22 08:41	09/30/22 19:37	1
4-Chloro-3-methylphenol	ND	H	5.0	0.45	ug/L		09/29/22 08:41	09/30/22 19:37	1
4-Chloroaniline	ND	H	5.0	0.59	ug/L		09/29/22 08:41	09/30/22 19:37	1
4-Chlorophenyl phenyl ether	ND	H	5.0	0.35	ug/L		09/29/22 08:41	09/30/22 19:37	1
4-Methylphenol	ND	H	10	0.36	ug/L		09/29/22 08:41	09/30/22 19:37	1
4-Nitroaniline	ND	H	10	0.25	ug/L		09/29/22 08:41	09/30/22 19:37	1
4-Nitrophenol	ND	H	10	1.5	ug/L		09/29/22 08:41	09/30/22 19:37	1
Acenaphthene	ND	H	5.0	0.41	ug/L		09/29/22 08:41	09/30/22 19:37	1
Acenaphthylene	ND	H	5.0	0.38	ug/L		09/29/22 08:41	09/30/22 19:37	1
Acetophenone	ND	H	5.0	0.54	ug/L		09/29/22 08:41	09/30/22 19:37	1
Anthracene	ND	H	5.0	0.28	ug/L		09/29/22 08:41	09/30/22 19:37	1
Atrazine	ND	H	5.0	0.46	ug/L		09/29/22 08:41	09/30/22 19:37	1
Benzaldehyde	ND	H	5.0	0.27	ug/L		09/29/22 08:41	09/30/22 19:37	1
Benzo(a)anthracene	ND	H	5.0	0.36	ug/L		09/29/22 08:41	09/30/22 19:37	1
Benzo(a)pyrene	ND	H	5.0	0.47	ug/L		09/29/22 08:41	09/30/22 19:37	1
Benzo(b)fluoranthene	ND	H	5.0	0.34	ug/L		09/29/22 08:41	09/30/22 19:37	1
Benzo(g,h,i)perylene	ND	H	5.0	0.35	ug/L		09/29/22 08:41	09/30/22 19:37	1
Benzo(k)fluoranthene	ND	H	5.0	0.73	ug/L		09/29/22 08:41	09/30/22 19:37	1
Bis(2-chloroethoxy)methane	ND	H	5.0	0.35	ug/L		09/29/22 08:41	09/30/22 19:37	1

Client Sample ID: MW-7
Date Collected: 09/21/22 09:30
Date Received: 09/22/22 14:55

Lab Sample ID: 480-201859-1
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND	H	5.0	0.40	ug/L		09/29/22 08:41	09/30/22 19:37	1
Bis(2-ethylhexyl) phthalate	ND	H	5.0	2.2	ug/L		09/29/22 08:41	09/30/22 19:37	1
Butyl benzyl phthalate	ND	H	5.0	1.0	ug/L		09/29/22 08:41	09/30/22 19:37	1
Caprolactam	ND	H	5.0	2.2	ug/L		09/29/22 08:41	09/30/22 19:37	1
Carbazole	ND	H	5.0	0.30	ug/L		09/29/22 08:41	09/30/22 19:37	1
Chrysene	ND	H	5.0	0.33	ug/L		09/29/22 08:41	09/30/22 19:37	1
Di-n-butyl phthalate	ND	H	5.0	0.31	ug/L		09/29/22 08:41	09/30/22 19:37	1
Di-n-octyl phthalate	ND	H	5.0	0.47	ug/L		09/29/22 08:41	09/30/22 19:37	1
Dibenz(a,h)anthracene	ND	H	5.0	0.42	ug/L		09/29/22 08:41	09/30/22 19:37	1
Dibenzofuran	ND	H	10	0.51	ug/L		09/29/22 08:41	09/30/22 19:37	1
Diethyl phthalate	**6.6**	**H B**	5.0	0.22	ug/L		09/29/22 08:41	09/30/22 19:37	1
Dimethyl phthalate	ND	H	5.0	0.36	ug/L		09/29/22 08:41	09/30/22 19:37	1
Fluoranthene	ND	H	5.0	0.40	ug/L		09/29/22 08:41	09/30/22 19:37	1
Fluorene	ND	H	5.0	0.36	ug/L		09/29/22 08:41	09/30/22 19:37	1
Hexachlorobenzene	ND	H	5.0	0.51	ug/L		09/29/22 08:41	09/30/22 19:37	1
Hexachlorobutadiene	ND	H	5.0	0.68	ug/L		09/29/22 08:41	09/30/22 19:37	1
Hexachlorocyclopentadiene	ND	H	5.0	0.59	ug/L		09/29/22 08:41	09/30/22 19:37	1
Hexachloroethane	ND	H	5.0	0.59	ug/L		09/29/22 08:41	09/30/22 19:37	1
Indeno(1,2,3-cd)pyrene	ND	H	5.0	0.47	ug/L		09/29/22 08:41	09/30/22 19:37	1
Isophorone	ND	H	5.0	0.43	ug/L		09/29/22 08:41	09/30/22 19:37	1
N-Nitrosodi-n-propylamine	ND	H	5.0	0.54	ug/L		09/29/22 08:41	09/30/22 19:37	1
N-Nitrosodiphenylamine	ND	H	5.0	0.51	ug/L		09/29/22 08:41	09/30/22 19:37	1
Naphthalene	ND	H	5.0	0.76	ug/L		09/29/22 08:41	09/30/22 19:37	1
Nitrobenzene	ND	H	5.0	0.29	ug/L		09/29/22 08:41	09/30/22 19:37	1
Pentachlorophenol	ND	H	10	2.2	ug/L		09/29/22 08:41	09/30/22 19:37	1
Phenanthrene	ND	H	5.0	0.44	ug/L		09/29/22 08:41	09/30/22 19:37	1
Phenol	ND	H	5.0	0.39	ug/L		09/29/22 08:41	09/30/22 19:37	1
Pyrene	ND	H	5.0	0.34	ug/L		09/29/22 08:41	09/30/22 19:37	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*4.9*	*T H J*	*ug/L*		*3.04*		*09/29/22 08:41*	*09/30/22 19:37*	*1*
Unknown	*300*	*T H J*	*ug/L*		*3.47*		*09/29/22 08:41*	*09/30/22 19:37*	*1*
Unknown	*3.0*	*T H J*	*ug/L*		*4.49*		*09/29/22 08:41*	*09/30/22 19:37*	*1*
Unknown	*17*	*T H J*	*ug/L*		*5.24*		*09/29/22 08:41*	*09/30/22 19:37*	*1*
Unknown	*1.8*	*T H J*	*ug/L*		*8.73*		*09/29/22 08:41*	*09/30/22 19:37*	*1*
Triacontane	*2.7*	*T H J N*	*ug/L*		*12.97*	*638-68-6*	*09/29/22 08:41*	*09/30/22 19:37*	*1*
Dodecane, 2-methyl-6-propyl-	*3.1*	*T H J N*	*ug/L*		*13.44*	*55045-08-4*	*09/29/22 08:41*	*09/30/22 19:37*	*1*
Heptacosane	*3.0*	*T H J N*	*ug/L*		*13.94*	*593-49-7*	*09/29/22 08:41*	*09/30/22 19:37*	*1*
Octacosane	*2.0*	*T H J N*	*ug/L*		*14.47*	*630-02-4*	*09/29/22 08:41*	*09/30/22 19:37*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*84*		*41 - 120*	*09/29/22 08:41*	*09/30/22 19:37*	*1*
2-Fluorobiphenyl	*95*		*48 - 120*	*09/29/22 08:41*	*09/30/22 19:37*	*1*
2-Fluorophenol	*65*		*35 - 120*	*09/29/22 08:41*	*09/30/22 19:37*	*1*
Nitrobenzene-d5	*80*		*46 - 120*	*09/29/22 08:41*	*09/30/22 19:37*	*1*
p-Terphenyl-d14	*72*		*60 - 148*	*09/29/22 08:41*	*09/30/22 19:37*	*1*
Phenol-d5	*47*		*22 - 120*	*09/29/22 08:41*	*09/30/22 19:37*	*1*

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201859-1

Client Sample ID: MW-1
Date Collected: 09/21/22 12:30
Date Received: 09/22/22 14:55

Lab Sample ID: 480-201859-2
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/23/22 16:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/23/22 16:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/23/22 16:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/23/22 16:36	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/23/22 16:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/23/22 16:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/23/22 16:36	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			09/23/22 16:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/23/22 16:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/23/22 16:36	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/23/22 16:36	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/23/22 16:36	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			09/23/22 16:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/23/22 16:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/23/22 16:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/23/22 16:36	1
2-Hexanone	ND		5.0	1.2	ug/L			09/23/22 16:36	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			09/23/22 16:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/23/22 16:36	1
Acetone	ND		10	3.0	ug/L			09/23/22 16:36	1
Benzene	ND		1.0	0.41	ug/L			09/23/22 16:36	1
Bromoform	ND		1.0	0.26	ug/L			09/23/22 16:36	1
Bromomethane	ND		1.0	0.69	ug/L			09/23/22 16:36	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/23/22 16:36	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/23/22 16:36	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/23/22 16:36	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/23/22 16:36	1
Chloroethane	ND		1.0	0.32	ug/L			09/23/22 16:36	1
Chloroform	ND		1.0	0.34	ug/L			09/23/22 16:36	1
Chloromethane	ND		1.0	0.35	ug/L			09/23/22 16:36	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/23/22 16:36	1
Cyclohexane	ND		1.0	0.18	ug/L			09/23/22 16:36	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/23/22 16:36	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/23/22 16:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/23/22 16:36	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/23/22 16:36	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/23/22 16:36	1
Methyl acetate	ND		2.5	1.3	ug/L			09/23/22 16:36	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/23/22 16:36	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/23/22 16:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/23/22 16:36	1
m,p-Xylene	ND		2.0	0.66	ug/L			09/23/22 16:36	1
Naphthalene	ND		1.0	0.43	ug/L			09/23/22 16:36	1
n-Butylbenzene	ND		1.0	0.64	ug/L			09/23/22 16:36	1
N-Propylbenzene	ND		1.0	0.69	ug/L			09/23/22 16:36	1
o-Xylene	ND		1.0	0.76	ug/L			09/23/22 16:36	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			09/23/22 16:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/23/22 16:36	1
Toluene	ND		1.0	0.51	ug/L			09/23/22 16:36	1

Client Sample ID: MW-1
Date Collected: 09/21/22 12:30
Date Received: 09/22/22 14:55

Lab Sample ID: 480-201859-2
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/23/22 16:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/23/22 16:36	1
Trichloroethene	ND		1.0	0.46	ug/L			09/23/22 16:36	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/23/22 16:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/23/22 16:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/23/22 16:36	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/23/22 16:36	1
Styrene	ND		1.0	0.73	ug/L			09/23/22 16:36	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			09/23/22 16:36	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/23/22 16:36*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*09/23/22 16:36*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*09/23/22 16:36*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*		*09/23/22 16:36*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*09/23/22 16:36*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/23/22 08:26	09/27/22 00:23	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/23/22 08:26	09/27/22 00:23	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/23/22 08:26	09/27/22 00:23	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/23/22 08:26	09/27/22 00:23	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/23/22 08:26	09/27/22 00:23	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/23/22 08:26	09/27/22 00:23	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/23/22 08:26	09/27/22 00:23	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/23/22 08:26	09/27/22 00:23	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/23/22 08:26	09/27/22 00:23	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/23/22 08:26	09/27/22 00:23	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/23/22 08:26	09/27/22 00:23	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/23/22 08:26	09/27/22 00:23	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/23/22 08:26	09/27/22 00:23	1
2-Nitroaniline	ND		10	0.42	ug/L		09/23/22 08:26	09/27/22 00:23	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/23/22 08:26	09/27/22 00:23	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/23/22 08:26	09/27/22 00:23	1
3-Nitroaniline	ND		10	0.48	ug/L		09/23/22 08:26	09/27/22 00:23	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/23/22 08:26	09/27/22 00:23	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/23/22 08:26	09/27/22 00:23	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/23/22 08:26	09/27/22 00:23	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/23/22 08:26	09/27/22 00:23	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/23/22 08:26	09/27/22 00:23	1
4-Methylphenol	ND		10	0.36	ug/L		09/23/22 08:26	09/27/22 00:23	1
4-Nitroaniline	ND		10	0.25	ug/L		09/23/22 08:26	09/27/22 00:23	1
4-Nitrophenol	ND		10	1.5	ug/L		09/23/22 08:26	09/27/22 00:23	1
Acenaphthene	ND		5.0	0.41	ug/L		09/23/22 08:26	09/27/22 00:23	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/23/22 08:26	09/27/22 00:23	1
Acetophenone	ND		5.0	0.54	ug/L		09/23/22 08:26	09/27/22 00:23	1
Anthracene	ND		5.0	0.28	ug/L		09/23/22 08:26	09/27/22 00:23	1

Client Sample ID: MW-1
Date Collected: 09/21/22 12:30
Date Received: 09/22/22 14:55

Lab Sample ID: 480-201859-2
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		5.0	0.46	ug/L		09/23/22 08:26	09/27/22 00:23	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/23/22 08:26	09/27/22 00:23	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/23/22 08:26	09/27/22 00:23	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/23/22 08:26	09/27/22 00:23	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/23/22 08:26	09/27/22 00:23	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/23/22 08:26	09/27/22 00:23	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/23/22 08:26	09/27/22 00:23	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/23/22 08:26	09/27/22 00:23	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/23/22 08:26	09/27/22 00:23	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/23/22 08:26	09/27/22 00:23	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/23/22 08:26	09/27/22 00:23	1
Caprolactam	ND		5.0	2.2	ug/L		09/23/22 08:26	09/27/22 00:23	1
Carbazole	ND	*+	5.0	0.30	ug/L		09/23/22 08:26	09/27/22 00:23	1
Chrysene	ND		5.0	0.33	ug/L		09/23/22 08:26	09/27/22 00:23	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/23/22 08:26	09/27/22 00:23	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/23/22 08:26	09/27/22 00:23	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/23/22 08:26	09/27/22 00:23	1
Dibenzofuran	ND		10	0.51	ug/L		09/23/22 08:26	09/27/22 00:23	1
Diethyl phthalate	**18**	**B**	5.0	0.22	ug/L		09/23/22 08:26	09/27/22 00:23	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/23/22 08:26	09/27/22 00:23	1
Fluoranthene	ND		5.0	0.40	ug/L		09/23/22 08:26	09/27/22 00:23	1
Fluorene	ND		5.0	0.36	ug/L		09/23/22 08:26	09/27/22 00:23	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/23/22 08:26	09/27/22 00:23	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/23/22 08:26	09/27/22 00:23	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/23/22 08:26	09/27/22 00:23	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/23/22 08:26	09/27/22 00:23	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/23/22 08:26	09/27/22 00:23	1
Isophorone	ND		5.0	0.43	ug/L		09/23/22 08:26	09/27/22 00:23	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/23/22 08:26	09/27/22 00:23	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/23/22 08:26	09/27/22 00:23	1
Naphthalene	ND		5.0	0.76	ug/L		09/23/22 08:26	09/27/22 00:23	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/23/22 08:26	09/27/22 00:23	1
Pentachlorophenol	ND		10	2.2	ug/L		09/23/22 08:26	09/27/22 00:23	1
Phenanthrene	ND		5.0	0.44	ug/L		09/23/22 08:26	09/27/22 00:23	1
Phenol	ND		5.0	0.39	ug/L		09/23/22 08:26	09/27/22 00:23	1
Pyrene	ND		5.0	0.34	ug/L		09/23/22 08:26	09/27/22 00:23	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*2.1*	*T J*	*ug/L*		*2.55*		*09/23/22 08:26*	*09/27/22 00:23*	*1*
Unknown	*380*	*T J*	*ug/L*		*2.68*		*09/23/22 08:26*	*09/27/22 00:23*	*1*
Unknown	*2.2*	*T J*	*ug/L*		*3.90*		*09/23/22 08:26*	*09/27/22 00:23*	*1*
Unknown	*23*	*T J*	*ug/L*		*4.73*		*09/23/22 08:26*	*09/27/22 00:23*	*1*
Column Bleed	*2.7*	*T J*	*ug/L*		*6.80*		*09/23/22 08:26*	*09/27/22 00:23*	*1*
Tricosane	*1.7*	*T J N*	*ug/L*		*11.49*	*638-67-5*	*09/23/22 08:26*	*09/27/22 00:23*	*1*
Heptacosane	*3.8*	*T J N*	*ug/L*		*11.84*	*593-49-7*	*09/23/22 08:26*	*09/27/22 00:23*	*1*
Dotriacontane	*5.2*	*T J N*	*ug/L*		*12.23*	*544-85-4*	*09/23/22 08:26*	*09/27/22 00:23*	*1*
Heneicosane	*6.2*	*T J N*	*ug/L*		*12.64*	*629-94-7*	*09/23/22 08:26*	*09/27/22 00:23*	*1*
Eicosane	*6.4*	*T J N*	*ug/L*		*13.08*	*112-95-8*	*09/23/22 08:26*	*09/27/22 00:23*	*1*
Pentacosane	*3.6*	*T J N*	*ug/L*		*13.55*	*629-99-2*	*09/23/22 08:26*	*09/27/22 00:23*	*1*
Nonacosane	*2.5*	*T J N*	*ug/L*		*14.05*	*630-03-5*	*09/23/22 08:26*	*09/27/22 00:23*	*1*

Client Sample ID: MW-1
Date Collected: 09/21/22 12:30
Date Received: 09/22/22 14:55

Lab Sample ID: 480-201859-2
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*82*		*41 - 120*	*09/23/22 08:26*	*09/27/22 00:23*	*1*
2-Fluorobiphenyl	*96*		*48 - 120*	*09/23/22 08:26*	*09/27/22 00:23*	*1*
2-Fluorophenol	*63*		*35 - 120*	*09/23/22 08:26*	*09/27/22 00:23*	*1*
Nitrobenzene-d5	*77*		*46 - 120*	*09/23/22 08:26*	*09/27/22 00:23*	*1*
p-Terphenyl-d14	*77*		*60 - 148*	*09/23/22 08:26*	*09/27/22 00:23*	*1*
Phenol-d5	*49*		*22 - 120*	*09/23/22 08:26*	*09/27/22 00:23*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND	H	5.0	0.65	ug/L		09/29/22 08:41	09/30/22 20:04	1
bis (2-chloroisopropyl) ether	ND	H	5.0	0.52	ug/L		09/29/22 08:41	09/30/22 20:04	1
2,4,5-Trichlorophenol	ND	H	5.0	0.48	ug/L		09/29/22 08:41	09/30/22 20:04	1
2,4,6-Trichlorophenol	ND	H	5.0	0.61	ug/L		09/29/22 08:41	09/30/22 20:04	1
2,4-Dichlorophenol	ND	H	5.0	0.51	ug/L		09/29/22 08:41	09/30/22 20:04	1
2,4-Dimethylphenol	ND	H	5.0	0.50	ug/L		09/29/22 08:41	09/30/22 20:04	1
2,4-Dinitrophenol	ND	H	10	2.2	ug/L		09/29/22 08:41	09/30/22 20:04	1
2,4-Dinitrotoluene	ND	H	5.0	0.45	ug/L		09/29/22 08:41	09/30/22 20:04	1
2,6-Dinitrotoluene	ND	H	5.0	0.40	ug/L		09/29/22 08:41	09/30/22 20:04	1
2-Chloronaphthalene	ND	H	5.0	0.46	ug/L		09/29/22 08:41	09/30/22 20:04	1
2-Chlorophenol	ND	H	5.0	0.53	ug/L		09/29/22 08:41	09/30/22 20:04	1
2-Methylnaphthalene	ND	H	5.0	0.60	ug/L		09/29/22 08:41	09/30/22 20:04	1
2-Methylphenol	ND	H	5.0	0.40	ug/L		09/29/22 08:41	09/30/22 20:04	1
2-Nitroaniline	ND	H	10	0.42	ug/L		09/29/22 08:41	09/30/22 20:04	1
2-Nitrophenol	ND	H	5.0	0.48	ug/L		09/29/22 08:41	09/30/22 20:04	1
3,3'-Dichlorobenzidine	ND	H	5.0	0.40	ug/L		09/29/22 08:41	09/30/22 20:04	1
3-Nitroaniline	ND	H	10	0.48	ug/L		09/29/22 08:41	09/30/22 20:04	1
4,6-Dinitro-2-methylphenol	ND	H	10	2.2	ug/L		09/29/22 08:41	09/30/22 20:04	1
4-Bromophenyl phenyl ether	ND	H	5.0	0.45	ug/L		09/29/22 08:41	09/30/22 20:04	1
4-Chloro-3-methylphenol	ND	H	5.0	0.45	ug/L		09/29/22 08:41	09/30/22 20:04	1
4-Chloroaniline	ND	H	5.0	0.59	ug/L		09/29/22 08:41	09/30/22 20:04	1
4-Chlorophenyl phenyl ether	ND	H	5.0	0.35	ug/L		09/29/22 08:41	09/30/22 20:04	1
4-Methylphenol	ND	H	10	0.36	ug/L		09/29/22 08:41	09/30/22 20:04	1
4-Nitroaniline	ND	H	10	0.25	ug/L		09/29/22 08:41	09/30/22 20:04	1
4-Nitrophenol	ND	H	10	1.5	ug/L		09/29/22 08:41	09/30/22 20:04	1
Acenaphthene	ND	H	5.0	0.41	ug/L		09/29/22 08:41	09/30/22 20:04	1
Acenaphthylene	ND	H	5.0	0.38	ug/L		09/29/22 08:41	09/30/22 20:04	1
Acetophenone	ND	H	5.0	0.54	ug/L		09/29/22 08:41	09/30/22 20:04	1
Anthracene	ND	H	5.0	0.28	ug/L		09/29/22 08:41	09/30/22 20:04	1
Atrazine	ND	H	5.0	0.46	ug/L		09/29/22 08:41	09/30/22 20:04	1
Benzaldehyde	ND	H	5.0	0.27	ug/L		09/29/22 08:41	09/30/22 20:04	1
Benzo(a)anthracene	ND	H	5.0	0.36	ug/L		09/29/22 08:41	09/30/22 20:04	1
Benzo(a)pyrene	ND	H	5.0	0.47	ug/L		09/29/22 08:41	09/30/22 20:04	1
Benzo(b)fluoranthene	ND	H	5.0	0.34	ug/L		09/29/22 08:41	09/30/22 20:04	1
Benzo(g,h,i)perylene	ND	H	5.0	0.35	ug/L		09/29/22 08:41	09/30/22 20:04	1
Benzo(k)fluoranthene	ND	H	5.0	0.73	ug/L		09/29/22 08:41	09/30/22 20:04	1
Bis(2-chloroethoxy)methane	ND	H	5.0	0.35	ug/L		09/29/22 08:41	09/30/22 20:04	1
Bis(2-chloroethyl)ether	ND	H	5.0	0.40	ug/L		09/29/22 08:41	09/30/22 20:04	1
Bis(2-ethylhexyl) phthalate	ND	H	5.0	2.2	ug/L		09/29/22 08:41	09/30/22 20:04	1
Butyl benzyl phthalate	ND	H	5.0	1.0	ug/L		09/29/22 08:41	09/30/22 20:04	1
Caprolactam	ND	H	5.0	2.2	ug/L		09/29/22 08:41	09/30/22 20:04	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201859-1

Client Sample ID: MW-1
Date Collected: 09/21/22 12:30
Date Received: 09/22/22 14:55

Lab Sample ID: 480-201859-2
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbazole	ND	H	5.0	0.30	ug/L		09/29/22 08:41	09/30/22 20:04	1
Chrysene	ND	H	5.0	0.33	ug/L		09/29/22 08:41	09/30/22 20:04	1
Di-n-butyl phthalate	ND	H	5.0	0.31	ug/L		09/29/22 08:41	09/30/22 20:04	1
Di-n-octyl phthalate	ND	H	5.0	0.47	ug/L		09/29/22 08:41	09/30/22 20:04	1
Dibenz(a,h)anthracene	ND	H	5.0	0.42	ug/L		09/29/22 08:41	09/30/22 20:04	1
Dibenzofuran	ND	H	10	0.51	ug/L		09/29/22 08:41	09/30/22 20:04	1
Diethyl phthalate	**11**	**H B**	5.0	0.22	ug/L		09/29/22 08:41	09/30/22 20:04	1
Dimethyl phthalate	ND	H	5.0	0.36	ug/L		09/29/22 08:41	09/30/22 20:04	1
Fluoranthene	ND	H	5.0	0.40	ug/L		09/29/22 08:41	09/30/22 20:04	1
Fluorene	ND	H	5.0	0.36	ug/L		09/29/22 08:41	09/30/22 20:04	1
Hexachlorobenzene	ND	H	5.0	0.51	ug/L		09/29/22 08:41	09/30/22 20:04	1
Hexachlorobutadiene	ND	H	5.0	0.68	ug/L		09/29/22 08:41	09/30/22 20:04	1
Hexachlorocyclopentadiene	ND	H	5.0	0.59	ug/L		09/29/22 08:41	09/30/22 20:04	1
Hexachloroethane	ND	H	5.0	0.59	ug/L		09/29/22 08:41	09/30/22 20:04	1
Indeno(1,2,3-cd)pyrene	ND	H	5.0	0.47	ug/L		09/29/22 08:41	09/30/22 20:04	1
Isophorone	ND	H	5.0	0.43	ug/L		09/29/22 08:41	09/30/22 20:04	1
N-Nitrosodi-n-propylamine	ND	H	5.0	0.54	ug/L		09/29/22 08:41	09/30/22 20:04	1
N-Nitrosodiphenylamine	ND	H	5.0	0.51	ug/L		09/29/22 08:41	09/30/22 20:04	1
Naphthalene	ND	H	5.0	0.76	ug/L		09/29/22 08:41	09/30/22 20:04	1
Nitrobenzene	ND	H	5.0	0.29	ug/L		09/29/22 08:41	09/30/22 20:04	1
Pentachlorophenol	ND	H	10	2.2	ug/L		09/29/22 08:41	09/30/22 20:04	1
Phenanthrene	ND	H	5.0	0.44	ug/L		09/29/22 08:41	09/30/22 20:04	1
Phenol	ND	H	5.0	0.39	ug/L		09/29/22 08:41	09/30/22 20:04	1
Pyrene	ND	H	5.0	0.34	ug/L		09/29/22 08:41	09/30/22 20:04	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*4.6*	*T H J*	*ug/L*		*3.04*		*09/29/22 08:41*	*09/30/22 20:04*	*1*
Unknown	*300*	*T H J*	*ug/L*		*3.47*		*09/29/22 08:41*	*09/30/22 20:04*	*1*
Unknown	*3.0*	*T H J*	*ug/L*		*4.50*		*09/29/22 08:41*	*09/30/22 20:04*	*1*
Unknown	*22*	*T H J*	*ug/L*		*5.24*		*09/29/22 08:41*	*09/30/22 20:04*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*90*		*41 - 120*	*09/29/22 08:41*	*09/30/22 20:04*	*1*
2-Fluorobiphenyl	*100*		*48 - 120*	*09/29/22 08:41*	*09/30/22 20:04*	*1*
2-Fluorophenol	*70*		*35 - 120*	*09/29/22 08:41*	*09/30/22 20:04*	*1*
Nitrobenzene-d5	*83*		*46 - 120*	*09/29/22 08:41*	*09/30/22 20:04*	*1*
p-Terphenyl-d14	*85*		*60 - 148*	*09/29/22 08:41*	*09/30/22 20:04*	*1*
Phenol-d5	*49*		*22 - 120*	*09/29/22 08:41*	*09/30/22 20:04*	*1*

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201859-1

Client Sample ID: MW-2
Date Collected: 09/21/22 13:15
Date Received: 09/22/22 14:55

Lab Sample ID: 480-201859-3
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			09/23/22 17:00	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			09/23/22 17:00	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			09/23/22 17:00	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			09/23/22 17:00	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			09/23/22 17:00	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			09/23/22 17:00	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			09/23/22 17:00	2
1,2,4-Trimethylbenzene	ND		2.0	1.5	ug/L			09/23/22 17:00	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			09/23/22 17:00	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			09/23/22 17:00	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			09/23/22 17:00	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			09/23/22 17:00	2
1,3,5-Trimethylbenzene	ND		2.0	1.5	ug/L			09/23/22 17:00	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			09/23/22 17:00	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			09/23/22 17:00	2
2-Butanone (MEK)	ND		20	2.6	ug/L			09/23/22 17:00	2
2-Hexanone	ND		10	2.5	ug/L			09/23/22 17:00	2
4-Isopropyltoluene	ND		2.0	0.62	ug/L			09/23/22 17:00	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			09/23/22 17:00	2
Acetone	ND		20	6.0	ug/L			09/23/22 17:00	2
Benzene	ND		2.0	0.82	ug/L			09/23/22 17:00	2
Bromoform	ND		2.0	0.52	ug/L			09/23/22 17:00	2
Bromomethane	ND		2.0	1.4	ug/L			09/23/22 17:00	2
Carbon disulfide	ND		2.0	0.38	ug/L			09/23/22 17:00	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			09/23/22 17:00	2
Chlorobenzene	ND		2.0	1.5	ug/L			09/23/22 17:00	2
Dibromochloromethane	ND		2.0	0.64	ug/L			09/23/22 17:00	2
Chloroethane	ND		2.0	0.64	ug/L			09/23/22 17:00	2
Chloroform	ND		2.0	0.68	ug/L			09/23/22 17:00	2
Chloromethane	ND		2.0	0.70	ug/L			09/23/22 17:00	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			09/23/22 17:00	2
Cyclohexane	ND		2.0	0.36	ug/L			09/23/22 17:00	2
Bromodichloromethane	ND		2.0	0.78	ug/L			09/23/22 17:00	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			09/23/22 17:00	2
Ethylbenzene	ND		2.0	1.5	ug/L			09/23/22 17:00	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			09/23/22 17:00	2
Isopropylbenzene	ND		2.0	1.6	ug/L			09/23/22 17:00	2
Methyl acetate	ND		5.0	2.6	ug/L			09/23/22 17:00	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			09/23/22 17:00	2
Methylcyclohexane	ND		2.0	0.32	ug/L			09/23/22 17:00	2
Methylene Chloride	ND		2.0	0.88	ug/L			09/23/22 17:00	2
m,p-Xylene	ND		4.0	1.3	ug/L			09/23/22 17:00	2
Naphthalene	ND		2.0	0.86	ug/L			09/23/22 17:00	2
n-Butylbenzene	ND		2.0	1.3	ug/L			09/23/22 17:00	2
N-Propylbenzene	ND		2.0	1.4	ug/L			09/23/22 17:00	2
o-Xylene	ND		2.0	1.5	ug/L			09/23/22 17:00	2
sec-Butylbenzene	ND		2.0	1.5	ug/L			09/23/22 17:00	2
Tetrachloroethene	ND		2.0	0.72	ug/L			09/23/22 17:00	2
Toluene	ND		2.0	1.0	ug/L			09/23/22 17:00	2

Client Sample ID: MW-2
Date Collected: 09/21/22 13:15
Date Received: 09/22/22 14:55

Lab Sample ID: 480-201859-3
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			09/23/22 17:00	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			09/23/22 17:00	2
Trichloroethene	ND		2.0	0.92	ug/L			09/23/22 17:00	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			09/23/22 17:00	2
Vinyl chloride	ND		2.0	1.8	ug/L			09/23/22 17:00	2
Xylenes, Total	ND		4.0	1.3	ug/L			09/23/22 17:00	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			09/23/22 17:00	2
Styrene	ND		2.0	1.5	ug/L			09/23/22 17:00	2
tert-Butylbenzene	ND		2.0	1.6	ug/L			09/23/22 17:00	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/23/22 17:00*	*2*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*09/23/22 17:00*	*2*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*09/23/22 17:00*	*2*
Toluene-d8 (Surr)	*89*		*80 - 120*		*09/23/22 17:00*	*2*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*09/23/22 17:00*	*2*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/23/22 08:26	09/27/22 00:50	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/23/22 08:26	09/27/22 00:50	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/23/22 08:26	09/27/22 00:50	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/23/22 08:26	09/27/22 00:50	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/23/22 08:26	09/27/22 00:50	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/23/22 08:26	09/27/22 00:50	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/23/22 08:26	09/27/22 00:50	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/23/22 08:26	09/27/22 00:50	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/23/22 08:26	09/27/22 00:50	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/23/22 08:26	09/27/22 00:50	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/23/22 08:26	09/27/22 00:50	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/23/22 08:26	09/27/22 00:50	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/23/22 08:26	09/27/22 00:50	1
2-Nitroaniline	ND		10	0.42	ug/L		09/23/22 08:26	09/27/22 00:50	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/23/22 08:26	09/27/22 00:50	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/23/22 08:26	09/27/22 00:50	1
3-Nitroaniline	ND		10	0.48	ug/L		09/23/22 08:26	09/27/22 00:50	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/23/22 08:26	09/27/22 00:50	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/23/22 08:26	09/27/22 00:50	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/23/22 08:26	09/27/22 00:50	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/23/22 08:26	09/27/22 00:50	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/23/22 08:26	09/27/22 00:50	1
4-Methylphenol	ND		10	0.36	ug/L		09/23/22 08:26	09/27/22 00:50	1
4-Nitroaniline	ND		10	0.25	ug/L		09/23/22 08:26	09/27/22 00:50	1
4-Nitrophenol	ND		10	1.5	ug/L		09/23/22 08:26	09/27/22 00:50	1
Acenaphthene	ND		5.0	0.41	ug/L		09/23/22 08:26	09/27/22 00:50	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/23/22 08:26	09/27/22 00:50	1
Acetophenone	ND		5.0	0.54	ug/L		09/23/22 08:26	09/27/22 00:50	1
Anthracene	ND		5.0	0.28	ug/L		09/23/22 08:26	09/27/22 00:50	1

Client Sample ID: MW-2
Date Collected: 09/21/22 13:15
Date Received: 09/22/22 14:55

Lab Sample ID: 480-201859-3
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		5.0	0.46	ug/L		09/23/22 08:26	09/27/22 00:50	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/23/22 08:26	09/27/22 00:50	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/23/22 08:26	09/27/22 00:50	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/23/22 08:26	09/27/22 00:50	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/23/22 08:26	09/27/22 00:50	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/23/22 08:26	09/27/22 00:50	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/23/22 08:26	09/27/22 00:50	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/23/22 08:26	09/27/22 00:50	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/23/22 08:26	09/27/22 00:50	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/23/22 08:26	09/27/22 00:50	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/23/22 08:26	09/27/22 00:50	1
Caprolactam	ND		5.0	2.2	ug/L		09/23/22 08:26	09/27/22 00:50	1
Carbazole	ND	*+	5.0	0.30	ug/L		09/23/22 08:26	09/27/22 00:50	1
Chrysene	ND		5.0	0.33	ug/L		09/23/22 08:26	09/27/22 00:50	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/23/22 08:26	09/27/22 00:50	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/23/22 08:26	09/27/22 00:50	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/23/22 08:26	09/27/22 00:50	1
Dibenzofuran	ND		10	0.51	ug/L		09/23/22 08:26	09/27/22 00:50	1
Diethyl phthalate	**11**	**B**	5.0	0.22	ug/L		09/23/22 08:26	09/27/22 00:50	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/23/22 08:26	09/27/22 00:50	1
Fluoranthene	ND		5.0	0.40	ug/L		09/23/22 08:26	09/27/22 00:50	1
Fluorene	ND		5.0	0.36	ug/L		09/23/22 08:26	09/27/22 00:50	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/23/22 08:26	09/27/22 00:50	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/23/22 08:26	09/27/22 00:50	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/23/22 08:26	09/27/22 00:50	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/23/22 08:26	09/27/22 00:50	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/23/22 08:26	09/27/22 00:50	1
Isophorone	ND		5.0	0.43	ug/L		09/23/22 08:26	09/27/22 00:50	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/23/22 08:26	09/27/22 00:50	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/23/22 08:26	09/27/22 00:50	1
Naphthalene	ND		5.0	0.76	ug/L		09/23/22 08:26	09/27/22 00:50	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/23/22 08:26	09/27/22 00:50	1
Pentachlorophenol	ND		10	2.2	ug/L		09/23/22 08:26	09/27/22 00:50	1
Phenanthrene	ND		5.0	0.44	ug/L		09/23/22 08:26	09/27/22 00:50	1
Phenol	ND		5.0	0.39	ug/L		09/23/22 08:26	09/27/22 00:50	1
Pyrene	ND		5.0	0.34	ug/L		09/23/22 08:26	09/27/22 00:50	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
1-Pentene, 2-methyl-	*14*	*T J N*	*ug/L*		*2.45*	*763-29-1*	*09/23/22 08:26*	*09/27/22 00:50*	*1*
Unknown	*2.5*	*T J*	*ug/L*		*2.54*		*09/23/22 08:26*	*09/27/22 00:50*	*1*
Unknown	*360*	*T J*	*ug/L*		*2.68*		*09/23/22 08:26*	*09/27/22 00:50*	*1*
Unknown	*2.0*	*T J*	*ug/L*		*3.90*		*09/23/22 08:26*	*09/27/22 00:50*	*1*
Unknown	*20*	*T J*	*ug/L*		*4.73*		*09/23/22 08:26*	*09/27/22 00:50*	*1*
Unknown	*2.1*	*T J*	*ug/L*		*6.80*		*09/23/22 08:26*	*09/27/22 00:50*	*1*
n-Hexadecanoic acid	*3.1*	*T J N*	*ug/L*		*10.39*	*57-10-3*	*09/23/22 08:26*	*09/27/22 00:50*	*1*
Tricosane	*1.8*	*T J N*	*ug/L*		*11.49*	*638-67-5*	*09/23/22 08:26*	*09/27/22 00:50*	*1*
Heneicosane	*5.3*	*T J N*	*ug/L*		*12.23*	*629-94-7*	*09/23/22 08:26*	*09/27/22 00:50*	*1*
Eicosane, 10-methyl-	*5.9*	*T J N*	*ug/L*		*12.64*	*54833-23-7*	*09/23/22 08:26*	*09/27/22 00:50*	*1*
Eicosane	*6.1*	*T J N*	*ug/L*		*13.08*	*112-95-8*	*09/23/22 08:26*	*09/27/22 00:50*	*1*
Dotriacontane	*4.2*	*T J N*	*ug/L*		*13.56*	*544-85-4*	*09/23/22 08:26*	*09/27/22 00:50*	*1*

Client Sample ID: MW-2
Date Collected: 09/21/22 13:15
Date Received: 09/22/22 14:55

Lab Sample ID: 480-201859-3
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Octadecane	2.8	T J N	ug/L		14.05	593-45-3	09/23/22 08:26	09/27/22 00:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	66		41 - 120	09/23/22 08:26	09/27/22 00:50	1
2-Fluorobiphenyl	70		48 - 120	09/23/22 08:26	09/27/22 00:50	1
2-Fluorophenol	48		35 - 120	09/23/22 08:26	09/27/22 00:50	1
Nitrobenzene-d5	58		46 - 120	09/23/22 08:26	09/27/22 00:50	1
p-Terphenyl-d14	60		60 - 148	09/23/22 08:26	09/27/22 00:50	1
Phenol-d5	37		22 - 120	09/23/22 08:26	09/27/22 00:50	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND	H	5.0	0.65	ug/L		09/29/22 08:41	09/30/22 20:32	1
bis (2-chloroisopropyl) ether	ND	H	5.0	0.52	ug/L		09/29/22 08:41	09/30/22 20:32	1
2,4,5-Trichlorophenol	ND	H	5.0	0.48	ug/L		09/29/22 08:41	09/30/22 20:32	1
2,4,6-Trichlorophenol	ND	H	5.0	0.61	ug/L		09/29/22 08:41	09/30/22 20:32	1
2,4-Dichlorophenol	ND	H	5.0	0.51	ug/L		09/29/22 08:41	09/30/22 20:32	1
2,4-Dimethylphenol	ND	H	5.0	0.50	ug/L		09/29/22 08:41	09/30/22 20:32	1
2,4-Dinitrophenol	ND	H	10	2.2	ug/L		09/29/22 08:41	09/30/22 20:32	1
2,4-Dinitrotoluene	ND	H	5.0	0.45	ug/L		09/29/22 08:41	09/30/22 20:32	1
2,6-Dinitrotoluene	ND	H	5.0	0.40	ug/L		09/29/22 08:41	09/30/22 20:32	1
2-Chloronaphthalene	ND	H	5.0	0.46	ug/L		09/29/22 08:41	09/30/22 20:32	1
2-Chlorophenol	ND	H	5.0	0.53	ug/L		09/29/22 08:41	09/30/22 20:32	1
2-Methylnaphthalene	ND	H	5.0	0.60	ug/L		09/29/22 08:41	09/30/22 20:32	1
2-Methylphenol	ND	H	5.0	0.40	ug/L		09/29/22 08:41	09/30/22 20:32	1
2-Nitroaniline	ND	H	10	0.42	ug/L		09/29/22 08:41	09/30/22 20:32	1
2-Nitrophenol	ND	H	5.0	0.48	ug/L		09/29/22 08:41	09/30/22 20:32	1
3,3'-Dichlorobenzidine	ND	H	5.0	0.40	ug/L		09/29/22 08:41	09/30/22 20:32	1
3-Nitroaniline	ND	H	10	0.48	ug/L		09/29/22 08:41	09/30/22 20:32	1
4,6-Dinitro-2-methylphenol	ND	H	10	2.2	ug/L		09/29/22 08:41	09/30/22 20:32	1
4-Bromophenyl phenyl ether	ND	H	5.0	0.45	ug/L		09/29/22 08:41	09/30/22 20:32	1
4-Chloro-3-methylphenol	ND	H	5.0	0.45	ug/L		09/29/22 08:41	09/30/22 20:32	1
4-Chloroaniline	ND	H	5.0	0.59	ug/L		09/29/22 08:41	09/30/22 20:32	1
4-Chlorophenyl phenyl ether	ND	H	5.0	0.35	ug/L		09/29/22 08:41	09/30/22 20:32	1
4-Methylphenol	ND	H	10	0.36	ug/L		09/29/22 08:41	09/30/22 20:32	1
4-Nitroaniline	ND	H	10	0.25	ug/L		09/29/22 08:41	09/30/22 20:32	1
4-Nitrophenol	ND	H	10	1.5	ug/L		09/29/22 08:41	09/30/22 20:32	1
Acenaphthene	ND	H	5.0	0.41	ug/L		09/29/22 08:41	09/30/22 20:32	1
Acenaphthylene	ND	H	5.0	0.38	ug/L		09/29/22 08:41	09/30/22 20:32	1
Acetophenone	ND	H	5.0	0.54	ug/L		09/29/22 08:41	09/30/22 20:32	1
Anthracene	ND	H	5.0	0.28	ug/L		09/29/22 08:41	09/30/22 20:32	1
Atrazine	ND	H	5.0	0.46	ug/L		09/29/22 08:41	09/30/22 20:32	1
Benzaldehyde	ND	H	5.0	0.27	ug/L		09/29/22 08:41	09/30/22 20:32	1
Benzo(a)anthracene	ND	H	5.0	0.36	ug/L		09/29/22 08:41	09/30/22 20:32	1
Benzo(a)pyrene	ND	H	5.0	0.47	ug/L		09/29/22 08:41	09/30/22 20:32	1
Benzo(b)fluoranthene	ND	H	5.0	0.34	ug/L		09/29/22 08:41	09/30/22 20:32	1
Benzo(g,h,i)perylene	ND	H	5.0	0.35	ug/L		09/29/22 08:41	09/30/22 20:32	1
Benzo(k)fluoranthene	ND	H	5.0	0.73	ug/L		09/29/22 08:41	09/30/22 20:32	1
Bis(2-chloroethoxy)methane	ND	H	5.0	0.35	ug/L		09/29/22 08:41	09/30/22 20:32	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201859-1

Client Sample ID: MW-2
Date Collected: 09/21/22 13:15
Date Received: 09/22/22 14:55

Lab Sample ID: 480-201859-3
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND	H	5.0	0.40	ug/L		09/29/22 08:41	09/30/22 20:32	1
Bis(2-ethylhexyl) phthalate	ND	H	5.0	2.2	ug/L		09/29/22 08:41	09/30/22 20:32	1
Butyl benzyl phthalate	ND	H	5.0	1.0	ug/L		09/29/22 08:41	09/30/22 20:32	1
Caprolactam	ND	H	5.0	2.2	ug/L		09/29/22 08:41	09/30/22 20:32	1
Carbazole	ND	H	5.0	0.30	ug/L		09/29/22 08:41	09/30/22 20:32	1
Chrysene	ND	H	5.0	0.33	ug/L		09/29/22 08:41	09/30/22 20:32	1
Di-n-butyl phthalate	ND	H	5.0	0.31	ug/L		09/29/22 08:41	09/30/22 20:32	1
Di-n-octyl phthalate	ND	H	5.0	0.47	ug/L		09/29/22 08:41	09/30/22 20:32	1
Dibenz(a,h)anthracene	ND	H	5.0	0.42	ug/L		09/29/22 08:41	09/30/22 20:32	1
Dibenzofuran	ND	H	10	0.51	ug/L		09/29/22 08:41	09/30/22 20:32	1
Diethyl phthalate	**10**	**H B**	5.0	0.22	ug/L		09/29/22 08:41	09/30/22 20:32	1
Dimethyl phthalate	ND	H	5.0	0.36	ug/L		09/29/22 08:41	09/30/22 20:32	1
Fluoranthene	ND	H	5.0	0.40	ug/L		09/29/22 08:41	09/30/22 20:32	1
Fluorene	ND	H	5.0	0.36	ug/L		09/29/22 08:41	09/30/22 20:32	1
Hexachlorobenzene	ND	H	5.0	0.51	ug/L		09/29/22 08:41	09/30/22 20:32	1
Hexachlorobutadiene	ND	H	5.0	0.68	ug/L		09/29/22 08:41	09/30/22 20:32	1
Hexachlorocyclopentadiene	ND	H	5.0	0.59	ug/L		09/29/22 08:41	09/30/22 20:32	1
Hexachloroethane	ND	H	5.0	0.59	ug/L		09/29/22 08:41	09/30/22 20:32	1
Indeno(1,2,3-cd)pyrene	ND	H	5.0	0.47	ug/L		09/29/22 08:41	09/30/22 20:32	1
Isophorone	ND	H	5.0	0.43	ug/L		09/29/22 08:41	09/30/22 20:32	1
N-Nitrosodi-n-propylamine	ND	H	5.0	0.54	ug/L		09/29/22 08:41	09/30/22 20:32	1
N-Nitrosodiphenylamine	ND	H	5.0	0.51	ug/L		09/29/22 08:41	09/30/22 20:32	1
Naphthalene	ND	H	5.0	0.76	ug/L		09/29/22 08:41	09/30/22 20:32	1
Nitrobenzene	ND	H	5.0	0.29	ug/L		09/29/22 08:41	09/30/22 20:32	1
Pentachlorophenol	ND	H	10	2.2	ug/L		09/29/22 08:41	09/30/22 20:32	1
Phenanthrene	ND	H	5.0	0.44	ug/L		09/29/22 08:41	09/30/22 20:32	1
Phenol	ND	H	5.0	0.39	ug/L		09/29/22 08:41	09/30/22 20:32	1
Pyrene	ND	H	5.0	0.34	ug/L		09/29/22 08:41	09/30/22 20:32	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclohexane	*1.7*	*T H J N*	*ug/L*		*2.71*	*110-82-7*	*09/29/22 08:41*	*09/30/22 20:32*	*1*
Unknown	*4.4*	*T H J*	*ug/L*		*3.04*		*09/29/22 08:41*	*09/30/22 20:32*	*1*
Unknown	*300*	*T H J*	*ug/L*		*3.47*		*09/29/22 08:41*	*09/30/22 20:32*	*1*
Unknown	*3.0*	*T H J*	*ug/L*		*4.50*		*09/29/22 08:41*	*09/30/22 20:32*	*1*
Unknown	*25*	*T H J*	*ug/L*		*5.24*		*09/29/22 08:41*	*09/30/22 20:32*	*1*
Column Bleed	*1.6*	*T H J*	*ug/L*		*7.25*		*09/29/22 08:41*	*09/30/22 20:32*	*1*
Tricosane	*2.3*	*T H J N*	*ug/L*		*12.11*	*638-67-5*	*09/29/22 08:41*	*09/30/22 20:32*	*1*
Heneicosane	*6.6*	*T H J N*	*ug/L*		*12.97*	*629-94-7*	*09/29/22 08:41*	*09/30/22 20:32*	*1*
Eicosane	*8.0*	*T H J N*	*ug/L*		*13.44*	*112-95-8*	*09/29/22 08:41*	*09/30/22 20:32*	*1*
Heptacosane	*7.3*	*T H J N*	*ug/L*		*13.94*	*593-49-7*	*09/29/22 08:41*	*09/30/22 20:32*	*1*
Eicosane, 9-octyl-	*5.5*	*T H J N*	*ug/L*		*14.46*	*13475-77-9*	*09/29/22 08:41*	*09/30/22 20:32*	*1*
Eicosane, 10-methyl-	*3.3*	*T H J N*	*ug/L*		*15.01*	*54833-23-7*	*09/29/22 08:41*	*09/30/22 20:32*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*99*		*41 - 120*	*09/29/22 08:41*	*09/30/22 20:32*	*1*
2-Fluorobiphenyl	*101*		*48 - 120*	*09/29/22 08:41*	*09/30/22 20:32*	*1*
2-Fluorophenol	*69*		*35 - 120*	*09/29/22 08:41*	*09/30/22 20:32*	*1*
Nitrobenzene-d5	*83*		*46 - 120*	*09/29/22 08:41*	*09/30/22 20:32*	*1*
p-Terphenyl-d14	*74*		*60 - 148*	*09/29/22 08:41*	*09/30/22 20:32*	*1*
Phenol-d5	*50*		*22 - 120*	*09/29/22 08:41*	*09/30/22 20:32*	*1*

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201859-1

Client Sample ID: MW-3
Date Collected: 09/21/22 14:15
Date Received: 09/22/22 14:55

Lab Sample ID: 480-201859-4
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			09/23/22 17:23	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			09/23/22 17:23	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			09/23/22 17:23	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			09/23/22 17:23	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			09/23/22 17:23	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			09/23/22 17:23	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			09/23/22 17:23	2
1,2,4-Trimethylbenzene	ND		2.0	1.5	ug/L			09/23/22 17:23	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			09/23/22 17:23	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			09/23/22 17:23	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			09/23/22 17:23	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			09/23/22 17:23	2
1,3,5-Trimethylbenzene	ND		2.0	1.5	ug/L			09/23/22 17:23	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			09/23/22 17:23	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			09/23/22 17:23	2
2-Butanone (MEK)	ND		20	2.6	ug/L			09/23/22 17:23	2
2-Hexanone	ND		10	2.5	ug/L			09/23/22 17:23	2
4-Isopropyltoluene	ND		2.0	0.62	ug/L			09/23/22 17:23	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			09/23/22 17:23	2
Acetone	ND		20	6.0	ug/L			09/23/22 17:23	2
Benzene	ND		2.0	0.82	ug/L			09/23/22 17:23	2
Bromoform	ND		2.0	0.52	ug/L			09/23/22 17:23	2
Bromomethane	ND		2.0	1.4	ug/L			09/23/22 17:23	2
Carbon disulfide	ND		2.0	0.38	ug/L			09/23/22 17:23	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			09/23/22 17:23	2
Chlorobenzene	ND		2.0	1.5	ug/L			09/23/22 17:23	2
Dibromochloromethane	ND		2.0	0.64	ug/L			09/23/22 17:23	2
Chloroethane	ND		2.0	0.64	ug/L			09/23/22 17:23	2
Chloroform	ND		2.0	0.68	ug/L			09/23/22 17:23	2
Chloromethane	ND		2.0	0.70	ug/L			09/23/22 17:23	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			09/23/22 17:23	2
Cyclohexane	ND		2.0	0.36	ug/L			09/23/22 17:23	2
Bromodichloromethane	ND		2.0	0.78	ug/L			09/23/22 17:23	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			09/23/22 17:23	2
Ethylbenzene	ND		2.0	1.5	ug/L			09/23/22 17:23	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			09/23/22 17:23	2
Isopropylbenzene	ND		2.0	1.6	ug/L			09/23/22 17:23	2
Methyl acetate	ND		5.0	2.6	ug/L			09/23/22 17:23	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			09/23/22 17:23	2
Methylcyclohexane	ND		2.0	0.32	ug/L			09/23/22 17:23	2
Methylene Chloride	ND		2.0	0.88	ug/L			09/23/22 17:23	2
m,p-Xylene	ND		4.0	1.3	ug/L			09/23/22 17:23	2
Naphthalene	ND		2.0	0.86	ug/L			09/23/22 17:23	2
n-Butylbenzene	ND		2.0	1.3	ug/L			09/23/22 17:23	2
N-Propylbenzene	ND		2.0	1.4	ug/L			09/23/22 17:23	2
o-Xylene	ND		2.0	1.5	ug/L			09/23/22 17:23	2
sec-Butylbenzene	ND		2.0	1.5	ug/L			09/23/22 17:23	2
Tetrachloroethene	ND		2.0	0.72	ug/L			09/23/22 17:23	2
Toluene	ND		2.0	1.0	ug/L			09/23/22 17:23	2

Client Sample ID: MW-3
Date Collected: 09/21/22 14:15
Date Received: 09/22/22 14:55

Lab Sample ID: 480-201859-4
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			09/23/22 17:23	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			09/23/22 17:23	2
Trichloroethene	ND		2.0	0.92	ug/L			09/23/22 17:23	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			09/23/22 17:23	2
Vinyl chloride	ND		2.0	1.8	ug/L			09/23/22 17:23	2
Xylenes, Total	ND		4.0	1.3	ug/L			09/23/22 17:23	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			09/23/22 17:23	2
Styrene	ND		2.0	1.5	ug/L			09/23/22 17:23	2
tert-Butylbenzene	ND		2.0	1.6	ug/L			09/23/22 17:23	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/23/22 17:23*	*2*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*09/23/22 17:23*	*2*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*09/23/22 17:23*	*2*
Toluene-d8 (Surr)	*90*		*80 - 120*		*09/23/22 17:23*	*2*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*09/23/22 17:23*	*2*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/23/22 08:26	09/27/22 13:16	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/23/22 08:26	09/27/22 13:16	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/23/22 08:26	09/27/22 13:16	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/23/22 08:26	09/27/22 13:16	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/23/22 08:26	09/27/22 13:16	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/23/22 08:26	09/27/22 13:16	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/23/22 08:26	09/27/22 13:16	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/23/22 08:26	09/27/22 13:16	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/23/22 08:26	09/27/22 13:16	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/23/22 08:26	09/27/22 13:16	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/23/22 08:26	09/27/22 13:16	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/23/22 08:26	09/27/22 13:16	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/23/22 08:26	09/27/22 13:16	1
2-Nitroaniline	ND		10	0.42	ug/L		09/23/22 08:26	09/27/22 13:16	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/23/22 08:26	09/27/22 13:16	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/23/22 08:26	09/27/22 13:16	1
3-Nitroaniline	ND		10	0.48	ug/L		09/23/22 08:26	09/27/22 13:16	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/23/22 08:26	09/27/22 13:16	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/23/22 08:26	09/27/22 13:16	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/23/22 08:26	09/27/22 13:16	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/23/22 08:26	09/27/22 13:16	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/23/22 08:26	09/27/22 13:16	1
4-Methylphenol	ND		10	0.36	ug/L		09/23/22 08:26	09/27/22 13:16	1
4-Nitroaniline	ND		10	0.25	ug/L		09/23/22 08:26	09/27/22 13:16	1
4-Nitrophenol	ND		10	1.5	ug/L		09/23/22 08:26	09/27/22 13:16	1
Acenaphthene	ND		5.0	0.41	ug/L		09/23/22 08:26	09/27/22 13:16	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/23/22 08:26	09/27/22 13:16	1
Acetophenone	ND		5.0	0.54	ug/L		09/23/22 08:26	09/27/22 13:16	1
Anthracene	ND		5.0	0.28	ug/L		09/23/22 08:26	09/27/22 13:16	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201859-1

Client Sample ID: MW-3
Date Collected: 09/21/22 14:15
Date Received: 09/22/22 14:55

Lab Sample ID: 480-201859-4
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	ND		5.0	0.46	ug/L		09/23/22 08:26	09/27/22 13:16	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/23/22 08:26	09/27/22 13:16	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/23/22 08:26	09/27/22 13:16	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/23/22 08:26	09/27/22 13:16	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/23/22 08:26	09/27/22 13:16	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/23/22 08:26	09/27/22 13:16	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/23/22 08:26	09/27/22 13:16	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/23/22 08:26	09/27/22 13:16	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/23/22 08:26	09/27/22 13:16	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/23/22 08:26	09/27/22 13:16	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/23/22 08:26	09/27/22 13:16	1
Caprolactam	ND		5.0	2.2	ug/L		09/23/22 08:26	09/27/22 13:16	1
Carbazole	ND	*+	5.0	0.30	ug/L		09/23/22 08:26	09/27/22 13:16	1
Chrysene	ND		5.0	0.33	ug/L		09/23/22 08:26	09/27/22 13:16	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/23/22 08:26	09/27/22 13:16	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/23/22 08:26	09/27/22 13:16	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/23/22 08:26	09/27/22 13:16	1
Dibenzofuran	ND		10	0.51	ug/L		09/23/22 08:26	09/27/22 13:16	1
Diethyl phthalate	**9.7**	**B**	5.0	0.22	ug/L		09/23/22 08:26	09/27/22 13:16	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/23/22 08:26	09/27/22 13:16	1
Fluoranthene	ND		5.0	0.40	ug/L		09/23/22 08:26	09/27/22 13:16	1
Fluorene	ND		5.0	0.36	ug/L		09/23/22 08:26	09/27/22 13:16	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/23/22 08:26	09/27/22 13:16	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/23/22 08:26	09/27/22 13:16	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/23/22 08:26	09/27/22 13:16	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/23/22 08:26	09/27/22 13:16	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/23/22 08:26	09/27/22 13:16	1
Isophorone	ND		5.0	0.43	ug/L		09/23/22 08:26	09/27/22 13:16	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/23/22 08:26	09/27/22 13:16	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/23/22 08:26	09/27/22 13:16	1
Naphthalene	ND		5.0	0.76	ug/L		09/23/22 08:26	09/27/22 13:16	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/23/22 08:26	09/27/22 13:16	1
Pentachlorophenol	ND		10	2.2	ug/L		09/23/22 08:26	09/27/22 13:16	1
Phenanthrene	ND		5.0	0.44	ug/L		09/23/22 08:26	09/27/22 13:16	1
Phenol	ND		5.0	0.39	ug/L		09/23/22 08:26	09/27/22 13:16	1
Pyrene	ND		5.0	0.34	ug/L		09/23/22 08:26	09/27/22 13:16	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclohexane	*5.5*	*T J N*	*ug/L*		*2.46*	*110-82-7*	*09/23/22 08:26*	*09/27/22 13:16*	*1*
Unknown	*410*	*T J*	*ug/L*		*2.70*		*09/23/22 08:26*	*09/27/22 13:16*	*1*
Unknown	*2.3*	*T J*	*ug/L*		*3.90*		*09/23/22 08:26*	*09/27/22 13:16*	*1*
Unknown	*20*	*T J*	*ug/L*		*4.74*		*09/23/22 08:26*	*09/27/22 13:16*	*1*
Unknown	*5.0*	*T J*	*ug/L*		*5.85*		*09/23/22 08:26*	*09/27/22 13:16*	*1*
Unknown	*5.0*	*T J*	*ug/L*		*6.80*		*09/23/22 08:26*	*09/27/22 13:16*	*1*
Unknown	*1.8*	*T J*	*ug/L*		*8.36*		*09/23/22 08:26*	*09/27/22 13:16*	*1*
Unknown	*3.8*	*T J*	*ug/L*		*8.43*		*09/23/22 08:26*	*09/27/22 13:16*	*1*
Unknown	*2.9*	*T J*	*ug/L*		*8.47*		*09/23/22 08:26*	*09/27/22 13:16*	*1*
Acetic acid, (2,4-xylyl)-	*2.6*	*T J N*	*ug/L*		*8.52*	*6331-04-0*	*09/23/22 08:26*	*09/27/22 13:16*	*1*
Unknown	*3.9*	*T J*	*ug/L*		*9.20*		*09/23/22 08:26*	*09/27/22 13:16*	*1*
n-Hexadecanoic acid	*4.7*	*T J N*	*ug/L*		*10.39*	*57-10-3*	*09/23/22 08:26*	*09/27/22 13:16*	*1*

Client Sample ID: MW-3
Date Collected: 09/21/22 14:15
Date Received: 09/22/22 14:55

Lab Sample ID: 480-201859-4
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	1.6	T J	ug/L		11.04		09/23/22 08:26	09/27/22 13:16	1
Eicosane	3.0	T J N	ug/L		11.49	112-95-8	09/23/22 08:26	09/27/22 13:16	1
Docosane	8.5	T J N	ug/L		12.23	629-97-0	09/23/22 08:26	09/27/22 13:16	1
Nonadecane	10	T J N	ug/L		12.64	629-92-5	09/23/22 08:26	09/27/22 13:16	1
Pentatriacontane	9.9	T J N	ug/L		13.08	630-07-9	09/23/22 08:26	09/27/22 13:16	1
Octacosane	6.7	T J N	ug/L		13.55	630-02-4	09/23/22 08:26	09/27/22 13:16	1
Docosane, 5-butyl-	4.2	T J N	ug/L		14.05	55282-16-1	09/23/22 08:26	09/27/22 13:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	98		41 - 120	09/23/22 08:26	09/27/22 13:16	1
2-Fluorobiphenyl	102		48 - 120	09/23/22 08:26	09/27/22 13:16	1
2-Fluorophenol	68		35 - 120	09/23/22 08:26	09/27/22 13:16	1
Nitrobenzene-d5	84		46 - 120	09/23/22 08:26	09/27/22 13:16	1
p-Terphenyl-d14	80		60 - 148	09/23/22 08:26	09/27/22 13:16	1
Phenol-d5	52		22 - 120	09/23/22 08:26	09/27/22 13:16	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND	H	5.0	0.65	ug/L		09/29/22 08:41	09/30/22 20:59	1
bis (2-chloroisopropyl) ether	ND	H	5.0	0.52	ug/L		09/29/22 08:41	09/30/22 20:59	1
2,4,5-Trichlorophenol	ND	H	5.0	0.48	ug/L		09/29/22 08:41	09/30/22 20:59	1
2,4,6-Trichlorophenol	ND	H	5.0	0.61	ug/L		09/29/22 08:41	09/30/22 20:59	1
2,4-Dichlorophenol	ND	H	5.0	0.51	ug/L		09/29/22 08:41	09/30/22 20:59	1
2,4-Dimethylphenol	ND	H	5.0	0.50	ug/L		09/29/22 08:41	09/30/22 20:59	1
2,4-Dinitrophenol	ND	H	10	2.2	ug/L		09/29/22 08:41	09/30/22 20:59	1
2,4-Dinitrotoluene	ND	H	5.0	0.45	ug/L		09/29/22 08:41	09/30/22 20:59	1
2,6-Dinitrotoluene	ND	H	5.0	0.40	ug/L		09/29/22 08:41	09/30/22 20:59	1
2-Chloronaphthalene	ND	H	5.0	0.46	ug/L		09/29/22 08:41	09/30/22 20:59	1
2-Chlorophenol	ND	H	5.0	0.53	ug/L		09/29/22 08:41	09/30/22 20:59	1
2-Methylnaphthalene	ND	H	5.0	0.60	ug/L		09/29/22 08:41	09/30/22 20:59	1
2-Methylphenol	ND	H	5.0	0.40	ug/L		09/29/22 08:41	09/30/22 20:59	1
2-Nitroaniline	ND	H	10	0.42	ug/L		09/29/22 08:41	09/30/22 20:59	1
2-Nitrophenol	ND	H	5.0	0.48	ug/L		09/29/22 08:41	09/30/22 20:59	1
3,3'-Dichlorobenzidine	ND	H	5.0	0.40	ug/L		09/29/22 08:41	09/30/22 20:59	1
3-Nitroaniline	ND	H	10	0.48	ug/L		09/29/22 08:41	09/30/22 20:59	1
4,6-Dinitro-2-methylphenol	ND	H	10	2.2	ug/L		09/29/22 08:41	09/30/22 20:59	1
4-Bromophenyl phenyl ether	ND	H	5.0	0.45	ug/L		09/29/22 08:41	09/30/22 20:59	1
4-Chloro-3-methylphenol	ND	H	5.0	0.45	ug/L		09/29/22 08:41	09/30/22 20:59	1
4-Chloroaniline	ND	H	5.0	0.59	ug/L		09/29/22 08:41	09/30/22 20:59	1
4-Chlorophenyl phenyl ether	ND	H	5.0	0.35	ug/L		09/29/22 08:41	09/30/22 20:59	1
4-Methylphenol	ND	H	10	0.36	ug/L		09/29/22 08:41	09/30/22 20:59	1
4-Nitroaniline	ND	H	10	0.25	ug/L		09/29/22 08:41	09/30/22 20:59	1
4-Nitrophenol	ND	H	10	1.5	ug/L		09/29/22 08:41	09/30/22 20:59	1
Acenaphthene	ND	H	5.0	0.41	ug/L		09/29/22 08:41	09/30/22 20:59	1
Acenaphthylene	ND	H	5.0	0.38	ug/L		09/29/22 08:41	09/30/22 20:59	1
Acetophenone	ND	H	5.0	0.54	ug/L		09/29/22 08:41	09/30/22 20:59	1
Anthracene	ND	H	5.0	0.28	ug/L		09/29/22 08:41	09/30/22 20:59	1
Atrazine	ND	H	5.0	0.46	ug/L		09/29/22 08:41	09/30/22 20:59	1
Benzaldehyde	ND	H	5.0	0.27	ug/L		09/29/22 08:41	09/30/22 20:59	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201859-1

Client Sample ID: MW-3
Date Collected: 09/21/22 14:15
Date Received: 09/22/22 14:55

Lab Sample ID: 480-201859-4
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo(a)anthracene	ND	H	5.0	0.36	ug/L		09/29/22 08:41	09/30/22 20:59	1
Benzo(a)pyrene	ND	H	5.0	0.47	ug/L		09/29/22 08:41	09/30/22 20:59	1
Benzo(b)fluoranthene	ND	H	5.0	0.34	ug/L		09/29/22 08:41	09/30/22 20:59	1
Benzo(g,h,i)perylene	ND	H	5.0	0.35	ug/L		09/29/22 08:41	09/30/22 20:59	1
Benzo(k)fluoranthene	ND	H	5.0	0.73	ug/L		09/29/22 08:41	09/30/22 20:59	1
Bis(2-chloroethoxy)methane	ND	H	5.0	0.35	ug/L		09/29/22 08:41	09/30/22 20:59	1
Bis(2-chloroethyl)ether	ND	H	5.0	0.40	ug/L		09/29/22 08:41	09/30/22 20:59	1
Bis(2-ethylhexyl) phthalate	ND	H	5.0	2.2	ug/L		09/29/22 08:41	09/30/22 20:59	1
Butyl benzyl phthalate	ND	H	5.0	1.0	ug/L		09/29/22 08:41	09/30/22 20:59	1
Caprolactam	ND	H	5.0	2.2	ug/L		09/29/22 08:41	09/30/22 20:59	1
Carbazole	ND	H	5.0	0.30	ug/L		09/29/22 08:41	09/30/22 20:59	1
Chrysene	ND	H	5.0	0.33	ug/L		09/29/22 08:41	09/30/22 20:59	1
Di-n-butyl phthalate	ND	H	5.0	0.31	ug/L		09/29/22 08:41	09/30/22 20:59	1
Di-n-octyl phthalate	ND	H	5.0	0.47	ug/L		09/29/22 08:41	09/30/22 20:59	1
Dibenz(a,h)anthracene	ND	H	5.0	0.42	ug/L		09/29/22 08:41	09/30/22 20:59	1
Dibenzofuran	ND	H	10	0.51	ug/L		09/29/22 08:41	09/30/22 20:59	1
Diethyl phthalate	**9.7**	**H B**	5.0	0.22	ug/L		09/29/22 08:41	09/30/22 20:59	1
Dimethyl phthalate	ND	H	5.0	0.36	ug/L		09/29/22 08:41	09/30/22 20:59	1
Fluoranthene	ND	H	5.0	0.40	ug/L		09/29/22 08:41	09/30/22 20:59	1
Fluorene	ND	H	5.0	0.36	ug/L		09/29/22 08:41	09/30/22 20:59	1
Hexachlorobenzene	ND	H	5.0	0.51	ug/L		09/29/22 08:41	09/30/22 20:59	1
Hexachlorobutadiene	ND	H	5.0	0.68	ug/L		09/29/22 08:41	09/30/22 20:59	1
Hexachlorocyclopentadiene	ND	H	5.0	0.59	ug/L		09/29/22 08:41	09/30/22 20:59	1
Hexachloroethane	ND	H	5.0	0.59	ug/L		09/29/22 08:41	09/30/22 20:59	1
Indeno(1,2,3-cd)pyrene	ND	H	5.0	0.47	ug/L		09/29/22 08:41	09/30/22 20:59	1
Isophorone	ND	H	5.0	0.43	ug/L		09/29/22 08:41	09/30/22 20:59	1
N-Nitrosodi-n-propylamine	ND	H	5.0	0.54	ug/L		09/29/22 08:41	09/30/22 20:59	1
N-Nitrosodiphenylamine	ND	H	5.0	0.51	ug/L		09/29/22 08:41	09/30/22 20:59	1
Naphthalene	ND	H	5.0	0.76	ug/L		09/29/22 08:41	09/30/22 20:59	1
Nitrobenzene	ND	H	5.0	0.29	ug/L		09/29/22 08:41	09/30/22 20:59	1
Pentachlorophenol	ND	H	10	2.2	ug/L		09/29/22 08:41	09/30/22 20:59	1
Phenanthrene	ND	H	5.0	0.44	ug/L		09/29/22 08:41	09/30/22 20:59	1
Phenol	ND	H	5.0	0.39	ug/L		09/29/22 08:41	09/30/22 20:59	1
Pyrene	ND	H	5.0	0.34	ug/L		09/29/22 08:41	09/30/22 20:59	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*5.0*	*T H J*	*ug/L*		*3.04*		*09/29/22 08:41*	*09/30/22 20:59*	*1*
Unknown	*320*	*T H J*	*ug/L*		*3.47*		*09/29/22 08:41*	*09/30/22 20:59*	*1*
Unknown	*3.2*	*T H J*	*ug/L*		*4.50*		*09/29/22 08:41*	*09/30/22 20:59*	*1*
Unknown	*22*	*T H J*	*ug/L*		*5.24*		*09/29/22 08:41*	*09/30/22 20:59*	*1*
Unknown	*1.7*	*T H J*	*ug/L*		*7.25*		*09/29/22 08:41*	*09/30/22 20:59*	*1*
Unknown	*1.6*	*T H J*	*ug/L*		*7.63*		*09/29/22 08:41*	*09/30/22 20:59*	*1*
Unknown	*2.9*	*T H J*	*ug/L*		*8.89*		*09/29/22 08:41*	*09/30/22 20:59*	*1*
Unknown	*2.8*	*T H J*	*ug/L*		*9.69*		*09/29/22 08:41*	*09/30/22 20:59*	*1*
Hexadecane, 5-butyl-	*3.3*	*T H J N*	*ug/L*		*12.11*	*6912-07-8*	*09/29/22 08:41*	*09/30/22 20:59*	*1*
Eicosane, 10-methyl-	*10*	*T H J N*	*ug/L*		*12.97*	*54833-23-7*	*09/29/22 08:41*	*09/30/22 20:59*	*1*
Docosane	*13*	*T H J N*	*ug/L*		*13.44*	*629-97-0*	*09/29/22 08:41*	*09/30/22 20:59*	*1*
Octacosane	*12*	*T H J N*	*ug/L*		*13.94*	*630-02-4*	*09/29/22 08:41*	*09/30/22 20:59*	*1*
Hexadecane	*9.6*	*T H J N*	*ug/L*		*14.47*	*544-76-3*	*09/29/22 08:41*	*09/30/22 20:59*	*1*
Octadecane	*6.2*	*T H J N*	*ug/L*		*15.01*	*593-45-3*	*09/29/22 08:41*	*09/30/22 20:59*	*1*

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201859-1

Client Sample ID: MW-3
Date Collected: 09/21/22 14:15
Date Received: 09/22/22 14:55

Lab Sample ID: 480-201859-4
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - RE (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Heneicosane	3.1	T H J N	ug/L		15.58	629-94-7	09/29/22 08:41	09/30/22 20:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	111		41 - 120	09/29/22 08:41	09/30/22 20:59	1
2-Fluorobiphenyl	106		48 - 120	09/29/22 08:41	09/30/22 20:59	1
2-Fluorophenol	75		35 - 120	09/29/22 08:41	09/30/22 20:59	1
Nitrobenzene-d5	85		46 - 120	09/29/22 08:41	09/30/22 20:59	1
p-Terphenyl-d14	80		60 - 148	09/29/22 08:41	09/30/22 20:59	1
Phenol-d5	54		22 - 120	09/29/22 08:41	09/30/22 20:59	1

Surrogate Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201859-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-201859-1	MW-7	103	99	92	99
480-201859-2	MW-1	104	97	88	98
480-201859-3	MW-2	100	99	89	98
480-201859-4	MW-3	103	99	90	100
LCS 480-642530/6	Lab Control Sample	98	98	90	100
MB 480-642530/8	Method Blank	97	97	91	95

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL
Lab Sample ID	Client Sample ID	(41-120)	(48-120)	(35-120)	(46-120)	(60-148)	(22-120)
480-201859-1	MW-7	75	95	63	75	79	49
480-201859-1 - RE	MW-7	84	95	65	80	72	47
480-201859-2	MW-1	82	96	63	77	77	49
480-201859-2 - RE	MW-1	90	100	70	83	85	49
480-201859-3	MW-2	66	70	48	58	60	37
480-201859-3 - RE	MW-2	99	101	69	83	74	50
480-201859-4	MW-3	98	102	68	84	80	52
480-201859-4 - RE	MW-3	111	106	75	85	80	54
LCS 480-642501/2-A	Lab Control Sample	84	90	66	79	95	55
LCS 480-643244/2-A	Lab Control Sample	103	94	68	82	96	56
MB 480-642501/1-A	Method Blank	60	84	57	71	97	45
MB 480-643244/1-A	Method Blank	82	104	72	88	106	51

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
TPHd14 = p-Terphenyl-d14
PHL = Phenol-d5

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-642530/8
Matrix: Water
Analysis Batch: 642530

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/23/22 12:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/23/22 12:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/23/22 12:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/23/22 12:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/23/22 12:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/23/22 12:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/23/22 12:17	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			09/23/22 12:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/23/22 12:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/23/22 12:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/23/22 12:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/23/22 12:17	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			09/23/22 12:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/23/22 12:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/23/22 12:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/23/22 12:17	1
2-Hexanone	ND		5.0	1.2	ug/L			09/23/22 12:17	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			09/23/22 12:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/23/22 12:17	1
Acetone	ND		10	3.0	ug/L			09/23/22 12:17	1
Benzene	ND		1.0	0.41	ug/L			09/23/22 12:17	1
Bromoform	ND		1.0	0.26	ug/L			09/23/22 12:17	1
Bromomethane	ND		1.0	0.69	ug/L			09/23/22 12:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/23/22 12:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/23/22 12:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/23/22 12:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/23/22 12:17	1
Chloroethane	ND		1.0	0.32	ug/L			09/23/22 12:17	1
Chloroform	ND		1.0	0.34	ug/L			09/23/22 12:17	1
Chloromethane	ND		1.0	0.35	ug/L			09/23/22 12:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/23/22 12:17	1
Cyclohexane	ND		1.0	0.18	ug/L			09/23/22 12:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/23/22 12:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/23/22 12:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/23/22 12:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/23/22 12:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/23/22 12:17	1
Methyl acetate	ND		2.5	1.3	ug/L			09/23/22 12:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/23/22 12:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/23/22 12:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/23/22 12:17	1
m,p-Xylene	ND		2.0	0.66	ug/L			09/23/22 12:17	1
Naphthalene	ND		1.0	0.43	ug/L			09/23/22 12:17	1
n-Butylbenzene	ND		1.0	0.64	ug/L			09/23/22 12:17	1
N-Propylbenzene	ND		1.0	0.69	ug/L			09/23/22 12:17	1
o-Xylene	ND		1.0	0.76	ug/L			09/23/22 12:17	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			09/23/22 12:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/23/22 12:17	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-642530/8
Matrix: Water
Analysis Batch: 642530

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.0	0.51	ug/L			09/23/22 12:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/23/22 12:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/23/22 12:17	1
Trichloroethene	ND		1.0	0.46	ug/L			09/23/22 12:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/23/22 12:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/23/22 12:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/23/22 12:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/23/22 12:17	1
Styrene	ND		1.0	0.73	ug/L			09/23/22 12:17	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			09/23/22 12:17	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*09/23/22 12:17*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*09/23/22 12:17*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*09/23/22 12:17*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*09/23/22 12:17*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*09/23/22 12:17*	*1*

Lab Sample ID: LCS 480-642530/6
Matrix: Water
Analysis Batch: 642530

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	26.0		ug/L		104	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.6		ug/L		94	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.3		ug/L		109	61 - 148
1,1,2-Trichloroethane	25.0	23.7		ug/L		95	76 - 122
1,1-Dichloroethane	25.0	25.9		ug/L		104	77 - 120
1,1-Dichloroethene	25.0	25.9		ug/L		104	66 - 127
1,2,4-Trichlorobenzene	25.0	26.5		ug/L		106	79 - 122
1,2,4-Trimethylbenzene	25.0	26.2		ug/L		105	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	23.8		ug/L		95	56 - 134
1,2-Dichlorobenzene	25.0	26.0		ug/L		104	80 - 124
1,2-Dichloroethane	25.0	25.5		ug/L		102	75 - 120
1,2-Dichloropropane	25.0	25.1		ug/L		100	76 - 120
1,3,5-Trimethylbenzene	25.0	26.8		ug/L		107	77 - 121
1,3-Dichlorobenzene	25.0	25.0		ug/L		100	77 - 120
1,4-Dichlorobenzene	25.0	25.2		ug/L		101	80 - 120
2-Butanone (MEK)	125	127		ug/L		102	57 - 140
2-Hexanone	125	116		ug/L		93	65 - 127
4-Isopropyltoluene	25.0	26.9		ug/L		108	73 - 120
4-Methyl-2-pentanone (MIBK)	125	116		ug/L		93	71 - 125
Acetone	125	131		ug/L		104	56 - 142
Benzene	25.0	25.1		ug/L		100	71 - 124
Bromoform	25.0	26.5		ug/L		106	61 - 132

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-642530/6
Matrix: Water
Analysis Batch: 642530

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	25.0	27.2		ug/L		109	55 - 144
Carbon disulfide	25.0	25.9		ug/L		104	59 - 134
Carbon tetrachloride	25.0	27.4		ug/L		110	72 - 134
Chlorobenzene	25.0	23.2		ug/L		93	80 - 120
Dibromochloromethane	25.0	26.3		ug/L		105	75 - 125
Chloroethane	25.0	26.4		ug/L		105	69 - 136
Chloroform	25.0	24.4		ug/L		97	73 - 127
Chloromethane	25.0	25.4		ug/L		102	68 - 124
cis-1,2-Dichloroethene	25.0	25.3		ug/L		101	74 - 124
Cyclohexane	25.0	26.0		ug/L		104	59 - 135
Bromodichloromethane	25.0	26.1		ug/L		104	80 - 122
Dichlorodifluoromethane	25.0	30.5		ug/L		122	59 - 135
Ethylbenzene	25.0	23.8		ug/L		95	77 - 123
1,2-Dibromoethane	25.0	24.9		ug/L		100	77 - 120
Isopropylbenzene	25.0	26.4		ug/L		106	77 - 122
Methyl acetate	50.0	48.6		ug/L		97	74 - 133
Methyl tert-butyl ether	25.0	25.3		ug/L		101	77 - 120
Methylcyclohexane	25.0	27.3		ug/L		109	68 - 134
Methylene Chloride	25.0	26.3		ug/L		105	75 - 124
m,p-Xylene	25.0	25.3		ug/L		101	76 - 122
Naphthalene	25.0	25.7		ug/L		103	66 - 125
n-Butylbenzene	25.0	24.9		ug/L		100	71 - 128
N-Propylbenzene	25.0	25.1		ug/L		101	75 - 127
o-Xylene	25.0	25.1		ug/L		101	76 - 122
sec-Butylbenzene	25.0	26.7		ug/L		107	74 - 127
Tetrachloroethene	25.0	24.9		ug/L		100	74 - 122
Toluene	25.0	22.7		ug/L		91	80 - 122
trans-1,2-Dichloroethene	25.0	25.6		ug/L		102	73 - 127
trans-1,3-Dichloropropene	25.0	24.4		ug/L		98	80 - 120
Trichloroethene	25.0	25.9		ug/L		104	74 - 123
Trichlorofluoromethane	25.0	30.1		ug/L		120	62 - 150
Vinyl chloride	25.0	27.4		ug/L		110	65 - 133
cis-1,3-Dichloropropene	25.0	27.2		ug/L		109	74 - 124
Styrene	25.0	25.6		ug/L		102	80 - 120
tert-Butylbenzene	25.0	26.7		ug/L		107	75 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Toluene-d8 (Surr)	*90*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*75 - 123*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-642501/1-A
Matrix: Water
Analysis Batch: 642718

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 642501

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/23/22 08:26	09/26/22 16:10	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/23/22 08:26	09/26/22 16:10	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/23/22 08:26	09/26/22 16:10	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/23/22 08:26	09/26/22 16:10	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/23/22 08:26	09/26/22 16:10	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/23/22 08:26	09/26/22 16:10	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/23/22 08:26	09/26/22 16:10	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/23/22 08:26	09/26/22 16:10	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/23/22 08:26	09/26/22 16:10	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/23/22 08:26	09/26/22 16:10	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/23/22 08:26	09/26/22 16:10	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/23/22 08:26	09/26/22 16:10	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/23/22 08:26	09/26/22 16:10	1
2-Nitroaniline	ND		10	0.42	ug/L		09/23/22 08:26	09/26/22 16:10	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/23/22 08:26	09/26/22 16:10	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/23/22 08:26	09/26/22 16:10	1
3-Nitroaniline	ND		10	0.48	ug/L		09/23/22 08:26	09/26/22 16:10	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/23/22 08:26	09/26/22 16:10	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/23/22 08:26	09/26/22 16:10	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/23/22 08:26	09/26/22 16:10	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/23/22 08:26	09/26/22 16:10	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/23/22 08:26	09/26/22 16:10	1
4-Methylphenol	ND		10	0.36	ug/L		09/23/22 08:26	09/26/22 16:10	1
4-Nitroaniline	ND		10	0.25	ug/L		09/23/22 08:26	09/26/22 16:10	1
4-Nitrophenol	ND		10	1.5	ug/L		09/23/22 08:26	09/26/22 16:10	1
Acenaphthene	ND		5.0	0.41	ug/L		09/23/22 08:26	09/26/22 16:10	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/23/22 08:26	09/26/22 16:10	1
Acetophenone	ND		5.0	0.54	ug/L		09/23/22 08:26	09/26/22 16:10	1
Anthracene	ND		5.0	0.28	ug/L		09/23/22 08:26	09/26/22 16:10	1
Atrazine	ND		5.0	0.46	ug/L		09/23/22 08:26	09/26/22 16:10	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/23/22 08:26	09/26/22 16:10	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/23/22 08:26	09/26/22 16:10	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/23/22 08:26	09/26/22 16:10	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/23/22 08:26	09/26/22 16:10	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/23/22 08:26	09/26/22 16:10	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/23/22 08:26	09/26/22 16:10	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/23/22 08:26	09/26/22 16:10	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/23/22 08:26	09/26/22 16:10	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/23/22 08:26	09/26/22 16:10	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/23/22 08:26	09/26/22 16:10	1
Caprolactam	ND		5.0	2.2	ug/L		09/23/22 08:26	09/26/22 16:10	1
Carbazole	ND		5.0	0.30	ug/L		09/23/22 08:26	09/26/22 16:10	1
Chrysene	ND		5.0	0.33	ug/L		09/23/22 08:26	09/26/22 16:10	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/23/22 08:26	09/26/22 16:10	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/23/22 08:26	09/26/22 16:10	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/23/22 08:26	09/26/22 16:10	1
Dibenzofuran	ND		10	0.51	ug/L		09/23/22 08:26	09/26/22 16:10	1
Diethyl phthalate	10.7		5.0	0.22	ug/L		09/23/22 08:26	09/26/22 16:10	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-642501/1-A
Matrix: Water
Analysis Batch: 642718

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 642501

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/23/22 08:26	09/26/22 16:10	1
Fluoranthene	ND		5.0	0.40	ug/L		09/23/22 08:26	09/26/22 16:10	1
Fluorene	ND		5.0	0.36	ug/L		09/23/22 08:26	09/26/22 16:10	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/23/22 08:26	09/26/22 16:10	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/23/22 08:26	09/26/22 16:10	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/23/22 08:26	09/26/22 16:10	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/23/22 08:26	09/26/22 16:10	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/23/22 08:26	09/26/22 16:10	1
Isophorone	ND		5.0	0.43	ug/L		09/23/22 08:26	09/26/22 16:10	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/23/22 08:26	09/26/22 16:10	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/23/22 08:26	09/26/22 16:10	1
Naphthalene	ND		5.0	0.76	ug/L		09/23/22 08:26	09/26/22 16:10	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/23/22 08:26	09/26/22 16:10	1
Pentachlorophenol	ND		10	2.2	ug/L		09/23/22 08:26	09/26/22 16:10	1
Phenanthrene	ND		5.0	0.44	ug/L		09/23/22 08:26	09/26/22 16:10	1
Phenol	ND		5.0	0.39	ug/L		09/23/22 08:26	09/26/22 16:10	1
Pyrene	ND		5.0	0.34	ug/L		09/23/22 08:26	09/26/22 16:10	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*2.36*	*T J*	*ug/L*		*2.54*		*09/23/22 08:26*	*09/26/22 16:10*	*1*
Unknown	*368*	*T J*	*ug/L*		*2.68*		*09/23/22 08:26*	*09/26/22 16:10*	*1*
Unknown	*1.81*	*T J*	*ug/L*		*3.90*		*09/23/22 08:26*	*09/26/22 16:10*	*1*
Unknown	*9.88*	*T J*	*ug/L*		*4.74*		*09/23/22 08:26*	*09/26/22 16:10*	*1*
Unknown	*2.24*	*T J*	*ug/L*		*6.80*		*09/23/22 08:26*	*09/26/22 16:10*	*1*
Docosane	*3.29*	*T J N*	*ug/L*		*11.84*	*629-97-0*	*09/23/22 08:26*	*09/26/22 16:10*	*1*
Heneicosane	*4.37*	*T J N*	*ug/L*		*12.23*	*629-94-7*	*09/23/22 08:26*	*09/26/22 16:10*	*1*
Dodecane, 2-methyl-6-propyl-	*5.71*	*T J N*	*ug/L*		*12.64*	*55045-08-4*	*09/23/22 08:26*	*09/26/22 16:10*	*1*
Heptadecane, 2,6,10,15-tetramethyl-	*5.41*	*T J N*	*ug/L*		*13.08*	*54833-48-6*	*09/23/22 08:26*	*09/26/22 16:10*	*1*
Hexatriacontane	*4.04*	*T J N*	*ug/L*		*13.55*	*630-06-8*	*09/23/22 08:26*	*09/26/22 16:10*	*1*
Eicosane	*2.66*	*T J N*	*ug/L*		*14.05*	*112-95-8*	*09/23/22 08:26*	*09/26/22 16:10*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*60*		*41 - 120*	*09/23/22 08:26*	*09/26/22 16:10*	*1*
2-Fluorobiphenyl	*84*		*48 - 120*	*09/23/22 08:26*	*09/26/22 16:10*	*1*
2-Fluorophenol	*57*		*35 - 120*	*09/23/22 08:26*	*09/26/22 16:10*	*1*
Nitrobenzene-d5	*71*		*46 - 120*	*09/23/22 08:26*	*09/26/22 16:10*	*1*
p-Terphenyl-d14	*97*		*60 - 148*	*09/23/22 08:26*	*09/26/22 16:10*	*1*
Phenol-d5	*45*		*22 - 120*	*09/23/22 08:26*	*09/26/22 16:10*	*1*

Lab Sample ID: LCS 480-642501/2-A
Matrix: Water
Analysis Batch: 642718

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 642501

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	32.0	28.5		ug/L		89	59 - 120
bis (2-chloroisopropyl) ether	32.0	36.4		ug/L		114	21 - 136
2,4,5-Trichlorophenol	32.0	29.7		ug/L		93	65 - 126
2,4,6-Trichlorophenol	32.0	28.5		ug/L		89	64 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-642501/2-A
Matrix: Water
Analysis Batch: 642718

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 642501

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dichlorophenol	32.0	28.3		ug/L		88	63 - 120
2,4-Dimethylphenol	32.0	28.5		ug/L		89	47 - 120
2,4-Dinitrophenol	64.0	55.2		ug/L		86	31 - 137
2,4-Dinitrotoluene	32.0	30.3		ug/L		95	69 - 120
2,6-Dinitrotoluene	32.0	28.5		ug/L		89	68 - 120
2-Chloronaphthalene	32.0	27.2		ug/L		85	58 - 120
2-Chlorophenol	32.0	27.4		ug/L		86	48 - 120
2-Methylnaphthalene	32.0	24.8		ug/L		77	59 - 120
2-Methylphenol	32.0	29.0		ug/L		91	39 - 120
2-Nitroaniline	32.0	31.8		ug/L		99	54 - 127
2-Nitrophenol	32.0	28.0		ug/L		87	52 - 125
3,3'-Dichlorobenzidine	64.0	56.7		ug/L		89	49 - 135
3-Nitroaniline	32.0	24.7		ug/L		77	51 - 120
4,6-Dinitro-2-methylphenol	64.0	63.0		ug/L		98	46 - 136
4-Bromophenyl phenyl ether	32.0	29.8		ug/L		93	65 - 120
4-Chloro-3-methylphenol	32.0	28.1		ug/L		88	61 - 123
4-Chloroaniline	32.0	20.2		ug/L		63	30 - 120
4-Chlorophenyl phenyl ether	32.0	27.8		ug/L		87	62 - 120
4-Methylphenol	32.0	28.0		ug/L		88	29 - 131
4-Nitroaniline	32.0	33.7		ug/L		105	65 - 120
4-Nitrophenol	64.0	43.3		ug/L		68	45 - 120
Acenaphthene	32.0	29.6		ug/L		92	60 - 120
Acenaphthylene	32.0	31.0		ug/L		97	63 - 120
Acetophenone	32.0	28.6		ug/L		90	45 - 120
Anthracene	32.0	33.7		ug/L		105	67 - 120
Atrazine	64.0	62.5		ug/L		98	71 - 130
Benzaldehyde	64.0	57.9		ug/L		91	10 - 140
Benzo(a)anthracene	32.0	29.7		ug/L		93	70 - 121
Benzo(a)pyrene	32.0	30.5		ug/L		95	60 - 123
Benzo(b)fluoranthene	32.0	30.9		ug/L		96	66 - 126
Benzo(g,h,i)perylene	32.0	30.5		ug/L		95	66 - 150
Benzo(k)fluoranthene	32.0	30.8		ug/L		96	65 - 124
Bis(2-chloroethoxy)methane	32.0	29.6		ug/L		93	50 - 128
Bis(2-chloroethyl)ether	32.0	28.4		ug/L		89	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	31.9		ug/L		100	63 - 139
Butyl benzyl phthalate	32.0	33.6		ug/L		105	70 - 129
Caprolactam	64.0	23.7		ug/L		37	22 - 120
Carbazole	32.0	49.6	*+	ug/L		155	66 - 123
Chrysene	32.0	30.3		ug/L		95	69 - 120
Di-n-butyl phthalate	32.0	34.2		ug/L		107	69 - 131
Di-n-octyl phthalate	32.0	30.8		ug/L		96	63 - 140
Dibenz(a,h)anthracene	32.0	31.4		ug/L		98	65 - 135
Dibenzofuran	32.0	29.4		ug/L		92	66 - 120
Diethyl phthalate	32.0	37.6		ug/L		117	59 - 127
Dimethyl phthalate	32.0	30.1		ug/L		94	68 - 120
Fluoranthene	32.0	33.0		ug/L		103	69 - 126
Fluorene	32.0	30.7		ug/L		96	66 - 120
Hexachlorobenzene	32.0	27.9		ug/L		87	61 - 120
Hexachlorobutadiene	32.0	18.5		ug/L		58	35 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-642501/2-A
Matrix: Water
Analysis Batch: 642718

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 642501

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachlorocyclopentadiene	32.0	15.1		ug/L		47	31 - 120
Hexachloroethane	32.0	22.5		ug/L		70	43 - 120
Indeno(1,2,3-cd)pyrene	32.0	31.5		ug/L		98	69 - 146
Isophorone	32.0	30.4		ug/L		95	55 - 120
N-Nitrosodi-n-propylamine	32.0	31.0		ug/L		97	32 - 140
Naphthalene	32.0	27.4		ug/L		86	57 - 120
Nitrobenzene	32.0	28.4		ug/L		89	53 - 123
Pentachlorophenol	64.0	56.0		ug/L		88	29 - 136
Phenanthrene	32.0	31.0		ug/L		97	68 - 120
Phenol	32.0	19.3		ug/L		60	17 - 120
Pyrene	32.0	32.3		ug/L		101	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*84*		*41 - 120*
2-Fluorobiphenyl	*90*		*48 - 120*
2-Fluorophenol	*66*		*35 - 120*
Nitrobenzene-d5	*79*		*46 - 120*
p-Terphenyl-d14	*95*		*60 - 148*
Phenol-d5	*55*		*22 - 120*

Lab Sample ID: MB 480-643244/1-A
Matrix: Water
Analysis Batch: 643463

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 643244

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		5.0	0.65	ug/L		09/29/22 08:41	09/30/22 12:20	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		09/29/22 08:41	09/30/22 12:20	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		09/29/22 08:41	09/30/22 12:20	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		09/29/22 08:41	09/30/22 12:20	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		09/29/22 08:41	09/30/22 12:20	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		09/29/22 08:41	09/30/22 12:20	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		09/29/22 08:41	09/30/22 12:20	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		09/29/22 08:41	09/30/22 12:20	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		09/29/22 08:41	09/30/22 12:20	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		09/29/22 08:41	09/30/22 12:20	1
2-Chlorophenol	ND		5.0	0.53	ug/L		09/29/22 08:41	09/30/22 12:20	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		09/29/22 08:41	09/30/22 12:20	1
2-Methylphenol	ND		5.0	0.40	ug/L		09/29/22 08:41	09/30/22 12:20	1
2-Nitroaniline	ND		10	0.42	ug/L		09/29/22 08:41	09/30/22 12:20	1
2-Nitrophenol	ND		5.0	0.48	ug/L		09/29/22 08:41	09/30/22 12:20	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		09/29/22 08:41	09/30/22 12:20	1
3-Nitroaniline	ND		10	0.48	ug/L		09/29/22 08:41	09/30/22 12:20	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		09/29/22 08:41	09/30/22 12:20	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		09/29/22 08:41	09/30/22 12:20	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		09/29/22 08:41	09/30/22 12:20	1
4-Chloroaniline	ND		5.0	0.59	ug/L		09/29/22 08:41	09/30/22 12:20	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		09/29/22 08:41	09/30/22 12:20	1
4-Methylphenol	ND		10	0.36	ug/L		09/29/22 08:41	09/30/22 12:20	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-643244/1-A
Matrix: Water
Analysis Batch: 643463

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 643244

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	ND		10	0.25	ug/L		09/29/22 08:41	09/30/22 12:20	1
4-Nitrophenol	ND		10	1.5	ug/L		09/29/22 08:41	09/30/22 12:20	1
Acenaphthene	ND		5.0	0.41	ug/L		09/29/22 08:41	09/30/22 12:20	1
Acenaphthylene	ND		5.0	0.38	ug/L		09/29/22 08:41	09/30/22 12:20	1
Acetophenone	ND		5.0	0.54	ug/L		09/29/22 08:41	09/30/22 12:20	1
Anthracene	ND		5.0	0.28	ug/L		09/29/22 08:41	09/30/22 12:20	1
Atrazine	ND		5.0	0.46	ug/L		09/29/22 08:41	09/30/22 12:20	1
Benzaldehyde	ND		5.0	0.27	ug/L		09/29/22 08:41	09/30/22 12:20	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		09/29/22 08:41	09/30/22 12:20	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		09/29/22 08:41	09/30/22 12:20	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		09/29/22 08:41	09/30/22 12:20	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		09/29/22 08:41	09/30/22 12:20	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		09/29/22 08:41	09/30/22 12:20	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		09/29/22 08:41	09/30/22 12:20	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		09/29/22 08:41	09/30/22 12:20	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		09/29/22 08:41	09/30/22 12:20	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		09/29/22 08:41	09/30/22 12:20	1
Caprolactam	ND		5.0	2.2	ug/L		09/29/22 08:41	09/30/22 12:20	1
Carbazole	ND		5.0	0.30	ug/L		09/29/22 08:41	09/30/22 12:20	1
Chrysene	ND		5.0	0.33	ug/L		09/29/22 08:41	09/30/22 12:20	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		09/29/22 08:41	09/30/22 12:20	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		09/29/22 08:41	09/30/22 12:20	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		09/29/22 08:41	09/30/22 12:20	1
Dibenzofuran	ND		10	0.51	ug/L		09/29/22 08:41	09/30/22 12:20	1
Diethyl phthalate	23.9		5.0	0.22	ug/L		09/29/22 08:41	09/30/22 12:20	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		09/29/22 08:41	09/30/22 12:20	1
Fluoranthene	ND		5.0	0.40	ug/L		09/29/22 08:41	09/30/22 12:20	1
Fluorene	ND		5.0	0.36	ug/L		09/29/22 08:41	09/30/22 12:20	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		09/29/22 08:41	09/30/22 12:20	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		09/29/22 08:41	09/30/22 12:20	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		09/29/22 08:41	09/30/22 12:20	1
Hexachloroethane	ND		5.0	0.59	ug/L		09/29/22 08:41	09/30/22 12:20	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		09/29/22 08:41	09/30/22 12:20	1
Isophorone	ND		5.0	0.43	ug/L		09/29/22 08:41	09/30/22 12:20	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		09/29/22 08:41	09/30/22 12:20	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		09/29/22 08:41	09/30/22 12:20	1
Naphthalene	ND		5.0	0.76	ug/L		09/29/22 08:41	09/30/22 12:20	1
Nitrobenzene	ND		5.0	0.29	ug/L		09/29/22 08:41	09/30/22 12:20	1
Pentachlorophenol	ND		10	2.2	ug/L		09/29/22 08:41	09/30/22 12:20	1
Phenanthrene	ND		5.0	0.44	ug/L		09/29/22 08:41	09/30/22 12:20	1
Phenol	ND		5.0	0.39	ug/L		09/29/22 08:41	09/30/22 12:20	1
Pyrene	ND		5.0	0.34	ug/L		09/29/22 08:41	09/30/22 12:20	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*5.13*	*T J*	*ug/L*		*3.03*		*09/29/22 08:41*	*09/30/22 12:20*	*1*
Unknown	*299*	*T J*	*ug/L*		*3.46*		*09/29/22 08:41*	*09/30/22 12:20*	*1*
Unknown	*3.07*	*T J*	*ug/L*		*4.49*		*09/29/22 08:41*	*09/30/22 12:20*	*1*
Unknown	*24.2*	*T J*	*ug/L*		*5.24*		*09/29/22 08:41*	*09/30/22 12:20*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-643244/1-A
Matrix: Water
Analysis Batch: 643463

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 643244

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	2.59	T J	ug/L		10.55		09/29/22 08:41	09/30/22 12:20	1
Tetracosane	3.36	T J N	ug/L		12.53	646-31-1	09/29/22 08:41	09/30/22 12:20	1
10-Methylnonadecane	4.88	T J N	ug/L		12.97	56862-62-5	09/29/22 08:41	09/30/22 12:20	1
Docosane	6.06	T J N	ug/L		13.44	629-97-0	09/29/22 08:41	09/30/22 12:20	1
Heptacosane	5.88	T J N	ug/L		13.94	593-49-7	09/29/22 08:41	09/30/22 12:20	1
Heneicosane	4.84	T J N	ug/L		14.46	629-94-7	09/29/22 08:41	09/30/22 12:20	1
Hexadecane, 2,6,10,14-tetramethyl-	2.62	T J N	ug/L		15.01	638-36-8	09/29/22 08:41	09/30/22 12:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	82		41 - 120	09/29/22 08:41	09/30/22 12:20	1
2-Fluorobiphenyl	104		48 - 120	09/29/22 08:41	09/30/22 12:20	1
2-Fluorophenol	72		35 - 120	09/29/22 08:41	09/30/22 12:20	1
Nitrobenzene-d5	88		46 - 120	09/29/22 08:41	09/30/22 12:20	1
p-Terphenyl-d14	106		60 - 148	09/29/22 08:41	09/30/22 12:20	1
Phenol-d5	51		22 - 120	09/29/22 08:41	09/30/22 12:20	1

Lab Sample ID: LCS 480-643244/2-A
Matrix: Water
Analysis Batch: 643463

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 643244

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	32.0	28.2		ug/L		88	59 - 120
bis (2-chloroisopropyl) ether	32.0	29.2		ug/L		91	21 - 136
2,4,5-Trichlorophenol	32.0	31.4		ug/L		98	65 - 126
2,4,6-Trichlorophenol	32.0	29.2		ug/L		91	64 - 120
2,4-Dichlorophenol	32.0	30.2		ug/L		94	63 - 120
2,4-Dimethylphenol	32.0	31.7		ug/L		99	47 - 120
2,4-Dinitrophenol	64.0	64.0		ug/L		100	31 - 137
2,4-Dinitrotoluene	32.0	33.4		ug/L		104	69 - 120
2,6-Dinitrotoluene	32.0	31.5		ug/L		99	68 - 120
2-Chloronaphthalene	32.0	27.9		ug/L		87	58 - 120
2-Chlorophenol	32.0	26.8		ug/L		84	48 - 120
2-Methylnaphthalene	32.0	25.5		ug/L		80	59 - 120
2-Methylphenol	32.0	28.6		ug/L		89	39 - 120
2-Nitroaniline	32.0	32.2		ug/L		101	54 - 127
2-Nitrophenol	32.0	32.5		ug/L		102	52 - 125
3,3'-Dichlorobenzidine	64.0	57.1		ug/L		89	49 - 135
3-Nitroaniline	32.0	26.9		ug/L		84	51 - 120
4,6-Dinitro-2-methylphenol	64.0	69.5		ug/L		109	46 - 136
4-Bromophenyl phenyl ether	32.0	31.1		ug/L		97	65 - 120
4-Chloro-3-methylphenol	32.0	30.3		ug/L		95	61 - 123
4-Chloroaniline	32.0	20.9		ug/L		65	30 - 120
4-Chlorophenyl phenyl ether	32.0	28.4		ug/L		89	62 - 120
4-Methylphenol	32.0	28.9		ug/L		90	29 - 131
4-Nitroaniline	32.0	30.8		ug/L		96	65 - 120
4-Nitrophenol	64.0	46.9		ug/L		73	45 - 120
Acenaphthene	32.0	28.8		ug/L		90	60 - 120
Acenaphthylene	32.0	29.5		ug/L		92	63 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-643244/2-A
Matrix: Water
Analysis Batch: 643463

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 643244

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetophenone	32.0	31.7		ug/L		99	45 - 120
Anthracene	32.0	31.6		ug/L		99	67 - 120
Atrazine	64.0	66.5		ug/L		104	71 - 130
Benzaldehyde	64.0	58.7		ug/L		92	10 - 140
Benzo(a)anthracene	32.0	30.1		ug/L		94	70 - 121
Benzo(a)pyrene	32.0	31.3		ug/L		98	60 - 123
Benzo(b)fluoranthene	32.0	31.6		ug/L		99	66 - 126
Benzo(g,h,i)perylene	32.0	30.6		ug/L		96	66 - 150
Benzo(k)fluoranthene	32.0	31.2		ug/L		97	65 - 124
Bis(2-chloroethoxy)methane	32.0	31.1		ug/L		97	50 - 128
Bis(2-chloroethyl)ether	32.0	34.2		ug/L		107	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	30.4		ug/L		95	63 - 139
Butyl benzyl phthalate	32.0	30.7		ug/L		96	70 - 129
Caprolactam	64.0	23.6		ug/L		37	22 - 120
Carbazole	32.0	33.7		ug/L		105	66 - 123
Chrysene	32.0	30.1		ug/L		94	69 - 120
Di-n-butyl phthalate	32.0	32.1		ug/L		100	69 - 131
Di-n-octyl phthalate	32.0	29.5		ug/L		92	63 - 140
Dibenz(a,h)anthracene	32.0	31.1		ug/L		97	65 - 135
Dibenzofuran	32.0	29.5		ug/L		92	66 - 120
Diethyl phthalate	32.0	31.2		ug/L		97	59 - 127
Dimethyl phthalate	32.0	31.5		ug/L		98	68 - 120
Fluoranthene	32.0	32.6		ug/L		102	69 - 126
Fluorene	32.0	29.3		ug/L		92	66 - 120
Hexachlorobenzene	32.0	30.9		ug/L		97	61 - 120
Hexachlorobutadiene	32.0	20.8		ug/L		65	35 - 120
Hexachlorocyclopentadiene	32.0	21.0		ug/L		66	31 - 120
Hexachloroethane	32.0	20.3		ug/L		63	43 - 120
Indeno(1,2,3-cd)pyrene	32.0	31.1		ug/L		97	69 - 146
Isophorone	32.0	33.2		ug/L		104	55 - 120
N-Nitrosodi-n-propylamine	32.0	33.6		ug/L		105	32 - 140
Naphthalene	32.0	26.9		ug/L		84	57 - 120
Nitrobenzene	32.0	31.0		ug/L		97	53 - 123
Pentachlorophenol	64.0	58.4		ug/L		91	29 - 136
Phenanthrene	32.0	31.2		ug/L		98	68 - 120
Phenol	32.0	18.6		ug/L		58	17 - 120
Pyrene	32.0	30.3		ug/L		95	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*103*		*41 - 120*
2-Fluorobiphenyl	*94*		*48 - 120*
2-Fluorophenol	*68*		*35 - 120*
Nitrobenzene-d5	*82*		*46 - 120*
p-Terphenyl-d14	*96*		*60 - 148*
Phenol-d5	*56*		*22 - 120*

QC Association Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201859-1

GC/MS VOA

Analysis Batch: 642530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201859-1	MW-7	Total/NA	Water	8260C	
480-201859-2	MW-1	Total/NA	Water	8260C	
480-201859-3	MW-2	Total/NA	Water	8260C	
480-201859-4	MW-3	Total/NA	Water	8260C	
MB 480-642530/8	Method Blank	Total/NA	Water	8260C	
LCS 480-642530/6	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 642501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201859-1	MW-7	Total/NA	Water	3510C	
480-201859-2	MW-1	Total/NA	Water	3510C	
480-201859-3	MW-2	Total/NA	Water	3510C	
480-201859-4	MW-3	Total/NA	Water	3510C	
MB 480-642501/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-642501/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 642718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201859-1	MW-7	Total/NA	Water	8270D	642501
480-201859-2	MW-1	Total/NA	Water	8270D	642501
480-201859-3	MW-2	Total/NA	Water	8270D	642501
MB 480-642501/1-A	Method Blank	Total/NA	Water	8270D	642501
LCS 480-642501/2-A	Lab Control Sample	Total/NA	Water	8270D	642501

Analysis Batch: 642892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201859-4	MW-3	Total/NA	Water	8270D	642501

Prep Batch: 643244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201859-1 - RE	MW-7	Total/NA	Water	3510C	
480-201859-2 - RE	MW-1	Total/NA	Water	3510C	
480-201859-3 - RE	MW-2	Total/NA	Water	3510C	
480-201859-4 - RE	MW-3	Total/NA	Water	3510C	
MB 480-643244/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-643244/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 643463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201859-1 - RE	MW-7	Total/NA	Water	8270D	643244
480-201859-2 - RE	MW-1	Total/NA	Water	8270D	643244
480-201859-3 - RE	MW-2	Total/NA	Water	8270D	643244
480-201859-4 - RE	MW-3	Total/NA	Water	8270D	643244
MB 480-643244/1-A	Method Blank	Total/NA	Water	8270D	643244
LCS 480-643244/2-A	Lab Control Sample	Total/NA	Water	8270D	643244

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201859-1

Client Sample ID: MW-7

Lab Sample ID: 480-201859-1

Date Collected: 09/21/22 09:30

Matrix: Water

Date Received: 09/22/22 14:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	642530	CR	EET BUF	09/23/22 16:14
Total/NA	Prep	3510C			642501	MS	EET BUF	09/23/22 08:26
Total/NA	Analysis	8270D		1	642718	JMM	EET BUF	09/26/22 23:56
Total/NA	Prep	3510C	RE		643244	MS	EET BUF	09/29/22 08:41
Total/NA	Analysis	8270D	RE	1	643463	JMM	EET BUF	09/30/22 19:37

Client Sample ID: MW-1

Lab Sample ID: 480-201859-2

Date Collected: 09/21/22 12:30

Matrix: Water

Date Received: 09/22/22 14:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	642530	CR	EET BUF	09/23/22 16:36
Total/NA	Prep	3510C			642501	MS	EET BUF	09/23/22 08:26
Total/NA	Analysis	8270D		1	642718	JMM	EET BUF	09/27/22 00:23
Total/NA	Prep	3510C	RE		643244	MS	EET BUF	09/29/22 08:41
Total/NA	Analysis	8270D	RE	1	643463	JMM	EET BUF	09/30/22 20:04

Client Sample ID: MW-2

Lab Sample ID: 480-201859-3

Date Collected: 09/21/22 13:15

Matrix: Water

Date Received: 09/22/22 14:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	642530	CR	EET BUF	09/23/22 17:00
Total/NA	Prep	3510C			642501	MS	EET BUF	09/23/22 08:26
Total/NA	Analysis	8270D		1	642718	JMM	EET BUF	09/27/22 00:50
Total/NA	Prep	3510C	RE		643244	MS	EET BUF	09/29/22 08:41
Total/NA	Analysis	8270D	RE	1	643463	JMM	EET BUF	09/30/22 20:32

Client Sample ID: MW-3

Lab Sample ID: 480-201859-4

Date Collected: 09/21/22 14:15

Matrix: Water

Date Received: 09/22/22 14:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	642530	CR	EET BUF	09/23/22 17:23
Total/NA	Prep	3510C			642501	MS	EET BUF	09/23/22 08:26
Total/NA	Analysis	8270D		1	642892	JMM	EET BUF	09/27/22 13:16
Total/NA	Prep	3510C	RE		643244	MS	EET BUF	09/29/22 08:41
Total/NA	Analysis	8270D	RE	1	643463	JMM	EET BUF	09/30/22 20:59

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201859-1

Laboratory: Eurofins Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-23

Method Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201859-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201859-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-201859-1	MW-7	Water	09/21/22 09:30	09/22/22 14:55
480-201859-2	MW-1	Water	09/21/22 12:30	09/22/22 14:55
480-201859-3	MW-2	Water	09/21/22 13:15	09/22/22 14:55
480-201859-4	MW-3	Water	09/21/22 14:15	09/22/22 14:55

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Andy Janik	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-176963-37964.2
Client Contact: Adam Zebrowski	Phone: 716-345-6709	E-Mail: Brian.Fischer@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: LaBella Associates DPC	PWSID:			Job #:
Address: 300 Pearl Street Suite 130	Due Date Requested:			
City: Buffalo	TAT Requested (days):			
State, Zip: NY, 14202	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: azebrowski@labellapc.com	WO #:			
Project Name: 145 Ganson Street	Project #: 48025563			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	PFC_IDA - NY 21 PFAS	8082A - TCL PCBs - OLM04.2	8081B - TCL Pesticides - OLM04.2	8270D - (MOD) TCL SVOA - OLM04.2	6010C, 7470A	8260C - (MOD) TCL list OLM04.2	8151A - (MOD) Local Method	8270D_SIM_MS_ID - SIM List	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	D	A	N	N		
MW-7	9/21/22	0930	G	Water						X		X				
MW-1	9/21/22	1230	G	Water						X		X				
MW-2	9/21/22	1315	G	Water						X		X				
MW-3	9/21/22	1415	G	Water						X		X				

480-201859 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assesses.
☐ Return To Client ☒ Disposal ... ger than 1 month)
Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Andy Janik	9/21/22 1455	LaBella			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 9/21/22 1855	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.6 #1 NO ICE

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-201859-1

Login Number: 201859

List Source: Eurofins Buffalo

List Number: 1

Creator: Stopa, Erik S

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	LABELLA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-201630-1
Client Project/Site: 145 Ganson Street

For:
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Attn: Adam Zebrowski

Authorized for release by:
9/19/2022 3:05:33 PM
Rebecca Jones, Project Management Assistant I
(716)504-9884
Rebecca.Jones@et.eurofinsus.com

Designee for

Brian Fischer, Manager of Project Management
(716)504-9835
Brian.Fischer@et.eurofinsus.com

LINKS

Review your project results through my EOL

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Detection Summary 5
Client Sample Results 13
QC Sample Results 45
QC Association Summary 58
Lab Chronicle 59
Certification Summary 60
Method Summary 61
Sample Summary 62
Canister QC Documents 63
Chain of Custody 65
Receipt Checklists 68
Clean Canister Certification 70
    Pre-Ship Certification 70
    Clean Canister Data 71
Air Canister Dilution 81

Definitions/Glossary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201630-1

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 480-201630-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-201630-1

Comments
No additional comments.

Receipt
The samples were received on 9/13/2022 10:35 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice.

Receipt Exceptions

During the canister pressure check performed upon receipt, it was observed that the following sample was received at an elevated residual vacuum level: SV-2 (480-201630-2). The associated flow controller was evaluated upon receipt and was found to be within the acceptable flow range as compared to the original set flow rate.

During the canister pressure check performed upon receipt, it was observed that the following samples were received at an elevated residual vacuum level: SV-4 (480-201630-4) and OA-1 (480-201630-5). The associated flow controller was evaluated upon receipt and was found to be outside the acceptable flow range as compared to the original set flow rate.

Air Toxics
Method TO-15: The continuing calibration verification (CCV) associated with batch 200-183619 recovered above the upper control limit for 1,2-Dichloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SV-1 (480-201630-1), SV-2 (480-201630-2), SV-3 (480-201630-3) and SV-4 (480-201630-4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201630-1

Client Sample ID: SV-1

Lab Sample ID: 480-201630-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.0	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	2.0		1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloromethane	1.5		1.0	0.25	ug/m3	1		TO-15	Total/NA
n-Butane	70		1.2	0.45	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	0.99	J	1.1	0.29	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.45	J	1.5	0.42	ug/m3	1		TO-15	Total/NA
Acetone	240	E	12	4.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	4.8	J	12	2.4	ug/m3	1		TO-15	Total/NA
Carbon disulfide	22		1.6	0.40	ug/m3	1		TO-15	Total/NA
Methylene Chloride	2.9		1.7	0.59	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	33		15	3.6	ug/m3	1		TO-15	Total/NA
n-Hexane	17		1.8	0.81	ug/m3	1		TO-15	Total/NA
1,1-Dichloroethane	5.2		0.81	0.12	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	11		1.5	0.50	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.37		0.20	0.13	ug/m3	1		TO-15	Total/NA
Chloroform	0.62	J	0.98	0.22	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	56		1.1	0.21	ug/m3	1		TO-15	Total/NA
Cyclohexane	14		0.69	0.12	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	1.7		0.93	0.16	ug/m3	1		TO-15	Total/NA
Benzene	12		0.64	0.24	ug/m3	1		TO-15	Total/NA
n-Heptane	17		0.82	0.24	ug/m3	1		TO-15	Total/NA
Trichloroethene	6.7		0.20	0.13	ug/m3	1		TO-15	Total/NA
Toluene	28		0.75	0.35	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	11		1.4	0.18	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	2.2		2.0	0.82	ug/m3	1		TO-15	Total/NA
Ethylbenzene	2.4		0.87	0.43	ug/m3	1		TO-15	Total/NA
m,p-Xylene	3.7		2.2	0.74	ug/m3	1		TO-15	Total/NA
o-Xylene	1.0		0.87	0.41	ug/m3	1		TO-15	Total/NA
Styrene	0.31	J	0.85	0.14	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.26	J	0.98	0.22	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.79	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	0.24	J	1.1	0.21	ug/m3	1		TO-15	Total/NA
1,3-Dichlorobenzene	3.1		1.2	0.54	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane - DL	2.4	J	9.9	2.2	ug/m3	4		TO-15	Total/NA
Chlorodifluoromethane - DL	2.1	J	7.1	1.6	ug/m3	4		TO-15	Total/NA
Chloromethane - DL	1.6	J	4.1	0.99	ug/m3	4		TO-15	Total/NA
n-Butane - DL	60		4.8	1.8	ug/m3	4		TO-15	Total/NA
Acetone - DL	230		48	19	ug/m3	4		TO-15	Total/NA
Carbon disulfide - DL	22		6.2	1.6	ug/m3	4		TO-15	Total/NA
Methylene Chloride - DL	2.8	J	6.9	2.4	ug/m3	4		TO-15	Total/NA
tert-Butyl alcohol - DL	32	J	61	15	ug/m3	4		TO-15	Total/NA
n-Hexane - DL	16		7.0	3.2	ug/m3	4		TO-15	Total/NA
1,1-Dichloroethane - DL	5.1		3.2	0.47	ug/m3	4		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	9.8		5.9	2.0	ug/m3	4		TO-15	Total/NA
1,1,1-Trichloroethane - DL	54		4.4	0.85	ug/m3	4		TO-15	Total/NA
Cyclohexane - DL	13		2.8	0.48	ug/m3	4		TO-15	Total/NA
2,2,4-Trimethylpentane - DL	1.6	J	3.7	0.65	ug/m3	4		TO-15	Total/NA
Benzene - DL	12		2.6	0.95	ug/m3	4		TO-15	Total/NA
n-Heptane - DL	16		3.3	0.97	ug/m3	4		TO-15	Total/NA
Trichloroethene - DL	6.6		0.80	0.52	ug/m3	4		TO-15	Total/NA
Toluene - DL	26		3.0	1.4	ug/m3	4		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: SV-1 (Continued)

Lab Sample ID: 480-201630-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene - DL	10		5.4	0.73	ug/m3	4		TO-15	Total/NA
Ethylbenzene - DL	2.4	J	3.5	1.7	ug/m3	4		TO-15	Total/NA
m,p-Xylene - DL	3.5	J	8.7	3.0	ug/m3	4		TO-15	Total/NA
1,3-Dichlorobenzene - DL	3.1	J	4.8	2.1	ug/m3	4		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.40	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.56		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.74		0.50	0.12	ppb v/v	1		TO-15	Total/NA
n-Butane	30		0.50	0.19	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.18	J	0.20	0.052	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.058	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA
Acetone	100	E	5.0	2.0	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	2.0	J	5.0	0.98	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	7.1		0.50	0.13	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	0.83		0.50	0.17	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	11		5.0	1.2	ppb v/v	1		TO-15	Total/NA
n-Hexane	4.8		0.50	0.23	ppb v/v	1		TO-15	Total/NA
1,1-Dichloroethane	1.3		0.20	0.029	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3.8		0.50	0.17	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.093		0.050	0.033	ppb v/v	1		TO-15	Total/NA
Chloroform	0.13	J	0.20	0.046	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	10		0.20	0.039	ppb v/v	1		TO-15	Total/NA
Cyclohexane	4.0		0.20	0.035	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.36		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Benzene	3.8		0.20	0.074	ppb v/v	1		TO-15	Total/NA
n-Heptane	4.1		0.20	0.059	ppb v/v	1		TO-15	Total/NA
Trichloroethene	1.3		0.037	0.024	ppb v/v	1		TO-15	Total/NA
Toluene	7.4		0.20	0.093	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	1.7		0.20	0.027	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.54		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.55		0.20	0.10	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.86		0.50	0.17	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.24		0.20	0.094	ppb v/v	1		TO-15	Total/NA
Styrene	0.074	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.052	J	0.20	0.044	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.16	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	0.043	J	0.20	0.039	ppb v/v	1		TO-15	Total/NA
1,3-Dichlorobenzene	0.52		0.20	0.089	ppb v/v	1		TO-15	Total/NA
Dichlorodifluoromethane - DL	0.49	J	2.0	0.44	ppb v/v	4		TO-15	Total/NA
Chlorodifluoromethane - DL	0.61	J	2.0	0.44	ppb v/v	4		TO-15	Total/NA
Chloromethane - DL	0.76	J	2.0	0.48	ppb v/v	4		TO-15	Total/NA
n-Butane - DL	25		2.0	0.76	ppb v/v	4		TO-15	Total/NA
Acetone - DL	95		20	8.0	ppb v/v	4		TO-15	Total/NA
Carbon disulfide - DL	7.0		2.0	0.52	ppb v/v	4		TO-15	Total/NA
Methylene Chloride - DL	0.81	J	2.0	0.68	ppb v/v	4		TO-15	Total/NA
tert-Butyl alcohol - DL	11	J	20	4.8	ppb v/v	4		TO-15	Total/NA
n-Hexane - DL	4.4		2.0	0.92	ppb v/v	4		TO-15	Total/NA
1,1-Dichloroethane - DL	1.3		0.80	0.12	ppb v/v	4		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	3.3		2.0	0.68	ppb v/v	4		TO-15	Total/NA
1,1,1-Trichloroethane - DL	9.9		0.80	0.16	ppb v/v	4		TO-15	Total/NA
Cyclohexane - DL	3.8		0.80	0.14	ppb v/v	4		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201630-1

Client Sample ID: SV-1 (Continued)

Lab Sample ID: 480-201630-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,2,4-Trimethylpentane - DL	0.35	J	0.80	0.14	ppb v/v	4		TO-15	Total/NA
Benzene - DL	3.7		0.80	0.30	ppb v/v	4		TO-15	Total/NA
n-Heptane - DL	3.9		0.80	0.24	ppb v/v	4		TO-15	Total/NA
Trichloroethene - DL	1.2		0.15	0.096	ppb v/v	4		TO-15	Total/NA
Toluene - DL	7.0		0.80	0.37	ppb v/v	4		TO-15	Total/NA
Tetrachloroethene - DL	1.5		0.80	0.11	ppb v/v	4		TO-15	Total/NA
Ethylbenzene - DL	0.55	J	0.80	0.40	ppb v/v	4		TO-15	Total/NA
m,p-Xylene - DL	0.80	J	2.0	0.68	ppb v/v	4		TO-15	Total/NA
1,3-Dichlorobenzene - DL	0.52	J	0.80	0.36	ppb v/v	4		TO-15	Total/NA

Client Sample ID: SV-2

Lab Sample ID: 480-201630-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.3	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	1.4	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloromethane	0.49	J	1.0	0.25	ug/m3	1		TO-15	Total/NA
n-Butane	70		1.2	0.45	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.30	J	0.44	0.084	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.6		1.1	0.29	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.43	J	1.5	0.42	ug/m3	1		TO-15	Total/NA
Acetone	270	E	12	4.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	4.0	J	12	2.4	ug/m3	1		TO-15	Total/NA
Carbon disulfide	11		1.6	0.40	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	30		15	3.6	ug/m3	1		TO-15	Total/NA
n-Hexane	13		1.8	0.81	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	13		1.5	0.50	ug/m3	1		TO-15	Total/NA
Cyclohexane	7.9		0.69	0.12	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.21	J	0.22	0.20	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.50	J	0.93	0.16	ug/m3	1		TO-15	Total/NA
Benzene	5.0		0.64	0.24	ug/m3	1		TO-15	Total/NA
n-Heptane	5.3		0.82	0.24	ug/m3	1		TO-15	Total/NA
Trichloroethene	1.3		0.20	0.13	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.0	J	2.0	0.78	ug/m3	1		TO-15	Total/NA
Toluene	13		0.75	0.35	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	3.0		1.4	0.18	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	2.2		2.0	0.82	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.79	J	0.87	0.43	ug/m3	1		TO-15	Total/NA
m,p-Xylene	2.4		2.2	0.74	ug/m3	1		TO-15	Total/NA
o-Xylene	0.81	J	0.87	0.41	ug/m3	1		TO-15	Total/NA
Styrene	0.41	J	0.85	0.14	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.26	J	0.98	0.25	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.31	J	0.98	0.22	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.93	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	0.24	J	1.1	0.21	ug/m3	1		TO-15	Total/NA
1,3-Dichlorobenzene	1.9		1.2	0.54	ug/m3	1		TO-15	Total/NA
n-Butane - DL	61		5.9	2.3	ug/m3	5		TO-15	Total/NA
Acetone - DL	240		59	24	ug/m3	5		TO-15	Total/NA
Carbon disulfide - DL	11		7.8	2.0	ug/m3	5		TO-15	Total/NA
tert-Butyl alcohol - DL	28	J	76	18	ug/m3	5		TO-15	Total/NA
n-Hexane - DL	12		8.8	4.1	ug/m3	5		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	11		7.4	2.5	ug/m3	5		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: SV-2 (Continued)

Lab Sample ID: 480-201630-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyclohexane - DL	7.9		3.4	0.60	ug/m3	5		TO-15	Total/NA
Benzene - DL	4.7		3.2	1.2	ug/m3	5		TO-15	Total/NA
n-Heptane - DL	5.1		4.1	1.2	ug/m3	5		TO-15	Total/NA
Trichloroethene - DL	1.0		1.0	0.64	ug/m3	5		TO-15	Total/NA
Toluene - DL	12		3.8	1.8	ug/m3	5		TO-15	Total/NA
Tetrachloroethene - DL	2.3	J	6.8	0.92	ug/m3	5		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.47	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.39	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.24	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
n-Butane	30		0.50	0.19	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.14	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.29		0.20	0.052	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.057	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA
Acetone	110	E	5.0	2.0	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	1.6	J	5.0	0.98	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	3.7		0.50	0.13	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	9.7		5.0	1.2	ppb v/v	1		TO-15	Total/NA
n-Hexane	3.6		0.50	0.23	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	4.4		0.50	0.17	ppb v/v	1		TO-15	Total/NA
Cyclohexane	2.3		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.034	J	0.035	0.032	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.11	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA
Benzene	1.6		0.20	0.074	ppb v/v	1		TO-15	Total/NA
n-Heptane	1.3		0.20	0.059	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.24		0.037	0.024	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.24	J	0.50	0.19	ppb v/v	1		TO-15	Total/NA
Toluene	3.5		0.20	0.093	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.45		0.20	0.027	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.54		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.18	J	0.20	0.10	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.56		0.50	0.17	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.19	J	0.20	0.094	ppb v/v	1		TO-15	Total/NA
Styrene	0.095	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.052	J	0.20	0.051	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.062	J	0.20	0.044	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.19	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	0.043	J	0.20	0.039	ppb v/v	1		TO-15	Total/NA
1,3-Dichlorobenzene	0.32		0.20	0.089	ppb v/v	1		TO-15	Total/NA
n-Butane - DL	26		2.5	0.95	ppb v/v	5		TO-15	Total/NA
Acetone - DL	100		25	10	ppb v/v	5		TO-15	Total/NA
Carbon disulfide - DL	3.4		2.5	0.65	ppb v/v	5		TO-15	Total/NA
tert-Butyl alcohol - DL	9.2	J	25	6.0	ppb v/v	5		TO-15	Total/NA
n-Hexane - DL	3.3		2.5	1.2	ppb v/v	5		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	3.7		2.5	0.85	ppb v/v	5		TO-15	Total/NA
Cyclohexane - DL	2.3		1.0	0.18	ppb v/v	5		TO-15	Total/NA
Benzene - DL	1.5		1.0	0.37	ppb v/v	5		TO-15	Total/NA
n-Heptane - DL	1.3		1.0	0.30	ppb v/v	5		TO-15	Total/NA
Trichloroethene - DL	0.19		0.19	0.12	ppb v/v	5		TO-15	Total/NA
Toluene - DL	3.1		1.0	0.47	ppb v/v	5		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SV-2 (Continued) — Lab Sample ID: 480-201630-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene - DL	0.34	J	1.0	0.14	ppb v/v	5		TO-15	Total/NA

Client Sample ID: SV-3 — Lab Sample ID: 480-201630-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorodifluoromethane	0.68	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
n-Butane	22		1.2	0.45	ug/m3	1		TO-15	Total/NA
Acetone	160	E	12	4.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	3.6	J	12	2.4	ug/m3	1		TO-15	Total/NA
Carbon disulfide	3.0		1.6	0.40	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	12	J	15	3.6	ug/m3	1		TO-15	Total/NA
Methyl tert-butyl ether	3.9		0.72	0.29	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	4.8		1.5	0.50	ug/m3	1		TO-15	Total/NA
Cyclohexane	1.7		0.69	0.12	ug/m3	1		TO-15	Total/NA
Benzene	1.4		0.64	0.24	ug/m3	1		TO-15	Total/NA
n-Heptane	1.2		0.82	0.24	ug/m3	1		TO-15	Total/NA
Trichloroethene	1.4		0.20	0.13	ug/m3	1		TO-15	Total/NA
Toluene	4.9		0.75	0.35	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	2.9		1.4	0.18	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	1.0	J	2.0	0.82	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.43	J	0.87	0.43	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.2	J	2.2	0.74	ug/m3	1		TO-15	Total/NA
Styrene	0.15	J	0.85	0.14	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.27	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
1,3-Dichlorobenzene	1.2		1.2	0.54	ug/m3	1		TO-15	Total/NA
n-Butane - DL	21		3.5	1.3	ug/m3	2.98		TO-15	Total/NA
Acetone - DL	150		35	14	ug/m3	2.98		TO-15	Total/NA
Carbon disulfide - DL	3.0	J	4.6	1.2	ug/m3	2.98		TO-15	Total/NA
tert-Butyl alcohol - DL	13	J	45	11	ug/m3	2.98		TO-15	Total/NA
Methyl tert-butyl ether - DL	3.8		2.1	0.86	ug/m3	2.98		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	5.0		4.4	1.5	ug/m3	2.98		TO-15	Total/NA
Cyclohexane - DL	1.8	J	2.1	0.36	ug/m3	2.98		TO-15	Total/NA
Benzene - DL	1.4	J	1.9	0.70	ug/m3	2.98		TO-15	Total/NA
n-Heptane - DL	1.0	J	2.4	0.72	ug/m3	2.98		TO-15	Total/NA
Trichloroethene - DL	0.94		0.60	0.38	ug/m3	2.98		TO-15	Total/NA
Toluene - DL	4.8		2.2	1.0	ug/m3	2.98		TO-15	Total/NA
Tetrachloroethene - DL	2.5	J	4.0	0.55	ug/m3	2.98		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorodifluoromethane	0.19	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
n-Butane	9.1		0.50	0.19	ppb v/v	1		TO-15	Total/NA
Acetone	66	E	5.0	2.0	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	1.5	J	5.0	0.98	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.98		0.50	0.13	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	4.1	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
Methyl tert-butyl ether	1.1		0.20	0.080	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.6		0.50	0.17	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.51		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Benzene	0.44		0.20	0.074	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.29		0.20	0.059	ppb v/v	1		TO-15	Total/NA
Trichloroethene	0.27		0.037	0.024	ppb v/v	1		TO-15	Total/NA
Toluene	1.3		0.20	0.093	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SV-3 (Continued) — Lab Sample ID: 480-201630-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.43		0.20	0.027	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.25	J	0.50	0.20	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.099	J	0.20	0.10	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.27	J	0.50	0.17	ppb v/v	1		TO-15	Total/NA
Styrene	0.035	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.056	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
1,3-Dichlorobenzene	0.20		0.20	0.089	ppb v/v	1		TO-15	Total/NA
n-Butane - DL	9.0		1.5	0.57	ppb v/v	2.98		TO-15	Total/NA
Acetone - DL	64		15	6.0	ppb v/v	2.98		TO-15	Total/NA
Carbon disulfide - DL	0.97	J	1.5	0.39	ppb v/v	2.98		TO-15	Total/NA
tert-Butyl alcohol - DL	4.2	J	15	3.6	ppb v/v	2.98		TO-15	Total/NA
Methyl tert-butyl ether - DL	1.1		0.60	0.24	ppb v/v	2.98		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	1.7		1.5	0.51	ppb v/v	2.98		TO-15	Total/NA
Cyclohexane - DL	0.51	J	0.60	0.10	ppb v/v	2.98		TO-15	Total/NA
Benzene - DL	0.43	J	0.60	0.22	ppb v/v	2.98		TO-15	Total/NA
n-Heptane - DL	0.25	J	0.60	0.18	ppb v/v	2.98		TO-15	Total/NA
Trichloroethene - DL	0.17		0.11	0.072	ppb v/v	2.98		TO-15	Total/NA
Toluene - DL	1.3		0.60	0.28	ppb v/v	2.98		TO-15	Total/NA
Tetrachloroethene - DL	0.37	J	0.60	0.080	ppb v/v	2.98		TO-15	Total/NA

Client Sample ID: SV-4 — Lab Sample ID: 480-201630-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.1	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	2.5		1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloromethane	0.69	J	1.0	0.25	ug/m3	1		TO-15	Total/NA
n-Butane	4.0		1.2	0.45	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	0.99	J	1.1	0.29	ug/m3	1		TO-15	Total/NA
Acetone	130	E	12	4.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	3.0	J	12	2.4	ug/m3	1		TO-15	Total/NA
Carbon disulfide	9.8		1.6	0.40	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	12	J	15	3.6	ug/m3	1		TO-15	Total/NA
n-Hexane	1.1	J	1.8	0.81	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	5.0		1.5	0.50	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.53	J	0.69	0.12	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.25		0.22	0.20	ug/m3	1		TO-15	Total/NA
Benzene	0.86		0.64	0.24	ug/m3	1		TO-15	Total/NA
n-Heptane	1.4		0.82	0.24	ug/m3	1		TO-15	Total/NA
Toluene	4.8		0.75	0.35	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.34	J	1.4	0.18	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	1.6	J	2.0	0.82	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.0	J	2.2	0.74	ug/m3	1		TO-15	Total/NA
Styrene	0.18	J	0.85	0.14	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.42	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	0.46	J	1.1	0.21	ug/m3	1		TO-15	Total/NA
1,3-Dichlorobenzene	1.3		1.2	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane - DL	2.6	J	7.1	1.6	ug/m3	4		TO-15	Total/NA
n-Butane - DL	4.5	J	4.8	1.8	ug/m3	4		TO-15	Total/NA
Acetone - DL	150		48	19	ug/m3	4		TO-15	Total/NA
Carbon disulfide - DL	12		6.2	1.6	ug/m3	4		TO-15	Total/NA
tert-Butyl alcohol - DL	15	J	61	15	ug/m3	4		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SV-4 (Continued) — Lab Sample ID: 480-201630-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl Ethyl Ketone (2-Butanone) - DL	5.3	J	5.9	2.0	ug/m3	4		TO-15	Total/NA
Cyclohexane - DL	0.54	J	2.8	0.48	ug/m3	4		TO-15	Total/NA
Benzene - DL	1.1	J	2.6	0.95	ug/m3	4		TO-15	Total/NA
n-Heptane - DL	1.5	J	3.3	0.97	ug/m3	4		TO-15	Total/NA
Toluene - DL	5.5		3.0	1.4	ug/m3	4		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.43	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.70		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.33	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
n-Butane	1.7		0.50	0.19	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.18	J	0.20	0.052	ppb v/v	1		TO-15	Total/NA
Acetone	56	E	5.0	2.0	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	1.2	J	5.0	0.98	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	3.1		0.50	0.13	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	4.1	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.30	J	0.50	0.23	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.7		0.50	0.17	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.15	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.040		0.035	0.032	ppb v/v	1		TO-15	Total/NA
Benzene	0.27		0.20	0.074	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.34		0.20	0.059	ppb v/v	1		TO-15	Total/NA
Toluene	1.3		0.20	0.093	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.051	J	0.20	0.027	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.38	J	0.50	0.20	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.24	J	0.50	0.17	ppb v/v	1		TO-15	Total/NA
Styrene	0.043	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.085	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	0.084	J	0.20	0.039	ppb v/v	1		TO-15	Total/NA
1,3-Dichlorobenzene	0.22		0.20	0.089	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane - DL	0.74	J	2.0	0.44	ppb v/v	4		TO-15	Total/NA
n-Butane - DL	1.9	J	2.0	0.76	ppb v/v	4		TO-15	Total/NA
Acetone - DL	65		20	8.0	ppb v/v	4		TO-15	Total/NA
Carbon disulfide - DL	3.9		2.0	0.52	ppb v/v	4		TO-15	Total/NA
tert-Butyl alcohol - DL	4.9	J	20	4.8	ppb v/v	4		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	1.8	J	2.0	0.68	ppb v/v	4		TO-15	Total/NA
Cyclohexane - DL	0.16	J	0.80	0.14	ppb v/v	4		TO-15	Total/NA
Benzene - DL	0.34	J	0.80	0.30	ppb v/v	4		TO-15	Total/NA
n-Heptane - DL	0.36	J	0.80	0.24	ppb v/v	4		TO-15	Total/NA
Toluene - DL	1.5		0.80	0.37	ppb v/v	4		TO-15	Total/NA

Client Sample ID: OA-1 — Lab Sample ID: 480-201630-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.6		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	3.4		1.8	0.39	ug/m3	1		TO-15	Total/NA
Chloromethane	0.97	J	1.0	0.25	ug/m3	1		TO-15	Total/NA
n-Butane	1.8		1.2	0.45	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.2		1.1	0.29	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.47	J	1.5	0.42	ug/m3	1		TO-15	Total/NA
Acetone	33		12	4.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	18		12	2.4	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: OA-1 (Continued)

Lab Sample ID: 480-201630-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Hexane	1.7	J	1.8	0.81	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	10		1.5	0.50	ug/m3	1		TO-15	Total/NA
Cyclohexane	1.7		0.69	0.12	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.33		0.22	0.20	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.59	J	0.93	0.16	ug/m3	1		TO-15	Total/NA
Benzene	0.39	J	0.64	0.24	ug/m3	1		TO-15	Total/NA
n-Heptane	1.3		0.82	0.24	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.2		2.0	0.78	ug/m3	1		TO-15	Total/NA
Toluene	2.1		0.75	0.35	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.50	J	1.4	0.18	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	3.0		2.0	0.82	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.4	J	2.2	0.74	ug/m3	1		TO-15	Total/NA
o-Xylene	0.42	J	0.87	0.41	ug/m3	1		TO-15	Total/NA
Styrene	0.15	J	0.85	0.14	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.55	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	0.79	J	1.1	0.21	ug/m3	1		TO-15	Total/NA

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.52		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.97		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.47	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
n-Butane	0.75		0.50	0.19	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.22		0.20	0.052	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.061	J	0.20	0.055	ppb v/v	1		TO-15	Total/NA
Acetone	14		5.0	2.0	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	7.2		5.0	0.98	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.48	J	0.50	0.23	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	3.4		0.50	0.17	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.48		0.20	0.035	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.052		0.035	0.032	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.13	J	0.20	0.035	ppb v/v	1		TO-15	Total/NA
Benzene	0.12	J	0.20	0.074	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.33		0.20	0.059	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.53		0.50	0.19	ppb v/v	1		TO-15	Total/NA
Toluene	0.57		0.20	0.093	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.073	J	0.20	0.027	ppb v/v	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	0.73		0.50	0.20	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.33	J	0.50	0.17	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.096	J	0.20	0.094	ppb v/v	1		TO-15	Total/NA
Styrene	0.035	J	0.20	0.032	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.11	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	0.14	J	0.20	0.039	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201630-1

Client Sample ID: SV-1
Date Collected: 09/12/22 13:31
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-1
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.0**	**J**	2.5	0.54	ug/m3			09/16/22 20:08	1
Chlorodifluoromethane	**2.0**		1.8	0.39	ug/m3			09/16/22 20:08	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.38	ug/m3			09/16/22 20:08	1
Chloromethane	**1.5**		1.0	0.25	ug/m3			09/16/22 20:08	1
n-Butane	**70**		1.2	0.45	ug/m3			09/16/22 20:08	1
Vinyl chloride	ND		0.20	0.072	ug/m3			09/16/22 20:08	1
1,3-Butadiene	ND		0.44	0.084	ug/m3			09/16/22 20:08	1
Bromomethane	ND		0.78	0.20	ug/m3			09/16/22 20:08	1
Chloroethane	ND		1.3	0.66	ug/m3			09/16/22 20:08	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.37	ug/m3			09/16/22 20:08	1
Trichlorofluoromethane	**0.99**	**J**	1.1	0.29	ug/m3			09/16/22 20:08	1
1,1,2-Trichlorotrifluoroethane	**0.45**	**J**	1.5	0.42	ug/m3			09/16/22 20:08	1
1,1-Dichloroethene	ND		0.20	0.11	ug/m3			09/16/22 20:08	1
Acetone	**240**	**E**	12	4.8	ug/m3			09/16/22 20:08	1
Isopropyl alcohol	**4.8**	**J**	12	2.4	ug/m3			09/16/22 20:08	1
Carbon disulfide	**22**		1.6	0.40	ug/m3			09/16/22 20:08	1
3-Chloropropene	ND		1.6	0.34	ug/m3			09/16/22 20:08	1
Methylene Chloride	**2.9**		1.7	0.59	ug/m3			09/16/22 20:08	1
tert-Butyl alcohol	**33**		15	3.6	ug/m3			09/16/22 20:08	1
Methyl tert-butyl ether	ND		0.72	0.29	ug/m3			09/16/22 20:08	1
trans-1,2-Dichloroethene	ND		0.79	0.35	ug/m3			09/16/22 20:08	1
n-Hexane	**17**		1.8	0.81	ug/m3			09/16/22 20:08	1
1,1-Dichloroethane	**5.2**		0.81	0.12	ug/m3			09/16/22 20:08	1
Methyl Ethyl Ketone (2-Butanone)	**11**		1.5	0.50	ug/m3			09/16/22 20:08	1
cis-1,2-Dichloroethene	**0.37**		0.20	0.13	ug/m3			09/16/22 20:08	1
Chloroform	**0.62**	**J**	0.98	0.22	ug/m3			09/16/22 20:08	1
Tetrahydrofuran	ND		15	3.5	ug/m3			09/16/22 20:08	1
1,1,1-Trichloroethane	**56**		1.1	0.21	ug/m3			09/16/22 20:08	1
Cyclohexane	**14**		0.69	0.12	ug/m3			09/16/22 20:08	1
Carbon tetrachloride	ND		0.22	0.20	ug/m3			09/16/22 20:08	1
2,2,4-Trimethylpentane	**1.7**		0.93	0.16	ug/m3			09/16/22 20:08	1
Benzene	**12**		0.64	0.24	ug/m3			09/16/22 20:08	1
1,2-Dichloroethane	ND		0.81	0.61	ug/m3			09/16/22 20:08	1
n-Heptane	**17**		0.82	0.24	ug/m3			09/16/22 20:08	1
Trichloroethene	**6.7**		0.20	0.13	ug/m3			09/16/22 20:08	1
Methyl methacrylate	ND		2.0	0.66	ug/m3			09/16/22 20:08	1
1,2-Dichloropropane	ND		0.92	0.40	ug/m3			09/16/22 20:08	1
1,4-Dioxane	ND		18	6.1	ug/m3			09/16/22 20:08	1
Bromodichloromethane	ND		1.3	0.27	ug/m3			09/16/22 20:08	1
cis-1,3-Dichloropropene	ND		0.91	0.091	ug/m3			09/16/22 20:08	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.78	ug/m3			09/16/22 20:08	1
Toluene	**28**		0.75	0.35	ug/m3			09/16/22 20:08	1
trans-1,3-Dichloropropene	ND		0.91	0.40	ug/m3			09/16/22 20:08	1
1,1,2-Trichloroethane	ND		1.1	0.19	ug/m3			09/16/22 20:08	1
Tetrachloroethene	**11**		1.4	0.18	ug/m3			09/16/22 20:08	1
Methyl Butyl Ketone (2-Hexanone)	**2.2**		2.0	0.82	ug/m3			09/16/22 20:08	1
Dibromochloromethane	ND		1.7	0.26	ug/m3			09/16/22 20:08	1
1,2-Dibromoethane	ND		1.5	0.35	ug/m3			09/16/22 20:08	1

Client Sample ID: SV-1
Date Collected: 09/12/22 13:31
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-1
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.92	0.20	ug/m3			09/16/22 20:08	1
Ethylbenzene	**2.4**		0.87	0.43	ug/m3			09/16/22 20:08	1
m,p-Xylene	**3.7**		2.2	0.74	ug/m3			09/16/22 20:08	1
o-Xylene	**1.0**		0.87	0.41	ug/m3			09/16/22 20:08	1
Styrene	**0.31**	**J**	0.85	0.14	ug/m3			09/16/22 20:08	1
Bromoform	ND		2.1	0.60	ug/m3			09/16/22 20:08	1
Cumene	ND		0.98	0.18	ug/m3			09/16/22 20:08	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.30	ug/m3			09/16/22 20:08	1
n-Propylbenzene	ND		0.98	0.23	ug/m3			09/16/22 20:08	1
4-Ethyltoluene	ND		0.98	0.25	ug/m3			09/16/22 20:08	1
1,3,5-Trimethylbenzene	**0.26**	**J**	0.98	0.22	ug/m3			09/16/22 20:08	1
2-Chlorotoluene	ND		1.0	0.25	ug/m3			09/16/22 20:08	1
tert-Butylbenzene	ND		1.1	0.20	ug/m3			09/16/22 20:08	1
1,2,4-Trimethylbenzene	**0.79**	**J**	0.98	0.23	ug/m3			09/16/22 20:08	1
sec-Butylbenzene	ND		1.1	0.21	ug/m3			09/16/22 20:08	1
4-Isopropyltoluene	**0.24**	**J**	1.1	0.21	ug/m3			09/16/22 20:08	1
1,3-Dichlorobenzene	**3.1**		1.2	0.54	ug/m3			09/16/22 20:08	1
1,4-Dichlorobenzene	ND		1.2	0.57	ug/m3			09/16/22 20:08	1
Benzyl chloride	ND		1.0	0.38	ug/m3			09/16/22 20:08	1
n-Butylbenzene	ND		1.1	0.30	ug/m3			09/16/22 20:08	1
1,2-Dichlorobenzene	ND		1.2	0.42	ug/m3			09/16/22 20:08	1
1,2,4-Trichlorobenzene	ND		3.7	1.4	ug/m3			09/16/22 20:08	1
Hexachlorobutadiene	ND		2.1	0.33	ug/m3			09/16/22 20:08	1
Naphthalene	ND		2.6	0.89	ug/m3			09/16/22 20:08	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.40**	**J**	0.50	0.11	ppb v/v			09/16/22 20:08	1
Chlorodifluoromethane	**0.56**		0.50	0.11	ppb v/v			09/16/22 20:08	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.055	ppb v/v			09/16/22 20:08	1
Chloromethane	**0.74**		0.50	0.12	ppb v/v			09/16/22 20:08	1
n-Butane	**30**		0.50	0.19	ppb v/v			09/16/22 20:08	1
Vinyl chloride	ND		0.078	0.028	ppb v/v			09/16/22 20:08	1
1,3-Butadiene	ND		0.20	0.038	ppb v/v			09/16/22 20:08	1
Bromomethane	ND		0.20	0.052	ppb v/v			09/16/22 20:08	1
Chloroethane	ND		0.50	0.25	ppb v/v			09/16/22 20:08	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.085	ppb v/v			09/16/22 20:08	1
Trichlorofluoromethane	**0.18**	**J**	0.20	0.052	ppb v/v			09/16/22 20:08	1
1,1,2-Trichlorotrifluoroethane	**0.058**	**J**	0.20	0.055	ppb v/v			09/16/22 20:08	1
1,1-Dichloroethene	ND		0.050	0.029	ppb v/v			09/16/22 20:08	1
Acetone	**100**	**E**	5.0	2.0	ppb v/v			09/16/22 20:08	1
Isopropyl alcohol	**2.0**	**J**	5.0	0.98	ppb v/v			09/16/22 20:08	1
Carbon disulfide	**7.1**		0.50	0.13	ppb v/v			09/16/22 20:08	1
3-Chloropropene	ND		0.50	0.11	ppb v/v			09/16/22 20:08	1
Methylene Chloride	**0.83**		0.50	0.17	ppb v/v			09/16/22 20:08	1
tert-Butyl alcohol	**11**		5.0	1.2	ppb v/v			09/16/22 20:08	1
Methyl tert-butyl ether	ND		0.20	0.080	ppb v/v			09/16/22 20:08	1
trans-1,2-Dichloroethene	ND		0.20	0.088	ppb v/v			09/16/22 20:08	1
n-Hexane	**4.8**		0.50	0.23	ppb v/v			09/16/22 20:08	1
1,1-Dichloroethane	**1.3**		0.20	0.029	ppb v/v			09/16/22 20:08	1

Client Sample ID: SV-1
Date Collected: 09/12/22 13:31
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-1
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	**3.8**		0.50	0.17	ppb v/v			09/16/22 20:08	1
cis-1,2-Dichloroethene	**0.093**		0.050	0.033	ppb v/v			09/16/22 20:08	1
Chloroform	**0.13**	**J**	0.20	0.046	ppb v/v			09/16/22 20:08	1
Tetrahydrofuran	ND		5.0	1.2	ppb v/v			09/16/22 20:08	1
1,1,1-Trichloroethane	**10**		0.20	0.039	ppb v/v			09/16/22 20:08	1
Cyclohexane	**4.0**		0.20	0.035	ppb v/v			09/16/22 20:08	1
Carbon tetrachloride	ND		0.035	0.032	ppb v/v			09/16/22 20:08	1
2,2,4-Trimethylpentane	**0.36**		0.20	0.035	ppb v/v			09/16/22 20:08	1
Benzene	**3.8**		0.20	0.074	ppb v/v			09/16/22 20:08	1
1,2-Dichloroethane	ND		0.20	0.15	ppb v/v			09/16/22 20:08	1
n-Heptane	**4.1**		0.20	0.059	ppb v/v			09/16/22 20:08	1
Trichloroethene	**1.3**		0.037	0.024	ppb v/v			09/16/22 20:08	1
Methyl methacrylate	ND		0.50	0.16	ppb v/v			09/16/22 20:08	1
1,2-Dichloropropane	ND		0.20	0.087	ppb v/v			09/16/22 20:08	1
1,4-Dioxane	ND		5.0	1.7	ppb v/v			09/16/22 20:08	1
Bromodichloromethane	ND		0.20	0.040	ppb v/v			09/16/22 20:08	1
cis-1,3-Dichloropropene	ND		0.20	0.020	ppb v/v			09/16/22 20:08	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.19	ppb v/v			09/16/22 20:08	1
Toluene	**7.4**		0.20	0.093	ppb v/v			09/16/22 20:08	1
trans-1,3-Dichloropropene	ND		0.20	0.089	ppb v/v			09/16/22 20:08	1
1,1,2-Trichloroethane	ND		0.20	0.034	ppb v/v			09/16/22 20:08	1
Tetrachloroethene	**1.7**		0.20	0.027	ppb v/v			09/16/22 20:08	1
Methyl Butyl Ketone (2-Hexanone)	**0.54**		0.50	0.20	ppb v/v			09/16/22 20:08	1
Dibromochloromethane	ND		0.20	0.031	ppb v/v			09/16/22 20:08	1
1,2-Dibromoethane	ND		0.20	0.046	ppb v/v			09/16/22 20:08	1
Chlorobenzene	ND		0.20	0.043	ppb v/v			09/16/22 20:08	1
Ethylbenzene	**0.55**		0.20	0.10	ppb v/v			09/16/22 20:08	1
m,p-Xylene	**0.86**		0.50	0.17	ppb v/v			09/16/22 20:08	1
o-Xylene	**0.24**		0.20	0.094	ppb v/v			09/16/22 20:08	1
Styrene	**0.074**	**J**	0.20	0.032	ppb v/v			09/16/22 20:08	1
Bromoform	ND		0.20	0.058	ppb v/v			09/16/22 20:08	1
Cumene	ND		0.20	0.037	ppb v/v			09/16/22 20:08	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.043	ppb v/v			09/16/22 20:08	1
n-Propylbenzene	ND		0.20	0.047	ppb v/v			09/16/22 20:08	1
4-Ethyltoluene	ND		0.20	0.051	ppb v/v			09/16/22 20:08	1
1,3,5-Trimethylbenzene	**0.052**	**J**	0.20	0.044	ppb v/v			09/16/22 20:08	1
2-Chlorotoluene	ND		0.20	0.048	ppb v/v			09/16/22 20:08	1
tert-Butylbenzene	ND		0.20	0.037	ppb v/v			09/16/22 20:08	1
1,2,4-Trimethylbenzene	**0.16**	**J**	0.20	0.047	ppb v/v			09/16/22 20:08	1
sec-Butylbenzene	ND		0.20	0.039	ppb v/v			09/16/22 20:08	1
4-Isopropyltoluene	**0.043**	**J**	0.20	0.039	ppb v/v			09/16/22 20:08	1
1,3-Dichlorobenzene	**0.52**		0.20	0.089	ppb v/v			09/16/22 20:08	1
1,4-Dichlorobenzene	ND		0.20	0.095	ppb v/v			09/16/22 20:08	1
Benzyl chloride	ND		0.20	0.074	ppb v/v			09/16/22 20:08	1
n-Butylbenzene	ND		0.20	0.055	ppb v/v			09/16/22 20:08	1
1,2-Dichlorobenzene	ND		0.20	0.070	ppb v/v			09/16/22 20:08	1
1,2,4-Trichlorobenzene	ND		0.50	0.19	ppb v/v			09/16/22 20:08	1
Hexachlorobutadiene	ND		0.20	0.031	ppb v/v			09/16/22 20:08	1

Client Sample ID: SV-1
Date Collected: 09/12/22 13:31
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-1
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.50	0.17	ppb v/v			09/16/22 20:08	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.4**	**J**	9.9	2.2	ug/m3			09/16/22 21:03	4
Chlorodifluoromethane	**2.1**	**J**	7.1	1.6	ug/m3			09/16/22 21:03	4
1,2-Dichlorotetrafluoroethane	ND		5.6	1.5	ug/m3			09/16/22 21:03	4
Chloromethane	**1.6**	**J**	4.1	0.99	ug/m3			09/16/22 21:03	4
n-Butane	**60**		4.8	1.8	ug/m3			09/16/22 21:03	4
Vinyl chloride	ND		0.80	0.29	ug/m3			09/16/22 21:03	4
1,3-Butadiene	ND		1.8	0.34	ug/m3			09/16/22 21:03	4
Bromomethane	ND		3.1	0.81	ug/m3			09/16/22 21:03	4
Chloroethane	ND		5.3	2.6	ug/m3			09/16/22 21:03	4
Bromoethene(Vinyl Bromide)	ND		3.5	1.5	ug/m3			09/16/22 21:03	4
Trichlorofluoromethane	ND		4.5	1.2	ug/m3			09/16/22 21:03	4
1,1,2-Trichlorotrifluoroethane	ND		6.1	1.7	ug/m3			09/16/22 21:03	4
1,1-Dichloroethene	ND		0.80	0.46	ug/m3			09/16/22 21:03	4
Acetone	**230**		48	19	ug/m3			09/16/22 21:03	4
Isopropyl alcohol	ND		49	9.6	ug/m3			09/16/22 21:03	4
Carbon disulfide	**22**		6.2	1.6	ug/m3			09/16/22 21:03	4
3-Chloropropene	ND		6.3	1.4	ug/m3			09/16/22 21:03	4
Methylene Chloride	**2.8**	**J**	6.9	2.4	ug/m3			09/16/22 21:03	4
tert-Butyl alcohol	**32**	**J**	61	15	ug/m3			09/16/22 21:03	4
Methyl tert-butyl ether	ND		2.9	1.2	ug/m3			09/16/22 21:03	4
trans-1,2-Dichloroethene	ND		3.2	1.4	ug/m3			09/16/22 21:03	4
n-Hexane	**16**		7.0	3.2	ug/m3			09/16/22 21:03	4
1,1-Dichloroethane	**5.1**		3.2	0.47	ug/m3			09/16/22 21:03	4
Methyl Ethyl Ketone (2-Butanone)	**9.8**		5.9	2.0	ug/m3			09/16/22 21:03	4
cis-1,2-Dichloroethene	ND		0.80	0.52	ug/m3			09/16/22 21:03	4
Chloroform	ND		3.9	0.90	ug/m3			09/16/22 21:03	4
Tetrahydrofuran	ND		59	14	ug/m3			09/16/22 21:03	4
1,1,1-Trichloroethane	**54**		4.4	0.85	ug/m3			09/16/22 21:03	4
Cyclohexane	**13**		2.8	0.48	ug/m3			09/16/22 21:03	4
Carbon tetrachloride	ND		0.88	0.81	ug/m3			09/16/22 21:03	4
2,2,4-Trimethylpentane	**1.6**	**J**	3.7	0.65	ug/m3			09/16/22 21:03	4
Benzene	**12**		2.6	0.95	ug/m3			09/16/22 21:03	4
1,2-Dichloroethane	ND		3.2	2.4	ug/m3			09/16/22 21:03	4
n-Heptane	**16**		3.3	0.97	ug/m3			09/16/22 21:03	4
Trichloroethene	**6.6**		0.80	0.52	ug/m3			09/16/22 21:03	4
Methyl methacrylate	ND		8.2	2.6	ug/m3			09/16/22 21:03	4
1,2-Dichloropropane	ND		3.7	1.6	ug/m3			09/16/22 21:03	4
1,4-Dioxane	ND		72	25	ug/m3			09/16/22 21:03	4
Bromodichloromethane	ND		5.4	1.1	ug/m3			09/16/22 21:03	4
cis-1,3-Dichloropropene	ND		3.6	0.36	ug/m3			09/16/22 21:03	4
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		8.2	3.1	ug/m3			09/16/22 21:03	4
Toluene	**26**		3.0	1.4	ug/m3			09/16/22 21:03	4
trans-1,3-Dichloropropene	ND		3.6	1.6	ug/m3			09/16/22 21:03	4
1,1,2-Trichloroethane	ND		4.4	0.74	ug/m3			09/16/22 21:03	4

Client Sample ID: SV-1
Date Collected: 09/12/22 13:31
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-1
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**10**		5.4	0.73	ug/m3			09/16/22 21:03	4
Methyl Butyl Ketone (2-Hexanone)	ND		8.2	3.3	ug/m3			09/16/22 21:03	4
Dibromochloromethane	ND		6.8	1.1	ug/m3			09/16/22 21:03	4
1,2-Dibromoethane	ND		6.1	1.4	ug/m3			09/16/22 21:03	4
Chlorobenzene	ND		3.7	0.79	ug/m3			09/16/22 21:03	4
Ethylbenzene	**2.4**	**J**	3.5	1.7	ug/m3			09/16/22 21:03	4
m,p-Xylene	**3.5**	**J**	8.7	3.0	ug/m3			09/16/22 21:03	4
o-Xylene	ND		3.5	1.6	ug/m3			09/16/22 21:03	4
Styrene	ND		3.4	0.55	ug/m3			09/16/22 21:03	4
Bromoform	ND		8.3	2.4	ug/m3			09/16/22 21:03	4
Cumene	ND		3.9	0.73	ug/m3			09/16/22 21:03	4
1,1,2,2-Tetrachloroethane	ND		5.5	1.2	ug/m3			09/16/22 21:03	4
n-Propylbenzene	ND		3.9	0.92	ug/m3			09/16/22 21:03	4
4-Ethyltoluene	ND		3.9	1.0	ug/m3			09/16/22 21:03	4
1,3,5-Trimethylbenzene	ND		3.9	0.87	ug/m3			09/16/22 21:03	4
2-Chlorotoluene	ND		4.1	0.99	ug/m3			09/16/22 21:03	4
tert-Butylbenzene	ND		4.4	0.81	ug/m3			09/16/22 21:03	4
1,2,4-Trimethylbenzene	ND		3.9	0.92	ug/m3			09/16/22 21:03	4
sec-Butylbenzene	ND		4.4	0.86	ug/m3			09/16/22 21:03	4
4-Isopropyltoluene	ND		4.4	0.86	ug/m3			09/16/22 21:03	4
1,3-Dichlorobenzene	**3.1**	**J**	4.8	2.1	ug/m3			09/16/22 21:03	4
1,4-Dichlorobenzene	ND		4.8	2.3	ug/m3			09/16/22 21:03	4
Benzyl chloride	ND		4.1	1.5	ug/m3			09/16/22 21:03	4
n-Butylbenzene	ND		4.4	1.2	ug/m3			09/16/22 21:03	4
1,2-Dichlorobenzene	ND		4.8	1.7	ug/m3			09/16/22 21:03	4
1,2,4-Trichlorobenzene	ND		15	5.6	ug/m3			09/16/22 21:03	4
Hexachlorobutadiene	ND		8.5	1.3	ug/m3			09/16/22 21:03	4
Naphthalene	ND		10	3.6	ug/m3			09/16/22 21:03	4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.49**	**J**	2.0	0.44	ppb v/v			09/16/22 21:03	4
Chlorodifluoromethane	**0.61**	**J**	2.0	0.44	ppb v/v			09/16/22 21:03	4
1,2-Dichlorotetrafluoroethane	ND		0.80	0.22	ppb v/v			09/16/22 21:03	4
Chloromethane	**0.76**	**J**	2.0	0.48	ppb v/v			09/16/22 21:03	4
n-Butane	**25**		2.0	0.76	ppb v/v			09/16/22 21:03	4
Vinyl chloride	ND		0.31	0.11	ppb v/v			09/16/22 21:03	4
1,3-Butadiene	ND		0.80	0.15	ppb v/v			09/16/22 21:03	4
Bromomethane	ND		0.80	0.21	ppb v/v			09/16/22 21:03	4
Chloroethane	ND		2.0	1.0	ppb v/v			09/16/22 21:03	4
Bromoethene(Vinyl Bromide)	ND		0.80	0.34	ppb v/v			09/16/22 21:03	4
Trichlorofluoromethane	ND		0.80	0.21	ppb v/v			09/16/22 21:03	4
1,1,2-Trichlorotrifluoroethane	ND		0.80	0.22	ppb v/v			09/16/22 21:03	4
1,1-Dichloroethene	ND		0.20	0.12	ppb v/v			09/16/22 21:03	4
Acetone	**95**		20	8.0	ppb v/v			09/16/22 21:03	4
Isopropyl alcohol	ND		20	3.9	ppb v/v			09/16/22 21:03	4
Carbon disulfide	**7.0**		2.0	0.52	ppb v/v			09/16/22 21:03	4
3-Chloropropene	ND		2.0	0.44	ppb v/v			09/16/22 21:03	4
Methylene Chloride	**0.81**	**J**	2.0	0.68	ppb v/v			09/16/22 21:03	4
tert-Butyl alcohol	**11**	**J**	20	4.8	ppb v/v			09/16/22 21:03	4

Client Sample ID: SV-1
Date Collected: 09/12/22 13:31
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-1
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.80	0.32	ppb v/v			09/16/22 21:03	4
trans-1,2-Dichloroethene	ND		0.80	0.35	ppb v/v			09/16/22 21:03	4
n-Hexane	**4.4**		2.0	0.92	ppb v/v			09/16/22 21:03	4
1,1-Dichloroethane	**1.3**		0.80	0.12	ppb v/v			09/16/22 21:03	4
Methyl Ethyl Ketone (2-Butanone)	**3.3**		2.0	0.68	ppb v/v			09/16/22 21:03	4
cis-1,2-Dichloroethene	ND		0.20	0.13	ppb v/v			09/16/22 21:03	4
Chloroform	ND		0.80	0.18	ppb v/v			09/16/22 21:03	4
Tetrahydrofuran	ND		20	4.8	ppb v/v			09/16/22 21:03	4
1,1,1-Trichloroethane	**9.9**		0.80	0.16	ppb v/v			09/16/22 21:03	4
Cyclohexane	**3.8**		0.80	0.14	ppb v/v			09/16/22 21:03	4
Carbon tetrachloride	ND		0.14	0.13	ppb v/v			09/16/22 21:03	4
2,2,4-Trimethylpentane	**0.35**	**J**	0.80	0.14	ppb v/v			09/16/22 21:03	4
Benzene	**3.7**		0.80	0.30	ppb v/v			09/16/22 21:03	4
1,2-Dichloroethane	ND		0.80	0.60	ppb v/v			09/16/22 21:03	4
n-Heptane	**3.9**		0.80	0.24	ppb v/v			09/16/22 21:03	4
Trichloroethene	**1.2**		0.15	0.096	ppb v/v			09/16/22 21:03	4
Methyl methacrylate	ND		2.0	0.64	ppb v/v			09/16/22 21:03	4
1,2-Dichloropropane	ND		0.80	0.35	ppb v/v			09/16/22 21:03	4
1,4-Dioxane	ND		20	6.8	ppb v/v			09/16/22 21:03	4
Bromodichloromethane	ND		0.80	0.16	ppb v/v			09/16/22 21:03	4
cis-1,3-Dichloropropene	ND		0.80	0.080	ppb v/v			09/16/22 21:03	4
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.76	ppb v/v			09/16/22 21:03	4
Toluene	**7.0**		0.80	0.37	ppb v/v			09/16/22 21:03	4
trans-1,3-Dichloropropene	ND		0.80	0.36	ppb v/v			09/16/22 21:03	4
1,1,2-Trichloroethane	ND		0.80	0.14	ppb v/v			09/16/22 21:03	4
Tetrachloroethene	**1.5**		0.80	0.11	ppb v/v			09/16/22 21:03	4
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.80	ppb v/v			09/16/22 21:03	4
Dibromochloromethane	ND		0.80	0.12	ppb v/v			09/16/22 21:03	4
1,2-Dibromoethane	ND		0.80	0.18	ppb v/v			09/16/22 21:03	4
Chlorobenzene	ND		0.80	0.17	ppb v/v			09/16/22 21:03	4
Ethylbenzene	**0.55**	**J**	0.80	0.40	ppb v/v			09/16/22 21:03	4
m,p-Xylene	**0.80**	**J**	2.0	0.68	ppb v/v			09/16/22 21:03	4
o-Xylene	ND		0.80	0.38	ppb v/v			09/16/22 21:03	4
Styrene	ND		0.80	0.13	ppb v/v			09/16/22 21:03	4
Bromoform	ND		0.80	0.23	ppb v/v			09/16/22 21:03	4
Cumene	ND		0.80	0.15	ppb v/v			09/16/22 21:03	4
1,1,2,2-Tetrachloroethane	ND		0.80	0.17	ppb v/v			09/16/22 21:03	4
n-Propylbenzene	ND		0.80	0.19	ppb v/v			09/16/22 21:03	4
4-Ethyltoluene	ND		0.80	0.20	ppb v/v			09/16/22 21:03	4
1,3,5-Trimethylbenzene	ND		0.80	0.18	ppb v/v			09/16/22 21:03	4
2-Chlorotoluene	ND		0.80	0.19	ppb v/v			09/16/22 21:03	4
tert-Butylbenzene	ND		0.80	0.15	ppb v/v			09/16/22 21:03	4
1,2,4-Trimethylbenzene	ND		0.80	0.19	ppb v/v			09/16/22 21:03	4
sec-Butylbenzene	ND		0.80	0.16	ppb v/v			09/16/22 21:03	4
4-Isopropyltoluene	ND		0.80	0.16	ppb v/v			09/16/22 21:03	4
1,3-Dichlorobenzene	**0.52**	**J**	0.80	0.36	ppb v/v			09/16/22 21:03	4
1,4-Dichlorobenzene	ND		0.80	0.38	ppb v/v			09/16/22 21:03	4
Benzyl chloride	ND		0.80	0.30	ppb v/v			09/16/22 21:03	4

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201630-1

Client Sample ID: SV-1
Date Collected: 09/12/22 13:31
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-1
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		0.80	0.22	ppb v/v			09/16/22 21:03	4
1,2-Dichlorobenzene	ND		0.80	0.28	ppb v/v			09/16/22 21:03	4
1,2,4-Trichlorobenzene	ND		2.0	0.76	ppb v/v			09/16/22 21:03	4
Hexachlorobutadiene	ND		0.80	0.12	ppb v/v			09/16/22 21:03	4
Naphthalene	ND		2.0	0.68	ppb v/v			09/16/22 21:03	4

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201630-1

Client Sample ID: SV-2
Date Collected: 09/12/22 12:12
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-2
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.3**	**J**	2.5	0.54	ug/m3			09/16/22 21:57	1
Chlorodifluoromethane	**1.4**	**J**	1.8	0.39	ug/m3			09/16/22 21:57	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.38	ug/m3			09/16/22 21:57	1
Chloromethane	**0.49**	**J**	1.0	0.25	ug/m3			09/16/22 21:57	1
n-Butane	**70**		1.2	0.45	ug/m3			09/16/22 21:57	1
Vinyl chloride	ND		0.20	0.072	ug/m3			09/16/22 21:57	1
1,3-Butadiene	**0.30**	**J**	0.44	0.084	ug/m3			09/16/22 21:57	1
Bromomethane	ND		0.78	0.20	ug/m3			09/16/22 21:57	1
Chloroethane	ND		1.3	0.66	ug/m3			09/16/22 21:57	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.37	ug/m3			09/16/22 21:57	1
Trichlorofluoromethane	**1.6**		1.1	0.29	ug/m3			09/16/22 21:57	1
1,1,2-Trichlorotrifluoroethane	**0.43**	**J**	1.5	0.42	ug/m3			09/16/22 21:57	1
1,1-Dichloroethene	ND		0.20	0.11	ug/m3			09/16/22 21:57	1
Acetone	**270**	**E**	12	4.8	ug/m3			09/16/22 21:57	1
Isopropyl alcohol	**4.0**	**J**	12	2.4	ug/m3			09/16/22 21:57	1
Carbon disulfide	**11**		1.6	0.40	ug/m3			09/16/22 21:57	1
3-Chloropropene	ND		1.6	0.34	ug/m3			09/16/22 21:57	1
Methylene Chloride	ND		1.7	0.59	ug/m3			09/16/22 21:57	1
tert-Butyl alcohol	**30**		15	3.6	ug/m3			09/16/22 21:57	1
Methyl tert-butyl ether	ND		0.72	0.29	ug/m3			09/16/22 21:57	1
trans-1,2-Dichloroethene	ND		0.79	0.35	ug/m3			09/16/22 21:57	1
n-Hexane	**13**		1.8	0.81	ug/m3			09/16/22 21:57	1
1,1-Dichloroethane	ND		0.81	0.12	ug/m3			09/16/22 21:57	1
Methyl Ethyl Ketone (2-Butanone)	**13**		1.5	0.50	ug/m3			09/16/22 21:57	1
cis-1,2-Dichloroethene	ND		0.20	0.13	ug/m3			09/16/22 21:57	1
Chloroform	ND		0.98	0.22	ug/m3			09/16/22 21:57	1
Tetrahydrofuran	ND		15	3.5	ug/m3			09/16/22 21:57	1
1,1,1-Trichloroethane	ND		1.1	0.21	ug/m3			09/16/22 21:57	1
Cyclohexane	**7.9**		0.69	0.12	ug/m3			09/16/22 21:57	1
Carbon tetrachloride	**0.21**	**J**	0.22	0.20	ug/m3			09/16/22 21:57	1
2,2,4-Trimethylpentane	**0.50**	**J**	0.93	0.16	ug/m3			09/16/22 21:57	1
Benzene	**5.0**		0.64	0.24	ug/m3			09/16/22 21:57	1
1,2-Dichloroethane	ND		0.81	0.61	ug/m3			09/16/22 21:57	1
n-Heptane	**5.3**		0.82	0.24	ug/m3			09/16/22 21:57	1
Trichloroethene	**1.3**		0.20	0.13	ug/m3			09/16/22 21:57	1
Methyl methacrylate	ND		2.0	0.66	ug/m3			09/16/22 21:57	1
1,2-Dichloropropane	ND		0.92	0.40	ug/m3			09/16/22 21:57	1
1,4-Dioxane	ND		18	6.1	ug/m3			09/16/22 21:57	1
Bromodichloromethane	ND		1.3	0.27	ug/m3			09/16/22 21:57	1
cis-1,3-Dichloropropene	ND		0.91	0.091	ug/m3			09/16/22 21:57	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**1.0**	**J**	2.0	0.78	ug/m3			09/16/22 21:57	1
Toluene	**13**		0.75	0.35	ug/m3			09/16/22 21:57	1
trans-1,3-Dichloropropene	ND		0.91	0.40	ug/m3			09/16/22 21:57	1
1,1,2-Trichloroethane	ND		1.1	0.19	ug/m3			09/16/22 21:57	1
Tetrachloroethene	**3.0**		1.4	0.18	ug/m3			09/16/22 21:57	1
Methyl Butyl Ketone (2-Hexanone)	**2.2**		2.0	0.82	ug/m3			09/16/22 21:57	1
Dibromochloromethane	ND		1.7	0.26	ug/m3			09/16/22 21:57	1
1,2-Dibromoethane	ND		1.5	0.35	ug/m3			09/16/22 21:57	1

Client Sample ID: SV-2
Date Collected: 09/12/22 12:12
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-2
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.92	0.20	ug/m3			09/16/22 21:57	1
Ethylbenzene	**0.79**	**J**	0.87	0.43	ug/m3			09/16/22 21:57	1
m,p-Xylene	**2.4**		2.2	0.74	ug/m3			09/16/22 21:57	1
o-Xylene	**0.81**	**J**	0.87	0.41	ug/m3			09/16/22 21:57	1
Styrene	**0.41**	**J**	0.85	0.14	ug/m3			09/16/22 21:57	1
Bromoform	ND		2.1	0.60	ug/m3			09/16/22 21:57	1
Cumene	ND		0.98	0.18	ug/m3			09/16/22 21:57	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.30	ug/m3			09/16/22 21:57	1
n-Propylbenzene	ND		0.98	0.23	ug/m3			09/16/22 21:57	1
4-Ethyltoluene	**0.26**	**J**	0.98	0.25	ug/m3			09/16/22 21:57	1
1,3,5-Trimethylbenzene	**0.31**	**J**	0.98	0.22	ug/m3			09/16/22 21:57	1
2-Chlorotoluene	ND		1.0	0.25	ug/m3			09/16/22 21:57	1
tert-Butylbenzene	ND		1.1	0.20	ug/m3			09/16/22 21:57	1
1,2,4-Trimethylbenzene	**0.93**	**J**	0.98	0.23	ug/m3			09/16/22 21:57	1
sec-Butylbenzene	ND		1.1	0.21	ug/m3			09/16/22 21:57	1
4-Isopropyltoluene	**0.24**	**J**	1.1	0.21	ug/m3			09/16/22 21:57	1
1,3-Dichlorobenzene	**1.9**		1.2	0.54	ug/m3			09/16/22 21:57	1
1,4-Dichlorobenzene	ND		1.2	0.57	ug/m3			09/16/22 21:57	1
Benzyl chloride	ND		1.0	0.38	ug/m3			09/16/22 21:57	1
n-Butylbenzene	ND		1.1	0.30	ug/m3			09/16/22 21:57	1
1,2-Dichlorobenzene	ND		1.2	0.42	ug/m3			09/16/22 21:57	1
1,2,4-Trichlorobenzene	ND		3.7	1.4	ug/m3			09/16/22 21:57	1
Hexachlorobutadiene	ND		2.1	0.33	ug/m3			09/16/22 21:57	1
Naphthalene	ND		2.6	0.89	ug/m3			09/16/22 21:57	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.47**	**J**	0.50	0.11	ppb v/v			09/16/22 21:57	1
Chlorodifluoromethane	**0.39**	**J**	0.50	0.11	ppb v/v			09/16/22 21:57	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.055	ppb v/v			09/16/22 21:57	1
Chloromethane	**0.24**	**J**	0.50	0.12	ppb v/v			09/16/22 21:57	1
n-Butane	**30**		0.50	0.19	ppb v/v			09/16/22 21:57	1
Vinyl chloride	ND		0.078	0.028	ppb v/v			09/16/22 21:57	1
1,3-Butadiene	**0.14**	**J**	0.20	0.038	ppb v/v			09/16/22 21:57	1
Bromomethane	ND		0.20	0.052	ppb v/v			09/16/22 21:57	1
Chloroethane	ND		0.50	0.25	ppb v/v			09/16/22 21:57	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.085	ppb v/v			09/16/22 21:57	1
Trichlorofluoromethane	**0.29**		0.20	0.052	ppb v/v			09/16/22 21:57	1
1,1,2-Trichlorotrifluoroethane	**0.057**	**J**	0.20	0.055	ppb v/v			09/16/22 21:57	1
1,1-Dichloroethene	ND		0.050	0.029	ppb v/v			09/16/22 21:57	1
Acetone	**110**	**E**	5.0	2.0	ppb v/v			09/16/22 21:57	1
Isopropyl alcohol	**1.6**	**J**	5.0	0.98	ppb v/v			09/16/22 21:57	1
Carbon disulfide	**3.7**		0.50	0.13	ppb v/v			09/16/22 21:57	1
3-Chloropropene	ND		0.50	0.11	ppb v/v			09/16/22 21:57	1
Methylene Chloride	ND		0.50	0.17	ppb v/v			09/16/22 21:57	1
tert-Butyl alcohol	**9.7**		5.0	1.2	ppb v/v			09/16/22 21:57	1
Methyl tert-butyl ether	ND		0.20	0.080	ppb v/v			09/16/22 21:57	1
trans-1,2-Dichloroethene	ND		0.20	0.088	ppb v/v			09/16/22 21:57	1
n-Hexane	**3.6**		0.50	0.23	ppb v/v			09/16/22 21:57	1
1,1-Dichloroethane	ND		0.20	0.029	ppb v/v			09/16/22 21:57	1

Client Sample ID: SV-2
Date Collected: 09/12/22 12:12
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-2
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	**4.4**		0.50	0.17	ppb v/v			09/16/22 21:57	1
cis-1,2-Dichloroethene	ND		0.050	0.033	ppb v/v			09/16/22 21:57	1
Chloroform	ND		0.20	0.046	ppb v/v			09/16/22 21:57	1
Tetrahydrofuran	ND		5.0	1.2	ppb v/v			09/16/22 21:57	1
1,1,1-Trichloroethane	ND		0.20	0.039	ppb v/v			09/16/22 21:57	1
Cyclohexane	**2.3**		0.20	0.035	ppb v/v			09/16/22 21:57	1
Carbon tetrachloride	**0.034**	**J**	0.035	0.032	ppb v/v			09/16/22 21:57	1
2,2,4-Trimethylpentane	**0.11**	**J**	0.20	0.035	ppb v/v			09/16/22 21:57	1
Benzene	**1.6**		0.20	0.074	ppb v/v			09/16/22 21:57	1
1,2-Dichloroethane	ND		0.20	0.15	ppb v/v			09/16/22 21:57	1
n-Heptane	**1.3**		0.20	0.059	ppb v/v			09/16/22 21:57	1
Trichloroethene	**0.24**		0.037	0.024	ppb v/v			09/16/22 21:57	1
Methyl methacrylate	ND		0.50	0.16	ppb v/v			09/16/22 21:57	1
1,2-Dichloropropane	ND		0.20	0.087	ppb v/v			09/16/22 21:57	1
1,4-Dioxane	ND		5.0	1.7	ppb v/v			09/16/22 21:57	1
Bromodichloromethane	ND		0.20	0.040	ppb v/v			09/16/22 21:57	1
cis-1,3-Dichloropropene	ND		0.20	0.020	ppb v/v			09/16/22 21:57	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.24**	**J**	0.50	0.19	ppb v/v			09/16/22 21:57	1
Toluene	**3.5**		0.20	0.093	ppb v/v			09/16/22 21:57	1
trans-1,3-Dichloropropene	ND		0.20	0.089	ppb v/v			09/16/22 21:57	1
1,1,2-Trichloroethane	ND		0.20	0.034	ppb v/v			09/16/22 21:57	1
Tetrachloroethene	**0.45**		0.20	0.027	ppb v/v			09/16/22 21:57	1
Methyl Butyl Ketone (2-Hexanone)	**0.54**		0.50	0.20	ppb v/v			09/16/22 21:57	1
Dibromochloromethane	ND		0.20	0.031	ppb v/v			09/16/22 21:57	1
1,2-Dibromoethane	ND		0.20	0.046	ppb v/v			09/16/22 21:57	1
Chlorobenzene	ND		0.20	0.043	ppb v/v			09/16/22 21:57	1
Ethylbenzene	**0.18**	**J**	0.20	0.10	ppb v/v			09/16/22 21:57	1
m,p-Xylene	**0.56**		0.50	0.17	ppb v/v			09/16/22 21:57	1
o-Xylene	**0.19**	**J**	0.20	0.094	ppb v/v			09/16/22 21:57	1
Styrene	**0.095**	**J**	0.20	0.032	ppb v/v			09/16/22 21:57	1
Bromoform	ND		0.20	0.058	ppb v/v			09/16/22 21:57	1
Cumene	ND		0.20	0.037	ppb v/v			09/16/22 21:57	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.043	ppb v/v			09/16/22 21:57	1
n-Propylbenzene	ND		0.20	0.047	ppb v/v			09/16/22 21:57	1
4-Ethyltoluene	**0.052**	**J**	0.20	0.051	ppb v/v			09/16/22 21:57	1
1,3,5-Trimethylbenzene	**0.062**	**J**	0.20	0.044	ppb v/v			09/16/22 21:57	1
2-Chlorotoluene	ND		0.20	0.048	ppb v/v			09/16/22 21:57	1
tert-Butylbenzene	ND		0.20	0.037	ppb v/v			09/16/22 21:57	1
1,2,4-Trimethylbenzene	**0.19**	**J**	0.20	0.047	ppb v/v			09/16/22 21:57	1
sec-Butylbenzene	ND		0.20	0.039	ppb v/v			09/16/22 21:57	1
4-Isopropyltoluene	**0.043**	**J**	0.20	0.039	ppb v/v			09/16/22 21:57	1
1,3-Dichlorobenzene	**0.32**		0.20	0.089	ppb v/v			09/16/22 21:57	1
1,4-Dichlorobenzene	ND		0.20	0.095	ppb v/v			09/16/22 21:57	1
Benzyl chloride	ND		0.20	0.074	ppb v/v			09/16/22 21:57	1
n-Butylbenzene	ND		0.20	0.055	ppb v/v			09/16/22 21:57	1
1,2-Dichlorobenzene	ND		0.20	0.070	ppb v/v			09/16/22 21:57	1
1,2,4-Trichlorobenzene	ND		0.50	0.19	ppb v/v			09/16/22 21:57	1
Hexachlorobutadiene	ND		0.20	0.031	ppb v/v			09/16/22 21:57	1

Client Sample ID: SV-2
Date Collected: 09/12/22 12:12
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-2
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.50	0.17	ppb v/v			09/16/22 21:57	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		12	2.7	ug/m3			09/16/22 22:52	5
Chlorodifluoromethane	ND		8.8	1.9	ug/m3			09/16/22 22:52	5
1,2-Dichlorotetrafluoroethane	ND		7.0	1.9	ug/m3			09/16/22 22:52	5
Chloromethane	ND		5.2	1.2	ug/m3			09/16/22 22:52	5
n-Butane	**61**		5.9	2.3	ug/m3			09/16/22 22:52	5
Vinyl chloride	ND		1.0	0.36	ug/m3			09/16/22 22:52	5
1,3-Butadiene	ND		2.2	0.42	ug/m3			09/16/22 22:52	5
Bromomethane	ND		3.9	1.0	ug/m3			09/16/22 22:52	5
Chloroethane	ND		6.6	3.3	ug/m3			09/16/22 22:52	5
Bromoethene(Vinyl Bromide)	ND		4.4	1.9	ug/m3			09/16/22 22:52	5
Trichlorofluoromethane	ND		5.6	1.5	ug/m3			09/16/22 22:52	5
1,1,2-Trichlorotrifluoroethane	ND		7.7	2.1	ug/m3			09/16/22 22:52	5
1,1-Dichloroethene	ND		1.0	0.57	ug/m3			09/16/22 22:52	5
Acetone	**240**		59	24	ug/m3			09/16/22 22:52	5
Isopropyl alcohol	ND		61	12	ug/m3			09/16/22 22:52	5
Carbon disulfide	**11**		7.8	2.0	ug/m3			09/16/22 22:52	5
3-Chloropropene	ND		7.8	1.7	ug/m3			09/16/22 22:52	5
Methylene Chloride	ND		8.7	3.0	ug/m3			09/16/22 22:52	5
tert-Butyl alcohol	**28**	**J**	76	18	ug/m3			09/16/22 22:52	5
Methyl tert-butyl ether	ND		3.6	1.4	ug/m3			09/16/22 22:52	5
trans-1,2-Dichloroethene	ND		4.0	1.7	ug/m3			09/16/22 22:52	5
n-Hexane	**12**		8.8	4.1	ug/m3			09/16/22 22:52	5
1,1-Dichloroethane	ND		4.0	0.59	ug/m3			09/16/22 22:52	5
Methyl Ethyl Ketone (2-Butanone)	**11**		7.4	2.5	ug/m3			09/16/22 22:52	5
cis-1,2-Dichloroethene	ND		1.0	0.65	ug/m3			09/16/22 22:52	5
Chloroform	ND		4.9	1.1	ug/m3			09/16/22 22:52	5
Tetrahydrofuran	ND		74	18	ug/m3			09/16/22 22:52	5
1,1,1-Trichloroethane	ND		5.5	1.1	ug/m3			09/16/22 22:52	5
Cyclohexane	**7.9**		3.4	0.60	ug/m3			09/16/22 22:52	5
Carbon tetrachloride	ND		1.1	1.0	ug/m3			09/16/22 22:52	5
2,2,4-Trimethylpentane	ND		4.7	0.82	ug/m3			09/16/22 22:52	5
Benzene	**4.7**		3.2	1.2	ug/m3			09/16/22 22:52	5
1,2-Dichloroethane	ND		4.0	3.0	ug/m3			09/16/22 22:52	5
n-Heptane	**5.1**		4.1	1.2	ug/m3			09/16/22 22:52	5
Trichloroethene	**1.0**		1.0	0.64	ug/m3			09/16/22 22:52	5
Methyl methacrylate	ND		10	3.3	ug/m3			09/16/22 22:52	5
1,2-Dichloropropane	ND		4.6	2.0	ug/m3			09/16/22 22:52	5
1,4-Dioxane	ND		90	31	ug/m3			09/16/22 22:52	5
Bromodichloromethane	ND		6.7	1.3	ug/m3			09/16/22 22:52	5
cis-1,3-Dichloropropene	ND		4.5	0.45	ug/m3			09/16/22 22:52	5
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		10	3.9	ug/m3			09/16/22 22:52	5
Toluene	**12**		3.8	1.8	ug/m3			09/16/22 22:52	5
trans-1,3-Dichloropropene	ND		4.5	2.0	ug/m3			09/16/22 22:52	5
1,1,2-Trichloroethane	ND		5.5	0.93	ug/m3			09/16/22 22:52	5

Client Sample ID: SV-2
Date Collected: 09/12/22 12:12
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-2
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**2.3**	**J**	6.8	0.92	ug/m3			09/16/22 22:52	5
Methyl Butyl Ketone (2-Hexanone)	ND		10	4.1	ug/m3			09/16/22 22:52	5
Dibromochloromethane	ND		8.5	1.3	ug/m3			09/16/22 22:52	5
1,2-Dibromoethane	ND		7.7	1.8	ug/m3			09/16/22 22:52	5
Chlorobenzene	ND		4.6	0.99	ug/m3			09/16/22 22:52	5
Ethylbenzene	ND		4.3	2.2	ug/m3			09/16/22 22:52	5
m,p-Xylene	ND		11	3.7	ug/m3			09/16/22 22:52	5
o-Xylene	ND		4.3	2.0	ug/m3			09/16/22 22:52	5
Styrene	ND		4.3	0.68	ug/m3			09/16/22 22:52	5
Bromoform	ND		10	3.0	ug/m3			09/16/22 22:52	5
Cumene	ND		4.9	0.91	ug/m3			09/16/22 22:52	5
1,1,2,2-Tetrachloroethane	ND		6.9	1.5	ug/m3			09/16/22 22:52	5
n-Propylbenzene	ND		4.9	1.2	ug/m3			09/16/22 22:52	5
4-Ethyltoluene	ND		4.9	1.3	ug/m3			09/16/22 22:52	5
1,3,5-Trimethylbenzene	ND		4.9	1.1	ug/m3			09/16/22 22:52	5
2-Chlorotoluene	ND		5.2	1.2	ug/m3			09/16/22 22:52	5
tert-Butylbenzene	ND		5.5	1.0	ug/m3			09/16/22 22:52	5
1,2,4-Trimethylbenzene	ND		4.9	1.2	ug/m3			09/16/22 22:52	5
sec-Butylbenzene	ND		5.5	1.1	ug/m3			09/16/22 22:52	5
4-Isopropyltoluene	ND		5.5	1.1	ug/m3			09/16/22 22:52	5
1,3-Dichlorobenzene	ND		6.0	2.7	ug/m3			09/16/22 22:52	5
1,4-Dichlorobenzene	ND		6.0	2.9	ug/m3			09/16/22 22:52	5
Benzyl chloride	ND		5.2	1.9	ug/m3			09/16/22 22:52	5
n-Butylbenzene	ND		5.5	1.5	ug/m3			09/16/22 22:52	5
1,2-Dichlorobenzene	ND		6.0	2.1	ug/m3			09/16/22 22:52	5
1,2,4-Trichlorobenzene	ND		19	7.1	ug/m3			09/16/22 22:52	5
Hexachlorobutadiene	ND		11	1.7	ug/m3			09/16/22 22:52	5
Naphthalene	ND		13	4.5	ug/m3			09/16/22 22:52	5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.5	0.55	ppb v/v			09/16/22 22:52	5
Chlorodifluoromethane	ND		2.5	0.55	ppb v/v			09/16/22 22:52	5
1,2-Dichlorotetrafluoroethane	ND		1.0	0.28	ppb v/v			09/16/22 22:52	5
Chloromethane	ND		2.5	0.60	ppb v/v			09/16/22 22:52	5
n-Butane	**26**		2.5	0.95	ppb v/v			09/16/22 22:52	5
Vinyl chloride	ND		0.39	0.14	ppb v/v			09/16/22 22:52	5
1,3-Butadiene	ND		1.0	0.19	ppb v/v			09/16/22 22:52	5
Bromomethane	ND		1.0	0.26	ppb v/v			09/16/22 22:52	5
Chloroethane	ND		2.5	1.3	ppb v/v			09/16/22 22:52	5
Bromoethene(Vinyl Bromide)	ND		1.0	0.43	ppb v/v			09/16/22 22:52	5
Trichlorofluoromethane	ND		1.0	0.26	ppb v/v			09/16/22 22:52	5
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.28	ppb v/v			09/16/22 22:52	5
1,1-Dichloroethene	ND		0.25	0.15	ppb v/v			09/16/22 22:52	5
Acetone	**100**		25	10	ppb v/v			09/16/22 22:52	5
Isopropyl alcohol	ND		25	4.9	ppb v/v			09/16/22 22:52	5
Carbon disulfide	**3.4**		2.5	0.65	ppb v/v			09/16/22 22:52	5
3-Chloropropene	ND		2.5	0.55	ppb v/v			09/16/22 22:52	5
Methylene Chloride	ND		2.5	0.85	ppb v/v			09/16/22 22:52	5
tert-Butyl alcohol	**9.2**	**J**	25	6.0	ppb v/v			09/16/22 22:52	5

Client Sample ID: SV-2
Date Collected: 09/12/22 12:12
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-2
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		1.0	0.40	ppb v/v			09/16/22 22:52	5
trans-1,2-Dichloroethene	ND		1.0	0.44	ppb v/v			09/16/22 22:52	5
n-Hexane	**3.3**		2.5	1.2	ppb v/v			09/16/22 22:52	5
1,1-Dichloroethane	ND		1.0	0.15	ppb v/v			09/16/22 22:52	5
Methyl Ethyl Ketone (2-Butanone)	**3.7**		2.5	0.85	ppb v/v			09/16/22 22:52	5
cis-1,2-Dichloroethene	ND		0.25	0.17	ppb v/v			09/16/22 22:52	5
Chloroform	ND		1.0	0.23	ppb v/v			09/16/22 22:52	5
Tetrahydrofuran	ND		25	6.0	ppb v/v			09/16/22 22:52	5
1,1,1-Trichloroethane	ND		1.0	0.20	ppb v/v			09/16/22 22:52	5
Cyclohexane	**2.3**		1.0	0.18	ppb v/v			09/16/22 22:52	5
Carbon tetrachloride	ND		0.17	0.16	ppb v/v			09/16/22 22:52	5
2,2,4-Trimethylpentane	ND		1.0	0.18	ppb v/v			09/16/22 22:52	5
Benzene	**1.5**		1.0	0.37	ppb v/v			09/16/22 22:52	5
1,2-Dichloroethane	ND		1.0	0.75	ppb v/v			09/16/22 22:52	5
n-Heptane	**1.3**		1.0	0.30	ppb v/v			09/16/22 22:52	5
Trichloroethene	**0.19**		0.19	0.12	ppb v/v			09/16/22 22:52	5
Methyl methacrylate	ND		2.5	0.80	ppb v/v			09/16/22 22:52	5
1,2-Dichloropropane	ND		1.0	0.44	ppb v/v			09/16/22 22:52	5
1,4-Dioxane	ND		25	8.5	ppb v/v			09/16/22 22:52	5
Bromodichloromethane	ND		1.0	0.20	ppb v/v			09/16/22 22:52	5
cis-1,3-Dichloropropene	ND		1.0	0.10	ppb v/v			09/16/22 22:52	5
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.5	0.95	ppb v/v			09/16/22 22:52	5
Toluene	**3.1**		1.0	0.47	ppb v/v			09/16/22 22:52	5
trans-1,3-Dichloropropene	ND		1.0	0.45	ppb v/v			09/16/22 22:52	5
1,1,2-Trichloroethane	ND		1.0	0.17	ppb v/v			09/16/22 22:52	5
Tetrachloroethene	**0.34**	**J**	1.0	0.14	ppb v/v			09/16/22 22:52	5
Methyl Butyl Ketone (2-Hexanone)	ND		2.5	1.0	ppb v/v			09/16/22 22:52	5
Dibromochloromethane	ND		1.0	0.16	ppb v/v			09/16/22 22:52	5
1,2-Dibromoethane	ND		1.0	0.23	ppb v/v			09/16/22 22:52	5
Chlorobenzene	ND		1.0	0.22	ppb v/v			09/16/22 22:52	5
Ethylbenzene	ND		1.0	0.50	ppb v/v			09/16/22 22:52	5
m,p-Xylene	ND		2.5	0.85	ppb v/v			09/16/22 22:52	5
o-Xylene	ND		1.0	0.47	ppb v/v			09/16/22 22:52	5
Styrene	ND		1.0	0.16	ppb v/v			09/16/22 22:52	5
Bromoform	ND		1.0	0.29	ppb v/v			09/16/22 22:52	5
Cumene	ND		1.0	0.19	ppb v/v			09/16/22 22:52	5
1,1,2,2-Tetrachloroethane	ND		1.0	0.22	ppb v/v			09/16/22 22:52	5
n-Propylbenzene	ND		1.0	0.24	ppb v/v			09/16/22 22:52	5
4-Ethyltoluene	ND		1.0	0.26	ppb v/v			09/16/22 22:52	5
1,3,5-Trimethylbenzene	ND		1.0	0.22	ppb v/v			09/16/22 22:52	5
2-Chlorotoluene	ND		1.0	0.24	ppb v/v			09/16/22 22:52	5
tert-Butylbenzene	ND		1.0	0.19	ppb v/v			09/16/22 22:52	5
1,2,4-Trimethylbenzene	ND		1.0	0.24	ppb v/v			09/16/22 22:52	5
sec-Butylbenzene	ND		1.0	0.20	ppb v/v			09/16/22 22:52	5
4-Isopropyltoluene	ND		1.0	0.20	ppb v/v			09/16/22 22:52	5
1,3-Dichlorobenzene	ND		1.0	0.45	ppb v/v			09/16/22 22:52	5
1,4-Dichlorobenzene	ND		1.0	0.48	ppb v/v			09/16/22 22:52	5
Benzyl chloride	ND		1.0	0.37	ppb v/v			09/16/22 22:52	5

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201630-1

Client Sample ID: SV-2
Date Collected: 09/12/22 12:12
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-2
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		1.0	0.28	ppb v/v			09/16/22 22:52	5
1,2-Dichlorobenzene	ND		1.0	0.35	ppb v/v			09/16/22 22:52	5
1,2,4-Trichlorobenzene	ND		2.5	0.95	ppb v/v			09/16/22 22:52	5
Hexachlorobutadiene	ND		1.0	0.16	ppb v/v			09/16/22 22:52	5
Naphthalene	ND		2.5	0.85	ppb v/v			09/16/22 22:52	5

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201630-1

Client Sample ID: SV-3
Date Collected: 09/12/22 13:00
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-3
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.5	0.54	ug/m3			09/16/22 23:46	1
Chlorodifluoromethane	**0.68**	**J**	1.8	0.39	ug/m3			09/16/22 23:46	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.38	ug/m3			09/16/22 23:46	1
Chloromethane	ND		1.0	0.25	ug/m3			09/16/22 23:46	1
n-Butane	**22**		1.2	0.45	ug/m3			09/16/22 23:46	1
Vinyl chloride	ND		0.20	0.072	ug/m3			09/16/22 23:46	1
1,3-Butadiene	ND		0.44	0.084	ug/m3			09/16/22 23:46	1
Bromomethane	ND		0.78	0.20	ug/m3			09/16/22 23:46	1
Chloroethane	ND		1.3	0.66	ug/m3			09/16/22 23:46	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.37	ug/m3			09/16/22 23:46	1
Trichlorofluoromethane	ND		1.1	0.29	ug/m3			09/16/22 23:46	1
1,1,2-Trichlorotrifluoroethane	ND		1.5	0.42	ug/m3			09/16/22 23:46	1
1,1-Dichloroethene	ND		0.20	0.11	ug/m3			09/16/22 23:46	1
Acetone	**160**	**E**	12	4.8	ug/m3			09/16/22 23:46	1
Isopropyl alcohol	**3.6**	**J**	12	2.4	ug/m3			09/16/22 23:46	1
Carbon disulfide	**3.0**		1.6	0.40	ug/m3			09/16/22 23:46	1
3-Chloropropene	ND		1.6	0.34	ug/m3			09/16/22 23:46	1
Methylene Chloride	ND		1.7	0.59	ug/m3			09/16/22 23:46	1
tert-Butyl alcohol	**12**	**J**	15	3.6	ug/m3			09/16/22 23:46	1
Methyl tert-butyl ether	**3.9**		0.72	0.29	ug/m3			09/16/22 23:46	1
trans-1,2-Dichloroethene	ND		0.79	0.35	ug/m3			09/16/22 23:46	1
n-Hexane	ND		1.8	0.81	ug/m3			09/16/22 23:46	1
1,1-Dichloroethane	ND		0.81	0.12	ug/m3			09/16/22 23:46	1
Methyl Ethyl Ketone (2-Butanone)	**4.8**		1.5	0.50	ug/m3			09/16/22 23:46	1
cis-1,2-Dichloroethene	ND		0.20	0.13	ug/m3			09/16/22 23:46	1
Chloroform	ND		0.98	0.22	ug/m3			09/16/22 23:46	1
Tetrahydrofuran	ND		15	3.5	ug/m3			09/16/22 23:46	1
1,1,1-Trichloroethane	ND		1.1	0.21	ug/m3			09/16/22 23:46	1
Cyclohexane	**1.7**		0.69	0.12	ug/m3			09/16/22 23:46	1
Carbon tetrachloride	ND		0.22	0.20	ug/m3			09/16/22 23:46	1
2,2,4-Trimethylpentane	ND		0.93	0.16	ug/m3			09/16/22 23:46	1
Benzene	**1.4**		0.64	0.24	ug/m3			09/16/22 23:46	1
1,2-Dichloroethane	ND		0.81	0.61	ug/m3			09/16/22 23:46	1
n-Heptane	**1.2**		0.82	0.24	ug/m3			09/16/22 23:46	1
Trichloroethene	**1.4**		0.20	0.13	ug/m3			09/16/22 23:46	1
Methyl methacrylate	ND		2.0	0.66	ug/m3			09/16/22 23:46	1
1,2-Dichloropropane	ND		0.92	0.40	ug/m3			09/16/22 23:46	1
1,4-Dioxane	ND		18	6.1	ug/m3			09/16/22 23:46	1
Bromodichloromethane	ND		1.3	0.27	ug/m3			09/16/22 23:46	1
cis-1,3-Dichloropropene	ND		0.91	0.091	ug/m3			09/16/22 23:46	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.78	ug/m3			09/16/22 23:46	1
Toluene	**4.9**		0.75	0.35	ug/m3			09/16/22 23:46	1
trans-1,3-Dichloropropene	ND		0.91	0.40	ug/m3			09/16/22 23:46	1
1,1,2-Trichloroethane	ND		1.1	0.19	ug/m3			09/16/22 23:46	1
Tetrachloroethene	**2.9**		1.4	0.18	ug/m3			09/16/22 23:46	1
Methyl Butyl Ketone (2-Hexanone)	**1.0**	**J**	2.0	0.82	ug/m3			09/16/22 23:46	1
Dibromochloromethane	ND		1.7	0.26	ug/m3			09/16/22 23:46	1
1,2-Dibromoethane	ND		1.5	0.35	ug/m3			09/16/22 23:46	1

Client Sample ID: SV-3
Date Collected: 09/12/22 13:00
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-3
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.92	0.20	ug/m3			09/16/22 23:46	1
Ethylbenzene	**0.43**	**J**	0.87	0.43	ug/m3			09/16/22 23:46	1
m,p-Xylene	**1.2**	**J**	2.2	0.74	ug/m3			09/16/22 23:46	1
o-Xylene	ND		0.87	0.41	ug/m3			09/16/22 23:46	1
Styrene	**0.15**	**J**	0.85	0.14	ug/m3			09/16/22 23:46	1
Bromoform	ND		2.1	0.60	ug/m3			09/16/22 23:46	1
Cumene	ND		0.98	0.18	ug/m3			09/16/22 23:46	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.30	ug/m3			09/16/22 23:46	1
n-Propylbenzene	ND		0.98	0.23	ug/m3			09/16/22 23:46	1
4-Ethyltoluene	ND		0.98	0.25	ug/m3			09/16/22 23:46	1
1,3,5-Trimethylbenzene	ND		0.98	0.22	ug/m3			09/16/22 23:46	1
2-Chlorotoluene	ND		1.0	0.25	ug/m3			09/16/22 23:46	1
tert-Butylbenzene	ND		1.1	0.20	ug/m3			09/16/22 23:46	1
1,2,4-Trimethylbenzene	**0.27**	**J**	0.98	0.23	ug/m3			09/16/22 23:46	1
sec-Butylbenzene	ND		1.1	0.21	ug/m3			09/16/22 23:46	1
4-Isopropyltoluene	ND		1.1	0.21	ug/m3			09/16/22 23:46	1
1,3-Dichlorobenzene	**1.2**		1.2	0.54	ug/m3			09/16/22 23:46	1
1,4-Dichlorobenzene	ND		1.2	0.57	ug/m3			09/16/22 23:46	1
Benzyl chloride	ND		1.0	0.38	ug/m3			09/16/22 23:46	1
n-Butylbenzene	ND		1.1	0.30	ug/m3			09/16/22 23:46	1
1,2-Dichlorobenzene	ND		1.2	0.42	ug/m3			09/16/22 23:46	1
1,2,4-Trichlorobenzene	ND		3.7	1.4	ug/m3			09/16/22 23:46	1
Hexachlorobutadiene	ND		2.1	0.33	ug/m3			09/16/22 23:46	1
Naphthalene	ND		2.6	0.89	ug/m3			09/16/22 23:46	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.11	ppb v/v			09/16/22 23:46	1
Chlorodifluoromethane	**0.19**	**J**	0.50	0.11	ppb v/v			09/16/22 23:46	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.055	ppb v/v			09/16/22 23:46	1
Chloromethane	ND		0.50	0.12	ppb v/v			09/16/22 23:46	1
n-Butane	**9.1**		0.50	0.19	ppb v/v			09/16/22 23:46	1
Vinyl chloride	ND		0.078	0.028	ppb v/v			09/16/22 23:46	1
1,3-Butadiene	ND		0.20	0.038	ppb v/v			09/16/22 23:46	1
Bromomethane	ND		0.20	0.052	ppb v/v			09/16/22 23:46	1
Chloroethane	ND		0.50	0.25	ppb v/v			09/16/22 23:46	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.085	ppb v/v			09/16/22 23:46	1
Trichlorofluoromethane	ND		0.20	0.052	ppb v/v			09/16/22 23:46	1
1,1,2-Trichlorotrifluoroethane	ND		0.20	0.055	ppb v/v			09/16/22 23:46	1
1,1-Dichloroethene	ND		0.050	0.029	ppb v/v			09/16/22 23:46	1
Acetone	**66**	**E**	5.0	2.0	ppb v/v			09/16/22 23:46	1
Isopropyl alcohol	**1.5**	**J**	5.0	0.98	ppb v/v			09/16/22 23:46	1
Carbon disulfide	**0.98**		0.50	0.13	ppb v/v			09/16/22 23:46	1
3-Chloropropene	ND		0.50	0.11	ppb v/v			09/16/22 23:46	1
Methylene Chloride	ND		0.50	0.17	ppb v/v			09/16/22 23:46	1
tert-Butyl alcohol	**4.1**	**J**	5.0	1.2	ppb v/v			09/16/22 23:46	1
Methyl tert-butyl ether	**1.1**		0.20	0.080	ppb v/v			09/16/22 23:46	1
trans-1,2-Dichloroethene	ND		0.20	0.088	ppb v/v			09/16/22 23:46	1
n-Hexane	ND		0.50	0.23	ppb v/v			09/16/22 23:46	1
1,1-Dichloroethane	ND		0.20	0.029	ppb v/v			09/16/22 23:46	1

Client Sample ID: SV-3
Date Collected: 09/12/22 13:00
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-3
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	**1.6**		0.50	0.17	ppb v/v			09/16/22 23:46	1
cis-1,2-Dichloroethene	ND		0.050	0.033	ppb v/v			09/16/22 23:46	1
Chloroform	ND		0.20	0.046	ppb v/v			09/16/22 23:46	1
Tetrahydrofuran	ND		5.0	1.2	ppb v/v			09/16/22 23:46	1
1,1,1-Trichloroethane	ND		0.20	0.039	ppb v/v			09/16/22 23:46	1
Cyclohexane	**0.51**		0.20	0.035	ppb v/v			09/16/22 23:46	1
Carbon tetrachloride	ND		0.035	0.032	ppb v/v			09/16/22 23:46	1
2,2,4-Trimethylpentane	ND		0.20	0.035	ppb v/v			09/16/22 23:46	1
Benzene	**0.44**		0.20	0.074	ppb v/v			09/16/22 23:46	1
1,2-Dichloroethane	ND		0.20	0.15	ppb v/v			09/16/22 23:46	1
n-Heptane	**0.29**		0.20	0.059	ppb v/v			09/16/22 23:46	1
Trichloroethene	**0.27**		0.037	0.024	ppb v/v			09/16/22 23:46	1
Methyl methacrylate	ND		0.50	0.16	ppb v/v			09/16/22 23:46	1
1,2-Dichloropropane	ND		0.20	0.087	ppb v/v			09/16/22 23:46	1
1,4-Dioxane	ND		5.0	1.7	ppb v/v			09/16/22 23:46	1
Bromodichloromethane	ND		0.20	0.040	ppb v/v			09/16/22 23:46	1
cis-1,3-Dichloropropene	ND		0.20	0.020	ppb v/v			09/16/22 23:46	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.19	ppb v/v			09/16/22 23:46	1
Toluene	**1.3**		0.20	0.093	ppb v/v			09/16/22 23:46	1
trans-1,3-Dichloropropene	ND		0.20	0.089	ppb v/v			09/16/22 23:46	1
1,1,2-Trichloroethane	ND		0.20	0.034	ppb v/v			09/16/22 23:46	1
Tetrachloroethene	**0.43**		0.20	0.027	ppb v/v			09/16/22 23:46	1
Methyl Butyl Ketone (2-Hexanone)	**0.25**	**J**	0.50	0.20	ppb v/v			09/16/22 23:46	1
Dibromochloromethane	ND		0.20	0.031	ppb v/v			09/16/22 23:46	1
1,2-Dibromoethane	ND		0.20	0.046	ppb v/v			09/16/22 23:46	1
Chlorobenzene	ND		0.20	0.043	ppb v/v			09/16/22 23:46	1
Ethylbenzene	**0.099**	**J**	0.20	0.10	ppb v/v			09/16/22 23:46	1
m,p-Xylene	**0.27**	**J**	0.50	0.17	ppb v/v			09/16/22 23:46	1
o-Xylene	ND		0.20	0.094	ppb v/v			09/16/22 23:46	1
Styrene	**0.035**	**J**	0.20	0.032	ppb v/v			09/16/22 23:46	1
Bromoform	ND		0.20	0.058	ppb v/v			09/16/22 23:46	1
Cumene	ND		0.20	0.037	ppb v/v			09/16/22 23:46	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.043	ppb v/v			09/16/22 23:46	1
n-Propylbenzene	ND		0.20	0.047	ppb v/v			09/16/22 23:46	1
4-Ethyltoluene	ND		0.20	0.051	ppb v/v			09/16/22 23:46	1
1,3,5-Trimethylbenzene	ND		0.20	0.044	ppb v/v			09/16/22 23:46	1
2-Chlorotoluene	ND		0.20	0.048	ppb v/v			09/16/22 23:46	1
tert-Butylbenzene	ND		0.20	0.037	ppb v/v			09/16/22 23:46	1
1,2,4-Trimethylbenzene	**0.056**	**J**	0.20	0.047	ppb v/v			09/16/22 23:46	1
sec-Butylbenzene	ND		0.20	0.039	ppb v/v			09/16/22 23:46	1
4-Isopropyltoluene	ND		0.20	0.039	ppb v/v			09/16/22 23:46	1
1,3-Dichlorobenzene	**0.20**		0.20	0.089	ppb v/v			09/16/22 23:46	1
1,4-Dichlorobenzene	ND		0.20	0.095	ppb v/v			09/16/22 23:46	1
Benzyl chloride	ND		0.20	0.074	ppb v/v			09/16/22 23:46	1
n-Butylbenzene	ND		0.20	0.055	ppb v/v			09/16/22 23:46	1
1,2-Dichlorobenzene	ND		0.20	0.070	ppb v/v			09/16/22 23:46	1
1,2,4-Trichlorobenzene	ND		0.50	0.19	ppb v/v			09/16/22 23:46	1
Hexachlorobutadiene	ND		0.20	0.031	ppb v/v			09/16/22 23:46	1

Client Sample ID: SV-3
Date Collected: 09/12/22 13:00
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-3
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.50	0.17	ppb v/v			09/16/22 23:46	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		7.4	1.6	ug/m3			09/17/22 00:40	2.98
Chlorodifluoromethane	ND		5.3	1.2	ug/m3			09/17/22 00:40	2.98
1,2-Dichlorotetrafluoroethane	ND		4.2	1.1	ug/m3			09/17/22 00:40	2.98
Chloromethane	ND		3.1	0.74	ug/m3			09/17/22 00:40	2.98
n-Butane	**21**		3.5	1.3	ug/m3			09/17/22 00:40	2.98
Vinyl chloride	ND		0.60	0.21	ug/m3			09/17/22 00:40	2.98
1,3-Butadiene	ND		1.3	0.25	ug/m3			09/17/22 00:40	2.98
Bromomethane	ND		2.3	0.60	ug/m3			09/17/22 00:40	2.98
Chloroethane	ND		3.9	2.0	ug/m3			09/17/22 00:40	2.98
Bromoethene(Vinyl Bromide)	ND		2.6	1.1	ug/m3			09/17/22 00:40	2.98
Trichlorofluoromethane	ND		3.3	0.87	ug/m3			09/17/22 00:40	2.98
1,1,2-Trichlorotrifluoroethane	ND		4.6	1.3	ug/m3			09/17/22 00:40	2.98
1,1-Dichloroethene	ND		0.60	0.34	ug/m3			09/17/22 00:40	2.98
Acetone	**150**		35	14	ug/m3			09/17/22 00:40	2.98
Isopropyl alcohol	ND		37	7.2	ug/m3			09/17/22 00:40	2.98
Carbon disulfide	**3.0**	**J**	4.6	1.2	ug/m3			09/17/22 00:40	2.98
3-Chloropropene	ND		4.7	1.0	ug/m3			09/17/22 00:40	2.98
Methylene Chloride	ND		5.2	1.8	ug/m3			09/17/22 00:40	2.98
tert-Butyl alcohol	**13**	**J**	45	11	ug/m3			09/17/22 00:40	2.98
Methyl tert-butyl ether	**3.8**		2.1	0.86	ug/m3			09/17/22 00:40	2.98
trans-1,2-Dichloroethene	ND		2.4	1.0	ug/m3			09/17/22 00:40	2.98
n-Hexane	ND		5.3	2.4	ug/m3			09/17/22 00:40	2.98
1,1-Dichloroethane	ND		2.4	0.35	ug/m3			09/17/22 00:40	2.98
Methyl Ethyl Ketone (2-Butanone)	**5.0**		4.4	1.5	ug/m3			09/17/22 00:40	2.98
cis-1,2-Dichloroethene	ND		0.60	0.39	ug/m3			09/17/22 00:40	2.98
Chloroform	ND		2.9	0.67	ug/m3			09/17/22 00:40	2.98
Tetrahydrofuran	ND		44	11	ug/m3			09/17/22 00:40	2.98
1,1,1-Trichloroethane	ND		3.3	0.63	ug/m3			09/17/22 00:40	2.98
Cyclohexane	**1.8**	**J**	2.1	0.36	ug/m3			09/17/22 00:40	2.98
Carbon tetrachloride	ND		0.66	0.60	ug/m3			09/17/22 00:40	2.98
2,2,4-Trimethylpentane	ND		2.8	0.49	ug/m3			09/17/22 00:40	2.98
Benzene	**1.4**	**J**	1.9	0.70	ug/m3			09/17/22 00:40	2.98
1,2-Dichloroethane	ND		2.4	1.8	ug/m3			09/17/22 00:40	2.98
n-Heptane	**1.0**	**J**	2.4	0.72	ug/m3			09/17/22 00:40	2.98
Trichloroethene	**0.94**		0.60	0.38	ug/m3			09/17/22 00:40	2.98
Methyl methacrylate	ND		6.1	2.0	ug/m3			09/17/22 00:40	2.98
1,2-Dichloropropane	ND		2.8	1.2	ug/m3			09/17/22 00:40	2.98
1,4-Dioxane	ND		54	18	ug/m3			09/17/22 00:40	2.98
Bromodichloromethane	ND		4.0	0.80	ug/m3			09/17/22 00:40	2.98
cis-1,3-Dichloropropene	ND		2.7	0.27	ug/m3			09/17/22 00:40	2.98
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		6.1	2.3	ug/m3			09/17/22 00:40	2.98
Toluene	**4.8**		2.2	1.0	ug/m3			09/17/22 00:40	2.98
trans-1,3-Dichloropropene	ND		2.7	1.2	ug/m3			09/17/22 00:40	2.98
1,1,2-Trichloroethane	ND		3.3	0.55	ug/m3			09/17/22 00:40	2.98

Client Sample ID: SV-3
Date Collected: 09/12/22 13:00
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-3
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**2.5**	**J**	4.0	0.55	ug/m3			09/17/22 00:40	2.98
Methyl Butyl Ketone (2-Hexanone)	ND		6.1	2.4	ug/m3			09/17/22 00:40	2.98
Dibromochloromethane	ND		5.1	0.79	ug/m3			09/17/22 00:40	2.98
1,2-Dibromoethane	ND		4.6	1.1	ug/m3			09/17/22 00:40	2.98
Chlorobenzene	ND		2.7	0.59	ug/m3			09/17/22 00:40	2.98
Ethylbenzene	ND		2.6	1.3	ug/m3			09/17/22 00:40	2.98
m,p-Xylene	ND		6.5	2.2	ug/m3			09/17/22 00:40	2.98
o-Xylene	ND		2.6	1.2	ug/m3			09/17/22 00:40	2.98
Styrene	ND		2.5	0.41	ug/m3			09/17/22 00:40	2.98
Bromoform	ND		6.2	1.8	ug/m3			09/17/22 00:40	2.98
Cumene	ND		2.9	0.54	ug/m3			09/17/22 00:40	2.98
1,1,2,2-Tetrachloroethane	ND		4.1	0.88	ug/m3			09/17/22 00:40	2.98
n-Propylbenzene	ND		2.9	0.69	ug/m3			09/17/22 00:40	2.98
4-Ethyltoluene	ND		2.9	0.75	ug/m3			09/17/22 00:40	2.98
1,3,5-Trimethylbenzene	ND		2.9	0.64	ug/m3			09/17/22 00:40	2.98
2-Chlorotoluene	ND		3.1	0.74	ug/m3			09/17/22 00:40	2.98
tert-Butylbenzene	ND		3.3	0.61	ug/m3			09/17/22 00:40	2.98
1,2,4-Trimethylbenzene	ND		2.9	0.69	ug/m3			09/17/22 00:40	2.98
sec-Butylbenzene	ND		3.3	0.64	ug/m3			09/17/22 00:40	2.98
4-Isopropyltoluene	ND		3.3	0.64	ug/m3			09/17/22 00:40	2.98
1,3-Dichlorobenzene	ND		3.6	1.6	ug/m3			09/17/22 00:40	2.98
1,4-Dichlorobenzene	ND		3.6	1.7	ug/m3			09/17/22 00:40	2.98
Benzyl chloride	ND		3.1	1.1	ug/m3			09/17/22 00:40	2.98
n-Butylbenzene	ND		3.3	0.90	ug/m3			09/17/22 00:40	2.98
1,2-Dichlorobenzene	ND		3.6	1.3	ug/m3			09/17/22 00:40	2.98
1,2,4-Trichlorobenzene	ND		11	4.2	ug/m3			09/17/22 00:40	2.98
Hexachlorobutadiene	ND		6.4	0.99	ug/m3			09/17/22 00:40	2.98
Naphthalene	ND		7.8	2.7	ug/m3			09/17/22 00:40	2.98

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		1.5	0.33	ppb v/v			09/17/22 00:40	2.98
Chlorodifluoromethane	ND		1.5	0.33	ppb v/v			09/17/22 00:40	2.98
1,2-Dichlorotetrafluoroethane	ND		0.60	0.16	ppb v/v			09/17/22 00:40	2.98
Chloromethane	ND		1.5	0.36	ppb v/v			09/17/22 00:40	2.98
n-Butane	**9.0**		1.5	0.57	ppb v/v			09/17/22 00:40	2.98
Vinyl chloride	ND		0.23	0.083	ppb v/v			09/17/22 00:40	2.98
1,3-Butadiene	ND		0.60	0.11	ppb v/v			09/17/22 00:40	2.98
Bromomethane	ND		0.60	0.15	ppb v/v			09/17/22 00:40	2.98
Chloroethane	ND		1.5	0.75	ppb v/v			09/17/22 00:40	2.98
Bromoethene(Vinyl Bromide)	ND		0.60	0.25	ppb v/v			09/17/22 00:40	2.98
Trichlorofluoromethane	ND		0.60	0.15	ppb v/v			09/17/22 00:40	2.98
1,1,2-Trichlorotrifluoroethane	ND		0.60	0.16	ppb v/v			09/17/22 00:40	2.98
1,1-Dichloroethene	ND		0.15	0.086	ppb v/v			09/17/22 00:40	2.98
Acetone	**64**		15	6.0	ppb v/v			09/17/22 00:40	2.98
Isopropyl alcohol	ND		15	2.9	ppb v/v			09/17/22 00:40	2.98
Carbon disulfide	**0.97**	**J**	1.5	0.39	ppb v/v			09/17/22 00:40	2.98
3-Chloropropene	ND		1.5	0.33	ppb v/v			09/17/22 00:40	2.98
Methylene Chloride	ND		1.5	0.51	ppb v/v			09/17/22 00:40	2.98
tert-Butyl alcohol	**4.2**	**J**	15	3.6	ppb v/v			09/17/22 00:40	2.98

Client Sample ID: SV-3
Date Collected: 09/12/22 13:00
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-3
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	**1.1**		0.60	0.24	ppb v/v			09/17/22 00:40	2.98
trans-1,2-Dichloroethene	ND		0.60	0.26	ppb v/v			09/17/22 00:40	2.98
n-Hexane	ND		1.5	0.69	ppb v/v			09/17/22 00:40	2.98
1,1-Dichloroethane	ND		0.60	0.086	ppb v/v			09/17/22 00:40	2.98
Methyl Ethyl Ketone (2-Butanone)	**1.7**		1.5	0.51	ppb v/v			09/17/22 00:40	2.98
cis-1,2-Dichloroethene	ND		0.15	0.098	ppb v/v			09/17/22 00:40	2.98
Chloroform	ND		0.60	0.14	ppb v/v			09/17/22 00:40	2.98
Tetrahydrofuran	ND		15	3.6	ppb v/v			09/17/22 00:40	2.98
1,1,1-Trichloroethane	ND		0.60	0.12	ppb v/v			09/17/22 00:40	2.98
Cyclohexane	**0.51**	**J**	0.60	0.10	ppb v/v			09/17/22 00:40	2.98
Carbon tetrachloride	ND		0.10	0.095	ppb v/v			09/17/22 00:40	2.98
2,2,4-Trimethylpentane	ND		0.60	0.10	ppb v/v			09/17/22 00:40	2.98
Benzene	**0.43**	**J**	0.60	0.22	ppb v/v			09/17/22 00:40	2.98
1,2-Dichloroethane	ND		0.60	0.45	ppb v/v			09/17/22 00:40	2.98
n-Heptane	**0.25**	**J**	0.60	0.18	ppb v/v			09/17/22 00:40	2.98
Trichloroethene	**0.17**		0.11	0.072	ppb v/v			09/17/22 00:40	2.98
Methyl methacrylate	ND		1.5	0.48	ppb v/v			09/17/22 00:40	2.98
1,2-Dichloropropane	ND		0.60	0.26	ppb v/v			09/17/22 00:40	2.98
1,4-Dioxane	ND		15	5.1	ppb v/v			09/17/22 00:40	2.98
Bromodichloromethane	ND		0.60	0.12	ppb v/v			09/17/22 00:40	2.98
cis-1,3-Dichloropropene	ND		0.60	0.060	ppb v/v			09/17/22 00:40	2.98
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		1.5	0.57	ppb v/v			09/17/22 00:40	2.98
Toluene	**1.3**		0.60	0.28	ppb v/v			09/17/22 00:40	2.98
trans-1,3-Dichloropropene	ND		0.60	0.27	ppb v/v			09/17/22 00:40	2.98
1,1,2-Trichloroethane	ND		0.60	0.10	ppb v/v			09/17/22 00:40	2.98
Tetrachloroethene	**0.37**	**J**	0.60	0.080	ppb v/v			09/17/22 00:40	2.98
Methyl Butyl Ketone (2-Hexanone)	ND		1.5	0.60	ppb v/v			09/17/22 00:40	2.98
Dibromochloromethane	ND		0.60	0.092	ppb v/v			09/17/22 00:40	2.98
1,2-Dibromoethane	ND		0.60	0.14	ppb v/v			09/17/22 00:40	2.98
Chlorobenzene	ND		0.60	0.13	ppb v/v			09/17/22 00:40	2.98
Ethylbenzene	ND		0.60	0.30	ppb v/v			09/17/22 00:40	2.98
m,p-Xylene	ND		1.5	0.51	ppb v/v			09/17/22 00:40	2.98
o-Xylene	ND		0.60	0.28	ppb v/v			09/17/22 00:40	2.98
Styrene	ND		0.60	0.095	ppb v/v			09/17/22 00:40	2.98
Bromoform	ND		0.60	0.17	ppb v/v			09/17/22 00:40	2.98
Cumene	ND		0.60	0.11	ppb v/v			09/17/22 00:40	2.98
1,1,2,2-Tetrachloroethane	ND		0.60	0.13	ppb v/v			09/17/22 00:40	2.98
n-Propylbenzene	ND		0.60	0.14	ppb v/v			09/17/22 00:40	2.98
4-Ethyltoluene	ND		0.60	0.15	ppb v/v			09/17/22 00:40	2.98
1,3,5-Trimethylbenzene	ND		0.60	0.13	ppb v/v			09/17/22 00:40	2.98
2-Chlorotoluene	ND		0.60	0.14	ppb v/v			09/17/22 00:40	2.98
tert-Butylbenzene	ND		0.60	0.11	ppb v/v			09/17/22 00:40	2.98
1,2,4-Trimethylbenzene	ND		0.60	0.14	ppb v/v			09/17/22 00:40	2.98
sec-Butylbenzene	ND		0.60	0.12	ppb v/v			09/17/22 00:40	2.98
4-Isopropyltoluene	ND		0.60	0.12	ppb v/v			09/17/22 00:40	2.98
1,3-Dichlorobenzene	ND		0.60	0.27	ppb v/v			09/17/22 00:40	2.98
1,4-Dichlorobenzene	ND		0.60	0.28	ppb v/v			09/17/22 00:40	2.98
Benzyl chloride	ND		0.60	0.22	ppb v/v			09/17/22 00:40	2.98

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201630-1

Client Sample ID: SV-3
Date Collected: 09/12/22 13:00
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-3
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		0.60	0.16	ppb v/v			09/17/22 00:40	2.98
1,2-Dichlorobenzene	ND		0.60	0.21	ppb v/v			09/17/22 00:40	2.98
1,2,4-Trichlorobenzene	ND		1.5	0.57	ppb v/v			09/17/22 00:40	2.98
Hexachlorobutadiene	ND		0.60	0.092	ppb v/v			09/17/22 00:40	2.98
Naphthalene	ND		1.5	0.51	ppb v/v			09/17/22 00:40	2.98

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201630-1

Client Sample ID: SV-4
Date Collected: 09/12/22 13:48
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-4
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.1**	**J**	2.5	0.54	ug/m3			09/17/22 01:34	1
Chlorodifluoromethane	**2.5**		1.8	0.39	ug/m3			09/17/22 01:34	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.38	ug/m3			09/17/22 01:34	1
Chloromethane	**0.69**	**J**	1.0	0.25	ug/m3			09/17/22 01:34	1
n-Butane	**4.0**		1.2	0.45	ug/m3			09/17/22 01:34	1
Vinyl chloride	ND		0.20	0.072	ug/m3			09/17/22 01:34	1
1,3-Butadiene	ND		0.44	0.084	ug/m3			09/17/22 01:34	1
Bromomethane	ND		0.78	0.20	ug/m3			09/17/22 01:34	1
Chloroethane	ND		1.3	0.66	ug/m3			09/17/22 01:34	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.37	ug/m3			09/17/22 01:34	1
Trichlorofluoromethane	**0.99**	**J**	1.1	0.29	ug/m3			09/17/22 01:34	1
1,1,2-Trichlorotrifluoroethane	ND		1.5	0.42	ug/m3			09/17/22 01:34	1
1,1-Dichloroethene	ND		0.20	0.11	ug/m3			09/17/22 01:34	1
Acetone	**130**	**E**	12	4.8	ug/m3			09/17/22 01:34	1
Isopropyl alcohol	**3.0**	**J**	12	2.4	ug/m3			09/17/22 01:34	1
Carbon disulfide	**9.8**		1.6	0.40	ug/m3			09/17/22 01:34	1
3-Chloropropene	ND		1.6	0.34	ug/m3			09/17/22 01:34	1
Methylene Chloride	ND		1.7	0.59	ug/m3			09/17/22 01:34	1
tert-Butyl alcohol	**12**	**J**	15	3.6	ug/m3			09/17/22 01:34	1
Methyl tert-butyl ether	ND		0.72	0.29	ug/m3			09/17/22 01:34	1
trans-1,2-Dichloroethene	ND		0.79	0.35	ug/m3			09/17/22 01:34	1
n-Hexane	**1.1**	**J**	1.8	0.81	ug/m3			09/17/22 01:34	1
1,1-Dichloroethane	ND		0.81	0.12	ug/m3			09/17/22 01:34	1
Methyl Ethyl Ketone (2-Butanone)	**5.0**		1.5	0.50	ug/m3			09/17/22 01:34	1
cis-1,2-Dichloroethene	ND		0.20	0.13	ug/m3			09/17/22 01:34	1
Chloroform	ND		0.98	0.22	ug/m3			09/17/22 01:34	1
Tetrahydrofuran	ND		15	3.5	ug/m3			09/17/22 01:34	1
1,1,1-Trichloroethane	ND		1.1	0.21	ug/m3			09/17/22 01:34	1
Cyclohexane	**0.53**	**J**	0.69	0.12	ug/m3			09/17/22 01:34	1
Carbon tetrachloride	**0.25**		0.22	0.20	ug/m3			09/17/22 01:34	1
2,2,4-Trimethylpentane	ND		0.93	0.16	ug/m3			09/17/22 01:34	1
Benzene	**0.86**		0.64	0.24	ug/m3			09/17/22 01:34	1
1,2-Dichloroethane	ND		0.81	0.61	ug/m3			09/17/22 01:34	1
n-Heptane	**1.4**		0.82	0.24	ug/m3			09/17/22 01:34	1
Trichloroethene	ND		0.20	0.13	ug/m3			09/17/22 01:34	1
Methyl methacrylate	ND		2.0	0.66	ug/m3			09/17/22 01:34	1
1,2-Dichloropropane	ND		0.92	0.40	ug/m3			09/17/22 01:34	1
1,4-Dioxane	ND		18	6.1	ug/m3			09/17/22 01:34	1
Bromodichloromethane	ND		1.3	0.27	ug/m3			09/17/22 01:34	1
cis-1,3-Dichloropropene	ND		0.91	0.091	ug/m3			09/17/22 01:34	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.78	ug/m3			09/17/22 01:34	1
Toluene	**4.8**		0.75	0.35	ug/m3			09/17/22 01:34	1
trans-1,3-Dichloropropene	ND		0.91	0.40	ug/m3			09/17/22 01:34	1
1,1,2-Trichloroethane	ND		1.1	0.19	ug/m3			09/17/22 01:34	1
Tetrachloroethene	**0.34**	**J**	1.4	0.18	ug/m3			09/17/22 01:34	1
Methyl Butyl Ketone (2-Hexanone)	**1.6**	**J**	2.0	0.82	ug/m3			09/17/22 01:34	1
Dibromochloromethane	ND		1.7	0.26	ug/m3			09/17/22 01:34	1
1,2-Dibromoethane	ND		1.5	0.35	ug/m3			09/17/22 01:34	1

Client Sample ID: SV-4
Date Collected: 09/12/22 13:48
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-4
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.92	0.20	ug/m3			09/17/22 01:34	1
Ethylbenzene	ND		0.87	0.43	ug/m3			09/17/22 01:34	1
m,p-Xylene	**1.0**	**J**	2.2	0.74	ug/m3			09/17/22 01:34	1
o-Xylene	ND		0.87	0.41	ug/m3			09/17/22 01:34	1
Styrene	**0.18**	**J**	0.85	0.14	ug/m3			09/17/22 01:34	1
Bromoform	ND		2.1	0.60	ug/m3			09/17/22 01:34	1
Cumene	ND		0.98	0.18	ug/m3			09/17/22 01:34	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.30	ug/m3			09/17/22 01:34	1
n-Propylbenzene	ND		0.98	0.23	ug/m3			09/17/22 01:34	1
4-Ethyltoluene	ND		0.98	0.25	ug/m3			09/17/22 01:34	1
1,3,5-Trimethylbenzene	ND		0.98	0.22	ug/m3			09/17/22 01:34	1
2-Chlorotoluene	ND		1.0	0.25	ug/m3			09/17/22 01:34	1
tert-Butylbenzene	ND		1.1	0.20	ug/m3			09/17/22 01:34	1
1,2,4-Trimethylbenzene	**0.42**	**J**	0.98	0.23	ug/m3			09/17/22 01:34	1
sec-Butylbenzene	ND		1.1	0.21	ug/m3			09/17/22 01:34	1
4-Isopropyltoluene	**0.46**	**J**	1.1	0.21	ug/m3			09/17/22 01:34	1
1,3-Dichlorobenzene	**1.3**		1.2	0.54	ug/m3			09/17/22 01:34	1
1,4-Dichlorobenzene	ND		1.2	0.57	ug/m3			09/17/22 01:34	1
Benzyl chloride	ND		1.0	0.38	ug/m3			09/17/22 01:34	1
n-Butylbenzene	ND		1.1	0.30	ug/m3			09/17/22 01:34	1
1,2-Dichlorobenzene	ND		1.2	0.42	ug/m3			09/17/22 01:34	1
1,2,4-Trichlorobenzene	ND		3.7	1.4	ug/m3			09/17/22 01:34	1
Hexachlorobutadiene	ND		2.1	0.33	ug/m3			09/17/22 01:34	1
Naphthalene	ND		2.6	0.89	ug/m3			09/17/22 01:34	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.43**	**J**	0.50	0.11	ppb v/v			09/17/22 01:34	1
Chlorodifluoromethane	**0.70**		0.50	0.11	ppb v/v			09/17/22 01:34	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.055	ppb v/v			09/17/22 01:34	1
Chloromethane	**0.33**	**J**	0.50	0.12	ppb v/v			09/17/22 01:34	1
n-Butane	**1.7**		0.50	0.19	ppb v/v			09/17/22 01:34	1
Vinyl chloride	ND		0.078	0.028	ppb v/v			09/17/22 01:34	1
1,3-Butadiene	ND		0.20	0.038	ppb v/v			09/17/22 01:34	1
Bromomethane	ND		0.20	0.052	ppb v/v			09/17/22 01:34	1
Chloroethane	ND		0.50	0.25	ppb v/v			09/17/22 01:34	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.085	ppb v/v			09/17/22 01:34	1
Trichlorofluoromethane	**0.18**	**J**	0.20	0.052	ppb v/v			09/17/22 01:34	1
1,1,2-Trichlorotrifluoroethane	ND		0.20	0.055	ppb v/v			09/17/22 01:34	1
1,1-Dichloroethene	ND		0.050	0.029	ppb v/v			09/17/22 01:34	1
Acetone	**56**	**E**	5.0	2.0	ppb v/v			09/17/22 01:34	1
Isopropyl alcohol	**1.2**	**J**	5.0	0.98	ppb v/v			09/17/22 01:34	1
Carbon disulfide	**3.1**		0.50	0.13	ppb v/v			09/17/22 01:34	1
3-Chloropropene	ND		0.50	0.11	ppb v/v			09/17/22 01:34	1
Methylene Chloride	ND		0.50	0.17	ppb v/v			09/17/22 01:34	1
tert-Butyl alcohol	**4.1**	**J**	5.0	1.2	ppb v/v			09/17/22 01:34	1
Methyl tert-butyl ether	ND		0.20	0.080	ppb v/v			09/17/22 01:34	1
trans-1,2-Dichloroethene	ND		0.20	0.088	ppb v/v			09/17/22 01:34	1
n-Hexane	**0.30**	**J**	0.50	0.23	ppb v/v			09/17/22 01:34	1
1,1-Dichloroethane	ND		0.20	0.029	ppb v/v			09/17/22 01:34	1

Client Sample ID: SV-4
Date Collected: 09/12/22 13:48
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-4
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	**1.7**		0.50	0.17	ppb v/v			09/17/22 01:34	1
cis-1,2-Dichloroethene	ND		0.050	0.033	ppb v/v			09/17/22 01:34	1
Chloroform	ND		0.20	0.046	ppb v/v			09/17/22 01:34	1
Tetrahydrofuran	ND		5.0	1.2	ppb v/v			09/17/22 01:34	1
1,1,1-Trichloroethane	ND		0.20	0.039	ppb v/v			09/17/22 01:34	1
Cyclohexane	**0.15**	**J**	0.20	0.035	ppb v/v			09/17/22 01:34	1
Carbon tetrachloride	**0.040**		0.035	0.032	ppb v/v			09/17/22 01:34	1
2,2,4-Trimethylpentane	ND		0.20	0.035	ppb v/v			09/17/22 01:34	1
Benzene	**0.27**		0.20	0.074	ppb v/v			09/17/22 01:34	1
1,2-Dichloroethane	ND		0.20	0.15	ppb v/v			09/17/22 01:34	1
n-Heptane	**0.34**		0.20	0.059	ppb v/v			09/17/22 01:34	1
Trichloroethene	ND		0.037	0.024	ppb v/v			09/17/22 01:34	1
Methyl methacrylate	ND		0.50	0.16	ppb v/v			09/17/22 01:34	1
1,2-Dichloropropane	ND		0.20	0.087	ppb v/v			09/17/22 01:34	1
1,4-Dioxane	ND		5.0	1.7	ppb v/v			09/17/22 01:34	1
Bromodichloromethane	ND		0.20	0.040	ppb v/v			09/17/22 01:34	1
cis-1,3-Dichloropropene	ND		0.20	0.020	ppb v/v			09/17/22 01:34	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.19	ppb v/v			09/17/22 01:34	1
Toluene	**1.3**		0.20	0.093	ppb v/v			09/17/22 01:34	1
trans-1,3-Dichloropropene	ND		0.20	0.089	ppb v/v			09/17/22 01:34	1
1,1,2-Trichloroethane	ND		0.20	0.034	ppb v/v			09/17/22 01:34	1
Tetrachloroethene	**0.051**	**J**	0.20	0.027	ppb v/v			09/17/22 01:34	1
Methyl Butyl Ketone (2-Hexanone)	**0.38**	**J**	0.50	0.20	ppb v/v			09/17/22 01:34	1
Dibromochloromethane	ND		0.20	0.031	ppb v/v			09/17/22 01:34	1
1,2-Dibromoethane	ND		0.20	0.046	ppb v/v			09/17/22 01:34	1
Chlorobenzene	ND		0.20	0.043	ppb v/v			09/17/22 01:34	1
Ethylbenzene	ND		0.20	0.10	ppb v/v			09/17/22 01:34	1
m,p-Xylene	**0.24**	**J**	0.50	0.17	ppb v/v			09/17/22 01:34	1
o-Xylene	ND		0.20	0.094	ppb v/v			09/17/22 01:34	1
Styrene	**0.043**	**J**	0.20	0.032	ppb v/v			09/17/22 01:34	1
Bromoform	ND		0.20	0.058	ppb v/v			09/17/22 01:34	1
Cumene	ND		0.20	0.037	ppb v/v			09/17/22 01:34	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.043	ppb v/v			09/17/22 01:34	1
n-Propylbenzene	ND		0.20	0.047	ppb v/v			09/17/22 01:34	1
4-Ethyltoluene	ND		0.20	0.051	ppb v/v			09/17/22 01:34	1
1,3,5-Trimethylbenzene	ND		0.20	0.044	ppb v/v			09/17/22 01:34	1
2-Chlorotoluene	ND		0.20	0.048	ppb v/v			09/17/22 01:34	1
tert-Butylbenzene	ND		0.20	0.037	ppb v/v			09/17/22 01:34	1
1,2,4-Trimethylbenzene	**0.085**	**J**	0.20	0.047	ppb v/v			09/17/22 01:34	1
sec-Butylbenzene	ND		0.20	0.039	ppb v/v			09/17/22 01:34	1
4-Isopropyltoluene	**0.084**	**J**	0.20	0.039	ppb v/v			09/17/22 01:34	1
1,3-Dichlorobenzene	**0.22**		0.20	0.089	ppb v/v			09/17/22 01:34	1
1,4-Dichlorobenzene	ND		0.20	0.095	ppb v/v			09/17/22 01:34	1
Benzyl chloride	ND		0.20	0.074	ppb v/v			09/17/22 01:34	1
n-Butylbenzene	ND		0.20	0.055	ppb v/v			09/17/22 01:34	1
1,2-Dichlorobenzene	ND		0.20	0.070	ppb v/v			09/17/22 01:34	1
1,2,4-Trichlorobenzene	ND		0.50	0.19	ppb v/v			09/17/22 01:34	1
Hexachlorobutadiene	ND		0.20	0.031	ppb v/v			09/17/22 01:34	1

Client Sample ID: SV-4
Date Collected: 09/12/22 13:48
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-4
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.50	0.17	ppb v/v			09/17/22 01:34	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		9.9	2.2	ug/m3			09/17/22 02:28	4
Chlorodifluoromethane	**2.6**	**J**	7.1	1.6	ug/m3			09/17/22 02:28	4
1,2-Dichlorotetrafluoroethane	ND		5.6	1.5	ug/m3			09/17/22 02:28	4
Chloromethane	ND		4.1	0.99	ug/m3			09/17/22 02:28	4
n-Butane	**4.5**	**J**	4.8	1.8	ug/m3			09/17/22 02:28	4
Vinyl chloride	ND		0.80	0.29	ug/m3			09/17/22 02:28	4
1,3-Butadiene	ND		1.8	0.34	ug/m3			09/17/22 02:28	4
Bromomethane	ND		3.1	0.81	ug/m3			09/17/22 02:28	4
Chloroethane	ND		5.3	2.6	ug/m3			09/17/22 02:28	4
Bromoethene(Vinyl Bromide)	ND		3.5	1.5	ug/m3			09/17/22 02:28	4
Trichlorofluoromethane	ND		4.5	1.2	ug/m3			09/17/22 02:28	4
1,1,2-Trichlorotrifluoroethane	ND		6.1	1.7	ug/m3			09/17/22 02:28	4
1,1-Dichloroethene	ND		0.80	0.46	ug/m3			09/17/22 02:28	4
Acetone	**150**		48	19	ug/m3			09/17/22 02:28	4
Isopropyl alcohol	ND		49	9.6	ug/m3			09/17/22 02:28	4
Carbon disulfide	**12**		6.2	1.6	ug/m3			09/17/22 02:28	4
3-Chloropropene	ND		6.3	1.4	ug/m3			09/17/22 02:28	4
Methylene Chloride	ND		6.9	2.4	ug/m3			09/17/22 02:28	4
tert-Butyl alcohol	**15**	**J**	61	15	ug/m3			09/17/22 02:28	4
Methyl tert-butyl ether	ND		2.9	1.2	ug/m3			09/17/22 02:28	4
trans-1,2-Dichloroethene	ND		3.2	1.4	ug/m3			09/17/22 02:28	4
n-Hexane	ND		7.0	3.2	ug/m3			09/17/22 02:28	4
1,1-Dichloroethane	ND		3.2	0.47	ug/m3			09/17/22 02:28	4
Methyl Ethyl Ketone (2-Butanone)	**5.3**	**J**	5.9	2.0	ug/m3			09/17/22 02:28	4
cis-1,2-Dichloroethene	ND		0.80	0.52	ug/m3			09/17/22 02:28	4
Chloroform	ND		3.9	0.90	ug/m3			09/17/22 02:28	4
Tetrahydrofuran	ND		59	14	ug/m3			09/17/22 02:28	4
1,1,1-Trichloroethane	ND		4.4	0.85	ug/m3			09/17/22 02:28	4
Cyclohexane	**0.54**	**J**	2.8	0.48	ug/m3			09/17/22 02:28	4
Carbon tetrachloride	ND		0.88	0.81	ug/m3			09/17/22 02:28	4
2,2,4-Trimethylpentane	ND		3.7	0.65	ug/m3			09/17/22 02:28	4
Benzene	**1.1**	**J**	2.6	0.95	ug/m3			09/17/22 02:28	4
1,2-Dichloroethane	ND		3.2	2.4	ug/m3			09/17/22 02:28	4
n-Heptane	**1.5**	**J**	3.3	0.97	ug/m3			09/17/22 02:28	4
Trichloroethene	ND		0.80	0.52	ug/m3			09/17/22 02:28	4
Methyl methacrylate	ND		8.2	2.6	ug/m3			09/17/22 02:28	4
1,2-Dichloropropane	ND		3.7	1.6	ug/m3			09/17/22 02:28	4
1,4-Dioxane	ND		72	25	ug/m3			09/17/22 02:28	4
Bromodichloromethane	ND		5.4	1.1	ug/m3			09/17/22 02:28	4
cis-1,3-Dichloropropene	ND		3.6	0.36	ug/m3			09/17/22 02:28	4
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		8.2	3.1	ug/m3			09/17/22 02:28	4
Toluene	**5.5**		3.0	1.4	ug/m3			09/17/22 02:28	4
trans-1,3-Dichloropropene	ND		3.6	1.6	ug/m3			09/17/22 02:28	4
1,1,2-Trichloroethane	ND		4.4	0.74	ug/m3			09/17/22 02:28	4

Client Sample ID: SV-4
Date Collected: 09/12/22 13:48
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-4
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		5.4	0.73	ug/m3			09/17/22 02:28	4
Methyl Butyl Ketone (2-Hexanone)	ND		8.2	3.3	ug/m3			09/17/22 02:28	4
Dibromochloromethane	ND		6.8	1.1	ug/m3			09/17/22 02:28	4
1,2-Dibromoethane	ND		6.1	1.4	ug/m3			09/17/22 02:28	4
Chlorobenzene	ND		3.7	0.79	ug/m3			09/17/22 02:28	4
Ethylbenzene	ND		3.5	1.7	ug/m3			09/17/22 02:28	4
m,p-Xylene	ND		8.7	3.0	ug/m3			09/17/22 02:28	4
o-Xylene	ND		3.5	1.6	ug/m3			09/17/22 02:28	4
Styrene	ND		3.4	0.55	ug/m3			09/17/22 02:28	4
Bromoform	ND		8.3	2.4	ug/m3			09/17/22 02:28	4
Cumene	ND		3.9	0.73	ug/m3			09/17/22 02:28	4
1,1,2,2-Tetrachloroethane	ND		5.5	1.2	ug/m3			09/17/22 02:28	4
n-Propylbenzene	ND		3.9	0.92	ug/m3			09/17/22 02:28	4
4-Ethyltoluene	ND		3.9	1.0	ug/m3			09/17/22 02:28	4
1,3,5-Trimethylbenzene	ND		3.9	0.87	ug/m3			09/17/22 02:28	4
2-Chlorotoluene	ND		4.1	0.99	ug/m3			09/17/22 02:28	4
tert-Butylbenzene	ND		4.4	0.81	ug/m3			09/17/22 02:28	4
1,2,4-Trimethylbenzene	ND		3.9	0.92	ug/m3			09/17/22 02:28	4
sec-Butylbenzene	ND		4.4	0.86	ug/m3			09/17/22 02:28	4
4-Isopropyltoluene	ND		4.4	0.86	ug/m3			09/17/22 02:28	4
1,3-Dichlorobenzene	ND		4.8	2.1	ug/m3			09/17/22 02:28	4
1,4-Dichlorobenzene	ND		4.8	2.3	ug/m3			09/17/22 02:28	4
Benzyl chloride	ND		4.1	1.5	ug/m3			09/17/22 02:28	4
n-Butylbenzene	ND		4.4	1.2	ug/m3			09/17/22 02:28	4
1,2-Dichlorobenzene	ND		4.8	1.7	ug/m3			09/17/22 02:28	4
1,2,4-Trichlorobenzene	ND		15	5.6	ug/m3			09/17/22 02:28	4
Hexachlorobutadiene	ND		8.5	1.3	ug/m3			09/17/22 02:28	4
Naphthalene	ND		10	3.6	ug/m3			09/17/22 02:28	4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.0	0.44	ppb v/v			09/17/22 02:28	4
Chlorodifluoromethane	**0.74**	**J**	2.0	0.44	ppb v/v			09/17/22 02:28	4
1,2-Dichlorotetrafluoroethane	ND		0.80	0.22	ppb v/v			09/17/22 02:28	4
Chloromethane	ND		2.0	0.48	ppb v/v			09/17/22 02:28	4
n-Butane	**1.9**	**J**	2.0	0.76	ppb v/v			09/17/22 02:28	4
Vinyl chloride	ND		0.31	0.11	ppb v/v			09/17/22 02:28	4
1,3-Butadiene	ND		0.80	0.15	ppb v/v			09/17/22 02:28	4
Bromomethane	ND		0.80	0.21	ppb v/v			09/17/22 02:28	4
Chloroethane	ND		2.0	1.0	ppb v/v			09/17/22 02:28	4
Bromoethene(Vinyl Bromide)	ND		0.80	0.34	ppb v/v			09/17/22 02:28	4
Trichlorofluoromethane	ND		0.80	0.21	ppb v/v			09/17/22 02:28	4
1,1,2-Trichlorotrifluoroethane	ND		0.80	0.22	ppb v/v			09/17/22 02:28	4
1,1-Dichloroethene	ND		0.20	0.12	ppb v/v			09/17/22 02:28	4
Acetone	**65**		20	8.0	ppb v/v			09/17/22 02:28	4
Isopropyl alcohol	ND		20	3.9	ppb v/v			09/17/22 02:28	4
Carbon disulfide	**3.9**		2.0	0.52	ppb v/v			09/17/22 02:28	4
3-Chloropropene	ND		2.0	0.44	ppb v/v			09/17/22 02:28	4
Methylene Chloride	ND		2.0	0.68	ppb v/v			09/17/22 02:28	4
tert-Butyl alcohol	**4.9**	**J**	20	4.8	ppb v/v			09/17/22 02:28	4

Client Sample ID: SV-4
Date Collected: 09/12/22 13:48
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-4
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.80	0.32	ppb v/v			09/17/22 02:28	4
trans-1,2-Dichloroethene	ND		0.80	0.35	ppb v/v			09/17/22 02:28	4
n-Hexane	ND		2.0	0.92	ppb v/v			09/17/22 02:28	4
1,1-Dichloroethane	ND		0.80	0.12	ppb v/v			09/17/22 02:28	4
Methyl Ethyl Ketone (2-Butanone)	**1.8**	**J**	2.0	0.68	ppb v/v			09/17/22 02:28	4
cis-1,2-Dichloroethene	ND		0.20	0.13	ppb v/v			09/17/22 02:28	4
Chloroform	ND		0.80	0.18	ppb v/v			09/17/22 02:28	4
Tetrahydrofuran	ND		20	4.8	ppb v/v			09/17/22 02:28	4
1,1,1-Trichloroethane	ND		0.80	0.16	ppb v/v			09/17/22 02:28	4
Cyclohexane	**0.16**	**J**	0.80	0.14	ppb v/v			09/17/22 02:28	4
Carbon tetrachloride	ND		0.14	0.13	ppb v/v			09/17/22 02:28	4
2,2,4-Trimethylpentane	ND		0.80	0.14	ppb v/v			09/17/22 02:28	4
Benzene	**0.34**	**J**	0.80	0.30	ppb v/v			09/17/22 02:28	4
1,2-Dichloroethane	ND		0.80	0.60	ppb v/v			09/17/22 02:28	4
n-Heptane	**0.36**	**J**	0.80	0.24	ppb v/v			09/17/22 02:28	4
Trichloroethene	ND		0.15	0.096	ppb v/v			09/17/22 02:28	4
Methyl methacrylate	ND		2.0	0.64	ppb v/v			09/17/22 02:28	4
1,2-Dichloropropane	ND		0.80	0.35	ppb v/v			09/17/22 02:28	4
1,4-Dioxane	ND		20	6.8	ppb v/v			09/17/22 02:28	4
Bromodichloromethane	ND		0.80	0.16	ppb v/v			09/17/22 02:28	4
cis-1,3-Dichloropropene	ND		0.80	0.080	ppb v/v			09/17/22 02:28	4
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.76	ppb v/v			09/17/22 02:28	4
Toluene	**1.5**		0.80	0.37	ppb v/v			09/17/22 02:28	4
trans-1,3-Dichloropropene	ND		0.80	0.36	ppb v/v			09/17/22 02:28	4
1,1,2-Trichloroethane	ND		0.80	0.14	ppb v/v			09/17/22 02:28	4
Tetrachloroethene	ND		0.80	0.11	ppb v/v			09/17/22 02:28	4
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.80	ppb v/v			09/17/22 02:28	4
Dibromochloromethane	ND		0.80	0.12	ppb v/v			09/17/22 02:28	4
1,2-Dibromoethane	ND		0.80	0.18	ppb v/v			09/17/22 02:28	4
Chlorobenzene	ND		0.80	0.17	ppb v/v			09/17/22 02:28	4
Ethylbenzene	ND		0.80	0.40	ppb v/v			09/17/22 02:28	4
m,p-Xylene	ND		2.0	0.68	ppb v/v			09/17/22 02:28	4
o-Xylene	ND		0.80	0.38	ppb v/v			09/17/22 02:28	4
Styrene	ND		0.80	0.13	ppb v/v			09/17/22 02:28	4
Bromoform	ND		0.80	0.23	ppb v/v			09/17/22 02:28	4
Cumene	ND		0.80	0.15	ppb v/v			09/17/22 02:28	4
1,1,2,2-Tetrachloroethane	ND		0.80	0.17	ppb v/v			09/17/22 02:28	4
n-Propylbenzene	ND		0.80	0.19	ppb v/v			09/17/22 02:28	4
4-Ethyltoluene	ND		0.80	0.20	ppb v/v			09/17/22 02:28	4
1,3,5-Trimethylbenzene	ND		0.80	0.18	ppb v/v			09/17/22 02:28	4
2-Chlorotoluene	ND		0.80	0.19	ppb v/v			09/17/22 02:28	4
tert-Butylbenzene	ND		0.80	0.15	ppb v/v			09/17/22 02:28	4
1,2,4-Trimethylbenzene	ND		0.80	0.19	ppb v/v			09/17/22 02:28	4
sec-Butylbenzene	ND		0.80	0.16	ppb v/v			09/17/22 02:28	4
4-Isopropyltoluene	ND		0.80	0.16	ppb v/v			09/17/22 02:28	4
1,3-Dichlorobenzene	ND		0.80	0.36	ppb v/v			09/17/22 02:28	4
1,4-Dichlorobenzene	ND		0.80	0.38	ppb v/v			09/17/22 02:28	4
Benzyl chloride	ND		0.80	0.30	ppb v/v			09/17/22 02:28	4

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201630-1

Client Sample ID: SV-4
Date Collected: 09/12/22 13:48
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-4
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		0.80	0.22	ppb v/v			09/17/22 02:28	4
1,2-Dichlorobenzene	ND		0.80	0.28	ppb v/v			09/17/22 02:28	4
1,2,4-Trichlorobenzene	ND		2.0	0.76	ppb v/v			09/17/22 02:28	4
Hexachlorobutadiene	ND		0.80	0.12	ppb v/v			09/17/22 02:28	4
Naphthalene	ND		2.0	0.68	ppb v/v			09/17/22 02:28	4

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201630-1

Client Sample ID: OA-1
Date Collected: 09/12/22 14:28
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-5
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**2.6**		2.5	0.54	ug/m3			09/15/22 16:40	1
Chlorodifluoromethane	**3.4**		1.8	0.39	ug/m3			09/15/22 16:40	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.38	ug/m3			09/15/22 16:40	1
Chloromethane	**0.97**	**J**	1.0	0.25	ug/m3			09/15/22 16:40	1
n-Butane	**1.8**		1.2	0.45	ug/m3			09/15/22 16:40	1
Vinyl chloride	ND		0.20	0.072	ug/m3			09/15/22 16:40	1
1,3-Butadiene	ND		0.44	0.084	ug/m3			09/15/22 16:40	1
Bromomethane	ND		0.78	0.20	ug/m3			09/15/22 16:40	1
Chloroethane	ND		1.3	0.66	ug/m3			09/15/22 16:40	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.37	ug/m3			09/15/22 16:40	1
Trichlorofluoromethane	**1.2**		1.1	0.29	ug/m3			09/15/22 16:40	1
1,1,2-Trichlorotrifluoroethane	**0.47**	**J**	1.5	0.42	ug/m3			09/15/22 16:40	1
1,1-Dichloroethene	ND		0.20	0.11	ug/m3			09/15/22 16:40	1
Acetone	**33**		12	4.8	ug/m3			09/15/22 16:40	1
Isopropyl alcohol	**18**		12	2.4	ug/m3			09/15/22 16:40	1
Carbon disulfide	ND		1.6	0.40	ug/m3			09/15/22 16:40	1
3-Chloropropene	ND		1.6	0.34	ug/m3			09/15/22 16:40	1
Methylene Chloride	ND		1.7	0.59	ug/m3			09/15/22 16:40	1
tert-Butyl alcohol	ND		15	3.6	ug/m3			09/15/22 16:40	1
Methyl tert-butyl ether	ND		0.72	0.29	ug/m3			09/15/22 16:40	1
trans-1,2-Dichloroethene	ND		0.79	0.35	ug/m3			09/15/22 16:40	1
n-Hexane	**1.7**	**J**	1.8	0.81	ug/m3			09/15/22 16:40	1
1,1-Dichloroethane	ND		0.81	0.12	ug/m3			09/15/22 16:40	1
Methyl Ethyl Ketone (2-Butanone)	**10**		1.5	0.50	ug/m3			09/15/22 16:40	1
cis-1,2-Dichloroethene	ND		0.20	0.13	ug/m3			09/15/22 16:40	1
Chloroform	ND		0.98	0.22	ug/m3			09/15/22 16:40	1
Tetrahydrofuran	ND		15	3.5	ug/m3			09/15/22 16:40	1
1,1,1-Trichloroethane	ND		1.1	0.21	ug/m3			09/15/22 16:40	1
Cyclohexane	**1.7**		0.69	0.12	ug/m3			09/15/22 16:40	1
Carbon tetrachloride	**0.33**		0.22	0.20	ug/m3			09/15/22 16:40	1
2,2,4-Trimethylpentane	**0.59**	**J**	0.93	0.16	ug/m3			09/15/22 16:40	1
Benzene	**0.39**	**J**	0.64	0.24	ug/m3			09/15/22 16:40	1
1,2-Dichloroethane	ND		0.81	0.61	ug/m3			09/15/22 16:40	1
n-Heptane	**1.3**		0.82	0.24	ug/m3			09/15/22 16:40	1
Trichloroethene	ND		0.20	0.13	ug/m3			09/15/22 16:40	1
Methyl methacrylate	ND		2.0	0.66	ug/m3			09/15/22 16:40	1
1,2-Dichloropropane	ND		0.92	0.40	ug/m3			09/15/22 16:40	1
1,4-Dioxane	ND		18	6.1	ug/m3			09/15/22 16:40	1
Bromodichloromethane	ND		1.3	0.27	ug/m3			09/15/22 16:40	1
cis-1,3-Dichloropropene	ND		0.91	0.091	ug/m3			09/15/22 16:40	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**2.2**		2.0	0.78	ug/m3			09/15/22 16:40	1
Toluene	**2.1**		0.75	0.35	ug/m3			09/15/22 16:40	1
trans-1,3-Dichloropropene	ND		0.91	0.40	ug/m3			09/15/22 16:40	1
1,1,2-Trichloroethane	ND		1.1	0.19	ug/m3			09/15/22 16:40	1
Tetrachloroethene	**0.50**	**J**	1.4	0.18	ug/m3			09/15/22 16:40	1
Methyl Butyl Ketone (2-Hexanone)	**3.0**		2.0	0.82	ug/m3			09/15/22 16:40	1
Dibromochloromethane	ND		1.7	0.26	ug/m3			09/15/22 16:40	1
1,2-Dibromoethane	ND		1.5	0.35	ug/m3			09/15/22 16:40	1

Client Sample ID: OA-1
Date Collected: 09/12/22 14:28
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-5
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.92	0.20	ug/m3			09/15/22 16:40	1
Ethylbenzene	ND		0.87	0.43	ug/m3			09/15/22 16:40	1
m,p-Xylene	**1.4**	**J**	2.2	0.74	ug/m3			09/15/22 16:40	1
o-Xylene	**0.42**	**J**	0.87	0.41	ug/m3			09/15/22 16:40	1
Styrene	**0.15**	**J**	0.85	0.14	ug/m3			09/15/22 16:40	1
Bromoform	ND		2.1	0.60	ug/m3			09/15/22 16:40	1
Cumene	ND		0.98	0.18	ug/m3			09/15/22 16:40	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.30	ug/m3			09/15/22 16:40	1
n-Propylbenzene	ND		0.98	0.23	ug/m3			09/15/22 16:40	1
4-Ethyltoluene	ND		0.98	0.25	ug/m3			09/15/22 16:40	1
1,3,5-Trimethylbenzene	ND		0.98	0.22	ug/m3			09/15/22 16:40	1
2-Chlorotoluene	ND		1.0	0.25	ug/m3			09/15/22 16:40	1
tert-Butylbenzene	ND		1.1	0.20	ug/m3			09/15/22 16:40	1
1,2,4-Trimethylbenzene	**0.55**	**J**	0.98	0.23	ug/m3			09/15/22 16:40	1
sec-Butylbenzene	ND		1.1	0.21	ug/m3			09/15/22 16:40	1
4-Isopropyltoluene	**0.79**	**J**	1.1	0.21	ug/m3			09/15/22 16:40	1
1,3-Dichlorobenzene	ND		1.2	0.54	ug/m3			09/15/22 16:40	1
1,4-Dichlorobenzene	ND		1.2	0.57	ug/m3			09/15/22 16:40	1
Benzyl chloride	ND		1.0	0.38	ug/m3			09/15/22 16:40	1
n-Butylbenzene	ND		1.1	0.30	ug/m3			09/15/22 16:40	1
1,2-Dichlorobenzene	ND		1.2	0.42	ug/m3			09/15/22 16:40	1
1,2,4-Trichlorobenzene	ND		3.7	1.4	ug/m3			09/15/22 16:40	1
Hexachlorobutadiene	ND		2.1	0.33	ug/m3			09/15/22 16:40	1
Naphthalene	ND		2.6	0.89	ug/m3			09/15/22 16:40	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	**0.52**		0.50	0.11	ppb v/v			09/15/22 16:40	1
Chlorodifluoromethane	**0.97**		0.50	0.11	ppb v/v			09/15/22 16:40	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.055	ppb v/v			09/15/22 16:40	1
Chloromethane	**0.47**	**J**	0.50	0.12	ppb v/v			09/15/22 16:40	1
n-Butane	**0.75**		0.50	0.19	ppb v/v			09/15/22 16:40	1
Vinyl chloride	ND		0.078	0.028	ppb v/v			09/15/22 16:40	1
1,3-Butadiene	ND		0.20	0.038	ppb v/v			09/15/22 16:40	1
Bromomethane	ND		0.20	0.052	ppb v/v			09/15/22 16:40	1
Chloroethane	ND		0.50	0.25	ppb v/v			09/15/22 16:40	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.085	ppb v/v			09/15/22 16:40	1
Trichlorofluoromethane	**0.22**		0.20	0.052	ppb v/v			09/15/22 16:40	1
1,1,2-Trichlorotrifluoroethane	**0.061**	**J**	0.20	0.055	ppb v/v			09/15/22 16:40	1
1,1-Dichloroethene	ND		0.050	0.029	ppb v/v			09/15/22 16:40	1
Acetone	**14**		5.0	2.0	ppb v/v			09/15/22 16:40	1
Isopropyl alcohol	**7.2**		5.0	0.98	ppb v/v			09/15/22 16:40	1
Carbon disulfide	ND		0.50	0.13	ppb v/v			09/15/22 16:40	1
3-Chloropropene	ND		0.50	0.11	ppb v/v			09/15/22 16:40	1
Methylene Chloride	ND		0.50	0.17	ppb v/v			09/15/22 16:40	1
tert-Butyl alcohol	ND		5.0	1.2	ppb v/v			09/15/22 16:40	1
Methyl tert-butyl ether	ND		0.20	0.080	ppb v/v			09/15/22 16:40	1
trans-1,2-Dichloroethene	ND		0.20	0.088	ppb v/v			09/15/22 16:40	1
n-Hexane	**0.48**	**J**	0.50	0.23	ppb v/v			09/15/22 16:40	1
1,1-Dichloroethane	ND		0.20	0.029	ppb v/v			09/15/22 16:40	1

Client Sample ID: OA-1
Date Collected: 09/12/22 14:28
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-5
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	**3.4**		0.50	0.17	ppb v/v			09/15/22 16:40	1
cis-1,2-Dichloroethene	ND		0.050	0.033	ppb v/v			09/15/22 16:40	1
Chloroform	ND		0.20	0.046	ppb v/v			09/15/22 16:40	1
Tetrahydrofuran	ND		5.0	1.2	ppb v/v			09/15/22 16:40	1
1,1,1-Trichloroethane	ND		0.20	0.039	ppb v/v			09/15/22 16:40	1
Cyclohexane	**0.48**		0.20	0.035	ppb v/v			09/15/22 16:40	1
Carbon tetrachloride	**0.052**		0.035	0.032	ppb v/v			09/15/22 16:40	1
2,2,4-Trimethylpentane	**0.13**	**J**	0.20	0.035	ppb v/v			09/15/22 16:40	1
Benzene	**0.12**	**J**	0.20	0.074	ppb v/v			09/15/22 16:40	1
1,2-Dichloroethane	ND		0.20	0.15	ppb v/v			09/15/22 16:40	1
n-Heptane	**0.33**		0.20	0.059	ppb v/v			09/15/22 16:40	1
Trichloroethene	ND		0.037	0.024	ppb v/v			09/15/22 16:40	1
Methyl methacrylate	ND		0.50	0.16	ppb v/v			09/15/22 16:40	1
1,2-Dichloropropane	ND		0.20	0.087	ppb v/v			09/15/22 16:40	1
1,4-Dioxane	ND		5.0	1.7	ppb v/v			09/15/22 16:40	1
Bromodichloromethane	ND		0.20	0.040	ppb v/v			09/15/22 16:40	1
cis-1,3-Dichloropropene	ND		0.20	0.020	ppb v/v			09/15/22 16:40	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	**0.53**		0.50	0.19	ppb v/v			09/15/22 16:40	1
Toluene	**0.57**		0.20	0.093	ppb v/v			09/15/22 16:40	1
trans-1,3-Dichloropropene	ND		0.20	0.089	ppb v/v			09/15/22 16:40	1
1,1,2-Trichloroethane	ND		0.20	0.034	ppb v/v			09/15/22 16:40	1
Tetrachloroethene	**0.073**	**J**	0.20	0.027	ppb v/v			09/15/22 16:40	1
Methyl Butyl Ketone (2-Hexanone)	**0.73**		0.50	0.20	ppb v/v			09/15/22 16:40	1
Dibromochloromethane	ND		0.20	0.031	ppb v/v			09/15/22 16:40	1
1,2-Dibromoethane	ND		0.20	0.046	ppb v/v			09/15/22 16:40	1
Chlorobenzene	ND		0.20	0.043	ppb v/v			09/15/22 16:40	1
Ethylbenzene	ND		0.20	0.10	ppb v/v			09/15/22 16:40	1
m,p-Xylene	**0.33**	**J**	0.50	0.17	ppb v/v			09/15/22 16:40	1
o-Xylene	**0.096**	**J**	0.20	0.094	ppb v/v			09/15/22 16:40	1
Styrene	**0.035**	**J**	0.20	0.032	ppb v/v			09/15/22 16:40	1
Bromoform	ND		0.20	0.058	ppb v/v			09/15/22 16:40	1
Cumene	ND		0.20	0.037	ppb v/v			09/15/22 16:40	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.043	ppb v/v			09/15/22 16:40	1
n-Propylbenzene	ND		0.20	0.047	ppb v/v			09/15/22 16:40	1
4-Ethyltoluene	ND		0.20	0.051	ppb v/v			09/15/22 16:40	1
1,3,5-Trimethylbenzene	ND		0.20	0.044	ppb v/v			09/15/22 16:40	1
2-Chlorotoluene	ND		0.20	0.048	ppb v/v			09/15/22 16:40	1
tert-Butylbenzene	ND		0.20	0.037	ppb v/v			09/15/22 16:40	1
1,2,4-Trimethylbenzene	**0.11**	**J**	0.20	0.047	ppb v/v			09/15/22 16:40	1
sec-Butylbenzene	ND		0.20	0.039	ppb v/v			09/15/22 16:40	1
4-Isopropyltoluene	**0.14**	**J**	0.20	0.039	ppb v/v			09/15/22 16:40	1
1,3-Dichlorobenzene	ND		0.20	0.089	ppb v/v			09/15/22 16:40	1
1,4-Dichlorobenzene	ND		0.20	0.095	ppb v/v			09/15/22 16:40	1
Benzyl chloride	ND		0.20	0.074	ppb v/v			09/15/22 16:40	1
n-Butylbenzene	ND		0.20	0.055	ppb v/v			09/15/22 16:40	1
1,2-Dichlorobenzene	ND		0.20	0.070	ppb v/v			09/15/22 16:40	1
1,2,4-Trichlorobenzene	ND		0.50	0.19	ppb v/v			09/15/22 16:40	1
Hexachlorobutadiene	ND		0.20	0.031	ppb v/v			09/15/22 16:40	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201630-1

Client Sample ID: OA-1
Date Collected: 09/12/22 14:28
Date Received: 09/13/22 10:35
Sample Container: Summa Canister 6L

Lab Sample ID: 480-201630-5
Matrix: Air

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.50	0.17	ppb v/v			09/15/22 16:40	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-183580/4
Matrix: Air
Analysis Batch: 183580

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.5	0.54	ug/m3			09/15/22 10:14	1
Chlorodifluoromethane	ND		1.8	0.39	ug/m3			09/15/22 10:14	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.38	ug/m3			09/15/22 10:14	1
Chloromethane	ND		1.0	0.25	ug/m3			09/15/22 10:14	1
n-Butane	ND		1.2	0.45	ug/m3			09/15/22 10:14	1
Vinyl chloride	ND		0.20	0.072	ug/m3			09/15/22 10:14	1
1,3-Butadiene	ND		0.44	0.084	ug/m3			09/15/22 10:14	1
Bromomethane	ND		0.78	0.20	ug/m3			09/15/22 10:14	1
Chloroethane	ND		1.3	0.66	ug/m3			09/15/22 10:14	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.37	ug/m3			09/15/22 10:14	1
Trichlorofluoromethane	ND		1.1	0.29	ug/m3			09/15/22 10:14	1
1,1,2-Trichlorotrifluoroethane	ND		1.5	0.42	ug/m3			09/15/22 10:14	1
1,1-Dichloroethene	ND		0.20	0.11	ug/m3			09/15/22 10:14	1
Acetone	ND		12	4.8	ug/m3			09/15/22 10:14	1
Isopropyl alcohol	ND		12	2.4	ug/m3			09/15/22 10:14	1
Carbon disulfide	ND		1.6	0.40	ug/m3			09/15/22 10:14	1
3-Chloropropene	ND		1.6	0.34	ug/m3			09/15/22 10:14	1
Methylene Chloride	ND		1.7	0.59	ug/m3			09/15/22 10:14	1
tert-Butyl alcohol	ND		15	3.6	ug/m3			09/15/22 10:14	1
Methyl tert-butyl ether	ND		0.72	0.29	ug/m3			09/15/22 10:14	1
trans-1,2-Dichloroethene	ND		0.79	0.35	ug/m3			09/15/22 10:14	1
n-Hexane	ND		1.8	0.81	ug/m3			09/15/22 10:14	1
1,1-Dichloroethane	ND		0.81	0.12	ug/m3			09/15/22 10:14	1
Methyl Ethyl Ketone (2-Butanone)	ND		1.5	0.50	ug/m3			09/15/22 10:14	1
cis-1,2-Dichloroethene	ND		0.20	0.13	ug/m3			09/15/22 10:14	1
Chloroform	ND		0.98	0.22	ug/m3			09/15/22 10:14	1
Tetrahydrofuran	ND		15	3.5	ug/m3			09/15/22 10:14	1
1,1,1-Trichloroethane	ND		1.1	0.21	ug/m3			09/15/22 10:14	1
Cyclohexane	ND		0.69	0.12	ug/m3			09/15/22 10:14	1
Carbon tetrachloride	ND		0.22	0.20	ug/m3			09/15/22 10:14	1
2,2,4-Trimethylpentane	ND		0.93	0.16	ug/m3			09/15/22 10:14	1
Benzene	ND		0.64	0.24	ug/m3			09/15/22 10:14	1
1,2-Dichloroethane	ND		0.81	0.61	ug/m3			09/15/22 10:14	1
n-Heptane	ND		0.82	0.24	ug/m3			09/15/22 10:14	1
Trichloroethene	ND		0.20	0.13	ug/m3			09/15/22 10:14	1
Methyl methacrylate	ND		2.0	0.66	ug/m3			09/15/22 10:14	1
1,2-Dichloropropane	ND		0.92	0.40	ug/m3			09/15/22 10:14	1
1,4-Dioxane	ND		18	6.1	ug/m3			09/15/22 10:14	1
Bromodichloromethane	ND		1.3	0.27	ug/m3			09/15/22 10:14	1
cis-1,3-Dichloropropene	ND		0.91	0.091	ug/m3			09/15/22 10:14	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.78	ug/m3			09/15/22 10:14	1
Toluene	ND		0.75	0.35	ug/m3			09/15/22 10:14	1
trans-1,3-Dichloropropene	ND		0.91	0.40	ug/m3			09/15/22 10:14	1
1,1,2-Trichloroethane	ND		1.1	0.19	ug/m3			09/15/22 10:14	1
Tetrachloroethene	ND		1.4	0.18	ug/m3			09/15/22 10:14	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			09/15/22 10:14	1
Dibromochloromethane	ND		1.7	0.26	ug/m3			09/15/22 10:14	1
1,2-Dibromoethane	ND		1.5	0.35	ug/m3			09/15/22 10:14	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-183580/4
Matrix: Air
Analysis Batch: 183580

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		0.92	0.20	ug/m3			09/15/22 10:14	1
Ethylbenzene	ND		0.87	0.43	ug/m3			09/15/22 10:14	1
m,p-Xylene	ND		2.2	0.74	ug/m3			09/15/22 10:14	1
o-Xylene	ND		0.87	0.41	ug/m3			09/15/22 10:14	1
Styrene	ND		0.85	0.14	ug/m3			09/15/22 10:14	1
Bromoform	ND		2.1	0.60	ug/m3			09/15/22 10:14	1
Cumene	ND		0.98	0.18	ug/m3			09/15/22 10:14	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.30	ug/m3			09/15/22 10:14	1
n-Propylbenzene	ND		0.98	0.23	ug/m3			09/15/22 10:14	1
4-Ethyltoluene	ND		0.98	0.25	ug/m3			09/15/22 10:14	1
1,3,5-Trimethylbenzene	ND		0.98	0.22	ug/m3			09/15/22 10:14	1
2-Chlorotoluene	ND		1.0	0.25	ug/m3			09/15/22 10:14	1
tert-Butylbenzene	ND		1.1	0.20	ug/m3			09/15/22 10:14	1
1,2,4-Trimethylbenzene	ND		0.98	0.23	ug/m3			09/15/22 10:14	1
sec-Butylbenzene	ND		1.1	0.21	ug/m3			09/15/22 10:14	1
4-Isopropyltoluene	ND		1.1	0.21	ug/m3			09/15/22 10:14	1
1,3-Dichlorobenzene	ND		1.2	0.54	ug/m3			09/15/22 10:14	1
1,4-Dichlorobenzene	ND		1.2	0.57	ug/m3			09/15/22 10:14	1
Benzyl chloride	ND		1.0	0.38	ug/m3			09/15/22 10:14	1
n-Butylbenzene	ND		1.1	0.30	ug/m3			09/15/22 10:14	1
1,2-Dichlorobenzene	ND		1.2	0.42	ug/m3			09/15/22 10:14	1
1,2,4-Trichlorobenzene	ND		3.7	1.4	ug/m3			09/15/22 10:14	1
Hexachlorobutadiene	ND		2.1	0.33	ug/m3			09/15/22 10:14	1
Naphthalene	ND		2.6	0.89	ug/m3			09/15/22 10:14	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.11	ppb v/v			09/15/22 10:14	1
Chlorodifluoromethane	ND		0.50	0.11	ppb v/v			09/15/22 10:14	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.055	ppb v/v			09/15/22 10:14	1
Chloromethane	ND		0.50	0.12	ppb v/v			09/15/22 10:14	1
n-Butane	ND		0.50	0.19	ppb v/v			09/15/22 10:14	1
Vinyl chloride	ND		0.078	0.028	ppb v/v			09/15/22 10:14	1
1,3-Butadiene	ND		0.20	0.038	ppb v/v			09/15/22 10:14	1
Bromomethane	ND		0.20	0.052	ppb v/v			09/15/22 10:14	1
Chloroethane	ND		0.50	0.25	ppb v/v			09/15/22 10:14	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.085	ppb v/v			09/15/22 10:14	1
Trichlorofluoromethane	ND		0.20	0.052	ppb v/v			09/15/22 10:14	1
1,1,2-Trichlorotrifluoroethane	ND		0.20	0.055	ppb v/v			09/15/22 10:14	1
1,1-Dichloroethene	ND		0.050	0.029	ppb v/v			09/15/22 10:14	1
Acetone	ND		5.0	2.0	ppb v/v			09/15/22 10:14	1
Isopropyl alcohol	ND		5.0	0.98	ppb v/v			09/15/22 10:14	1
Carbon disulfide	ND		0.50	0.13	ppb v/v			09/15/22 10:14	1
3-Chloropropene	ND		0.50	0.11	ppb v/v			09/15/22 10:14	1
Methylene Chloride	ND		0.50	0.17	ppb v/v			09/15/22 10:14	1
tert-Butyl alcohol	ND		5.0	1.2	ppb v/v			09/15/22 10:14	1
Methyl tert-butyl ether	ND		0.20	0.080	ppb v/v			09/15/22 10:14	1
trans-1,2-Dichloroethene	ND		0.20	0.088	ppb v/v			09/15/22 10:14	1
n-Hexane	ND		0.50	0.23	ppb v/v			09/15/22 10:14	1
1,1-Dichloroethane	ND		0.20	0.029	ppb v/v			09/15/22 10:14	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-183580/4
Matrix: Air
Analysis Batch: 183580

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	ND		0.50	0.17	ppb v/v			09/15/22 10:14	1
cis-1,2-Dichloroethene	ND		0.050	0.033	ppb v/v			09/15/22 10:14	1
Chloroform	ND		0.20	0.046	ppb v/v			09/15/22 10:14	1
Tetrahydrofuran	ND		5.0	1.2	ppb v/v			09/15/22 10:14	1
1,1,1-Trichloroethane	ND		0.20	0.039	ppb v/v			09/15/22 10:14	1
Cyclohexane	ND		0.20	0.035	ppb v/v			09/15/22 10:14	1
Carbon tetrachloride	ND		0.035	0.032	ppb v/v			09/15/22 10:14	1
2,2,4-Trimethylpentane	ND		0.20	0.035	ppb v/v			09/15/22 10:14	1
Benzene	ND		0.20	0.074	ppb v/v			09/15/22 10:14	1
1,2-Dichloroethane	ND		0.20	0.15	ppb v/v			09/15/22 10:14	1
n-Heptane	ND		0.20	0.059	ppb v/v			09/15/22 10:14	1
Trichloroethene	ND		0.037	0.024	ppb v/v			09/15/22 10:14	1
Methyl methacrylate	ND		0.50	0.16	ppb v/v			09/15/22 10:14	1
1,2-Dichloropropane	ND		0.20	0.087	ppb v/v			09/15/22 10:14	1
1,4-Dioxane	ND		5.0	1.7	ppb v/v			09/15/22 10:14	1
Bromodichloromethane	ND		0.20	0.040	ppb v/v			09/15/22 10:14	1
cis-1,3-Dichloropropene	ND		0.20	0.020	ppb v/v			09/15/22 10:14	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.19	ppb v/v			09/15/22 10:14	1
Toluene	ND		0.20	0.093	ppb v/v			09/15/22 10:14	1
trans-1,3-Dichloropropene	ND		0.20	0.089	ppb v/v			09/15/22 10:14	1
1,1,2-Trichloroethane	ND		0.20	0.034	ppb v/v			09/15/22 10:14	1
Tetrachloroethene	ND		0.20	0.027	ppb v/v			09/15/22 10:14	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.20	ppb v/v			09/15/22 10:14	1
Dibromochloromethane	ND		0.20	0.031	ppb v/v			09/15/22 10:14	1
1,2-Dibromoethane	ND		0.20	0.046	ppb v/v			09/15/22 10:14	1
Chlorobenzene	ND		0.20	0.043	ppb v/v			09/15/22 10:14	1
Ethylbenzene	ND		0.20	0.10	ppb v/v			09/15/22 10:14	1
m,p-Xylene	ND		0.50	0.17	ppb v/v			09/15/22 10:14	1
o-Xylene	ND		0.20	0.094	ppb v/v			09/15/22 10:14	1
Styrene	ND		0.20	0.032	ppb v/v			09/15/22 10:14	1
Bromoform	ND		0.20	0.058	ppb v/v			09/15/22 10:14	1
Cumene	ND		0.20	0.037	ppb v/v			09/15/22 10:14	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.043	ppb v/v			09/15/22 10:14	1
n-Propylbenzene	ND		0.20	0.047	ppb v/v			09/15/22 10:14	1
4-Ethyltoluene	ND		0.20	0.051	ppb v/v			09/15/22 10:14	1
1,3,5-Trimethylbenzene	ND		0.20	0.044	ppb v/v			09/15/22 10:14	1
2-Chlorotoluene	ND		0.20	0.048	ppb v/v			09/15/22 10:14	1
tert-Butylbenzene	ND		0.20	0.037	ppb v/v			09/15/22 10:14	1
1,2,4-Trimethylbenzene	ND		0.20	0.047	ppb v/v			09/15/22 10:14	1
sec-Butylbenzene	ND		0.20	0.039	ppb v/v			09/15/22 10:14	1
4-Isopropyltoluene	ND		0.20	0.039	ppb v/v			09/15/22 10:14	1
1,3-Dichlorobenzene	ND		0.20	0.089	ppb v/v			09/15/22 10:14	1
1,4-Dichlorobenzene	ND		0.20	0.095	ppb v/v			09/15/22 10:14	1
Benzyl chloride	ND		0.20	0.074	ppb v/v			09/15/22 10:14	1
n-Butylbenzene	ND		0.20	0.055	ppb v/v			09/15/22 10:14	1
1,2-Dichlorobenzene	ND		0.20	0.070	ppb v/v			09/15/22 10:14	1
1,2,4-Trichlorobenzene	ND		0.50	0.19	ppb v/v			09/15/22 10:14	1
Hexachlorobutadiene	ND		0.20	0.031	ppb v/v			09/15/22 10:14	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-183580/4
Matrix: Air
Analysis Batch: 183580

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		0.50	0.17	ppb v/v			09/15/22 10:14	1

Lab Sample ID: LCS 200-183580/3
Matrix: Air
Analysis Batch: 183580

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49.4	64.3		ug/m3		130	61 - 142
Chlorodifluoromethane	35.4	43.7		ug/m3		124	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	82.0		ug/m3		117	71 - 141
Chloromethane	20.6	23.0		ug/m3		112	56 - 141
n-Butane	23.8	25.8		ug/m3		109	53 - 151
Vinyl chloride	25.6	25.2		ug/m3		99	61 - 135
1,3-Butadiene	22.1	21.4		ug/m3		97	58 - 139
Bromomethane	38.8	40.0		ug/m3		103	72 - 124
Chloroethane	26.4	26.0		ug/m3		99	68 - 130
Bromoethene(Vinyl Bromide)	43.7	45.6		ug/m3		104	75 - 125
Trichlorofluoromethane	56.2	68.2		ug/m3		121	70 - 129
1,1,2-Trichlorotrifluoroethane	76.6	80.7		ug/m3		105	70 - 121
1,1-Dichloroethene	39.6	38.4		ug/m3		97	68 - 120
Acetone	23.7	27.0		ug/m3		114	54 - 154
Isopropyl alcohol	24.6	26.7		ug/m3		109	53 - 142
Carbon disulfide	31.1	31.6		ug/m3		102	71 - 138
3-Chloropropene	31.3	32.3		ug/m3		103	50 - 150
Methylene Chloride	34.7	36.3		ug/m3		105	59 - 137
tert-Butyl alcohol	30.3	34.8		ug/m3		115	66 - 132
Methyl tert-butyl ether	36.0	40.4		ug/m3		112	70 - 127
trans-1,2-Dichloroethene	39.6	40.5		ug/m3		102	69 - 137
n-Hexane	35.2	35.3		ug/m3		100	63 - 138
1,1-Dichloroethane	40.5	40.9		ug/m3		101	66 - 130
Methyl Ethyl Ketone (2-Butanone)	29.5	25.5		ug/m3		86	72 - 124
cis-1,2-Dichloroethene	39.6	38.0		ug/m3		96	72 - 121
Chloroform	48.8	53.9		ug/m3		110	73 - 124
Tetrahydrofuran	29.5	32.7		ug/m3		111	60 - 149
1,1,1-Trichloroethane	54.6	66.6		ug/m3		122	72 - 127
Cyclohexane	34.4	35.1		ug/m3		102	76 - 124
Carbon tetrachloride	62.9	76.9		ug/m3		122	71 - 133
2,2,4-Trimethylpentane	46.7	47.8		ug/m3		102	68 - 131
Benzene	31.9	31.6		ug/m3		99	73 - 119
1,2-Dichloroethane	40.5	52.0		ug/m3		128	68 - 135
n-Heptane	41.0	43.0		ug/m3		105	60 - 142
Trichloroethene	53.7	54.1		ug/m3		101	73 - 122
Methyl methacrylate	40.9	45.0		ug/m3		110	73 - 129
1,2-Dichloropropane	46.2	46.6		ug/m3		101	69 - 128
1,4-Dioxane	36.0	36.9		ug/m3		102	66 - 129
Bromodichloromethane	67.0	79.3		ug/m3		118	75 - 127
cis-1,3-Dichloropropene	45.4	51.8		ug/m3		114	74 - 125

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-183580/3
Matrix: Air
Analysis Batch: 183580

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	51.1		ug/m3		125	58 - 144
Toluene	37.7	38.5		ug/m3		102	75 - 122
trans-1,3-Dichloropropene	45.4	54.8		ug/m3		121	74 - 128
1,1,2-Trichloroethane	54.6	56.0		ug/m3		103	75 - 126
Tetrachloroethene	67.8	63.5		ug/m3		94	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	50.0		ug/m3		122	57 - 143
Dibromochloromethane	85.2	93.3		ug/m3		110	73 - 125
1,2-Dibromoethane	76.8	79.5		ug/m3		103	78 - 122
Chlorobenzene	46.0	46.2		ug/m3		100	76 - 119
Ethylbenzene	43.4	46.3		ug/m3		107	74 - 122
m,p-Xylene	86.8	87.5		ug/m3		101	76 - 121
o-Xylene	43.4	44.2		ug/m3		102	73 - 123
Styrene	42.6	46.0		ug/m3		108	74 - 125
Bromoform	103	110		ug/m3		106	53 - 149
Cumene	49.1	52.0		ug/m3		106	73 - 123
1,1,2,2-Tetrachloroethane	68.6	68.8		ug/m3		100	74 - 126
n-Propylbenzene	49.1	52.3		ug/m3		106	73 - 127
4-Ethyltoluene	49.2	52.0		ug/m3		106	75 - 129
1,3,5-Trimethylbenzene	49.2	53.0		ug/m3		108	72 - 126
2-Chlorotoluene	51.8	56.0		ug/m3		108	74 - 126
tert-Butylbenzene	54.9	58.2		ug/m3		106	71 - 125
1,2,4-Trimethylbenzene	49.2	52.8		ug/m3		107	71 - 129
sec-Butylbenzene	54.9	58.4		ug/m3		106	70 - 128
4-Isopropyltoluene	54.9	58.7		ug/m3		107	68 - 130
1,3-Dichlorobenzene	60.1	61.0		ug/m3		102	69 - 131
1,4-Dichlorobenzene	60.1	61.4		ug/m3		102	67 - 132
Benzyl chloride	51.8	60.1		ug/m3		116	60 - 136
n-Butylbenzene	54.9	62.3		ug/m3		114	65 - 137
1,2-Dichlorobenzene	60.1	61.6		ug/m3		102	68 - 129
1,2,4-Trichlorobenzene	74.2	84.3		ug/m3		114	50 - 150
Hexachlorobutadiene	107	122		ug/m3		114	58 - 130
Naphthalene	52.4	62.6		ug/m3		120	50 - 150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10	13.0		ppb v/v		130	61 - 142
Chlorodifluoromethane	10	12.4		ppb v/v		124	60 - 147
1,2-Dichlorotetrafluoroethane	10	11.7		ppb v/v		117	71 - 141
Chloromethane	10	11.1		ppb v/v		112	56 - 141
n-Butane	10	10.9		ppb v/v		109	53 - 151
Vinyl chloride	10	9.87		ppb v/v		99	61 - 135
1,3-Butadiene	10	9.66		ppb v/v		97	58 - 139
Bromomethane	10	10.3		ppb v/v		103	72 - 124
Chloroethane	10	9.87		ppb v/v		99	68 - 130
Bromoethene(Vinyl Bromide)	10	10.4		ppb v/v		104	75 - 125
Trichlorofluoromethane	10	12.1		ppb v/v		121	70 - 129
1,1,2-Trichlorotrifluoroethane	10	10.5		ppb v/v		105	70 - 121
1,1-Dichloroethene	10	9.68		ppb v/v		97	68 - 120

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-183580/3
Matrix: Air
Analysis Batch: 183580

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	10	11.3		ppb v/v		114	54 - 154
Isopropyl alcohol	10	10.9		ppb v/v		109	53 - 142
Carbon disulfide	10	10.2		ppb v/v		102	71 - 138
3-Chloropropene	10	10.3		ppb v/v		103	50 - 150
Methylene Chloride	10	10.5		ppb v/v		105	59 - 137
tert-Butyl alcohol	10	11.5		ppb v/v		115	66 - 132
Methyl tert-butyl ether	10	11.2		ppb v/v		112	70 - 127
trans-1,2-Dichloroethene	10	10.2		ppb v/v		102	69 - 137
n-Hexane	10	10.0		ppb v/v		100	63 - 138
1,1-Dichloroethane	10	10.1		ppb v/v		101	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	8.65		ppb v/v		86	72 - 124
cis-1,2-Dichloroethene	10	9.58		ppb v/v		96	72 - 121
Chloroform	10	11.0		ppb v/v		110	73 - 124
Tetrahydrofuran	10	11.1		ppb v/v		111	60 - 149
1,1,1-Trichloroethane	10	12.2		ppb v/v		122	72 - 127
Cyclohexane	10	10.2		ppb v/v		102	76 - 124
Carbon tetrachloride	10	12.2		ppb v/v		122	71 - 133
2,2,4-Trimethylpentane	10	10.2		ppb v/v		102	68 - 131
Benzene	10	9.89		ppb v/v		99	73 - 119
1,2-Dichloroethane	10	12.8		ppb v/v		128	68 - 135
n-Heptane	10	10.5		ppb v/v		105	60 - 142
Trichloroethene	10	10.1		ppb v/v		101	73 - 122
Methyl methacrylate	10	11.0		ppb v/v		110	73 - 129
1,2-Dichloropropane	10	10.1		ppb v/v		101	69 - 128
1,4-Dioxane	10	10.2		ppb v/v		102	66 - 129
Bromodichloromethane	10	11.8		ppb v/v		118	75 - 127
cis-1,3-Dichloropropene	10	11.4		ppb v/v		114	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	12.5		ppb v/v		125	58 - 144
Toluene	10	10.2		ppb v/v		102	75 - 122
trans-1,3-Dichloropropene	10	12.1		ppb v/v		121	74 - 128
1,1,2-Trichloroethane	10	10.3		ppb v/v		103	75 - 126
Tetrachloroethene	10	9.36		ppb v/v		94	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	12.2		ppb v/v		122	57 - 143
Dibromochloromethane	10	11.0		ppb v/v		110	73 - 125
1,2-Dibromoethane	10	10.3		ppb v/v		103	78 - 122
Chlorobenzene	10	10.0		ppb v/v		100	76 - 119
Ethylbenzene	10	10.7		ppb v/v		107	74 - 122
m,p-Xylene	20	20.2		ppb v/v		101	76 - 121
o-Xylene	10	10.2		ppb v/v		102	73 - 123
Styrene	10	10.8		ppb v/v		108	74 - 125
Bromoform	10	10.6		ppb v/v		106	53 - 149
Cumene	10	10.6		ppb v/v		106	73 - 123
1,1,2,2-Tetrachloroethane	10	10.0		ppb v/v		100	74 - 126
n-Propylbenzene	10	10.6		ppb v/v		106	73 - 127
4-Ethyltoluene	10	10.6		ppb v/v		106	75 - 129
1,3,5-Trimethylbenzene	10	10.8		ppb v/v		108	72 - 126

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-183580/3
Matrix: Air
Analysis Batch: 183580

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorotoluene	10	10.8		ppb v/v		108	74 - 126
tert-Butylbenzene	10	10.6		ppb v/v		106	71 - 125
1,2,4-Trimethylbenzene	10	10.7		ppb v/v		107	71 - 129
sec-Butylbenzene	10	10.6		ppb v/v		106	70 - 128
4-Isopropyltoluene	10	10.7		ppb v/v		107	68 - 130
1,3-Dichlorobenzene	10	10.2		ppb v/v		102	69 - 131
1,4-Dichlorobenzene	10	10.2		ppb v/v		102	67 - 132
Benzyl chloride	10	11.6		ppb v/v		116	60 - 136
n-Butylbenzene	10	11.4		ppb v/v		114	65 - 137
1,2-Dichlorobenzene	10	10.2		ppb v/v		102	68 - 129
1,2,4-Trichlorobenzene	10	11.4		ppb v/v		114	50 - 150
Hexachlorobutadiene	10	11.4		ppb v/v		114	58 - 130
Naphthalene	10	11.9		ppb v/v		120	50 - 150

Lab Sample ID: MB 200-183619/4
Matrix: Air
Analysis Batch: 183619

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.5	0.54	ug/m3			09/16/22 10:07	1
Chlorodifluoromethane	ND		1.8	0.39	ug/m3			09/16/22 10:07	1
1,2-Dichlorotetrafluoroethane	ND		1.4	0.38	ug/m3			09/16/22 10:07	1
Chloromethane	ND		1.0	0.25	ug/m3			09/16/22 10:07	1
n-Butane	ND		1.2	0.45	ug/m3			09/16/22 10:07	1
Vinyl chloride	ND		0.20	0.072	ug/m3			09/16/22 10:07	1
1,3-Butadiene	ND		0.44	0.084	ug/m3			09/16/22 10:07	1
Bromomethane	ND		0.78	0.20	ug/m3			09/16/22 10:07	1
Chloroethane	ND		1.3	0.66	ug/m3			09/16/22 10:07	1
Bromoethene(Vinyl Bromide)	ND		0.87	0.37	ug/m3			09/16/22 10:07	1
Trichlorofluoromethane	ND		1.1	0.29	ug/m3			09/16/22 10:07	1
1,1,2-Trichlorotrifluoroethane	ND		1.5	0.42	ug/m3			09/16/22 10:07	1
1,1-Dichloroethene	ND		0.20	0.11	ug/m3			09/16/22 10:07	1
Acetone	ND		12	4.8	ug/m3			09/16/22 10:07	1
Isopropyl alcohol	ND		12	2.4	ug/m3			09/16/22 10:07	1
Carbon disulfide	ND		1.6	0.40	ug/m3			09/16/22 10:07	1
3-Chloropropene	ND		1.6	0.34	ug/m3			09/16/22 10:07	1
Methylene Chloride	ND		1.7	0.59	ug/m3			09/16/22 10:07	1
tert-Butyl alcohol	ND		15	3.6	ug/m3			09/16/22 10:07	1
Methyl tert-butyl ether	ND		0.72	0.29	ug/m3			09/16/22 10:07	1
trans-1,2-Dichloroethene	ND		0.79	0.35	ug/m3			09/16/22 10:07	1
n-Hexane	ND		1.8	0.81	ug/m3			09/16/22 10:07	1
1,1-Dichloroethane	ND		0.81	0.12	ug/m3			09/16/22 10:07	1
Methyl Ethyl Ketone (2-Butanone)	ND		1.5	0.50	ug/m3			09/16/22 10:07	1
cis-1,2-Dichloroethene	ND		0.20	0.13	ug/m3			09/16/22 10:07	1
Chloroform	ND		0.98	0.22	ug/m3			09/16/22 10:07	1
Tetrahydrofuran	ND		15	3.5	ug/m3			09/16/22 10:07	1
1,1,1-Trichloroethane	ND		1.1	0.21	ug/m3			09/16/22 10:07	1
Cyclohexane	ND		0.69	0.12	ug/m3			09/16/22 10:07	1
Carbon tetrachloride	ND		0.22	0.20	ug/m3			09/16/22 10:07	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-183619/4
Matrix: Air
Analysis Batch: 183619

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2,4-Trimethylpentane	ND		0.93	0.16	ug/m3			09/16/22 10:07	1
Benzene	ND		0.64	0.24	ug/m3			09/16/22 10:07	1
1,2-Dichloroethane	ND		0.81	0.61	ug/m3			09/16/22 10:07	1
n-Heptane	ND		0.82	0.24	ug/m3			09/16/22 10:07	1
Trichloroethene	ND		0.20	0.13	ug/m3			09/16/22 10:07	1
Methyl methacrylate	ND		2.0	0.66	ug/m3			09/16/22 10:07	1
1,2-Dichloropropane	ND		0.92	0.40	ug/m3			09/16/22 10:07	1
1,4-Dioxane	ND		18	6.1	ug/m3			09/16/22 10:07	1
Bromodichloromethane	ND		1.3	0.27	ug/m3			09/16/22 10:07	1
cis-1,3-Dichloropropene	ND		0.91	0.091	ug/m3			09/16/22 10:07	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		2.0	0.78	ug/m3			09/16/22 10:07	1
Toluene	ND		0.75	0.35	ug/m3			09/16/22 10:07	1
trans-1,3-Dichloropropene	ND		0.91	0.40	ug/m3			09/16/22 10:07	1
1,1,2-Trichloroethane	ND		1.1	0.19	ug/m3			09/16/22 10:07	1
Tetrachloroethene	ND		1.4	0.18	ug/m3			09/16/22 10:07	1
Methyl Butyl Ketone (2-Hexanone)	ND		2.0	0.82	ug/m3			09/16/22 10:07	1
Dibromochloromethane	ND		1.7	0.26	ug/m3			09/16/22 10:07	1
1,2-Dibromoethane	ND		1.5	0.35	ug/m3			09/16/22 10:07	1
Chlorobenzene	ND		0.92	0.20	ug/m3			09/16/22 10:07	1
Ethylbenzene	ND		0.87	0.43	ug/m3			09/16/22 10:07	1
m,p-Xylene	ND		2.2	0.74	ug/m3			09/16/22 10:07	1
o-Xylene	ND		0.87	0.41	ug/m3			09/16/22 10:07	1
Styrene	ND		0.85	0.14	ug/m3			09/16/22 10:07	1
Bromoform	ND		2.1	0.60	ug/m3			09/16/22 10:07	1
Cumene	ND		0.98	0.18	ug/m3			09/16/22 10:07	1
1,1,2,2-Tetrachloroethane	ND		1.4	0.30	ug/m3			09/16/22 10:07	1
n-Propylbenzene	ND		0.98	0.23	ug/m3			09/16/22 10:07	1
4-Ethyltoluene	ND		0.98	0.25	ug/m3			09/16/22 10:07	1
1,3,5-Trimethylbenzene	ND		0.98	0.22	ug/m3			09/16/22 10:07	1
2-Chlorotoluene	ND		1.0	0.25	ug/m3			09/16/22 10:07	1
tert-Butylbenzene	ND		1.1	0.20	ug/m3			09/16/22 10:07	1
1,2,4-Trimethylbenzene	ND		0.98	0.23	ug/m3			09/16/22 10:07	1
sec-Butylbenzene	ND		1.1	0.21	ug/m3			09/16/22 10:07	1
4-Isopropyltoluene	ND		1.1	0.21	ug/m3			09/16/22 10:07	1
1,3-Dichlorobenzene	ND		1.2	0.54	ug/m3			09/16/22 10:07	1
1,4-Dichlorobenzene	ND		1.2	0.57	ug/m3			09/16/22 10:07	1
Benzyl chloride	ND		1.0	0.38	ug/m3			09/16/22 10:07	1
n-Butylbenzene	ND		1.1	0.30	ug/m3			09/16/22 10:07	1
1,2-Dichlorobenzene	ND		1.2	0.42	ug/m3			09/16/22 10:07	1
1,2,4-Trichlorobenzene	ND		3.7	1.4	ug/m3			09/16/22 10:07	1
Hexachlorobutadiene	ND		2.1	0.33	ug/m3			09/16/22 10:07	1
Naphthalene	ND		2.6	0.89	ug/m3			09/16/22 10:07	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		0.50	0.11	ppb v/v			09/16/22 10:07	1
Chlorodifluoromethane	ND		0.50	0.11	ppb v/v			09/16/22 10:07	1
1,2-Dichlorotetrafluoroethane	ND		0.20	0.055	ppb v/v			09/16/22 10:07	1
Chloromethane	ND		0.50	0.12	ppb v/v			09/16/22 10:07	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-183619/4
Matrix: Air
Analysis Batch: 183619

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butane	ND		0.50	0.19	ppb v/v			09/16/22 10:07	1
Vinyl chloride	ND		0.078	0.028	ppb v/v			09/16/22 10:07	1
1,3-Butadiene	ND		0.20	0.038	ppb v/v			09/16/22 10:07	1
Bromomethane	ND		0.20	0.052	ppb v/v			09/16/22 10:07	1
Chloroethane	ND		0.50	0.25	ppb v/v			09/16/22 10:07	1
Bromoethene(Vinyl Bromide)	ND		0.20	0.085	ppb v/v			09/16/22 10:07	1
Trichlorofluoromethane	ND		0.20	0.052	ppb v/v			09/16/22 10:07	1
1,1,2-Trichlorotrifluoroethane	ND		0.20	0.055	ppb v/v			09/16/22 10:07	1
1,1-Dichloroethene	ND		0.050	0.029	ppb v/v			09/16/22 10:07	1
Acetone	ND		5.0	2.0	ppb v/v			09/16/22 10:07	1
Isopropyl alcohol	ND		5.0	0.98	ppb v/v			09/16/22 10:07	1
Carbon disulfide	ND		0.50	0.13	ppb v/v			09/16/22 10:07	1
3-Chloropropene	ND		0.50	0.11	ppb v/v			09/16/22 10:07	1
Methylene Chloride	ND		0.50	0.17	ppb v/v			09/16/22 10:07	1
tert-Butyl alcohol	ND		5.0	1.2	ppb v/v			09/16/22 10:07	1
Methyl tert-butyl ether	ND		0.20	0.080	ppb v/v			09/16/22 10:07	1
trans-1,2-Dichloroethene	ND		0.20	0.088	ppb v/v			09/16/22 10:07	1
n-Hexane	ND		0.50	0.23	ppb v/v			09/16/22 10:07	1
1,1-Dichloroethane	ND		0.20	0.029	ppb v/v			09/16/22 10:07	1
Methyl Ethyl Ketone (2-Butanone)	ND		0.50	0.17	ppb v/v			09/16/22 10:07	1
cis-1,2-Dichloroethene	ND		0.050	0.033	ppb v/v			09/16/22 10:07	1
Chloroform	ND		0.20	0.046	ppb v/v			09/16/22 10:07	1
Tetrahydrofuran	ND		5.0	1.2	ppb v/v			09/16/22 10:07	1
1,1,1-Trichloroethane	ND		0.20	0.039	ppb v/v			09/16/22 10:07	1
Cyclohexane	ND		0.20	0.035	ppb v/v			09/16/22 10:07	1
Carbon tetrachloride	ND		0.035	0.032	ppb v/v			09/16/22 10:07	1
2,2,4-Trimethylpentane	ND		0.20	0.035	ppb v/v			09/16/22 10:07	1
Benzene	ND		0.20	0.074	ppb v/v			09/16/22 10:07	1
1,2-Dichloroethane	ND		0.20	0.15	ppb v/v			09/16/22 10:07	1
n-Heptane	ND		0.20	0.059	ppb v/v			09/16/22 10:07	1
Trichloroethene	ND		0.037	0.024	ppb v/v			09/16/22 10:07	1
Methyl methacrylate	ND		0.50	0.16	ppb v/v			09/16/22 10:07	1
1,2-Dichloropropane	ND		0.20	0.087	ppb v/v			09/16/22 10:07	1
1,4-Dioxane	ND		5.0	1.7	ppb v/v			09/16/22 10:07	1
Bromodichloromethane	ND		0.20	0.040	ppb v/v			09/16/22 10:07	1
cis-1,3-Dichloropropene	ND		0.20	0.020	ppb v/v			09/16/22 10:07	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	ND		0.50	0.19	ppb v/v			09/16/22 10:07	1
Toluene	ND		0.20	0.093	ppb v/v			09/16/22 10:07	1
trans-1,3-Dichloropropene	ND		0.20	0.089	ppb v/v			09/16/22 10:07	1
1,1,2-Trichloroethane	ND		0.20	0.034	ppb v/v			09/16/22 10:07	1
Tetrachloroethene	ND		0.20	0.027	ppb v/v			09/16/22 10:07	1
Methyl Butyl Ketone (2-Hexanone)	ND		0.50	0.20	ppb v/v			09/16/22 10:07	1
Dibromochloromethane	ND		0.20	0.031	ppb v/v			09/16/22 10:07	1
1,2-Dibromoethane	ND		0.20	0.046	ppb v/v			09/16/22 10:07	1
Chlorobenzene	ND		0.20	0.043	ppb v/v			09/16/22 10:07	1
Ethylbenzene	ND		0.20	0.10	ppb v/v			09/16/22 10:07	1
m,p-Xylene	ND		0.50	0.17	ppb v/v			09/16/22 10:07	1
o-Xylene	ND		0.20	0.094	ppb v/v			09/16/22 10:07	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-183619/4
Matrix: Air
Analysis Batch: 183619

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		0.20	0.032	ppb v/v			09/16/22 10:07	1
Bromoform	ND		0.20	0.058	ppb v/v			09/16/22 10:07	1
Cumene	ND		0.20	0.037	ppb v/v			09/16/22 10:07	1
1,1,2,2-Tetrachloroethane	ND		0.20	0.043	ppb v/v			09/16/22 10:07	1
n-Propylbenzene	ND		0.20	0.047	ppb v/v			09/16/22 10:07	1
4-Ethyltoluene	ND		0.20	0.051	ppb v/v			09/16/22 10:07	1
1,3,5-Trimethylbenzene	ND		0.20	0.044	ppb v/v			09/16/22 10:07	1
2-Chlorotoluene	ND		0.20	0.048	ppb v/v			09/16/22 10:07	1
tert-Butylbenzene	ND		0.20	0.037	ppb v/v			09/16/22 10:07	1
1,2,4-Trimethylbenzene	ND		0.20	0.047	ppb v/v			09/16/22 10:07	1
sec-Butylbenzene	ND		0.20	0.039	ppb v/v			09/16/22 10:07	1
4-Isopropyltoluene	ND		0.20	0.039	ppb v/v			09/16/22 10:07	1
1,3-Dichlorobenzene	ND		0.20	0.089	ppb v/v			09/16/22 10:07	1
1,4-Dichlorobenzene	ND		0.20	0.095	ppb v/v			09/16/22 10:07	1
Benzyl chloride	ND		0.20	0.074	ppb v/v			09/16/22 10:07	1
n-Butylbenzene	ND		0.20	0.055	ppb v/v			09/16/22 10:07	1
1,2-Dichlorobenzene	ND		0.20	0.070	ppb v/v			09/16/22 10:07	1
1,2,4-Trichlorobenzene	ND		0.50	0.19	ppb v/v			09/16/22 10:07	1
Hexachlorobutadiene	ND		0.20	0.031	ppb v/v			09/16/22 10:07	1
Naphthalene	ND		0.50	0.17	ppb v/v			09/16/22 10:07	1

Lab Sample ID: LCS 200-183619/3
Matrix: Air
Analysis Batch: 183619

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49.4	67.9		ug/m3		137	61 - 142
Chlorodifluoromethane	35.4	46.1		ug/m3		131	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	85.7		ug/m3		123	71 - 141
Chloromethane	20.6	24.0		ug/m3		116	56 - 141
n-Butane	23.8	27.2		ug/m3		114	53 - 151
Vinyl chloride	25.6	26.7		ug/m3		105	61 - 135
1,3-Butadiene	22.1	22.0		ug/m3		100	58 - 139
Bromomethane	38.8	39.8		ug/m3		103	72 - 124
Chloroethane	26.4	27.2		ug/m3		103	68 - 130
Bromoethene(Vinyl Bromide)	43.7	45.4		ug/m3		104	75 - 125
Trichlorofluoromethane	56.2	70.3		ug/m3		125	70 - 129
1,1,2-Trichlorotrifluoroethane	76.6	82.8		ug/m3		108	70 - 121
1,1-Dichloroethene	39.6	38.3		ug/m3		97	68 - 120
Acetone	23.7	27.4		ug/m3		115	54 - 154
Isopropyl alcohol	24.6	27.6		ug/m3		112	53 - 142
Carbon disulfide	31.1	32.1		ug/m3		103	71 - 138
3-Chloropropene	31.3	33.7		ug/m3		108	50 - 150
Methylene Chloride	34.7	37.3		ug/m3		107	59 - 137
tert-Butyl alcohol	30.3	35.8		ug/m3		118	66 - 132
Methyl tert-butyl ether	36.0	40.9		ug/m3		113	70 - 127
trans-1,2-Dichloroethene	39.6	40.9		ug/m3		103	69 - 137
n-Hexane	35.2	35.9		ug/m3		102	63 - 138
1,1-Dichloroethane	40.5	41.8		ug/m3		103	66 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-183619/3
Matrix: Air
Analysis Batch: 183619

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl Ethyl Ketone (2-Butanone)	29.5	26.0		ug/m3		88	72 - 124
cis-1,2-Dichloroethene	39.6	38.3		ug/m3		97	72 - 121
Chloroform	48.8	55.1		ug/m3		113	73 - 124
Tetrahydrofuran	29.5	33.0		ug/m3		112	60 - 149
1,1,1-Trichloroethane	54.6	68.1		ug/m3		125	72 - 127
Cyclohexane	34.4	35.3		ug/m3		103	76 - 124
Carbon tetrachloride	62.9	78.3		ug/m3		124	71 - 133
2,2,4-Trimethylpentane	46.7	48.1		ug/m3		103	68 - 131
Benzene	31.9	31.8		ug/m3		100	73 - 119
1,2-Dichloroethane	40.5	52.9		ug/m3		131	68 - 135
n-Heptane	41.0	43.2		ug/m3		105	60 - 142
Trichloroethene	53.7	53.2		ug/m3		99	73 - 122
Methyl methacrylate	40.9	44.7		ug/m3		109	73 - 129
1,2-Dichloropropane	46.2	46.6		ug/m3		101	69 - 128
1,4-Dioxane	36.0	36.9		ug/m3		102	66 - 129
Bromodichloromethane	67.0	80.2		ug/m3		120	75 - 127
cis-1,3-Dichloropropene	45.4	51.5		ug/m3		114	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	51.1		ug/m3		125	58 - 144
Toluene	37.7	38.5		ug/m3		102	75 - 122
trans-1,3-Dichloropropene	45.4	54.6		ug/m3		120	74 - 128
1,1,2-Trichloroethane	54.6	55.6		ug/m3		102	75 - 126
Tetrachloroethene	67.8	63.4		ug/m3		94	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	50.6		ug/m3		123	57 - 143
Dibromochloromethane	85.2	93.2		ug/m3		109	73 - 125
1,2-Dibromoethane	76.8	79.3		ug/m3		103	78 - 122
Chlorobenzene	46.0	45.6		ug/m3		99	76 - 119
Ethylbenzene	43.4	46.2		ug/m3		106	74 - 122
m,p-Xylene	86.8	86.9		ug/m3		100	76 - 121
o-Xylene	43.4	44.6		ug/m3		103	73 - 123
Styrene	42.6	45.5		ug/m3		107	74 - 125
Bromoform	103	110		ug/m3		107	53 - 149
Cumene	49.1	52.8		ug/m3		107	73 - 123
1,1,2,2-Tetrachloroethane	68.6	70.0		ug/m3		102	74 - 126
n-Propylbenzene	49.1	53.3		ug/m3		108	73 - 127
4-Ethyltoluene	49.2	52.4		ug/m3		107	75 - 129
1,3,5-Trimethylbenzene	49.2	53.0		ug/m3		108	72 - 126
2-Chlorotoluene	51.8	57.0		ug/m3		110	74 - 126
tert-Butylbenzene	54.9	59.1		ug/m3		108	71 - 125
1,2,4-Trimethylbenzene	49.2	53.8		ug/m3		109	71 - 129
sec-Butylbenzene	54.9	60.1		ug/m3		110	70 - 128
4-Isopropyltoluene	54.9	61.1		ug/m3		111	68 - 130
1,3-Dichlorobenzene	60.1	62.6		ug/m3		104	69 - 131
1,4-Dichlorobenzene	60.1	62.9		ug/m3		105	67 - 132
Benzyl chloride	51.8	62.6		ug/m3		121	60 - 136
n-Butylbenzene	54.9	64.7		ug/m3		118	65 - 137
1,2-Dichlorobenzene	60.1	62.6		ug/m3		104	68 - 129

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-183619/3
Matrix: Air
Analysis Batch: 183619

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	74.2	84.5		ug/m3		114	50 - 150
Hexachlorobutadiene	107	125		ug/m3		117	58 - 130
Naphthalene	52.4	63.1		ug/m3		120	50 - 150

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10	13.7		ppb v/v		137	61 - 142
Chlorodifluoromethane	10	13.0		ppb v/v		131	60 - 147
1,2-Dichlorotetrafluoroethane	10	12.3		ppb v/v		123	71 - 141
Chloromethane	10	11.6		ppb v/v		116	56 - 141
n-Butane	10	11.4		ppb v/v		114	53 - 151
Vinyl chloride	10	10.5		ppb v/v		105	61 - 135
1,3-Butadiene	10	9.96		ppb v/v		100	58 - 139
Bromomethane	10	10.3		ppb v/v		103	72 - 124
Chloroethane	10	10.3		ppb v/v		103	68 - 130
Bromoethene(Vinyl Bromide)	10	10.4		ppb v/v		104	75 - 125
Trichlorofluoromethane	10	12.5		ppb v/v		125	70 - 129
1,1,2-Trichlorotrifluoroethane	10	10.8		ppb v/v		108	70 - 121
1,1-Dichloroethene	10	9.66		ppb v/v		97	68 - 120
Acetone	10	11.5		ppb v/v		115	54 - 154
Isopropyl alcohol	10	11.2		ppb v/v		112	53 - 142
Carbon disulfide	10	10.3		ppb v/v		103	71 - 138
3-Chloropropene	10	10.8		ppb v/v		108	50 - 150
Methylene Chloride	10	10.7		ppb v/v		107	59 - 137
tert-Butyl alcohol	10	11.8		ppb v/v		118	66 - 132
Methyl tert-butyl ether	10	11.3		ppb v/v		113	70 - 127
trans-1,2-Dichloroethene	10	10.3		ppb v/v		103	69 - 137
n-Hexane	10	10.2		ppb v/v		102	63 - 138
1,1-Dichloroethane	10	10.3		ppb v/v		103	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	8.81		ppb v/v		88	72 - 124
cis-1,2-Dichloroethene	10	9.66		ppb v/v		97	72 - 121
Chloroform	10	11.3		ppb v/v		113	73 - 124
Tetrahydrofuran	10	11.2		ppb v/v		112	60 - 149
1,1,1-Trichloroethane	10	12.5		ppb v/v		125	72 - 127
Cyclohexane	10	10.3		ppb v/v		103	76 - 124
Carbon tetrachloride	10	12.4		ppb v/v		124	71 - 133
2,2,4-Trimethylpentane	10	10.3		ppb v/v		103	68 - 131
Benzene	10	9.95		ppb v/v		100	73 - 119
1,2-Dichloroethane	10	13.1		ppb v/v		131	68 - 135
n-Heptane	10	10.5		ppb v/v		105	60 - 142
Trichloroethene	10	9.91		ppb v/v		99	73 - 122
Methyl methacrylate	10	10.9		ppb v/v		109	73 - 129
1,2-Dichloropropane	10	10.1		ppb v/v		101	69 - 128
1,4-Dioxane	10	10.2		ppb v/v		102	66 - 129
Bromodichloromethane	10	12.0		ppb v/v		120	75 - 127
cis-1,3-Dichloropropene	10	11.3		ppb v/v		114	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	12.5		ppb v/v		125	58 - 144
Toluene	10	10.2		ppb v/v		102	75 - 122

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-183619/3
Matrix: Air
Analysis Batch: 183619

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,3-Dichloropropene	10	12.0		ppb v/v		120	74 - 128
1,1,2-Trichloroethane	10	10.2		ppb v/v		102	75 - 126
Tetrachloroethene	10	9.35		ppb v/v		94	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	12.3		ppb v/v		123	57 - 143
Dibromochloromethane	10	10.9		ppb v/v		109	73 - 125
1,2-Dibromoethane	10	10.3		ppb v/v		103	78 - 122
Chlorobenzene	10	9.90		ppb v/v		99	76 - 119
Ethylbenzene	10	10.6		ppb v/v		106	74 - 122
m,p-Xylene	20	20.0		ppb v/v		100	76 - 121
o-Xylene	10	10.3		ppb v/v		103	73 - 123
Styrene	10	10.7		ppb v/v		107	74 - 125
Bromoform	10	10.6		ppb v/v		107	53 - 149
Cumene	10	10.7		ppb v/v		107	73 - 123
1,1,2,2-Tetrachloroethane	10	10.2		ppb v/v		102	74 - 126
n-Propylbenzene	10	10.8		ppb v/v		108	73 - 127
4-Ethyltoluene	10	10.6		ppb v/v		107	75 - 129
1,3,5-Trimethylbenzene	10	10.8		ppb v/v		108	72 - 126
2-Chlorotoluene	10	11.0		ppb v/v		110	74 - 126
tert-Butylbenzene	10	10.8		ppb v/v		108	71 - 125
1,2,4-Trimethylbenzene	10	10.9		ppb v/v		109	71 - 129
sec-Butylbenzene	10	11.0		ppb v/v		110	70 - 128
4-Isopropyltoluene	10	11.1		ppb v/v		111	68 - 130
1,3-Dichlorobenzene	10	10.4		ppb v/v		104	69 - 131
1,4-Dichlorobenzene	10	10.5		ppb v/v		105	67 - 132
Benzyl chloride	10	12.1		ppb v/v		121	60 - 136
n-Butylbenzene	10	11.8		ppb v/v		118	65 - 137
1,2-Dichlorobenzene	10	10.4		ppb v/v		104	68 - 129
1,2,4-Trichlorobenzene	10	11.4		ppb v/v		114	50 - 150
Hexachlorobutadiene	10	11.7		ppb v/v		117	58 - 130
Naphthalene	10	12.0		ppb v/v		120	50 - 150

QC Association Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201630-1

Air - GC/MS VOA

Analysis Batch: 183580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201630-5	OA-1	Total/NA	Air	TO-15	
MB 200-183580/4	Method Blank	Total/NA	Air	TO-15	
LCS 200-183580/3	Lab Control Sample	Total/NA	Air	TO-15	

Analysis Batch: 183619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201630-1	SV-1	Total/NA	Air	TO-15	
480-201630-1 - DL	SV-1	Total/NA	Air	TO-15	
480-201630-2	SV-2	Total/NA	Air	TO-15	
480-201630-2 - DL	SV-2	Total/NA	Air	TO-15	
480-201630-3	SV-3	Total/NA	Air	TO-15	
480-201630-3 - DL	SV-3	Total/NA	Air	TO-15	
480-201630-4	SV-4	Total/NA	Air	TO-15	
480-201630-4 - DL	SV-4	Total/NA	Air	TO-15	
MB 200-183619/4	Method Blank	Total/NA	Air	TO-15	
LCS 200-183619/3	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201630-1

Client Sample ID: SV-1
Lab Sample ID: 480-201630-1
Date Collected: 09/12/22 13:31
Matrix: Air
Date Received: 09/13/22 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	183619	K1P	EET BUR	09/16/22 20:08
Total/NA	Analysis	TO-15	DL	4	183619	K1P	EET BUR	09/16/22 21:03

Client Sample ID: SV-2
Lab Sample ID: 480-201630-2
Date Collected: 09/12/22 12:12
Matrix: Air
Date Received: 09/13/22 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	183619	K1P	EET BUR	09/16/22 21:57
Total/NA	Analysis	TO-15	DL	5	183619	K1P	EET BUR	09/16/22 22:52

Client Sample ID: SV-3
Lab Sample ID: 480-201630-3
Date Collected: 09/12/22 13:00
Matrix: Air
Date Received: 09/13/22 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	183619	K1P	EET BUR	09/16/22 23:46
Total/NA	Analysis	TO-15	DL	2.98	183619	K1P	EET BUR	09/17/22 00:40

Client Sample ID: SV-4
Lab Sample ID: 480-201630-4
Date Collected: 09/12/22 13:48
Matrix: Air
Date Received: 09/13/22 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	183619	K1P	EET BUR	09/17/22 01:34
Total/NA	Analysis	TO-15	DL	4	183619	K1P	EET BUR	09/17/22 02:28

Client Sample ID: OA-1
Lab Sample ID: 480-201630-5
Date Collected: 09/12/22 14:28
Matrix: Air
Date Received: 09/13/22 10:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	183580	K1P	EET BUR	09/15/22 16:40

Laboratory References:
EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201630-1

Laboratory: Eurofins Burlington

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10391	04-01-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	4-Ethyltoluene
TO-15		Air	4-Isopropyltoluene
TO-15		Air	Chlorodifluoromethane
TO-15		Air	Methyl Butyl Ketone (2-Hexanone)
TO-15		Air	n-Butane
TO-15		Air	n-Butylbenzene
TO-15		Air	n-Propylbenzene
TO-15		Air	sec-Butylbenzene
TO-15		Air	tert-Butylbenzene
TO-15		Air	Tetrahydrofuran

Method Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201630-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	EET BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201630-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-201630-1	SV-1	Air	09/12/22 13:31	09/13/22 10:35	Air Canister (6-Liter) #4332
480-201630-2	SV-2	Air	09/12/22 12:12	09/13/22 10:35	Air Canister (6-Liter) #5605
480-201630-3	SV-3	Air	09/12/22 13:00	09/13/22 10:35	Air Canister (6-Liter) #5413
480-201630-4	SV-4	Air	09/12/22 13:48	09/13/22 10:35	Air Canister (6-Liter) #4472
480-201630-5	OA-1	Air	09/12/22 14:28	09/13/22 10:35	Air Canister (6-Liter) #34001295

Flow Controller (FC) Set Flow Rate and Pressure Gauge Leak Check Record

Pre-Shipment Check						Post-Sampling Check (PSC)						
Date Performed		Analyst	Temp (°C)	BP ("Hg)	FM ID	*PSC is performed when pressure of a canister is not within criteria and the FC used for sampling was returned with the canister (in same shipment)*						
8/1/22			22.0	29.6	F8							
FC ID	Sampling Time	Flow Rate	Control Gauge		FC Gauge		Flow Rate	Control Gauge		FC Gauge		PSC Code	Shipping Order
			Initial ("Hg)	Final ("Hg)	Initial ("Hg)	Final ("Hg)		Initial ("Hg)	Final ("Hg)	Initial ("Hg)	Final ("Hg)		
4505	2hr	40.3	25	25	25	25							
4726		40.5	25	25	25	25							
4792		40.3	25	25	28	28							
2937		40.4	25	25	25	25							
3118		40.5	25	25	24	24							
6034		40.2	25	25	26	26							
3932	1hr	10.1	25	25	22	22							
5168		99.0	25	25	25	25							
4522		98.0	25	25	26	26							
5203	24hr	3.4	25	25	25	25							
3181		3.3	25	25	25	25							
2996		3.	25	25									
4394		3.2	25	25	24	24							
6158		3.4	25	25	26	26							
3741	4hr	20.1	25	25	20	20	20.2	NA	NA	NA	NA	1	
2829		20.0	25	25	26	26	16.7	NA	NA	NA	NA	1	
3740		20.4	25	25	25	25	9.5	NA	NA	NA	NA	1	
2664		20.3	25	25	26	26							
6228		20.5	25	25	26	26							

8/1/22

Pre-Shipment Criteria:

The pre-shipment flow rate must be within the range specified in the set flow rate table for the sampling time requested.
The difference between initial and final pressure readings for the control gauge and the FC gauge must be zero.

6L Canister: Set Flow Rates for Various Sampling Times (mL/min)

Time	30 min	50 min	1 hour	2 hour	4 hour	6 hour	8 hour	10 hour	12 hour	16 hour	24 hour	24 hour (W)
Flow Rate	150-195	95-105	79-81	39.5-40.5	19.5-20.5	13.3-13.7	9.8-10.2	7.8-8.2	6.5-6.9	4.9-5.1	3.2-3.4	2.7-2.9

NA = Sampling Time is not applicable to canister size W=Winter Setting

1L Canister: Set Flow Rates for Various Sampling Times (mL/min)

Time	5 min*	10 min*	20 min*	40 min*	1 hour*	2 hour*	4 hour*
Flow Rate	150-195	95-105	39.5-40.5	19.5-20.5	13.3-13.7	6.5-6.9	3.2-3.4
**6L equivalent*	*30 min*	*50 min*	*2 hour*	*4 hour*	*6 hour*	*12 hour*	*24 hour*

Post Sampling Check Supporting Information:

Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID	Code	Date	Analyst	Temp (°C)	BP ("Hg)	FM ID
1	9/15/22	MS	22	29.8	F8	5					
2						6					
3						7					
4						8					

Post-Sampling Air Canister Pressure Check Record

Login # (w/ Location Code)	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gauge ID	Analyst
480-201630	09/15/22	8:09	29.8	22	G34	VP

Sampling Information and Return Equipment Check	Yes	N o	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?		X	
(2) Is the flow controller ID used for each canister recorded?	X		
(3) MA MCP & NJ DKQP: Check return flow rate for flow controllers		X	
(4) Is visible sign of damage to canister and/or flow controller (FC) present?		X	
If damage observed, list equipment IDs and describe condition:			

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Check[4] Reference	FC Return (Y/N)	Can Cert Batch ID	Comments
480-201630-A-1	4332	-8.2	N	3664	92/45	Y	4555-52035	
480-201630-A-2	5605	-14.9	Y	3741	92/45	Y	4555-52035	
480-201630-A-3	5413	-7.9	N	6228	92/45	Y	4555-52035	
480-201630-A-4	4472	-10.1	Y	2829	92/45	Y	4555-52035	
480-201630-A-5	34001295	-14.5	Y	3740	92/45	Y	4555-52035	

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg) with the exception of grab samples or those using 100 or 200mL/minute flow controllers. These samples must be returned at no lower than -10"Hg, but have no specific criteria otherwise.

[2] If return pressure is not within criteria, initiate Non-Conformance Memo.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

[4] Record the Flow Controller Set Flow Rate Logbook ID and Page number in which the original FC Check was recorded

Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802 660.1990 fax 802 660.1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples

eurofins | Environment Testing America

Andy Janik/Adam Zebrowski

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact Information	**Client Project Manager:** [redacted]	**Samples Collected By:** A. K. Coons	COC No
Company Name. LaBella Associates	**Phone:**		1 of 1 COCs
Address. 500 Pearl St.	**Email:** azebrowski@labellapc.com		TALS Project #:
City/State/Zip Buffalo, NY	ajanik@labellapc.com		**For Lab Use Only:**
Phone	**Site Contact:** Andrew Koons		Walk-in Client:
FAX	**Tel/Fax** 716.417.9150		Lab Sampling
Project Name 145 Genesee St	**Analysis Turnaround Time**		
Site/Location Buffalo, NY	Standard (Specific)		Job / SDG No
P O #	Rush (Specifiy).		(See below for Add'l Items)

Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-14(15) Standard / Low Level	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Type	Indoor Air/Ambient Air	Sub-Slab	Soil Gas	Soil Vapor Extraction (SVE)	Landfill Gas	Other (Please specify in notes section)	Sample Specific Notes:
SV-1	9/12/22	0903	9/12/22	1331	-30	-7	3664	4332	X														
SV-2		0920		1212	-22	-6	3741	5605	X														
SV-3		0913		1300	-30	-7	6228	5413	X														
SV-4		0907		1348	-30	-9	2829	4472	X														
OA-1		0929		1428	-29	-11	3740	3400925	X														

Temperature (Fahrenheit)			
Start	Interior	Ambient	
Stop			

Pressure (inches of Hg)			
Start	Interior	Ambient	
Stop			

480-201630 Chain of Custody

Special Instructions/QC Requirements & Comments:

Samples Shipped by: Andrew Koons	**Date / Time:** 9/12/22	**Samples Received by:** [redacted]	9/13/22 10:35 TAL SYR
Samples Relinquished by:	**Date / Time:**	**Received by:**	
Relinquished by:	**Date / Time:**	**Received by:**	
Lab Use Only: **Shipper Name:**	**Opened by:**	**Condition:**	

Form No. CA-C-WI-003, Rev. 2.28, dated 1/8/2021

9/19/2022

ORIGIN ID:BUFA (716) 422-2809
CYNTHIA ATKINSON

300 PEARL STREET
STE # 130
BUFFALO, NY 14202
UNITED STATES US

SHIP DATE: 12SEP22
ACTWGT: 3.00 LB
CAD: 250614734/INET4530

BILL RECIPIENT

TO **LAB**
EUROFINS TEST AMERICA, BURLINGTON
530 COMMUNITY DRIVE
STE # 11
SOUTH BURLINGTON VT 05403
(802) 660-1990 REF: ANDREW KOONS
INV:
PO DEPT.

FedEx Express

1 of 2

TRK# 0201 **7779 1017 9480**

MASTER

TUE - 13 SEP 4:30P
STANDARD OVERNIGHT
DSR

NL BTVA

05403
VT-US **BTV**

ORIGIN ID:BUFA (716) 422-2809
CYNTHIA ATKINSON

300 PEARL STREET
STE # 130
BUFFALO, NY 14202
UNITED STATES US

SHIP DATE: 12SEP22
ACTWGT: 32.00 LB
CAD: 250614734/INET4530

BILL RECIPIENT

TO: LAB
EUROFINS TEST AMERICA, BURLINGTON
530 COMMUNITY DRIVE
STE # 11
SOUTH BURLINGTON VT 05403
(802) 660-1990 REF. ANDREW KOONS
INV:
PO. DEPT

581J1/EC8C/FE2D

FedEx Express

J223022081201uv

2 of 2
MPS# .0263 7779 1017 9790
Mstr# 7779 1017 9480

0201

TUE - 13 SEP 4:30P
STANDARD OVERNIGHT
DSR
05403
BTV
VT-US

NL BTVA

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-201630-1

Login Number: 201630
List Number: 1
Creator: Dawicki, Don C

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	NA: Lab does not accept radioactive samples
The cooler's custody seal, if present, is intact.	True	1951150, 1151
The cooler or samples do not appear to have been compromised or tampered with.	N/A	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-201630-1

Login Number: 201630
List Number: 2
Creator: Dawicki, Don C

List Source: Eurofins Burlington
List Creation: 09/15/22 08:03 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Pre-Shipment Clean Canister Certification Report

Canister Cleaning & Pre-Shipment Leak Test

System ID	Max DF#	# Cycles	Cleaning Start Date/Time		System Start Temp(s):		Technician	Can Size	Certification Type:
Bottom Rack	10	25	8/9/2022	1100	23		TPB	6 liter	batch

Port	Can ID	Initial[1] (psia)	Final (psia)	Diff.[3]	Final ("Hg)	Initial Reading Gauge:	Date:	Time:	Tech:	Temp:	Final Reading Gauge:	Date:	Time:	Tech:	Temp:
1	5893	.04	.04	0	29.4	G26	8/11/22	0650	DPB	22	G26	8/31/22	1303	C	22.0
2	5123		.04	0		G26					G26				
3	3273		.04	0		G26					G26				
4	5605		.04	0		G26					G26				
5	4472		.04	0		G26					G26				
6	5413		.04	0		G26					G26				
7	34001295		.04	0		G26					G26				
8	4810		.14	.10		G26					G26				
9	3217		.04	0		G26					G26				
10	3042		.04	0		G26					G26				
11	4555	.04	.04	0	29.6	G26	8/31/22	1347	C	22.0	G26	9/1/22	1435	DPB	22
12	4332	.04	.04	0	29.4	G26	8/4/22	0700	DPB	22	G26	8/31/22	1303	C	22.0

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐TO15 Routine ☐ TO15 LL

Can ID	Date	Sequence	Analyst	Inventory Level 1	2	3	4	Secondary Review Limited	Review Date	Review
4555	8/12/2022	52035	KP1		xxxx				8/12/2022	CC

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).

Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).

Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).

Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Comments:

4555

200-1642676

Summa Canister 6L

200-64473-A-11

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-64473-1

SDG No.:

Client Sample ID: 4555 Lab Sample ID: 200-64473-11

Matrix: Air Lab File ID: 52035-06.D

Analysis Method: TO-15 Date Collected: 08/09/2022 11:00

Sample wt/vol: 1000(mL) Date Analyzed: 08/11/2022 12:52

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 182560 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.040	U	0.040	0.040
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene(Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.040	U	0.040	0.040
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.040	U	0.040	0.040
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-64473-1

SDG No.:

Client Sample ID: 4555 Lab Sample ID: 200-64473-11

Matrix: Air Lab File ID: 52035-06.D

Analysis Method: TO-15 Date Collected: 08/09/2022 11:00

Sample wt/vol: 1000(mL) Date Analyzed: 08/11/2022 12:52

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 182560 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
56-23-5	Carbon tetrachloride	0.040	U	0.040	0.040
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.040	U	0.040	0.040
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-64473-1

SDG No.:

Client Sample ID: 4555 Lab Sample ID: 200-64473-11

Matrix: Air Lab File ID: 52035-06.D

Analysis Method: TO-15 Date Collected: 08/09/2022 11:00

Sample wt/vol: 1000(mL) Date Analyzed: 08/11/2022 12:52

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 182560 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHC.i\20220811-52035.b\52035-06.D
Lims ID: 200-64473-A-11
Client ID: 4555
Sample Type: Client
Inject. Date: 11-Aug-2022 12:52:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0052035-006
Operator ID: CRC Instrument ID: CHC.i

Method: \\chromfs\Burlington\ChromData\CHC.i\20220811-52035.b\TO15_MasterMethod_(v1)_CHC.i.m
Limit Group: AI_TO15_ICAL
Last Update: 12-Aug-2022 10:42:12 Calib Date: 21-Jul-2022 00:30:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHC.i\20220720-51757.b\51757-13.D

Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
Process Host: CTX1624

First Level Reviewer: puangmaleek Date: 12-Aug-2022 10:42:12

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1	Propene	41		2.815				ND	
2	Dichlorodifluoromethane	85		2.874				ND	7
3	Chlorodifluoromethane	51		2.911				ND	7
4	1,2-Dichloro-1,1,2,2-tetrafluoro	85		3.104				ND	7
5	Chloromethane	50		3.205				ND	7
6	Butane	43		3.392				ND	
7	Vinyl chloride	62		3.418				ND	
8	Butadiene	54		3.488				ND	
9	Bromomethane	94		4.064				ND	
10	Chloroethane	64		4.278				ND	
13	Vinyl bromide	106		4.646				ND	
14	Trichlorofluoromethane	101		4.758				ND	
16	Ethanol	45		5.329				ND	
19	1,1,2-Trichloro-1,2,2-trifluoroe	101		5.793				ND	
20	1,1-Dichloroethene	96		5.799				ND	
21	Acetone	43		6.007				ND	7
22	Carbon disulfide	76		6.156				ND	7
23	Isopropyl alcohol	45		6.386				ND	
24	3-Chloro-1-propene	41		6.535				ND	7
26	Methylene Chloride	49		6.807				ND	7
28	2-Methyl-2-propanol	59		7.165				ND	
29	trans-1,2-Dichloroethene	61		7.266				ND	
30	Methyl tert-butyl ether	73		7.298				ND	
32	Hexane	57		7.709				ND	7
33	1,1-Dichloroethane	63		8.088				ND	
34	Vinyl acetate	43		8.200				ND	
35	cis-1,2-Dichloroethene	96		9.166				ND	
36	2-Butanone (MEK)	72		9.225				ND	
37	Ethyl acetate	88		9.326				ND	
* 38	Chlorobromomethane	128	9.599	9.599	0.000	77	159778	20.0	
39	Tetrahydrofuran	42		9.689				ND	
40	Chloroform	83		9.764				ND	

	Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
	41 1,1,1-Trichloroethane	97		10.036				ND	
	42 Cyclohexane	84		10.047				ND	
S	43 1,2-Dichloroethene, Total	61		10.200				ND	7
	44 Carbon tetrachloride	117		10.303				ND	
	45 Benzene	78		10.714				ND	
	46 Isooctane	57		10.783				ND	
	47 1,2-Dichloroethane	62		10.863				ND	
	48 n-Heptane	43		11.189				ND	
*	49 1,4-Difluorobenzene	114	11.563	11.563	0.000	93	896411	20.0	
	50 Trichloroethene	95		12.027				ND	
	53 1,2-Dichloropropane	63		12.518				ND	
	56 Dibromomethane	174		12.769				ND	7
	55 Methyl methacrylate	69		12.779				ND	
	57 1,4-Dioxane	88		12.833				ND	
	58 Dichlorobromomethane	83		13.100				ND	
	59 cis-1,3-Dichloropropene	75		14.060				ND	
	61 4-Methyl-2-pentanone (MIBK)	43		14.397				ND	
	62 Toluene	92		14.679				ND	
	66 trans-1,3-Dichloropropene	75		15.272				ND	
	67 1,1,2-Trichloroethane	83		15.629				ND	
	68 Tetrachloroethene	166		15.811				ND	
	69 2-Hexanone	43		16.152				ND	
	70 Chlorodibromomethane	129		16.403				ND	
	71 Ethylene Dibromide	107		16.643				ND	
*	72 Chlorobenzene-d5	117	17.588	17.588	0.000	85	792199	20.0	
	73 Chlorobenzene	112		17.647				ND	7
	74 Ethylbenzene	91		17.828				ND	7
	76 m-Xylene & p-Xylene	106		18.084				ND	
	77 o-Xylene	106		18.912				ND	
	78 Styrene	104		18.960				ND	
	80 Bromoform	173		19.365				ND	
	81 Isopropylbenzene	105		19.669				ND	
S	82 Xylenes, Total	106		20.100				ND	7
	83 1,1,2,2-Tetrachloroethane	83		20.363				ND	
	85 N-Propylbenzene	91		20.481				ND	7
	86 2-Chlorotoluene	91		20.678				ND	7
	87 4-Ethyltoluene	105		20.694				ND	7
	89 1,3,5-Trimethylbenzene	105		20.817				ND	7
	91 tert-Butylbenzene	119		21.340				ND	7
	92 1,2,4-Trimethylbenzene	105		21.441				ND	7
	93 sec-Butylbenzene	105		21.692				ND	7
	95 1,3-Dichlorobenzene	146		21.911				ND	MU
	94 4-Isopropyltoluene	119		21.916				ND	7
	96 1,4-Dichlorobenzene	146		22.055				ND	MU
	97 Benzyl chloride	91		22.247				ND	7
	98 n-Butylbenzene	91		22.503				ND	7
	100 1,2-Dichlorobenzene	146		22.583				ND	7
	102 1,2,4-Trichlorobenzene	180		24.889				ND	MU
	103 Hexachlorobutadiene	225		25.097				ND	7
	104 Naphthalene	128		25.284				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

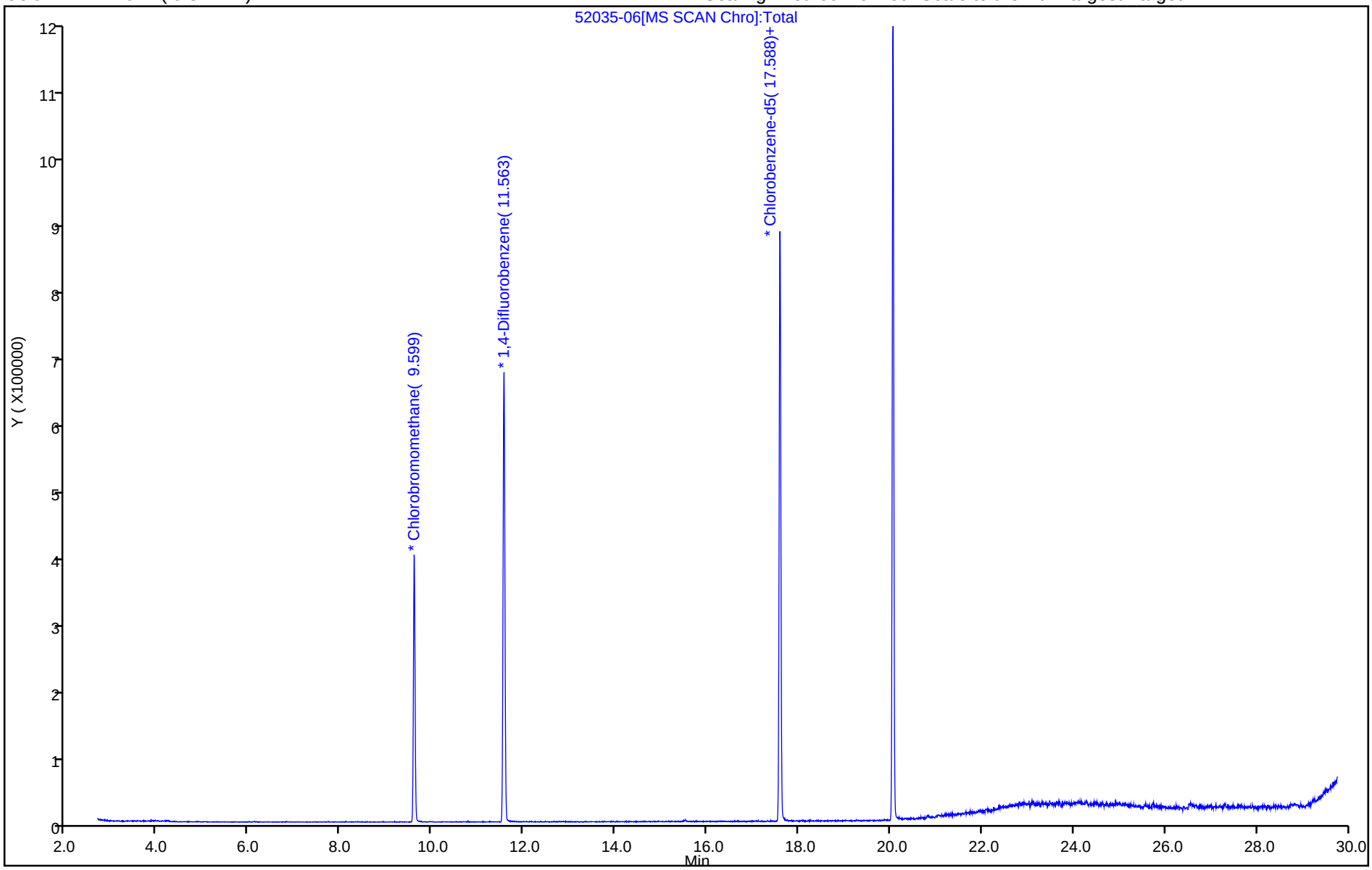
ATTO15CISs_00011 Amount Added: 40.00 Units: mL Run Reagent

Report Date: 12-Aug-2022 10:42:12 Chrom Revision: 2.3 08-Aug-2022 16:03:06

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220811-52035.b\52035-06.D				
Injection Date:	11-Aug-2022 12:52:30	Instrument ID:	CHC.i	Operator ID:	CRC
Lims ID:	200-64473-A-11	Lab Sample ID:	200-64473-11	Worklist Smp#:	6
Client ID:	4555				
Purge Vol:	200.000 mL	Dil. Factor:	0.2000	ALS Bottle#:	5
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		

Column: RTX-624 (0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



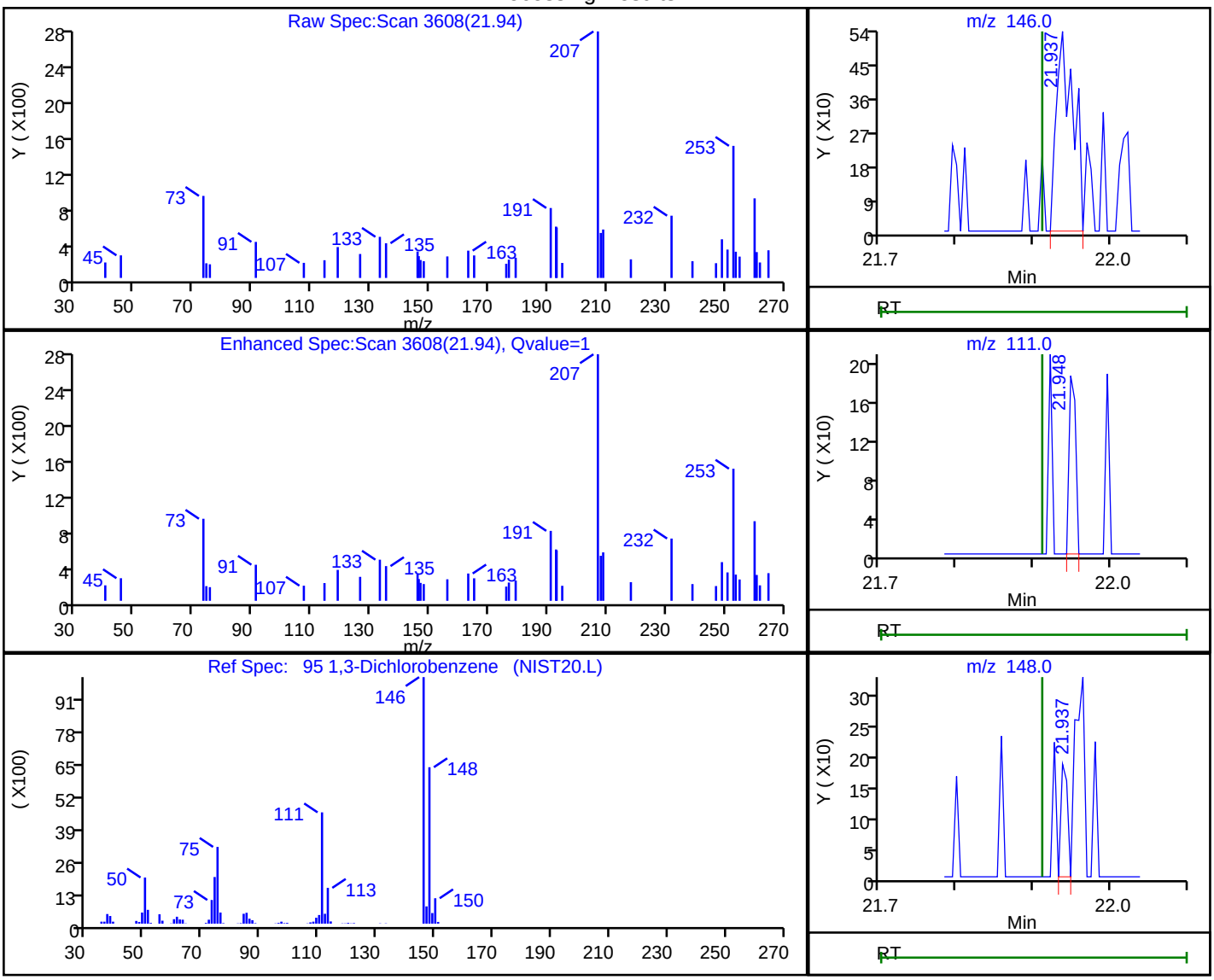
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220811-52035.b\52035-06.D				
Injection Date:	11-Aug-2022 12:52:30	Instrument ID:	CHC.i		
Lims ID:	200-64473-A-11	Lab Sample ID:	200-64473-11		
Client ID:	4555				
Operator ID:	CRC	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

95 1,3-Dichlorobenzene, CAS: 541-73-1

Processing Results



RT	Mass	Response	Amount
21.94	146.00	812	0.011901
21.95	111.00	109	
21.94	148.00	110	

Reviewer: puangmaleek, 12-Aug-2022 10:41:56

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

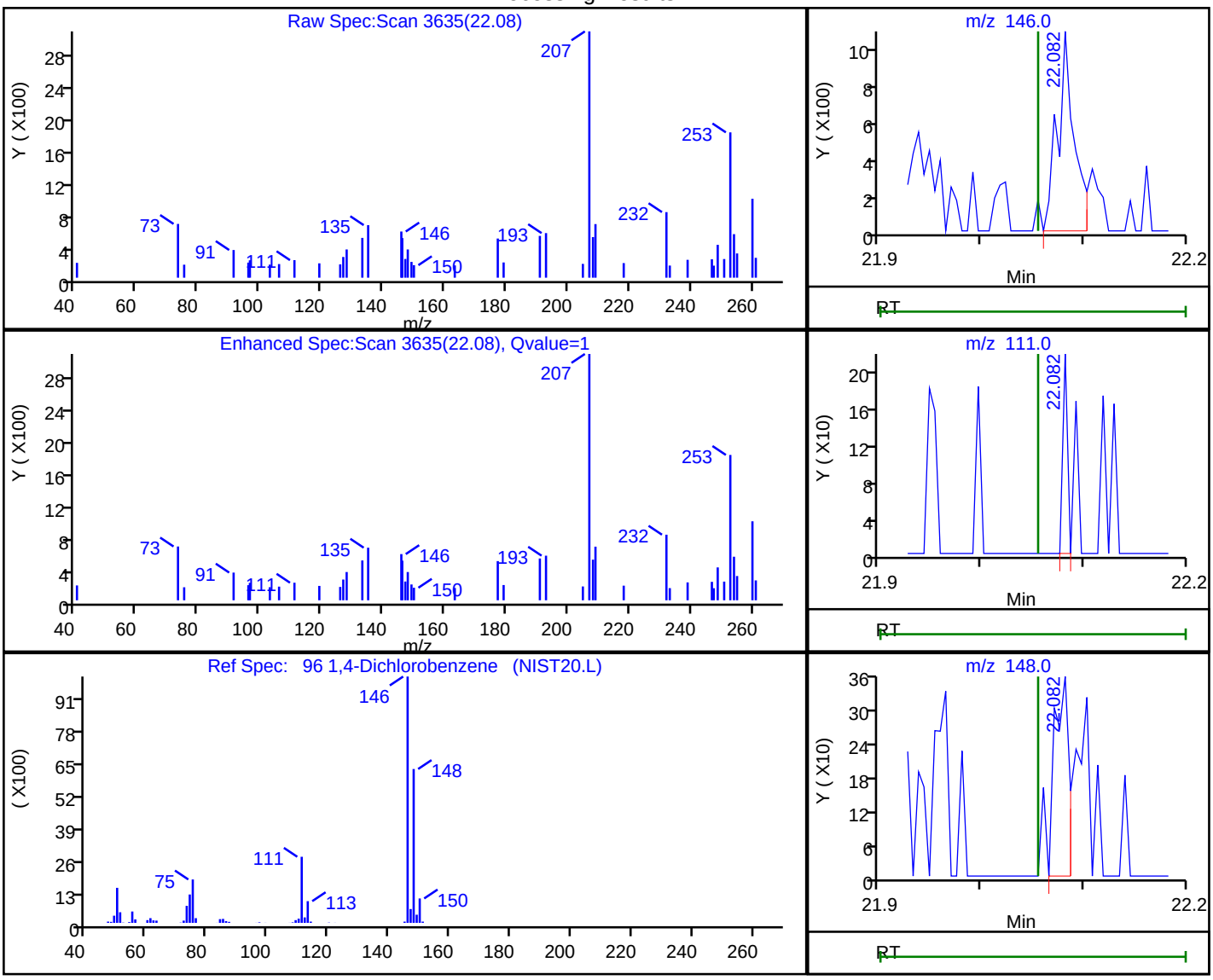
User Disabled Compound Report

Eurofins Burlington

Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220811-52035.b\52035-06.D				
Injection Date:	11-Aug-2022 12:52:30	Instrument ID:	CHC.i		
Lims ID:	200-64473-A-11	Lab Sample ID:	200-64473-11		
Client ID:	4555				
Operator ID:	CRC	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

96 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results



RT	Mass	Response	Amount
22.08	146.00	1222	0.017669
22.08	111.00	70	
22.08	148.00	341	

Reviewer: puangmaleek, 12-Aug-2022 10:41:59

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

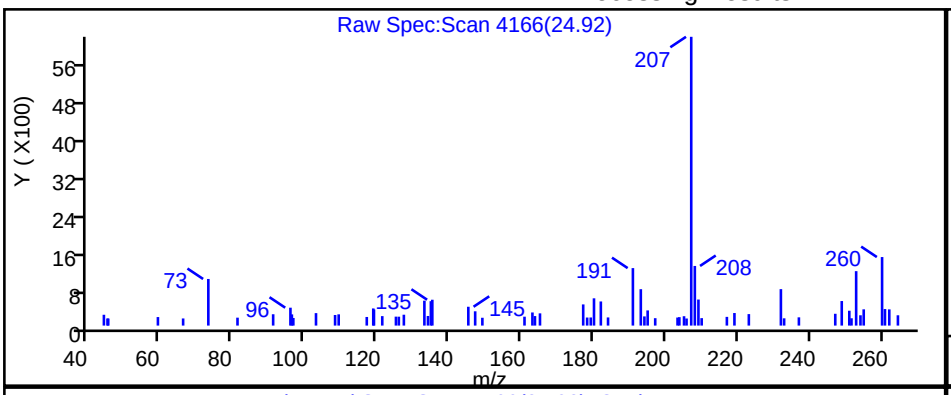
User Disabled Compound Report

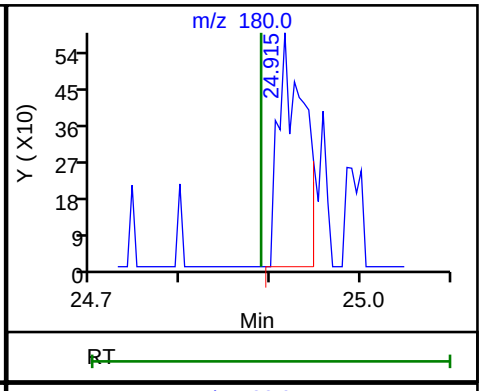
Eurofins Burlington

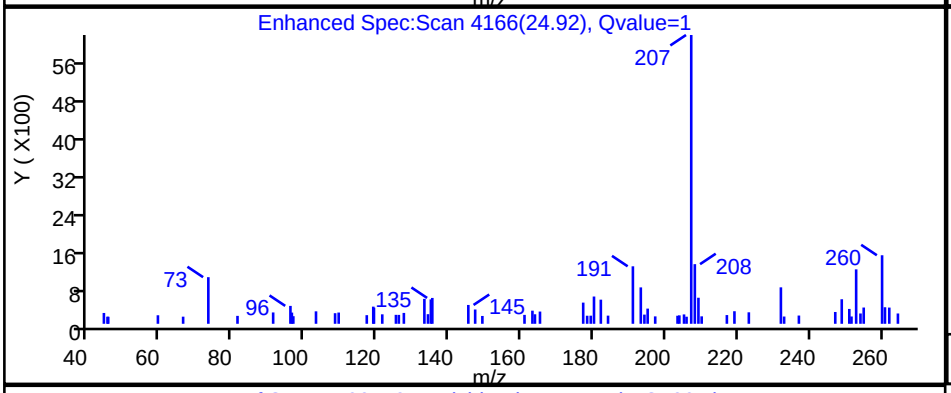
Data File:	\\chromfs\Burlington\ChromData\CHC.i\20220811-52035.b\52035-06.D				
Injection Date:	11-Aug-2022 12:52:30	Instrument ID:	CHC.i		
Lims ID:	200-64473-A-11	Lab Sample ID:	200-64473-11		
Client ID:	4555				
Operator ID:	CRC	ALS Bottle#:	5	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_MasterMethod_(v1)_CHC.i	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector	MS SCAN		

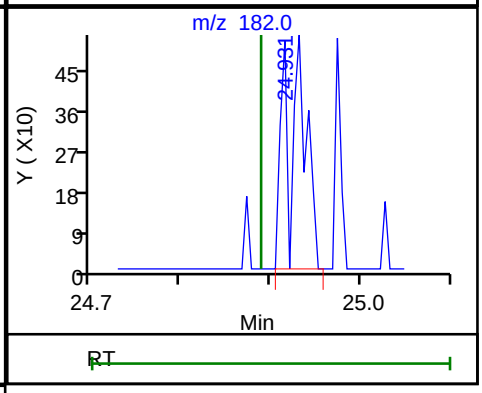
102 1,2,4-Trichlorobenzene, CAS: 120-82-1

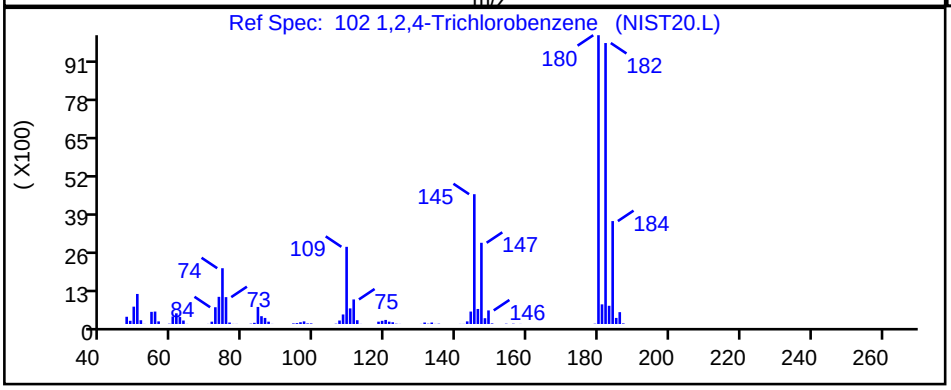
Processing Results











RT	Mass	Response	Amount
24.92	180.00	1139	0.017206
24.93	182.00	795	

Reviewer: puangmaleek, 12-Aug-2022 10:42:02

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Summa Canister Dilution Worksheet

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job No.: 480-201630-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initals
480-201630-2	6	-14.1	0.53	3.17	-2.89781	0.80	4.82		1.52	1.52	g33	09/15/22 11:02	VTP
480-201630-5	6	-14.5	0.52	3.09	-2.75046	0.81	4.88		1.58	1.58	g33	09/15/22 13:35	VTP

Formulae:

Preadjusted Volume (L) = ((Preadjusted Pressure ("Hg) + 29.92 "Hg) * Vol L) / 29.92 "Hg
Adjusted Volume (L) = ((Adjusted Pressure (psig) + 14.7 psig)* Vol L) / 14.7 psig
Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)
14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Chris Kibler
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Generated 10/25/2024 3:11:32 PM

JOB DESCRIPTION

145 Ganson St - Test PIts

JOB NUMBER

480-224493-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

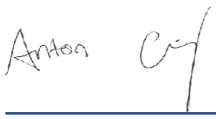
my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



Generated
10/25/2024 3:11:32 PM

Authorized for release by
Anton Gruning, Project Management Assistant I
Anton.Gruning@et.eurofinsus.com
Designee for
Brian Fischer, Manager of Project Management
Brian.Fischer@et.eurofinsus.com
(716)504-9835

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Detection Summary 8
Client Sample Results 12
Surrogate Summary 32
QC Sample Results 34
QC Association Summary 51
Lab Chronicle 54
Certification Summary 57
Method Summary 58
Sample Summary 59
Chain of Custody 60
Receipt Checklists 61

Definitions/Glossary

Client: LaBella Associates DPC
Job ID: 480-224493-1
Project/Site: 145 Ganson St - Test PIts

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable limits.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^5-	Linear Range Check (LRC) is outside acceptance limits, low biased.
^5+	Linear Range Check (LRC) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
480-224493-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/17/2024 3:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 6.9°C.

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 480-728936 recovered above the upper control limit for Chloromethane and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: TP-27 (2.0-3.0) (480-224493-4).

Method 8260C: The method blank for analytical batch preparation batch 480-728938 and analytical batch 480-728936 contained Methylene Chloride below the reporting limit (RL). This compound is considered a common laboratory contaminant. The associated sample(s) was not re-extracted and/or re-analyzed because the concentration of the common lab contaminant in the samples was similar to the concentration in the method blank. The following sample is impacted: TP-27 (2.0-3.0) (480-224493-4).

Method 8260C: The following sample was analyzed using medium level soil analysis and diluted due to the nature of the sample matrix: TP-27 (2.0-3.0) (480-224493-4). Elevated reporting limits (RLs) are provided.

Method 8260C: Internal standard (ISTD) response for the following sample was outside control limits: TP-28 (2.0-3.0) (480-224493-5). The sample(s) was re-extracted and/or re-analyzed and ISTD response was outside control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270D: The following samples: TP-25 (2.0-3.0) (480-224493-1) and TP-26 (5.0-6.0) (480-224493-3) were decanted prior to preparation.

Method 8270D: The following samples were diluted due to color, appearance, and viscosity: TP-25 (2.0-3.0) (480-224493-1) and TP-28 (2.0-3.0) (480-224493-5). Elevated reporting limits (RL) are provided.

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-729241 recovered above the upper control limit for 2-Nitroaniline. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: TP-25 (2.0-3.0) (480-224493-1), TP-25 (6.0-7.0) (480-224493-2), TP-26 (5.0-6.0) (480-224493-3), TP-27 (2.0-3.0) (480-224493-4) and TP-28 (2.0-3.0) (480-224493-5).

Method 8270D: The following compound has been spiked at a level above the upper range of the initial calibration: Atrazine. The laboratory control sample (LCS) associated with preparation batch 480-728928 and analytical batch 480-729241 recovered within acceptable limits for this analyte and has been qualified with an "E" flag.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6010D: The linear range check (LRC) standard recovery associated with 480-729582 is outside the acceptance criteria for the following analytes: Silver, Aluminum, Beryllium, Chromium, Copper, Manganese, and Zinc. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported: TP-25 (2.0-3.0) (480-224493-1).

Job ID: 480-224493-1 (Continued) Eurofins Buffalo

Method 6010D: The linear range check (LRC) standard recovery associated with 480-729582 is outside the acceptance criteria for the following analytes: Silver, Aluminum, Beryllium, Calcium, Chromium, Copper, Manganese, and Zinc. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported: TP-25 (6.0-7.0) (480-224493-2).

Method 6010D: The linear range check (LRC) standard recovery associated with 480-729582 is outside the acceptance criteria for the following analytes: Silver, Aluminum, Beryllium, Chromium, Copper, Manganese, and Zinc. The concentration of these analytes are below those found in acceptable continuing calibration verifications (CCV) and/or laboratory control samples (LCS); therefore, the data have been reported: TP-26 (5.0-6.0) (480-224493-3).

Method 6010D: The linear range check (LRC) standard recovery associated with 480-729582 is outside the acceptance criteria for the following analytes: Silver, Aluminum, Beryllium, Chromium, Copper, and Zinc. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported: TP-27 (2.0-3.0) (480-224493-4).

Method 6010D: The linear range check (LRC) standard recovery associated with 480-729582 is outside the acceptance criteria for the following analytes: Silver, Aluminum, Beryllium, Calcium, Copper, Manganese, and Zinc. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported: TP-28 (2.0-3.0) (480-224493-5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson St - Test PIts

Job ID: 480-224493-1

Client Sample ID: TP-25 (2.0-3.0) — Lab Sample ID: 480-224493-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	9.3	J	33	2.4	ug/Kg	1	☼	8260C	Total/NA
Acetone	61		33	5.5	ug/Kg	1	☼	8260C	Total/NA
2-Methylnaphthalene	8800		940	190	ug/Kg	5	☼	8270D	Total/NA
Acenaphthene	610	J	940	140	ug/Kg	5	☼	8270D	Total/NA
Anthracene	610	J	940	230	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]anthracene	180	J	940	94	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	200	J	940	140	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	260	J	940	150	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	170	J	940	99	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	130	J	940	120	ug/Kg	5	☼	8270D	Total/NA
Chrysene	210	J	940	210	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	380	J	940	99	ug/Kg	5	☼	8270D	Total/NA
Fluorene	2800		940	110	ug/Kg	5	☼	8270D	Total/NA
Naphthalene	1400		940	120	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	3200		940	140	ug/Kg	5	☼	8270D	Total/NA
Pyrene	690	J	940	110	ug/Kg	5	☼	8270D	Total/NA
Aluminum	3780	^5+	11.2	9.6	mg/Kg	1	☼	6010D	Total/NA
Arsenic	6.3		2.2	0.98	mg/Kg	1	☼	6010D	Total/NA
Barium	30.4		0.56	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.38	^5-	0.22	0.045	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.27		0.22	0.078	mg/Kg	1	☼	6010D	Total/NA
Calcium	70400		55.9	30.2	mg/Kg	1	☼	6010D	Total/NA
Chromium	5.8	^5-	0.56	0.40	mg/Kg	1	☼	6010D	Total/NA
Cobalt	7.0		0.56	0.11	mg/Kg	1	☼	6010D	Total/NA
Copper	16.7	^5+	1.1	0.64	mg/Kg	1	☼	6010D	Total/NA
Iron	13100		11.2	9.5	mg/Kg	1	☼	6010D	Total/NA
Lead	42.8		1.1	0.51	mg/Kg	1	☼	6010D	Total/NA
Magnesium	2990		22.4	9.5	mg/Kg	1	☼	6010D	Total/NA
Manganese	187	^5-	1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Nickel	18.3		5.6	0.28	mg/Kg	1	☼	6010D	Total/NA
Potassium	570		33.5	27.1	mg/Kg	1	☼	6010D	Total/NA
Sodium	110	J	157	68.5	mg/Kg	1	☼	6010D	Total/NA
Vanadium	10.1		0.56	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	45.1	^5-	2.2	1.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.025		0.022	0.0051	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-25 (6.0-7.0) — Lab Sample ID: 480-224493-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	6.5	J	22	1.6	ug/Kg	1	☼	8260C	Total/NA
Acetone	72		22	3.7	ug/Kg	1	☼	8260C	Total/NA
Aluminum	10300	^5+	12.1	10.4	mg/Kg	1	☼	6010D	Total/NA
Arsenic	5.8		2.4	1.1	mg/Kg	1	☼	6010D	Total/NA
Barium	57.0		0.60	0.17	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.59	^5-	0.24	0.048	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.21	J	0.24	0.085	mg/Kg	1	☼	6010D	Total/NA
Calcium	1010	^5-	60.4	32.6	mg/Kg	1	☼	6010D	Total/NA
Chromium	14.2	^5-	0.60	0.43	mg/Kg	1	☼	6010D	Total/NA
Cobalt	8.6		0.60	0.12	mg/Kg	1	☼	6010D	Total/NA
Copper	21.2	^5+	1.2	0.69	mg/Kg	1	☼	6010D	Total/NA
Iron	19300		12.1	10.2	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP-25 (6.0-7.0) (Continued)

Lab Sample ID: 480-224493-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	12.2		1.2	0.56	mg/Kg	1	☼	6010D	Total/NA
Magnesium	2430		24.2	10.2	mg/Kg	1	☼	6010D	Total/NA
Manganese	146	^5-	1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Nickel	26.0		6.0	0.30	mg/Kg	1	☼	6010D	Total/NA
Potassium	1760		36.2	29.3	mg/Kg	1	☼	6010D	Total/NA
Sodium	187		169	74.1	mg/Kg	1	☼	6010D	Total/NA
Vanadium	21.5		0.60	0.16	mg/Kg	1	☼	6010D	Total/NA
Zinc	55.3	^5-	2.4	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.023		0.023	0.0054	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-26 (5.0-6.0)

Lab Sample ID: 480-224493-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	21	J	27	2.0	ug/Kg	1	☼	8260C	Total/NA
Acetone	99		27	4.6	ug/Kg	1	☼	8260C	Total/NA
Methyl tert-butyl ether	1.2	J	5.5	0.54	ug/Kg	1	☼	8260C	Total/NA
Aluminum	3570	^5+ F1 F2	12.4	10.7	mg/Kg	1	☼	6010D	Total/NA
Arsenic	2.5		2.5	1.1	mg/Kg	1	☼	6010D	Total/NA
Barium	17.5		0.62	0.17	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.19	J ^5-	0.25	0.049	mg/Kg	1	☼	6010D	Total/NA
Calcium	25400	F1	61.8	33.3	mg/Kg	1	☼	6010D	Total/NA
Chromium	4.8	^5-	0.62	0.44	mg/Kg	1	☼	6010D	Total/NA
Cobalt	2.6		0.62	0.12	mg/Kg	1	☼	6010D	Total/NA
Copper	5.9	^5+	1.2	0.70	mg/Kg	1	☼	6010D	Total/NA
Iron	6200	F2	12.4	10.5	mg/Kg	1	☼	6010D	Total/NA
Lead	6.4		1.2	0.57	mg/Kg	1	☼	6010D	Total/NA
Magnesium	2530	F1 F2	24.7	10.5	mg/Kg	1	☼	6010D	Total/NA
Manganese	121	^5-	1.2	0.35	mg/Kg	1	☼	6010D	Total/NA
Nickel	7.6		6.2	0.31	mg/Kg	1	☼	6010D	Total/NA
Potassium	868		37.1	30.0	mg/Kg	1	☼	6010D	Total/NA
Sodium	120	J	173	75.8	mg/Kg	1	☼	6010D	Total/NA
Vanadium	11.0		0.62	0.16	mg/Kg	1	☼	6010D	Total/NA
Zinc	26.8	^5- F1	2.5	1.3	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: TP-27 (2.0-3.0)

Lab Sample ID: 480-224493-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	360		360	99	ug/Kg	8	☼	8260C	Total/NA
Ethylbenzene	200	J	360	100	ug/Kg	8	☼	8260C	Total/NA
Isopropylbenzene	250	J	360	53	ug/Kg	8	☼	8260C	Total/NA
Methylcyclohexane	210	J	360	170	ug/Kg	8	☼	8260C	Total/NA
Methylene Chloride	120	J B	360	70	ug/Kg	8	☼	8260C	Total/NA
m,p-Xylene	330	J	710	200	ug/Kg	8	☼	8260C	Total/NA
n-Butylbenzene	1100		360	100	ug/Kg	8	☼	8260C	Total/NA
N-Propylbenzene	600		360	93	ug/Kg	8	☼	8260C	Total/NA
sec-Butylbenzene	910		360	130	ug/Kg	8	☼	8260C	Total/NA
Xylenes, Total	330	J	710	200	ug/Kg	8	☼	8260C	Total/NA
Benzo[a]anthracene	34	J	190	19	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	37	J	190	27	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	64	J	190	30	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	34	J	190	20	ug/Kg	1	☼	8270D	Total/NA
Chrysene	72	J	190	42	ug/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP-27 (2.0-3.0) (Continued)

Lab Sample ID: 480-224493-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	61	J	190	20	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	25	J	190	23	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	74	J	190	27	ug/Kg	1	☼	8270D	Total/NA
Pyrene	57	J	190	22	ug/Kg	1	☼	8270D	Total/NA
Aluminum	7210	^5+	10.9	9.4	mg/Kg	1	☼	6010D	Total/NA
Arsenic	18.5		2.2	0.96	mg/Kg	1	☼	6010D	Total/NA
Barium	117		0.55	0.15	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.84	^5-	0.22	0.044	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.19	J	0.22	0.076	mg/Kg	1	☼	6010D	Total/NA
Calcium	22200		54.6	29.5	mg/Kg	1	☼	6010D	Total/NA
Chromium	15.0	^5-	0.55	0.39	mg/Kg	1	☼	6010D	Total/NA
Cobalt	11.0		0.55	0.11	mg/Kg	1	☼	6010D	Total/NA
Copper	51.1	^5+	1.1	0.62	mg/Kg	1	☼	6010D	Total/NA
Iron	49400		10.9	9.3	mg/Kg	1	☼	6010D	Total/NA
Lead	114		1.1	0.50	mg/Kg	1	☼	6010D	Total/NA
Magnesium	2340		21.8	9.3	mg/Kg	1	☼	6010D	Total/NA
Manganese	586		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Nickel	24.1		5.5	0.27	mg/Kg	1	☼	6010D	Total/NA
Potassium	1240		32.8	26.5	mg/Kg	1	☼	6010D	Total/NA
Sodium	117	J	153	67.0	mg/Kg	1	☼	6010D	Total/NA
Thallium	0.88	J	6.6	0.83	mg/Kg	1	☼	6010D	Total/NA
Vanadium	28.2		0.55	0.14	mg/Kg	1	☼	6010D	Total/NA
Zinc	68.9	^5-	2.2	1.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.062		0.022	0.0051	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-28 (2.0-3.0)

Lab Sample ID: 480-224493-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Isopropyltoluene	38	*3	7.8	0.63	ug/Kg	1	☼	8260C	Total/NA
Acetone	10	J	39	6.6	ug/Kg	1	☼	8260C	Total/NA
Acenaphthene	320	J	1000	150	ug/Kg	5	☼	8270D	Total/NA
Anthracene	750	J	1000	250	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]anthracene	1400		1000	100	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	1300		1000	150	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	1500		1000	160	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	680	J	1000	110	ug/Kg	5	☼	8270D	Total/NA
Benzo[k]fluoranthene	560	J	1000	130	ug/Kg	5	☼	8270D	Total/NA
Carbazole	430	J	1000	120	ug/Kg	5	☼	8270D	Total/NA
Chrysene	1500		1000	230	ug/Kg	5	☼	8270D	Total/NA
Dibenz(a,h)anthracene	210	J	1000	180	ug/Kg	5	☼	8270D	Total/NA
Dibenzofuran	200	J	1000	120	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	3000		1000	110	ug/Kg	5	☼	8270D	Total/NA
Fluorene	360	J	1000	120	ug/Kg	5	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	580	J	1000	130	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	2700		1000	150	ug/Kg	5	☼	8270D	Total/NA
Pyrene	2400		1000	120	ug/Kg	5	☼	8270D	Total/NA
Aluminum	7670	^5+	11.8	10.2	mg/Kg	1	☼	6010D	Total/NA
Arsenic	5.8		2.4	1.0	mg/Kg	1	☼	6010D	Total/NA
Barium	597		0.59	0.17	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.55	^5-	0.24	0.047	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.27		0.24	0.083	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP-28 (2.0-3.0) (Continued)
Lab Sample ID: 480-224493-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	5730	^5-	59.1	31.9	mg/Kg	1	☼	6010D	Total/NA
Chromium	13.1	^5-	0.59	0.43	mg/Kg	1	☼	6010D	Total/NA
Cobalt	11.5		0.59	0.12	mg/Kg	1	☼	6010D	Total/NA
Copper	29.3	^5+	1.2	0.67	mg/Kg	1	☼	6010D	Total/NA
Iron	22800		11.8	10.0	mg/Kg	1	☼	6010D	Total/NA
Lead	420		1.2	0.54	mg/Kg	1	☼	6010D	Total/NA
Magnesium	4010		23.6	10.0	mg/Kg	1	☼	6010D	Total/NA
Manganese	210	^5-	1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Nickel	22.5		5.9	0.30	mg/Kg	1	☼	6010D	Total/NA
Potassium	1420		35.4	28.6	mg/Kg	1	☼	6010D	Total/NA
Sodium	100	J	165	72.4	mg/Kg	1	☼	6010D	Total/NA
Vanadium	16.6		0.59	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	149	^5-	2.4	1.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.14		0.025	0.0058	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: LaBella Associates DPC
Project/Site: 145 Ganson St - Test PIts

Job ID: 480-224493-1

Client Sample ID: TP-25 (2.0-3.0)
Date Collected: 10/17/24 09:40
Date Received: 10/17/24 15:45

Lab Sample ID: 480-224493-1
Matrix: Solid
Percent Solids: 89.4

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.5	0.47	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
1,1,2,2-Tetrachloroethane	ND		6.5	1.1	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.5	1.5	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
1,1,2-Trichloroethane	ND		6.5	0.85	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
1,1-Dichloroethane	ND		6.5	0.80	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
1,1-Dichloroethene	ND		6.5	0.80	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
1,2,4-Trichlorobenzene	ND		6.5	0.40	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
1,2,4-Trimethylbenzene	ND		6.5	1.3	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
1,2-Dibromo-3-Chloropropane	ND		6.5	3.3	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
1,2-Dichlorobenzene	ND		6.5	0.51	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
1,2-Dichloroethane	ND		6.5	0.33	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
1,2-Dichloropropane	ND		6.5	3.3	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
1,3,5-Trimethylbenzene	ND		6.5	0.42	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
1,3-Dichlorobenzene	ND		6.5	0.34	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
1,4-Dichlorobenzene	ND		6.5	0.91	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
2-Butanone (MEK)	**9.3**	**J**	33	2.4	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
2-Hexanone	ND		33	3.3	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
4-Isopropyltoluene	ND		6.5	0.52	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
4-Methyl-2-pentanone (MIBK)	ND		33	2.1	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Acetone	**61**		33	5.5	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Benzene	ND		6.5	0.32	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Bromoform	ND		6.5	3.3	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Bromomethane	ND		6.5	0.59	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Carbon disulfide	ND		6.5	3.3	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Carbon tetrachloride	ND		6.5	0.63	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Chlorobenzene	ND		6.5	0.86	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Dibromochloromethane	ND		6.5	0.84	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Chloroethane	ND		6.5	1.5	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Chloroform	ND		6.5	0.40	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Chloromethane	ND		6.5	0.39	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
cis-1,2-Dichloroethene	ND		6.5	0.84	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Cyclohexane	ND		6.5	0.91	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Bromodichloromethane	ND		6.5	0.88	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Dichlorodifluoromethane	ND		6.5	0.54	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Ethylbenzene	ND		6.5	0.45	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
1,2-Dibromoethane	ND		6.5	0.84	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Isopropylbenzene	ND		6.5	0.99	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Methyl acetate	ND		33	3.9	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Methyl tert-butyl ether	ND		6.5	0.64	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Methylcyclohexane	ND		6.5	0.99	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Methylene Chloride	ND		6.5	3.0	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
m,p-Xylene	ND		13	1.1	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
n-Butylbenzene	ND		6.5	0.57	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
N-Propylbenzene	ND		6.5	0.52	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
o-Xylene	ND		6.5	0.85	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
sec-Butylbenzene	ND		6.5	0.57	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Tetrachloroethene	ND		6.5	0.88	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Toluene	ND		6.5	0.49	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
trans-1,2-Dichloroethene	ND		6.5	0.67	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson St - Test PIts

Job ID: 480-224493-1

Client Sample ID: TP-25 (2.0-3.0)
Date Collected: 10/17/24 09:40
Date Received: 10/17/24 15:45

Lab Sample ID: 480-224493-1
Matrix: Solid
Percent Solids: 89.4

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		6.5	2.9	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Trichloroethene	ND		6.5	1.4	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Trichlorofluoromethane	ND		6.5	0.62	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Vinyl chloride	ND		6.5	0.80	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Xylenes, Total	ND		13	1.1	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
cis-1,3-Dichloropropene	ND		6.5	0.94	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
Styrene	ND		6.5	0.33	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1
tert-Butylbenzene	ND		6.5	0.68	ug/Kg	☼	10/18/24 10:00	10/20/24 20:59	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*10/18/24 10:00*	*10/20/24 20:59*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*64 - 126*	*10/18/24 10:00*	*10/20/24 20:59*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 126*	*10/18/24 10:00*	*10/20/24 20:59*	*1*
Toluene-d8 (Surr)	*105*		*71 - 125*	*10/18/24 10:00*	*10/20/24 20:59*	*1*
Dibromofluoromethane (Surr)	*106*		*60 - 140*	*10/18/24 10:00*	*10/20/24 20:59*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		940	140	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
bis (2-chloroisopropyl) ether	ND		940	190	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
2,4,5-Trichlorophenol	ND		940	250	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
2,4,6-Trichlorophenol	ND		940	190	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
2,4-Dichlorophenol	ND		940	99	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
2,4-Dimethylphenol	ND		940	230	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
2,4-Dinitrophenol	ND		9200	4300	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
2,4-Dinitrotoluene	ND		940	190	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
2,6-Dinitrotoluene	ND		940	110	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
2-Chloronaphthalene	ND		940	150	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
2-Chlorophenol	ND		1800	170	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
2-Methylphenol	ND		940	110	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
2-Methylnaphthalene	**8800**		940	190	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
2-Nitroaniline	ND		1800	140	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
2-Nitrophenol	ND		940	270	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
3,3'-Dichlorobenzidine	ND		1800	1100	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
3-Nitroaniline	ND		1800	260	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
4,6-Dinitro-2-methylphenol	ND		1800	940	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
4-Bromophenyl phenyl ether	ND		940	130	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
4-Chloro-3-methylphenol	ND		940	230	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
4-Chloroaniline	ND		940	230	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
4-Chlorophenyl phenyl ether	ND		940	120	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
4-Methylphenol	ND		1800	110	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
4-Nitroaniline	ND		1800	490	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
4-Nitrophenol	ND		1800	660	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Acenaphthene	**610**	**J**	940	140	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Acenaphthylene	ND		940	120	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Acetophenone	ND		940	130	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Anthracene	**610**	**J**	940	230	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Atrazine	ND		940	330	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5

Client Sample ID: TP-25 (2.0-3.0)
Date Collected: 10/17/24 09:40
Date Received: 10/17/24 15:45

Lab Sample ID: 480-224493-1
Matrix: Solid
Percent Solids: 89.4

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND		940	750	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Benzo[a]anthracene	**180**	**J**	940	94	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Benzo[a]pyrene	**200**	**J**	940	140	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Benzo[b]fluoranthene	**260**	**J**	940	150	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Benzo[g,h,i]perylene	**170**	**J**	940	99	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Benzo[k]fluoranthene	**130**	**J**	940	120	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Bis(2-chloroethoxy)methane	ND		940	200	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Bis(2-chloroethyl)ether	ND		940	120	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Bis(2-ethylhexyl) phthalate	ND		940	320	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Butyl benzyl phthalate	ND		940	150	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Caprolactam	ND		940	280	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Carbazole	ND		940	110	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Chrysene	**210**	**J**	940	210	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Dibenz(a,h)anthracene	ND		940	170	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Di-n-butyl phthalate	ND		940	160	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Di-n-octyl phthalate	ND		940	110	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Dibenzofuran	ND		940	110	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Diethyl phthalate	ND		940	120	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Dimethyl phthalate	ND		940	110	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Fluoranthene	**380**	**J**	940	99	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Fluorene	**2800**		940	110	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Hexachlorobenzene	ND		940	130	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Hexachlorobutadiene	ND		940	140	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Hexachlorocyclopentadiene	ND		940	130	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Hexachloroethane	ND		940	120	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Indeno[1,2,3-cd]pyrene	ND		940	120	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Isophorone	ND		940	200	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
N-Nitrosodi-n-propylamine	ND		940	160	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
N-Nitrosodiphenylamine	ND		940	760	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Naphthalene	**1400**		940	120	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Nitrobenzene	ND		940	100	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Pentachlorophenol	ND		1800	940	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Phenanthrene	**3200**		940	140	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Phenol	ND		940	140	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5
Pyrene	**690**	**J**	940	110	ug/Kg	☼	10/18/24 18:09	10/22/24 12:09	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*91*		*40 - 121*	*10/18/24 18:09*	*10/22/24 12:09*	*5*
Phenol-d5 (Surr)	*81*		*41 - 120*	*10/18/24 18:09*	*10/22/24 12:09*	*5*
p-Terphenyl-d14 (Surr)	*93*		*46 - 143*	*10/18/24 18:09*	*10/22/24 12:09*	*5*
2,4,6-Tribromophenol (Surr)	*94*		*26 - 143*	*10/18/24 18:09*	*10/22/24 12:09*	*5*
2-Fluorobiphenyl (Surr)	*82*		*50 - 121*	*10/18/24 18:09*	*10/22/24 12:09*	*5*
2-Fluorophenol (Surr)	*83*		*36 - 120*	*10/18/24 18:09*	*10/22/24 12:09*	*5*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3780**	**^5+**	11.2	9.6	mg/Kg	☼	10/22/24 15:41	10/23/24 10:56	1
Antimony	ND		16.8	0.59	mg/Kg	☼	10/22/24 15:41	10/23/24 10:56	1
Arsenic	**6.3**		2.2	0.98	mg/Kg	☼	10/22/24 15:41	10/23/24 10:56	1
Barium	**30.4**		0.56	0.16	mg/Kg	☼	10/22/24 15:41	10/23/24 10:56	1

Client Sample ID: TP-25 (2.0-3.0)
Lab Sample ID: 480-224493-1

Date Collected: 10/17/24 09:40
Matrix: Solid

Date Received: 10/17/24 15:45
Percent Solids: 89.4

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.38	^5-	0.22	0.045	mg/Kg	☼	10/22/24 15:41	10/23/24 10:56	1
Cadmium	0.27		0.22	0.078	mg/Kg	☼	10/22/24 15:41	10/23/24 10:56	1
Calcium	70400		55.9	30.2	mg/Kg	☼	10/22/24 15:41	10/24/24 15:05	1
Chromium	5.8	^5-	0.56	0.40	mg/Kg	☼	10/22/24 15:41	10/23/24 10:56	1
Cobalt	7.0		0.56	0.11	mg/Kg	☼	10/22/24 15:41	10/23/24 10:56	1
Copper	16.7	^5+	1.1	0.64	mg/Kg	☼	10/22/24 15:41	10/23/24 10:56	1
Iron	13100		11.2	9.5	mg/Kg	☼	10/22/24 15:41	10/23/24 10:56	1
Lead	42.8		1.1	0.51	mg/Kg	☼	10/22/24 15:41	10/23/24 10:56	1
Magnesium	2990		22.4	9.5	mg/Kg	☼	10/22/24 15:41	10/23/24 10:56	1
Manganese	187	^5-	1.1	0.31	mg/Kg	☼	10/22/24 15:41	10/23/24 10:56	1
Nickel	18.3		5.6	0.28	mg/Kg	☼	10/22/24 15:41	10/23/24 10:56	1
Potassium	570		33.5	27.1	mg/Kg	☼	10/22/24 15:41	10/23/24 10:56	1
Selenium	ND		4.5	0.89	mg/Kg	☼	10/22/24 15:41	10/23/24 10:56	1
Silver	ND	^5-	0.67	0.22	mg/Kg	☼	10/22/24 15:41	10/23/24 10:56	1
Sodium	110	J	157	68.5	mg/Kg	☼	10/22/24 15:41	10/23/24 10:56	1
Thallium	ND		6.7	0.85	mg/Kg	☼	10/22/24 15:41	10/23/24 10:56	1
Vanadium	10.1		0.56	0.15	mg/Kg	☼	10/22/24 15:41	10/24/24 15:05	1
Zinc	45.1	^5-	2.2	1.1	mg/Kg	☼	10/22/24 15:41	10/23/24 10:56	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.022	0.0051	mg/Kg	☼	10/19/24 09:56	10/19/24 10:28	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson St - Test PIts

Job ID: 480-224493-1

Client Sample ID: TP-25 (6.0-7.0)
Date Collected: 10/17/24 10:00
Date Received: 10/17/24 15:45

Lab Sample ID: 480-224493-2
Matrix: Solid
Percent Solids: 82.8

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.4	0.32	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
1,1,2,2-Tetrachloroethane	ND		4.4	0.72	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.4	1.0	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
1,1,2-Trichloroethane	ND		4.4	0.58	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
1,1-Dichloroethane	ND		4.4	0.54	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
1,1-Dichloroethene	ND		4.4	0.54	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
1,2,4-Trichlorobenzene	ND		4.4	0.27	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
1,2,4-Trimethylbenzene	ND		4.4	0.85	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
1,2-Dibromo-3-Chloropropane	ND		4.4	2.2	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
1,2-Dichlorobenzene	ND		4.4	0.35	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
1,2-Dichloroethane	ND		4.4	0.22	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
1,2-Dichloropropane	ND		4.4	2.2	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
1,3,5-Trimethylbenzene	ND		4.4	0.29	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
1,3-Dichlorobenzene	ND		4.4	0.23	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
1,4-Dichlorobenzene	ND		4.4	0.62	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
2-Butanone (MEK)	**6.5**	**J**	22	1.6	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
2-Hexanone	ND		22	2.2	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
4-Isopropyltoluene	ND		4.4	0.36	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
4-Methyl-2-pentanone (MIBK)	ND		22	1.5	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Acetone	**72**		22	3.7	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Benzene	ND		4.4	0.22	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Bromoform	ND		4.4	2.2	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Bromomethane	ND		4.4	0.40	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Carbon disulfide	ND		4.4	2.2	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Carbon tetrachloride	ND		4.4	0.43	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Chlorobenzene	ND		4.4	0.59	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Dibromochloromethane	ND		4.4	0.57	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Chloroethane	ND		4.4	1.0	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Chloroform	ND		4.4	0.27	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Chloromethane	ND		4.4	0.27	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
cis-1,2-Dichloroethene	ND		4.4	0.57	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Cyclohexane	ND		4.4	0.62	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Bromodichloromethane	ND		4.4	0.60	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Dichlorodifluoromethane	ND		4.4	0.37	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Ethylbenzene	ND		4.4	0.31	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
1,2-Dibromoethane	ND		4.4	0.57	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Isopropylbenzene	ND		4.4	0.67	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Methyl acetate	ND		22	2.7	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Methyl tert-butyl ether	ND		4.4	0.44	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Methylcyclohexane	ND		4.4	0.67	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Methylene Chloride	ND		4.4	2.0	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
m,p-Xylene	ND		8.9	0.75	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
n-Butylbenzene	ND		4.4	0.39	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
N-Propylbenzene	ND		4.4	0.36	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
o-Xylene	ND		4.4	0.58	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
sec-Butylbenzene	ND		4.4	0.39	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Tetrachloroethene	ND		4.4	0.60	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Toluene	ND		4.4	0.34	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
trans-1,2-Dichloroethene	ND		4.4	0.46	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1

Client Sample ID: TP-25 (6.0-7.0)
Date Collected: 10/17/24 10:00
Date Received: 10/17/24 15:45

Lab Sample ID: 480-224493-2
Matrix: Solid
Percent Solids: 82.8

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		4.4	2.0	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Trichloroethene	ND		4.4	0.98	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Trichlorofluoromethane	ND		4.4	0.42	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Vinyl chloride	ND		4.4	0.54	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Xylenes, Total	ND		8.9	0.75	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
cis-1,3-Dichloropropene	ND		4.4	0.64	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
Styrene	ND		4.4	0.22	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1
tert-Butylbenzene	ND		4.4	0.46	ug/Kg	☼	10/18/24 10:00	10/20/24 21:26	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*	☼		*N/A*	*10/18/24 10:00*	*10/20/24 21:26*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*64 - 126*	*10/18/24 10:00*	*10/20/24 21:26*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 126*	*10/18/24 10:00*	*10/20/24 21:26*	*1*
Toluene-d8 (Surr)	*102*		*71 - 125*	*10/18/24 10:00*	*10/20/24 21:26*	*1*
Dibromofluoromethane (Surr)	*115*		*60 - 140*	*10/18/24 10:00*	*10/20/24 21:26*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		200	30	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
bis (2-chloroisopropyl) ether	ND		200	41	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
2,4,5-Trichlorophenol	ND		200	55	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
2,4,6-Trichlorophenol	ND		200	41	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
2,4-Dichlorophenol	ND		200	21	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
2,4-Dimethylphenol	ND		200	49	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
2,4-Dinitrophenol	ND		2000	940	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
2,4-Dinitrotoluene	ND		200	42	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
2,6-Dinitrotoluene	ND		200	24	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
2-Chloronaphthalene	ND		200	33	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
2-Chlorophenol	ND		390	37	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
2-Methylphenol	ND		200	24	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
2-Methylnaphthalene	ND		200	41	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
2-Nitroaniline	ND		390	30	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
2-Nitrophenol	ND		200	57	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
3,3'-Dichlorobenzidine	ND		390	240	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
3-Nitroaniline	ND		390	56	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
4,6-Dinitro-2-methylphenol	ND		390	200	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
4-Bromophenyl phenyl ether	ND		200	29	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
4-Chloro-3-methylphenol	ND		200	50	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
4-Chloroaniline	ND		200	50	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
4-Chlorophenyl phenyl ether	ND		200	25	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
4-Methylphenol	ND		390	24	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
4-Nitroaniline	ND		390	110	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
4-Nitrophenol	ND		390	140	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Acenaphthene	ND		200	30	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Acenaphthylene	ND		200	26	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Acetophenone	ND		200	27	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Anthracene	ND		200	50	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Atrazine	ND		200	70	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson St - Test PIts

Job ID: 480-224493-1

Client Sample ID: TP-25 (6.0-7.0)
Date Collected: 10/17/24 10:00
Date Received: 10/17/24 15:45

Lab Sample ID: 480-224493-2
Matrix: Solid
Percent Solids: 82.8

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND		200	160	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Benzo[a]anthracene	ND		200	20	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Benzo[a]pyrene	ND		200	30	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Benzo[b]fluoranthene	ND		200	32	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Benzo[g,h,i]perylene	ND		200	21	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Benzo[k]fluoranthene	ND		200	26	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Bis(2-chloroethoxy)methane	ND		200	43	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Bis(2-chloroethyl)ether	ND		200	26	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Bis(2-ethylhexyl) phthalate	ND		200	69	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Butyl benzyl phthalate	ND		200	33	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Caprolactam	ND		200	61	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Carbazole	ND		200	24	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Chrysene	ND		200	45	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Dibenz(a,h)anthracene	ND		200	36	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Di-n-butyl phthalate	ND		200	35	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Di-n-octyl phthalate	ND		200	24	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Dibenzofuran	ND		200	24	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Diethyl phthalate	ND		200	26	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Dimethyl phthalate	ND		200	24	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Fluoranthene	ND		200	21	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Fluorene	ND		200	24	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Hexachlorobenzene	ND		200	27	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Hexachlorobutadiene	ND		200	30	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Hexachlorocyclopentadiene	ND		200	27	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Hexachloroethane	ND		200	26	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Indeno[1,2,3-cd]pyrene	ND		200	25	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Isophorone	ND		200	43	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
N-Nitrosodi-n-propylamine	ND		200	35	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
N-Nitrosodiphenylamine	ND		200	160	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Naphthalene	ND		200	26	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Nitrobenzene	ND		200	23	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Pentachlorophenol	ND		390	200	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Phenanthrene	ND		200	30	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Phenol	ND		200	31	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1
Pyrene	ND		200	24	ug/Kg	☼	10/18/24 18:09	10/22/24 12:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*67*		*40 - 121*	*10/18/24 18:09*	*10/22/24 12:35*	*1*
Phenol-d5 (Surr)	*69*		*41 - 120*	*10/18/24 18:09*	*10/22/24 12:35*	*1*
p-Terphenyl-d14 (Surr)	*87*		*46 - 143*	*10/18/24 18:09*	*10/22/24 12:35*	*1*
2,4,6-Tribromophenol (Surr)	*71*		*26 - 143*	*10/18/24 18:09*	*10/22/24 12:35*	*1*
2-Fluorobiphenyl (Surr)	*65*		*50 - 121*	*10/18/24 18:09*	*10/22/24 12:35*	*1*
2-Fluorophenol (Surr)	*69*		*36 - 120*	*10/18/24 18:09*	*10/22/24 12:35*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**10300**	**^5+**	12.1	10.4	mg/Kg	☼	10/22/24 15:41	10/23/24 10:58	1
Antimony	ND		18.1	0.64	mg/Kg	☼	10/22/24 15:41	10/23/24 10:58	1
Arsenic	**5.8**		2.4	1.1	mg/Kg	☼	10/22/24 15:41	10/23/24 10:58	1
Barium	**57.0**		0.60	0.17	mg/Kg	☼	10/22/24 15:41	10/23/24 10:58	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson St - Test PIts

Job ID: 480-224493-1

Client Sample ID: TP-25 (6.0-7.0)
Date Collected: 10/17/24 10:00
Date Received: 10/17/24 15:45

Lab Sample ID: 480-224493-2
Matrix: Solid
Percent Solids: 82.8

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.59	^5-	0.24	0.048	mg/Kg	☼	10/22/24 15:41	10/23/24 10:58	1
Cadmium	0.21	J	0.24	0.085	mg/Kg	☼	10/22/24 15:41	10/23/24 10:58	1
Calcium	1010	^5-	60.4	32.6	mg/Kg	☼	10/22/24 15:41	10/23/24 10:58	1
Chromium	14.2	^5-	0.60	0.43	mg/Kg	☼	10/22/24 15:41	10/23/24 10:58	1
Cobalt	8.6		0.60	0.12	mg/Kg	☼	10/22/24 15:41	10/23/24 10:58	1
Copper	21.2	^5+	1.2	0.69	mg/Kg	☼	10/22/24 15:41	10/23/24 10:58	1
Iron	19300		12.1	10.2	mg/Kg	☼	10/22/24 15:41	10/23/24 10:58	1
Lead	12.2		1.2	0.56	mg/Kg	☼	10/22/24 15:41	10/23/24 10:58	1
Magnesium	2430		24.2	10.2	mg/Kg	☼	10/22/24 15:41	10/23/24 10:58	1
Manganese	146	^5-	1.2	0.34	mg/Kg	☼	10/22/24 15:41	10/23/24 10:58	1
Nickel	26.0		6.0	0.30	mg/Kg	☼	10/22/24 15:41	10/23/24 10:58	1
Potassium	1760		36.2	29.3	mg/Kg	☼	10/22/24 15:41	10/23/24 10:58	1
Selenium	ND		4.8	0.97	mg/Kg	☼	10/22/24 15:41	10/23/24 10:58	1
Silver	ND	^5-	0.72	0.24	mg/Kg	☼	10/22/24 15:41	10/23/24 10:58	1
Sodium	187		169	74.1	mg/Kg	☼	10/22/24 15:41	10/23/24 10:58	1
Thallium	ND		7.2	0.92	mg/Kg	☼	10/22/24 15:41	10/23/24 10:58	1
Vanadium	21.5		0.60	0.16	mg/Kg	☼	10/22/24 15:41	10/24/24 15:07	1
Zinc	55.3	^5-	2.4	1.2	mg/Kg	☼	10/22/24 15:41	10/23/24 10:58	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.023		0.023	0.0054	mg/Kg	☼	10/19/24 09:56	10/19/24 10:29	1

Client Sample ID: TP-26 (5.0-6.0)
Date Collected: 10/17/24 10:45
Date Received: 10/17/24 15:45

Lab Sample ID: 480-224493-3
Matrix: Solid
Percent Solids: 81.8

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.40	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
1,1,2,2-Tetrachloroethane	ND		5.5	0.89	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	1.3	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
1,1,2-Trichloroethane	ND		5.5	0.71	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
1,1-Dichloroethane	ND		5.5	0.67	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
1,1-Dichloroethene	ND		5.5	0.67	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
1,2,4-Trichlorobenzene	ND		5.5	0.33	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
1,2,4-Trimethylbenzene	ND		5.5	1.1	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
1,2-Dibromo-3-Chloropropane	ND		5.5	2.7	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
1,2-Dichlorobenzene	ND		5.5	0.43	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
1,2-Dichloroethane	ND		5.5	0.28	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
1,2-Dichloropropane	ND		5.5	2.7	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
1,3,5-Trimethylbenzene	ND		5.5	0.35	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
1,3-Dichlorobenzene	ND		5.5	0.28	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
1,4-Dichlorobenzene	ND		5.5	0.77	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
2-Butanone (MEK)	**21**	**J**	27	2.0	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
2-Hexanone	ND		27	2.7	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
4-Isopropyltoluene	ND		5.5	0.44	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
4-Methyl-2-pentanone (MIBK)	ND		27	1.8	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Acetone	**99**		27	4.6	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Benzene	ND		5.5	0.27	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Bromoform	ND		5.5	2.7	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Bromomethane	ND		5.5	0.49	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Carbon disulfide	ND		5.5	2.7	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Carbon tetrachloride	ND		5.5	0.53	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Chlorobenzene	ND		5.5	0.72	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Dibromochloromethane	ND		5.5	0.70	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Chloroethane	ND		5.5	1.2	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Chloroform	ND		5.5	0.34	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Chloromethane	ND		5.5	0.33	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
cis-1,2-Dichloroethene	ND		5.5	0.70	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Cyclohexane	ND		5.5	0.77	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Bromodichloromethane	ND		5.5	0.73	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Dichlorodifluoromethane	ND		5.5	0.45	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Ethylbenzene	ND		5.5	0.38	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
1,2-Dibromoethane	ND		5.5	0.70	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Isopropylbenzene	ND		5.5	0.83	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Methyl acetate	ND		27	3.3	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Methyl tert-butyl ether	**1.2**	**J**	5.5	0.54	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Methylcyclohexane	ND		5.5	0.83	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Methylene Chloride	ND		5.5	2.5	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
m,p-Xylene	ND		11	0.92	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
n-Butylbenzene	ND		5.5	0.48	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
N-Propylbenzene	ND		5.5	0.44	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
o-Xylene	ND		5.5	0.72	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
sec-Butylbenzene	ND		5.5	0.48	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Tetrachloroethene	ND		5.5	0.74	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Toluene	ND		5.5	0.41	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
trans-1,2-Dichloroethene	ND		5.5	0.57	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1

Client Sample ID: TP-26 (5.0-6.0)

Date Collected: 10/17/24 10:45
Date Received: 10/17/24 15:45

Lab Sample ID: 480-224493-3

Matrix: Solid
Percent Solids: 81.8

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		5.5	2.4	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Trichloroethene	ND		5.5	1.2	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Trichlorofluoromethane	ND		5.5	0.52	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Vinyl chloride	ND		5.5	0.67	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Xylenes, Total	ND		11	0.92	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
cis-1,3-Dichloropropene	ND		5.5	0.79	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
Styrene	ND		5.5	0.27	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1
tert-Butylbenzene	ND		5.5	0.57	ug/Kg	☼	10/18/24 10:00	10/21/24 14:26	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
column bleed	*8.1*	*T J*	*ug/Kg*	☼	*9.62*	*N/A*	*10/18/24 10:00*	*10/21/24 14:26*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*64 - 126*	*10/18/24 10:00*	*10/21/24 14:26*	*1*
4-Bromofluorobenzene (Surr)	*84*		*72 - 126*	*10/18/24 10:00*	*10/21/24 14:26*	*1*
Toluene-d8 (Surr)	*120*		*71 - 125*	*10/18/24 10:00*	*10/21/24 14:26*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*10/18/24 10:00*	*10/21/24 14:26*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		200	30	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
bis (2-chloroisopropyl) ether	ND		200	41	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
2,4,5-Trichlorophenol	ND		200	55	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
2,4,6-Trichlorophenol	ND		200	41	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
2,4-Dichlorophenol	ND		200	22	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
2,4-Dimethylphenol	ND		200	49	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
2,4-Dinitrophenol	ND		2000	940	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
2,4-Dinitrotoluene	ND		200	42	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
2,6-Dinitrotoluene	ND		200	24	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
2-Chloronaphthalene	ND		200	34	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
2-Chlorophenol	ND		400	37	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
2-Methylphenol	ND		200	24	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
2-Methylnaphthalene	ND		200	41	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
2-Nitroaniline	ND		400	30	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
2-Nitrophenol	ND		200	58	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
3,3'-Dichlorobenzidine	ND		400	240	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
3-Nitroaniline	ND		400	57	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
4,6-Dinitro-2-methylphenol	ND		400	200	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
4-Bromophenyl phenyl ether	ND		200	29	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
4-Chloro-3-methylphenol	ND		200	51	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
4-Chloroaniline	ND		200	51	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
4-Chlorophenyl phenyl ether	ND		200	25	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
4-Methylphenol	ND		400	24	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
4-Nitroaniline	ND		400	110	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
4-Nitrophenol	ND		400	140	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Acenaphthene	ND		200	30	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Acenaphthylene	ND		200	26	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Acetophenone	ND		200	28	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Anthracene	ND		200	51	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Atrazine	ND		200	71	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1

Client Sample ID: TP-26 (5.0-6.0)
Date Collected: 10/17/24 10:45
Date Received: 10/17/24 15:45

Lab Sample ID: 480-224493-3
Matrix: Solid
Percent Solids: 81.8

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzaldehyde	ND		200	160	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Benzo[a]anthracene	ND		200	20	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Benzo[a]pyrene	ND		200	30	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Benzo[b]fluoranthene	ND		200	32	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Benzo[g,h,i]perylene	ND		200	22	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Benzo[k]fluoranthene	ND		200	26	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Bis(2-chloroethoxy)methane	ND		200	43	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Bis(2-chloroethyl)ether	ND		200	26	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Bis(2-ethylhexyl) phthalate	ND		200	70	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Butyl benzyl phthalate	ND		200	34	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Caprolactam	ND		200	61	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Carbazole	ND		200	24	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Chrysene	ND		200	46	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Dibenz(a,h)anthracene	ND		200	36	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Di-n-butyl phthalate	ND		200	35	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Di-n-octyl phthalate	ND		200	24	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Dibenzofuran	ND		200	24	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Diethyl phthalate	ND		200	26	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Dimethyl phthalate	ND		200	24	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Fluoranthene	ND		200	22	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Fluorene	ND		200	24	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Hexachlorobenzene	ND		200	28	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Hexachlorobutadiene	ND		200	30	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Hexachlorocyclopentadiene	ND		200	28	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Hexachloroethane	ND		200	26	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Indeno[1,2,3-cd]pyrene	ND		200	25	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Isophorone	ND		200	43	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
N-Nitrosodi-n-propylamine	ND		200	35	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
N-Nitrosodiphenylamine	ND		200	170	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Naphthalene	ND		200	26	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Nitrobenzene	ND		200	23	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Pentachlorophenol	ND		400	200	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Phenanthrene	ND		200	30	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Phenol	ND		200	31	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1
Pyrene	ND		200	24	ug/Kg	☼	10/18/24 18:09	10/22/24 12:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*70*		*40 - 121*	*10/18/24 18:09*	*10/22/24 12:59*	*1*
Phenol-d5 (Surr)	*76*		*41 - 120*	*10/18/24 18:09*	*10/22/24 12:59*	*1*
p-Terphenyl-d14 (Surr)	*89*		*46 - 143*	*10/18/24 18:09*	*10/22/24 12:59*	*1*
2,4,6-Tribromophenol (Surr)	*84*		*26 - 143*	*10/18/24 18:09*	*10/22/24 12:59*	*1*
2-Fluorobiphenyl (Surr)	*73*		*50 - 121*	*10/18/24 18:09*	*10/22/24 12:59*	*1*
2-Fluorophenol (Surr)	*74*		*36 - 120*	*10/18/24 18:09*	*10/22/24 12:59*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3570**	**^5+ F1 F2**	12.4	10.7	mg/Kg	☼	10/22/24 15:41	10/23/24 11:00	1
Antimony	ND	F1	18.5	0.65	mg/Kg	☼	10/22/24 15:41	10/23/24 11:00	1
Arsenic	**2.5**		2.5	1.1	mg/Kg	☼	10/22/24 15:41	10/23/24 11:00	1
Barium	**17.5**		0.62	0.17	mg/Kg	☼	10/22/24 15:41	10/23/24 11:00	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson St - Test PIts

Job ID: 480-224493-1

Client Sample ID: TP-26 (5.0-6.0)

Date Collected: 10/17/24 10:45
Date Received: 10/17/24 15:45

Lab Sample ID: 480-224493-3

Matrix: Solid
Percent Solids: 81.8

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	**0.19**	**J ^5-**	0.25	0.049	mg/Kg	☼	10/22/24 15:41	10/23/24 11:00	1
Cadmium	ND		0.25	0.086	mg/Kg	☼	10/22/24 15:41	10/23/24 11:00	1
Calcium	**25400**	**F1**	61.8	33.3	mg/Kg	☼	10/22/24 15:41	10/24/24 15:09	1
Chromium	**4.8**	**^5-**	0.62	0.44	mg/Kg	☼	10/22/24 15:41	10/23/24 11:00	1
Cobalt	**2.6**		0.62	0.12	mg/Kg	☼	10/22/24 15:41	10/23/24 11:00	1
Copper	**5.9**	**^5+**	1.2	0.70	mg/Kg	☼	10/22/24 15:41	10/23/24 11:00	1
Iron	**6200**	**F2**	12.4	10.5	mg/Kg	☼	10/22/24 15:41	10/23/24 11:00	1
Lead	**6.4**		1.2	0.57	mg/Kg	☼	10/22/24 15:41	10/23/24 11:00	1
Magnesium	**2530**	**F1 F2**	24.7	10.5	mg/Kg	☼	10/22/24 15:41	10/23/24 11:00	1
Manganese	**121**	**^5-**	1.2	0.35	mg/Kg	☼	10/22/24 15:41	10/23/24 11:00	1
Nickel	**7.6**		6.2	0.31	mg/Kg	☼	10/22/24 15:41	10/23/24 11:00	1
Potassium	**868**		37.1	30.0	mg/Kg	☼	10/22/24 15:41	10/23/24 11:00	1
Selenium	ND	F1	4.9	0.99	mg/Kg	☼	10/22/24 15:41	10/23/24 11:00	1
Silver	ND	^5- F1	0.74	0.25	mg/Kg	☼	10/22/24 15:41	10/23/24 11:00	1
Sodium	**120**	**J**	173	75.8	mg/Kg	☼	10/22/24 15:41	10/23/24 11:00	1
Thallium	ND		7.4	0.94	mg/Kg	☼	10/22/24 15:41	10/23/24 11:00	1
Vanadium	**11.0**		0.62	0.16	mg/Kg	☼	10/22/24 15:41	10/24/24 15:09	1
Zinc	**26.8**	**^5- F1**	2.5	1.3	mg/Kg	☼	10/22/24 15:41	10/23/24 11:00	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.025	0.0058	mg/Kg	☼	10/19/24 09:56	10/19/24 10:30	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson St - Test PIts

Job ID: 480-224493-1

Client Sample ID: TP-27 (2.0-3.0)
Date Collected: 10/17/24 11:45
Date Received: 10/17/24 15:45

Lab Sample ID: 480-224493-4
Matrix: Solid
Percent Solids: 89.8

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		360	99	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
1,1,2,2-Tetrachloroethane	ND		360	58	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		360	180	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
1,1,2-Trichloroethane	ND		360	75	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
1,1-Dichloroethane	ND		360	110	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
1,1-Dichloroethene	ND		360	120	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
1,2,4-Trichlorobenzene	ND		360	130	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
1,2,4-Trimethylbenzene	**360**		360	99	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
1,2-Dibromo-3-Chloropropane	ND		360	180	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
1,2-Dichlorobenzene	ND		360	91	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
1,2-Dichloroethane	ND		360	150	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
1,2-Dichloropropane	ND		360	58	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
1,3,5-Trimethylbenzene	ND		360	110	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
1,3-Dichlorobenzene	ND		360	95	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
1,4-Dichlorobenzene	ND		360	50	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
2-Butanone (MEK)	ND		1800	1100	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
2-Hexanone	ND		1800	730	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
4-Isopropyltoluene	ND		360	120	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
4-Methyl-2-pentanone (MIBK)	ND		1800	110	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Acetone	ND		1800	1500	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Benzene	ND		360	68	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Bromoform	ND		360	180	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Bromomethane	ND		360	78	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Carbon disulfide	ND		360	160	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Carbon tetrachloride	ND		360	91	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Chlorobenzene	ND		360	47	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Dibromochloromethane	ND		360	170	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Chloroethane	ND		360	74	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Chloroform	ND		360	240	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Chloromethane	ND		360	85	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
cis-1,2-Dichloroethene	ND		360	98	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Cyclohexane	ND		360	79	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Bromodichloromethane	ND		360	71	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Dichlorodifluoromethane	ND		360	160	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Ethylbenzene	**200**	**J**	360	100	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
1,2-Dibromoethane	ND		360	62	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Isopropylbenzene	**250**	**J**	360	53	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Methyl acetate	ND		1800	170	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Methyl tert-butyl ether	ND		360	130	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Methylcyclohexane	**210**	**J**	360	170	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Methylene Chloride	**120**	**J B**	360	70	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
m,p-Xylene	**330**	**J**	710	200	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
n-Butylbenzene	**1100**		360	100	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
N-Propylbenzene	**600**		360	93	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
o-Xylene	ND		360	46	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
sec-Butylbenzene	**910**		360	130	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Tetrachloroethene	ND		360	48	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Toluene	ND		360	95	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
trans-1,2-Dichloroethene	ND		360	84	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8

Client Sample ID: TP-27 (2.0-3.0)

Date Collected: 10/17/24 11:45
Date Received: 10/17/24 15:45

Lab Sample ID: 480-224493-4

Matrix: Solid
Percent Solids: 89.8

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		360	35	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Trichloroethene	ND		360	99	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Trichlorofluoromethane	ND		360	170	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Vinyl chloride	ND		360	120	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Xylenes, Total	**330**	**J**	710	200	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
cis-1,3-Dichloropropene	ND		360	85	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
Styrene	ND		360	86	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8
tert-Butylbenzene	ND		360	99	ug/Kg	☼	10/19/24 08:40	10/19/24 13:57	8

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Benzene, 2-ethenyl-1,4-dimethyl-	*15000*	*T J N*	*ug/Kg*	☼	*11.63*	*2039-89-6*	*10/19/24 08:40*	*10/19/24 13:57*	*8*
Undecane, 2,6-dimethyl-	*24000*	*T J N*	*ug/Kg*	☼	*11.70*	*17301-23-4*	*10/19/24 08:40*	*10/19/24 13:57*	*8*
Naphthalene, 1,2,3,4-tetrahydro-2-methyl-	*17000*	*T J N*	*ug/Kg*	☼	*12.24*	*3877-19-8*	*10/19/24 08:40*	*10/19/24 13:57*	*8*
Naphthalene, 1,2,3,4-tetrahydro-5-methyl-	*27000*	*T J N*	*ug/Kg*	☼	*12.65*	*2809-64-5*	*10/19/24 08:40*	*10/19/24 13:57*	*8*
Naphthalene, 1,2,3,4-tetrahydro-6-methyl-	*19000*	*T J N*	*ug/Kg*	☼	*12.92*	*1680-51-9*	*10/19/24 08:40*	*10/19/24 13:57*	*8*
Naphthalene, 1,2,3,4-tetrahydro-1,4-dimethyl-	*27000*	*T J N*	*ug/Kg*	☼	*13.06*	*4175-54-6*	*10/19/24 08:40*	*10/19/24 13:57*	*8*
Unknown	*15000*	*T J*	*ug/Kg*	☼	*13.12*	*N/A*	*10/19/24 08:40*	*10/19/24 13:57*	*8*
Unknown	*15000*	*T J*	*ug/Kg*	☼	*13.36*	*N/A*	*10/19/24 08:40*	*10/19/24 13:57*	*8*
Naphthalene, 1,2,3,4-tetrahydro-1,5-dimethyl-	*20000*	*T J N*	*ug/Kg*	☼	*13.64*	*21564-91-0*	*10/19/24 08:40*	*10/19/24 13:57*	*8*
Naphthalene, 1,4-dimethyl-	*22000*	*T J N*	*ug/Kg*	☼	*14.04*	*571-58-4*	*10/19/24 08:40*	*10/19/24 13:57*	*8*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*53 - 146*	*10/19/24 08:40*	*10/19/24 13:57*	*8*
4-Bromofluorobenzene (Surr)	*95*		*49 - 148*	*10/19/24 08:40*	*10/19/24 13:57*	*8*
Toluene-d8 (Surr)	*96*		*50 - 149*	*10/19/24 08:40*	*10/19/24 13:57*	*8*
Dibromofluoromethane (Surr)	*98*		*60 - 140*	*10/19/24 08:40*	*10/19/24 13:57*	*8*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		190	27	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
bis (2-chloroisopropyl) ether	ND		190	37	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
2,4,5-Trichlorophenol	ND		190	50	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
2,4,6-Trichlorophenol	ND		190	37	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
2,4-Dichlorophenol	ND		190	20	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
2,4-Dimethylphenol	ND		190	45	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
2,4-Dinitrophenol	ND		1800	860	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
2,4-Dinitrotoluene	ND		190	38	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
2,6-Dinitrotoluene	ND		190	22	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
2-Chloronaphthalene	ND		190	31	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
2-Chlorophenol	ND		360	34	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
2-Methylphenol	ND		190	22	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
2-Methylnaphthalene	ND		190	37	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
2-Nitroaniline	ND		360	27	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
2-Nitrophenol	ND		190	53	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
3,3'-Dichlorobenzidine	ND		360	220	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
3-Nitroaniline	ND		360	51	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1

Client Sample ID: TP-27 (2.0-3.0)
Date Collected: 10/17/24 11:45
Date Received: 10/17/24 15:45

Lab Sample ID: 480-224493-4
Matrix: Solid
Percent Solids: 89.8

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		360	190	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
4-Bromophenyl phenyl ether	ND		190	26	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
4-Chloro-3-methylphenol	ND		190	46	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
4-Chloroaniline	ND		190	46	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
4-Chlorophenyl phenyl ether	ND		190	23	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
4-Methylphenol	ND		360	22	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
4-Nitroaniline	ND		360	97	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
4-Nitrophenol	ND		360	130	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Acenaphthene	ND		190	27	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Acenaphthylene	ND		190	24	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Acetophenone	ND		190	25	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Anthracene	ND		190	46	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Atrazine	ND		190	65	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Benzaldehyde	ND		190	150	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Benzo[a]anthracene	**34**	**J**	190	19	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Benzo[a]pyrene	**37**	**J**	190	27	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Benzo[b]fluoranthene	**64**	**J**	190	30	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Benzo[g,h,i]perylene	**34**	**J**	190	20	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Benzo[k]fluoranthene	ND		190	24	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Bis(2-chloroethoxy)methane	ND		190	39	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Bis(2-chloroethyl)ether	ND		190	24	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Bis(2-ethylhexyl) phthalate	ND		190	64	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Butyl benzyl phthalate	ND		190	31	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Caprolactam	ND		190	56	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Carbazole	ND		190	22	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Chrysene	**72**	**J**	190	42	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Dibenz(a,h)anthracene	ND		190	33	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Di-n-butyl phthalate	ND		190	32	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Di-n-octyl phthalate	ND		190	22	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Dibenzofuran	ND		190	22	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Diethyl phthalate	ND		190	24	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Dimethyl phthalate	ND		190	22	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Fluoranthene	**61**	**J**	190	20	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Fluorene	ND		190	22	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Hexachlorobenzene	ND		190	25	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Hexachlorobutadiene	ND		190	27	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Hexachlorocyclopentadiene	ND		190	25	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Hexachloroethane	ND		190	24	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Indeno[1,2,3-cd]pyrene	**25**	**J**	190	23	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Isophorone	ND		190	39	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
N-Nitrosodi-n-propylamine	ND		190	32	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
N-Nitrosodiphenylamine	ND		190	150	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Naphthalene	ND		190	24	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Nitrobenzene	ND		190	21	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Pentachlorophenol	ND		360	190	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Phenanthrene	**74**	**J**	190	27	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Phenol	ND		190	28	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1
Pyrene	**57**	**J**	190	22	ug/Kg	☼	10/18/24 18:09	10/22/24 13:24	1

Client Sample ID: TP-27 (2.0-3.0)

Date Collected: 10/17/24 11:45
Date Received: 10/17/24 15:45

Lab Sample ID: 480-224493-4

Matrix: Solid
Percent Solids: 89.8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	*58*		*40 - 121*	*10/18/24 18:09*	*10/22/24 13:24*	*1*
Phenol-d5 (Surr)	*63*		*41 - 120*	*10/18/24 18:09*	*10/22/24 13:24*	*1*
p-Terphenyl-d14 (Surr)	*75*		*46 - 143*	*10/18/24 18:09*	*10/22/24 13:24*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*26 - 143*	*10/18/24 18:09*	*10/22/24 13:24*	*1*
2-Fluorobiphenyl (Surr)	*64*		*50 - 121*	*10/18/24 18:09*	*10/22/24 13:24*	*1*
2-Fluorophenol (Surr)	*61*		*36 - 120*	*10/18/24 18:09*	*10/22/24 13:24*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7210**	**^5+**	10.9	9.4	mg/Kg	☼	10/22/24 15:41	10/23/24 11:15	1
Antimony	ND		16.4	0.58	mg/Kg	☼	10/22/24 15:41	10/23/24 11:15	1
Arsenic	**18.5**		2.2	0.96	mg/Kg	☼	10/22/24 15:41	10/23/24 11:15	1
Barium	**117**		0.55	0.15	mg/Kg	☼	10/22/24 15:41	10/23/24 11:15	1
Beryllium	**0.84**	**^5-**	0.22	0.044	mg/Kg	☼	10/22/24 15:41	10/23/24 11:15	1
Cadmium	**0.19**	**J**	0.22	0.076	mg/Kg	☼	10/22/24 15:41	10/23/24 11:15	1
Calcium	**22200**		54.6	29.5	mg/Kg	☼	10/22/24 15:41	10/24/24 15:24	1
Chromium	**15.0**	**^5-**	0.55	0.39	mg/Kg	☼	10/22/24 15:41	10/23/24 11:15	1
Cobalt	**11.0**		0.55	0.11	mg/Kg	☼	10/22/24 15:41	10/23/24 11:15	1
Copper	**51.1**	**^5+**	1.1	0.62	mg/Kg	☼	10/22/24 15:41	10/23/24 11:15	1
Iron	**49400**		10.9	9.3	mg/Kg	☼	10/22/24 15:41	10/23/24 11:15	1
Lead	**114**		1.1	0.50	mg/Kg	☼	10/22/24 15:41	10/23/24 11:15	1
Magnesium	**2340**		21.8	9.3	mg/Kg	☼	10/22/24 15:41	10/23/24 11:15	1
Manganese	**586**		1.1	0.31	mg/Kg	☼	10/22/24 15:41	10/24/24 15:24	1
Nickel	**24.1**		5.5	0.27	mg/Kg	☼	10/22/24 15:41	10/23/24 11:15	1
Potassium	**1240**		32.8	26.5	mg/Kg	☼	10/22/24 15:41	10/23/24 11:15	1
Selenium	ND		4.4	0.87	mg/Kg	☼	10/22/24 15:41	10/23/24 11:15	1
Silver	ND	^5-	0.66	0.22	mg/Kg	☼	10/22/24 15:41	10/23/24 11:15	1
Sodium	**117**	**J**	153	67.0	mg/Kg	☼	10/22/24 15:41	10/23/24 11:15	1
Thallium	**0.88**	**J**	6.6	0.83	mg/Kg	☼	10/22/24 15:41	10/23/24 11:15	1
Vanadium	**28.2**		0.55	0.14	mg/Kg	☼	10/22/24 15:41	10/24/24 15:24	1
Zinc	**68.9**	**^5-**	2.2	1.1	mg/Kg	☼	10/22/24 15:41	10/23/24 11:15	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.062**		0.022	0.0051	mg/Kg	☼	10/19/24 09:56	10/19/24 10:34	1

Client: LaBella Associates DPC
Project/Site: 145 Ganson St - Test PIts

Job ID: 480-224493-1

Client Sample ID: TP-28 (2.0-3.0)
Date Collected: 10/17/24 12:25
Date Received: 10/17/24 15:45

Lab Sample ID: 480-224493-5
Matrix: Solid
Percent Solids: 82.6

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		7.8	0.57	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
1,1,2,2-Tetrachloroethane	ND	*3	7.8	1.3	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.8	1.8	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
1,1,2-Trichloroethane	ND		7.8	1.0	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
1,1-Dichloroethane	ND		7.8	0.95	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
1,1-Dichloroethene	ND		7.8	0.96	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
1,2,4-Trichlorobenzene	ND	*3	7.8	0.47	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
1,2,4-Trimethylbenzene	ND	*3	7.8	1.5	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
1,2-Dibromo-3-Chloropropane	ND	*3	7.8	3.9	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
1,2-Dichlorobenzene	ND	*3	7.8	0.61	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
1,2-Dichloroethane	ND		7.8	0.39	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
1,2-Dichloropropane	ND		7.8	3.9	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
1,3,5-Trimethylbenzene	ND	*3	7.8	0.50	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
1,3-Dichlorobenzene	ND	*3	7.8	0.40	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
1,4-Dichlorobenzene	ND	*3	7.8	1.1	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
2-Butanone (MEK)	ND		39	2.9	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
2-Hexanone	ND		39	3.9	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
4-Isopropyltoluene	**38**	***3**	7.8	0.63	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
4-Methyl-2-pentanone (MIBK)	ND		39	2.6	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Acetone	**10**	**J**	39	6.6	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Benzene	ND		7.8	0.38	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Bromoform	ND		7.8	3.9	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Bromomethane	ND		7.8	0.70	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Carbon disulfide	ND		7.8	3.9	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Carbon tetrachloride	ND		7.8	0.76	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Chlorobenzene	ND		7.8	1.0	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Dibromochloromethane	ND		7.8	1.0	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Chloroethane	ND		7.8	1.8	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Chloroform	ND		7.8	0.48	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Chloromethane	ND		7.8	0.47	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
cis-1,2-Dichloroethene	ND		7.8	1.0	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Cyclohexane	ND		7.8	1.1	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Bromodichloromethane	ND		7.8	1.0	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Dichlorodifluoromethane	ND		7.8	0.64	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Ethylbenzene	ND		7.8	0.54	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
1,2-Dibromoethane	ND		7.8	1.0	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Isopropylbenzene	ND	*3	7.8	1.2	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Methyl acetate	ND		39	4.7	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Methyl tert-butyl ether	ND		7.8	0.77	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Methylcyclohexane	ND		7.8	1.2	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Methylene Chloride	ND		7.8	3.6	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
m,p-Xylene	ND		16	1.3	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
n-Butylbenzene	ND	*3	7.8	0.68	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
N-Propylbenzene	ND	*3	7.8	0.62	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
o-Xylene	ND		7.8	1.0	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
sec-Butylbenzene	ND	*3	7.8	0.68	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Tetrachloroethene	ND		7.8	1.0	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Toluene	ND		7.8	0.59	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
trans-1,2-Dichloroethene	ND		7.8	0.81	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1

Client Sample ID: TP-28 (2.0-3.0)

Date Collected: 10/17/24 12:25
Date Received: 10/17/24 15:45

Lab Sample ID: 480-224493-5

Matrix: Solid
Percent Solids: 82.6

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		7.8	3.4	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Trichloroethene	ND		7.8	1.7	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Trichlorofluoromethane	ND		7.8	0.74	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Vinyl chloride	ND		7.8	0.95	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Xylenes, Total	ND		16	1.3	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
cis-1,3-Dichloropropene	ND		7.8	1.1	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
Styrene	ND		7.8	0.39	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1
tert-Butylbenzene	ND	*3	7.8	0.81	ug/Kg	☼	10/18/24 10:00	10/21/24 14:53	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
1R-.alpha.-Pinene	*150*	*T J N*	*ug/Kg*	☼	*9.23*	*7785-70-8*	*10/18/24 10:00*	*10/21/24 14:53*	*1*
Camphene	*47*	*T J N*	*ug/Kg*	☼	*9.53*	*79-92-5*	*10/18/24 10:00*	*10/21/24 14:53*	*1*
column bleed	*14*	*T J*	*ug/Kg*	☼	*9.62*	*N/A*	*10/18/24 10:00*	*10/21/24 14:53*	*1*
Limonene	*17*	*T J N*	*ug/Kg*	☼	*10.52*	*138-86-3*	*10/18/24 10:00*	*10/21/24 14:53*	*1*
Bicyclo[2.2.1]heptan-2-one, 1,3,3-trimethyl-	*21*	*T J N*	*ug/Kg*	☼	*11.65*	*4695-62-9*	*10/18/24 10:00*	*10/21/24 14:53*	*1*
Bicyclo[2.2.1]heptan-2-one, 1,7,7-trimethyl-, (1S)-	*22*	*T J N*	*ug/Kg*	☼	*12.34*	*464-48-2*	*10/18/24 10:00*	*10/21/24 14:53*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*64 - 126*	*10/18/24 10:00*	*10/21/24 14:53*	*1*
4-Bromofluorobenzene (Surr)	*76*		*72 - 126*	*10/18/24 10:00*	*10/21/24 14:53*	*1*
Toluene-d8 (Surr)	*124*		*71 - 125*	*10/18/24 10:00*	*10/21/24 14:53*	*1*
Dibromofluoromethane (Surr)	*105*		*60 - 140*	*10/18/24 10:00*	*10/21/24 14:53*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1000	150	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
bis (2-chloroisopropyl) ether	ND		1000	200	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
2,4,5-Trichlorophenol	ND		1000	280	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
2,4,6-Trichlorophenol	ND		1000	200	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
2,4-Dichlorophenol	ND		1000	110	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
2,4-Dimethylphenol	ND		1000	250	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
2,4-Dinitrophenol	ND		10000	4700	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
2,4-Dinitrotoluene	ND		1000	210	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
2,6-Dinitrotoluene	ND		1000	120	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
2-Chloronaphthalene	ND		1000	170	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
2-Chlorophenol	ND		2000	190	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
2-Methylphenol	ND		1000	120	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
2-Methylnaphthalene	ND		1000	200	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
2-Nitroaniline	ND		2000	150	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
2-Nitrophenol	ND		1000	290	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
3,3'-Dichlorobenzidine	ND		2000	1200	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
3-Nitroaniline	ND		2000	280	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
4,6-Dinitro-2-methylphenol	ND		2000	1000	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
4-Bromophenyl phenyl ether	ND		1000	140	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
4-Chloro-3-methylphenol	ND		1000	250	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
4-Chloroaniline	ND		1000	250	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
4-Chlorophenyl phenyl ether	ND		1000	130	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
4-Methylphenol	ND		2000	120	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
4-Nitroaniline	ND		2000	530	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5

Client Sample ID: TP-28 (2.0-3.0)
Date Collected: 10/17/24 12:25
Date Received: 10/17/24 15:45

Lab Sample ID: 480-224493-5
Matrix: Solid
Percent Solids: 82.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		2000	710	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Acenaphthene	**320**	**J**	1000	150	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Acenaphthylene	ND		1000	130	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Acetophenone	ND		1000	140	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Anthracene	**750**	**J**	1000	250	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Atrazine	ND		1000	350	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Benzaldehyde	ND		1000	810	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Benzo[a]anthracene	**1400**		1000	100	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Benzo[a]pyrene	**1300**		1000	150	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Benzo[b]fluoranthene	**1500**		1000	160	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Benzo[g,h,i]perylene	**680**	**J**	1000	110	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Benzo[k]fluoranthene	**560**	**J**	1000	130	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Bis(2-chloroethoxy)methane	ND		1000	220	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Bis(2-chloroethyl)ether	ND		1000	130	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Bis(2-ethylhexyl) phthalate	ND		1000	350	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Butyl benzyl phthalate	ND		1000	170	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Caprolactam	ND		1000	310	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Carbazole	**430**	**J**	1000	120	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Chrysene	**1500**		1000	230	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Dibenz(a,h)anthracene	**210**	**J**	1000	180	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Di-n-butyl phthalate	ND		1000	170	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Di-n-octyl phthalate	ND		1000	120	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Dibenzofuran	**200**	**J**	1000	120	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Diethyl phthalate	ND		1000	130	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Dimethyl phthalate	ND		1000	120	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Fluoranthene	**3000**		1000	110	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Fluorene	**360**	**J**	1000	120	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Hexachlorobenzene	ND		1000	140	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Hexachlorobutadiene	ND		1000	150	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Hexachlorocyclopentadiene	ND		1000	140	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Hexachloroethane	ND		1000	130	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Indeno[1,2,3-cd]pyrene	**580**	**J**	1000	130	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Isophorone	ND		1000	220	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
N-Nitrosodi-n-propylamine	ND		1000	170	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
N-Nitrosodiphenylamine	ND		1000	830	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Naphthalene	ND		1000	130	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Nitrobenzene	ND		1000	110	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Pentachlorophenol	ND		2000	1000	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Phenanthrene	**2700**		1000	150	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Phenol	ND		1000	160	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5
Pyrene	**2400**		1000	120	ug/Kg	☼	10/18/24 18:09	10/22/24 13:48	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*79*		*40 - 121*	*10/18/24 18:09*	*10/22/24 13:48*	*5*
Phenol-d5 (Surr)	*85*		*41 - 120*	*10/18/24 18:09*	*10/22/24 13:48*	*5*
p-Terphenyl-d14 (Surr)	*85*		*46 - 143*	*10/18/24 18:09*	*10/22/24 13:48*	*5*
2,4,6-Tribromophenol (Surr)	*85*		*26 - 143*	*10/18/24 18:09*	*10/22/24 13:48*	*5*
2-Fluorobiphenyl (Surr)	*84*		*50 - 121*	*10/18/24 18:09*	*10/22/24 13:48*	*5*
2-Fluorophenol (Surr)	*84*		*36 - 120*	*10/18/24 18:09*	*10/22/24 13:48*	*5*

Client Sample Results

Client: LaBella Associates DPC
Project/Site: 145 Ganson St - Test PIts

Job ID: 480-224493-1

Client Sample ID: TP-28 (2.0-3.0)

Date Collected: 10/17/24 12:25
Date Received: 10/17/24 15:45

Lab Sample ID: 480-224493-5

Matrix: Solid
Percent Solids: 82.6

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7670	^5+	11.8	10.2	mg/Kg	☼	10/22/24 15:41	10/23/24 11:17	1
Antimony	ND		17.7	0.63	mg/Kg	☼	10/22/24 15:41	10/23/24 11:17	1
Arsenic	5.8		2.4	1.0	mg/Kg	☼	10/22/24 15:41	10/23/24 11:17	1
Barium	597		0.59	0.17	mg/Kg	☼	10/22/24 15:41	10/23/24 11:17	1
Beryllium	0.55	^5-	0.24	0.047	mg/Kg	☼	10/22/24 15:41	10/23/24 11:17	1
Cadmium	0.27		0.24	0.083	mg/Kg	☼	10/22/24 15:41	10/23/24 11:17	1
Calcium	5730	^5-	59.1	31.9	mg/Kg	☼	10/22/24 15:41	10/23/24 11:17	1
Chromium	13.1	^5-	0.59	0.43	mg/Kg	☼	10/22/24 15:41	10/23/24 11:17	1
Cobalt	11.5		0.59	0.12	mg/Kg	☼	10/22/24 15:41	10/23/24 11:17	1
Copper	29.3	^5+	1.2	0.67	mg/Kg	☼	10/22/24 15:41	10/23/24 11:17	1
Iron	22800		11.8	10.0	mg/Kg	☼	10/22/24 15:41	10/23/24 11:17	1
Lead	420		1.2	0.54	mg/Kg	☼	10/22/24 15:41	10/23/24 11:17	1
Magnesium	4010		23.6	10.0	mg/Kg	☼	10/22/24 15:41	10/23/24 11:17	1
Manganese	210	^5-	1.2	0.33	mg/Kg	☼	10/22/24 15:41	10/23/24 11:17	1
Nickel	22.5		5.9	0.30	mg/Kg	☼	10/22/24 15:41	10/23/24 11:17	1
Potassium	1420		35.4	28.6	mg/Kg	☼	10/22/24 15:41	10/23/24 11:17	1
Selenium	ND		4.7	0.94	mg/Kg	☼	10/22/24 15:41	10/23/24 11:17	1
Silver	ND	^5-	0.71	0.24	mg/Kg	☼	10/22/24 15:41	10/23/24 11:17	1
Sodium	100	J	165	72.4	mg/Kg	☼	10/22/24 15:41	10/23/24 11:17	1
Thallium	ND		7.1	0.90	mg/Kg	☼	10/22/24 15:41	10/23/24 11:17	1
Vanadium	16.6		0.59	0.15	mg/Kg	☼	10/22/24 15:41	10/24/24 15:26	1
Zinc	149	^5-	2.4	1.2	mg/Kg	☼	10/22/24 15:41	10/23/24 11:17	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.14		0.025	0.0058	mg/Kg	☼	10/19/24 09:56	10/19/24 10:35	1

Surrogate Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson St - Test PIts

Job ID: 480-224493-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(64-126)	(72-126)	(71-125)	(60-140)
480-224493-1	TP-25 (2.0-3.0)	108	94	105	106
480-224493-2	TP-25 (6.0-7.0)	110	96	102	115
480-224493-3	TP-26 (5.0-6.0)	97	84	120	101
480-224493-5	TP-28 (2.0-3.0)	99	76	124	105
LCS 480-728767/1-A	Lab Control Sample	97	97	99	100
LCS 480-729064/1-A	Lab Control Sample	99	101	99	103
LCSD 480-728767/2-A	Lab Control Sample Dup	94	98	102	98
MB 480-728767/3-A	Method Blank	95	97	100	94
MB 480-729064/2-A	Method Blank	100	103	101	105

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(53-146)	(49-148)	(50-149)	(60-140)
480-224493-4	TP-27 (2.0-3.0)	104	95	96	98
LCS 480-728938/1-A	Lab Control Sample	97	91	98	94
MB 480-728938/3-A	Method Blank	102	93	99	90

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		NBZ	PHL	TPHd14	TBP	FBP	2FP
Lab Sample ID	Client Sample ID	(40-121)	(41-120)	(46-143)	(26-143)	(50-121)	(36-120)
480-224493-1	TP-25 (2.0-3.0)	91	81	93	94	82	83
480-224493-2	TP-25 (6.0-7.0)	67	69	87	71	65	69
480-224493-3	TP-26 (5.0-6.0)	70	76	89	84	73	74
480-224493-4	TP-27 (2.0-3.0)	58	63	75	72	64	61
480-224493-5	TP-28 (2.0-3.0)	79	85	85	85	84	84
LCS 480-728928/2-A	Lab Control Sample	84	95	94	96	86	89
MB 480-728928/1-A	Method Blank	71	82	87	76	78	78

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)

Surrogate Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson St - Test PIts

Job ID: 480-224493-1

2FP = 2-Fluorophenol (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-728767/3-A
Matrix: Solid
Analysis Batch: 729138

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 728767

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
1,2,4-Trimethylbenzene	ND		5.0	0.96	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
1,3,5-Trimethylbenzene	ND		5.0	0.32	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
2-Hexanone	2.72	J	25	2.5	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
4-Isopropyltoluene	ND		5.0	0.40	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Acetone	ND		25	4.2	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Benzene	ND		5.0	0.25	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Bromoform	ND		5.0	2.5	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Bromomethane	ND		5.0	0.45	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Chloroethane	ND		5.0	1.1	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Chloroform	ND		5.0	0.31	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Chloromethane	ND		5.0	0.30	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Cyclohexane	ND		5.0	0.70	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Methyl acetate	ND		25	3.0	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
m,p-Xylene	ND		10	0.84	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
n-Butylbenzene	ND		5.0	0.44	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
N-Propylbenzene	ND		5.0	0.40	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
o-Xylene	ND		5.0	0.65	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
sec-Butylbenzene	ND		5.0	0.44	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Toluene	ND		5.0	0.38	ug/Kg		10/17/24 19:40	10/21/24 13:59	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-728767/3-A
Matrix: Solid
Analysis Batch: 729138

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 728767

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Trichloroethene	ND		5.0	1.1	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Xylenes, Total	ND		10	0.84	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
Styrene	ND		5.0	0.25	ug/Kg		10/17/24 19:40	10/21/24 13:59	1
tert-Butylbenzene	ND		5.0	0.52	ug/Kg		10/17/24 19:40	10/21/24 13:59	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Isopropyl alcohol	*7.67*	*J*	*ug/Kg*		*2.84*	*67-63-0*	*10/17/24 19:40*	*10/21/24 13:59*	*1*
1-Dodecene	*7.15*	*T J N*	*ug/Kg*		*11.96*	*112-41-4*	*10/17/24 19:40*	*10/21/24 13:59*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*64 - 126*	*10/17/24 19:40*	*10/21/24 13:59*	*1*
4-Bromofluorobenzene (Surr)	*97*		*72 - 126*	*10/17/24 19:40*	*10/21/24 13:59*	*1*
Toluene-d8 (Surr)	*100*		*71 - 125*	*10/17/24 19:40*	*10/21/24 13:59*	*1*
Dibromofluoromethane (Surr)	*94*		*60 - 140*	*10/17/24 19:40*	*10/21/24 13:59*	*1*

Lab Sample ID: LCS 480-728767/1-A
Matrix: Solid
Analysis Batch: 729138

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 728767

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	46.8		ug/Kg		94	77 - 121
1,1,2,2-Tetrachloroethane	50.0	50.3		ug/Kg		101	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	48.8		ug/Kg		98	60 - 140
1,1,2-Trichloroethane	50.0	48.3		ug/Kg		97	78 - 122
1,1-Dichloroethane	50.0	49.6		ug/Kg		99	73 - 126
1,1-Dichloroethene	50.0	50.4		ug/Kg		101	59 - 125
1,2,4-Trichlorobenzene	50.0	53.8		ug/Kg		108	64 - 120
1,2,4-Trimethylbenzene	50.0	49.2		ug/Kg		98	74 - 120
1,2-Dibromo-3-Chloropropane	50.0	48.6		ug/Kg		97	63 - 124
1,2-Dichlorobenzene	50.0	48.8		ug/Kg		98	75 - 120
1,2-Dichloroethane	50.0	47.5		ug/Kg		95	77 - 122
1,2-Dichloropropane	50.0	48.6		ug/Kg		97	75 - 124
1,3,5-Trimethylbenzene	50.0	48.7		ug/Kg		97	74 - 120
1,3-Dichlorobenzene	50.0	47.8		ug/Kg		96	74 - 120
1,4-Dichlorobenzene	50.0	46.8		ug/Kg		94	73 - 120
2-Butanone (MEK)	250	266		ug/Kg		106	70 - 134
2-Hexanone	250	237		ug/Kg		95	59 - 130
4-Isopropyltoluene	50.0	49.1		ug/Kg		98	74 - 120
4-Methyl-2-pentanone (MIBK)	250	247		ug/Kg		99	65 - 133
Acetone	250	288		ug/Kg		115	61 - 137
Benzene	50.0	49.6		ug/Kg		99	79 - 127
Bromoform	50.0	48.1		ug/Kg		96	68 - 126

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-728767/1-A
Matrix: Solid
Analysis Batch: 729138

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 728767

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	50.0	52.8		ug/Kg		106	37 - 149
Carbon disulfide	50.0	48.5		ug/Kg		97	64 - 131
Carbon tetrachloride	50.0	46.7		ug/Kg		93	75 - 135
Chlorobenzene	50.0	48.8		ug/Kg		98	76 - 124
Dibromochloromethane	50.0	49.9		ug/Kg		100	76 - 125
Chloroethane	50.0	53.1		ug/Kg		106	69 - 135
Chloroform	50.0	46.4		ug/Kg		93	80 - 120
Chloromethane	50.0	49.2		ug/Kg		98	63 - 127
cis-1,2-Dichloroethene	50.0	49.6		ug/Kg		99	81 - 120
Cyclohexane	50.0	48.2		ug/Kg		96	65 - 120
Bromodichloromethane	50.0	47.1		ug/Kg		94	80 - 122
Dichlorodifluoromethane	50.0	41.1		ug/Kg		82	57 - 142
Ethylbenzene	50.0	49.0		ug/Kg		98	80 - 120
1,2-Dibromoethane	50.0	50.1		ug/Kg		100	78 - 120
Isopropylbenzene	50.0	49.2		ug/Kg		98	72 - 120
Methyl acetate	100	110		ug/Kg		110	55 - 136
Methyl tert-butyl ether	50.0	51.2		ug/Kg		102	63 - 125
Methylcyclohexane	50.0	49.3		ug/Kg		99	60 - 140
Methylene Chloride	50.0	53.8		ug/Kg		108	61 - 127
m,p-Xylene	50.0	48.5		ug/Kg		97	70 - 130
n-Butylbenzene	50.0	49.9		ug/Kg		100	70 - 120
N-Propylbenzene	50.0	48.4		ug/Kg		97	70 - 130
o-Xylene	50.0	51.8		ug/Kg		104	70 - 130
sec-Butylbenzene	50.0	49.9		ug/Kg		100	74 - 120
Tetrachloroethene	50.0	48.1		ug/Kg		96	74 - 122
Toluene	50.0	46.1		ug/Kg		92	74 - 128
trans-1,2-Dichloroethene	50.0	50.4		ug/Kg		101	78 - 126
trans-1,3-Dichloropropene	50.0	44.5		ug/Kg		89	73 - 123
Trichloroethene	50.0	47.8		ug/Kg		96	77 - 129
Trichlorofluoromethane	50.0	46.7		ug/Kg		93	65 - 146
Vinyl chloride	50.0	48.5		ug/Kg		97	61 - 133
cis-1,3-Dichloropropene	50.0	46.7		ug/Kg		93	80 - 120
Styrene	50.0	48.2		ug/Kg		96	80 - 120
tert-Butylbenzene	50.0	50.5		ug/Kg		101	73 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*64 - 126*
4-Bromofluorobenzene (Surr)	*97*		*72 - 126*
Toluene-d8 (Surr)	*99*		*71 - 125*
Dibromofluoromethane (Surr)	*100*		*60 - 140*

Lab Sample ID: LCSD 480-728767/2-A
Matrix: Solid
Analysis Batch: 729138

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 728767

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	50.0	42.9		ug/Kg		86	77 - 121	9	20
1,1,2,2-Tetrachloroethane	50.0	48.4		ug/Kg		97	80 - 120	4	20

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 480-728767/2-A
Matrix: Solid
Analysis Batch: 729138

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 728767

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	44.0		ug/Kg		88	60 - 140	10	20
1,1,2-Trichloroethane	50.0	47.8		ug/Kg		96	78 - 122	1	20
1,1-Dichloroethane	50.0	46.0		ug/Kg		92	73 - 126	8	20
1,1-Dichloroethene	50.0	46.2		ug/Kg		92	59 - 125	9	20
1,2,4-Trichlorobenzene	50.0	48.0		ug/Kg		96	64 - 120	11	20
1,2,4-Trimethylbenzene	50.0	47.2		ug/Kg		94	74 - 120	4	20
1,2-Dibromo-3-Chloropropane	50.0	45.0		ug/Kg		90	63 - 124	8	20
1,2-Dichlorobenzene	50.0	47.6		ug/Kg		95	75 - 120	3	20
1,2-Dichloroethane	50.0	46.8		ug/Kg		94	77 - 122	1	20
1,2-Dichloropropane	50.0	49.8		ug/Kg		100	75 - 124	2	20
1,3,5-Trimethylbenzene	50.0	46.3		ug/Kg		93	74 - 120	5	20
1,3-Dichlorobenzene	50.0	46.7		ug/Kg		93	74 - 120	2	20
1,4-Dichlorobenzene	50.0	47.4		ug/Kg		95	73 - 120	1	20
2-Butanone (MEK)	250	265		ug/Kg		106	70 - 134	0	20
2-Hexanone	250	246		ug/Kg		99	59 - 130	4	20
4-Isopropyltoluene	50.0	47.0		ug/Kg		94	74 - 120	4	20
4-Methyl-2-pentanone (MIBK)	250	238		ug/Kg		95	65 - 133	4	20
Acetone	250	265		ug/Kg		106	61 - 137	9	20
Benzene	50.0	48.5		ug/Kg		97	79 - 127	2	20
Bromoform	50.0	47.7		ug/Kg		95	68 - 126	1	20
Bromomethane	50.0	47.1		ug/Kg		94	37 - 149	12	20
Carbon disulfide	50.0	44.0		ug/Kg		88	64 - 131	10	20
Carbon tetrachloride	50.0	41.8		ug/Kg		84	75 - 135	11	20
Chlorobenzene	50.0	48.1		ug/Kg		96	76 - 124	1	20
Dibromochloromethane	50.0	48.2		ug/Kg		96	76 - 125	3	20
Chloroethane	50.0	48.3		ug/Kg		97	69 - 135	10	20
Chloroform	50.0	45.4		ug/Kg		91	80 - 120	2	20
Chloromethane	50.0	41.6		ug/Kg		83	63 - 127	17	20
cis-1,2-Dichloroethene	50.0	48.1		ug/Kg		96	81 - 120	3	20
Cyclohexane	50.0	43.3		ug/Kg		87	65 - 120	11	20
Bromodichloromethane	50.0	47.3		ug/Kg		95	80 - 122	0	20
Dichlorodifluoromethane	50.0	37.9		ug/Kg		76	57 - 142	8	20
Ethylbenzene	50.0	47.2		ug/Kg		94	80 - 120	4	20
1,2-Dibromoethane	50.0	49.8		ug/Kg		100	78 - 120	1	20
Isopropylbenzene	50.0	46.7		ug/Kg		93	72 - 120	5	20
Methyl acetate	100	104		ug/Kg		104	55 - 136	6	20
Methyl tert-butyl ether	50.0	46.6		ug/Kg		93	63 - 125	10	20
Methylcyclohexane	50.0	45.2		ug/Kg		90	60 - 140	9	20
Methylene Chloride	50.0	49.3		ug/Kg		99	61 - 127	9	20
m,p-Xylene	50.0	47.3		ug/Kg		95	70 - 130	2	20
n-Butylbenzene	50.0	47.9		ug/Kg		96	70 - 120	4	20
N-Propylbenzene	50.0	47.0		ug/Kg		94	70 - 130	3	20
o-Xylene	50.0	47.0		ug/Kg		94	70 - 130	10	20
sec-Butylbenzene	50.0	47.4		ug/Kg		95	74 - 120	5	20
Tetrachloroethene	50.0	46.3		ug/Kg		93	74 - 122	4	20
Toluene	50.0	47.0		ug/Kg		94	74 - 128	2	20
trans-1,2-Dichloroethene	50.0	46.9		ug/Kg		94	78 - 126	7	20
trans-1,3-Dichloropropene	50.0	49.4		ug/Kg		99	73 - 123	11	20

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 480-728767/2-A
Matrix: Solid
Analysis Batch: 729138

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 728767

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Trichloroethene			50.0	47.7		ug/Kg		95	77 - 129	0	20
Trichlorofluoromethane			50.0	42.8		ug/Kg		86	65 - 146	9	20
Vinyl chloride			50.0	43.7		ug/Kg		87	61 - 133	10	20
cis-1,3-Dichloropropene			50.0	52.2		ug/Kg		104	80 - 120	11	20
Styrene			50.0	47.9		ug/Kg		96	80 - 120	0	20
tert-Butylbenzene			50.0	48.9		ug/Kg		98	73 - 120	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*64 - 126*
4-Bromofluorobenzene (Surr)	*98*		*72 - 126*
Toluene-d8 (Surr)	*102*		*71 - 125*
Dibromofluoromethane (Surr)	*98*		*60 - 140*

Lab Sample ID: MB 480-728938/3-A
Matrix: Solid
Analysis Batch: 728936

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 728938

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100	28	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
1,1,2,2-Tetrachloroethane	ND		100	16	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	50	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
1,1,2-Trichloroethane	ND		100	21	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
1,1-Dichloroethane	ND		100	31	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
1,1-Dichloroethene	ND		100	35	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
1,2,4-Trichlorobenzene	ND		100	38	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
1,2,4-Trimethylbenzene	ND		100	28	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
1,2-Dibromo-3-Chloropropane	ND		100	50	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
1,2-Dichlorobenzene	ND		100	26	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
1,2-Dichloroethane	ND		100	41	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
1,2-Dichloropropane	ND		100	16	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
1,3,5-Trimethylbenzene	ND		100	30	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
1,3-Dichlorobenzene	ND		100	27	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
1,4-Dichlorobenzene	ND		100	14	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
2-Butanone (MEK)	ND		500	300	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
2-Hexanone	ND		500	210	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
4-Isopropyltoluene	ND		100	34	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
4-Methyl-2-pentanone (MIBK)	ND		500	32	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Acetone	ND		500	410	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Benzene	ND		100	19	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Bromoform	ND		100	50	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Bromomethane	ND		100	22	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Carbon disulfide	ND		100	46	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Carbon tetrachloride	ND		100	26	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Chlorobenzene	ND		100	13	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Dibromochloromethane	ND		100	48	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Chloroethane	ND		100	21	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Chloroform	ND		100	69	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Chloromethane	ND		100	24	ug/Kg		10/19/24 08:40	10/19/24 12:22	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-728938/3-A
Matrix: Solid
Analysis Batch: 728936

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 728938

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		100	28	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Cyclohexane	ND		100	22	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Bromodichloromethane	ND		100	20	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Dichlorodifluoromethane	ND		100	44	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Ethylbenzene	ND		100	29	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
1,2-Dibromoethane	ND		100	18	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Isopropylbenzene	ND		100	15	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Methyl acetate	ND		500	48	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Methyl tert-butyl ether	ND		100	38	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Methylcyclohexane	ND		100	47	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Methylene Chloride	70.2	J	100	20	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
m,p-Xylene	ND		200	55	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
n-Butylbenzene	ND		100	29	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
N-Propylbenzene	ND		100	26	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
o-Xylene	ND		100	13	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
sec-Butylbenzene	ND		100	37	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Tetrachloroethene	ND		100	13	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Toluene	ND		100	27	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
trans-1,2-Dichloroethene	ND		100	24	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
trans-1,3-Dichloropropene	ND		100	9.8	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Trichloroethene	ND		100	28	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Trichlorofluoromethane	ND		100	47	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Vinyl chloride	ND		100	34	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Xylenes, Total	ND		200	55	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
cis-1,3-Dichloropropene	ND		100	24	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
Styrene	ND		100	24	ug/Kg		10/19/24 08:40	10/19/24 12:22	1
tert-Butylbenzene	ND		100	28	ug/Kg		10/19/24 08:40	10/19/24 12:22	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*			*N/A*	*10/19/24 08:40*	*10/19/24 12:22*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*53 - 146*	*10/19/24 08:40*	*10/19/24 12:22*	*1*
4-Bromofluorobenzene (Surr)	*93*		*49 - 148*	*10/19/24 08:40*	*10/19/24 12:22*	*1*
Toluene-d8 (Surr)	*99*		*50 - 149*	*10/19/24 08:40*	*10/19/24 12:22*	*1*
Dibromofluoromethane (Surr)	*90*		*60 - 140*	*10/19/24 08:40*	*10/19/24 12:22*	*1*

Lab Sample ID: LCS 480-728938/1-A
Matrix: Solid
Analysis Batch: 728936

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 728938

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	2500	2370		ug/Kg		95	68 - 130
1,1,2,2-Tetrachloroethane	2500	2520		ug/Kg		101	73 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	2500	2310		ug/Kg		92	10 - 179
1,1,2-Trichloroethane	2500	2320		ug/Kg		93	80 - 120
1,1-Dichloroethane	2500	2440		ug/Kg		98	78 - 121

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-728938/1-A
Matrix: Solid
Analysis Batch: 728936

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 728938

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	2500	2130		ug/Kg		85	48 - 133
1,2,4-Trichlorobenzene	2500	2540		ug/Kg		102	70 - 140
1,2,4-Trimethylbenzene	2500	2650		ug/Kg		106	77 - 127
1,2-Dibromo-3-Chloropropane	2500	1880		ug/Kg		75	56 - 122
1,2-Dichlorobenzene	2500	2510		ug/Kg		100	78 - 125
1,2-Dichloroethane	2500	2390		ug/Kg		96	74 - 127
1,2-Dichloropropane	2500	2370		ug/Kg		95	80 - 120
1,3,5-Trimethylbenzene	2500	2640		ug/Kg		106	79 - 120
1,3-Dichlorobenzene	2500	2500		ug/Kg		100	80 - 120
1,4-Dichlorobenzene	2500	2480		ug/Kg		99	80 - 120
2-Butanone (MEK)	12500	11900		ug/Kg		95	54 - 149
2-Hexanone	12500	12300		ug/Kg		99	59 - 127
4-Isopropyltoluene	2500	2640		ug/Kg		106	80 - 120
4-Methyl-2-pentanone (MIBK)	12500	12800		ug/Kg		102	74 - 120
Acetone	12500	10700		ug/Kg		85	47 - 141
Benzene	2500	2350		ug/Kg		94	77 - 125
Bromoform	2500	2070		ug/Kg		83	48 - 125
Bromomethane	2500	1670		ug/Kg		67	39 - 149
Carbon disulfide	2500	2200		ug/Kg		88	40 - 136
Carbon tetrachloride	2500	2370		ug/Kg		95	54 - 135
Chlorobenzene	2500	2350		ug/Kg		94	76 - 126
Dibromochloromethane	2500	2300		ug/Kg		92	64 - 120
Chloroethane	2500	1890		ug/Kg		76	23 - 150
Chloroform	2500	2220		ug/Kg		89	78 - 120
Chloromethane	2500	2550		ug/Kg		102	61 - 124
cis-1,2-Dichloroethene	2500	2390		ug/Kg		96	79 - 124
Cyclohexane	2500	2740		ug/Kg		110	49 - 129
Bromodichloromethane	2500	2230		ug/Kg		89	71 - 121
Dichlorodifluoromethane	2500	2410		ug/Kg		96	10 - 150
Ethylbenzene	2500	2410		ug/Kg		96	78 - 124
1,2-Dibromoethane	2500	2250		ug/Kg		90	80 - 120
Isopropylbenzene	2500	2650		ug/Kg		106	76 - 120
Methyl acetate	5000	5020		ug/Kg		100	71 - 123
Methyl tert-butyl ether	2500	2330		ug/Kg		93	67 - 137
Methylcyclohexane	2500	2530		ug/Kg		101	50 - 130
Methylene Chloride	2500	2360		ug/Kg		94	75 - 118
m,p-Xylene	2500	2350		ug/Kg		94	77 - 125
n-Butylbenzene	2500	2750		ug/Kg		110	80 - 120
N-Propylbenzene	2500	2700		ug/Kg		108	76 - 120
o-Xylene	2500	2420		ug/Kg		97	80 - 124
sec-Butylbenzene	2500	2700		ug/Kg		108	79 - 120
Tetrachloroethene	2500	2410		ug/Kg		96	73 - 133
Toluene	2500	2330		ug/Kg		93	75 - 124
trans-1,2-Dichloroethene	2500	2290		ug/Kg		92	74 - 129
trans-1,3-Dichloropropene	2500	2450		ug/Kg		98	73 - 120
Trichloroethene	2500	2340		ug/Kg		93	75 - 131
Trichlorofluoromethane	2500	2450		ug/Kg		98	29 - 158
Vinyl chloride	2500	2510		ug/Kg		100	59 - 124
cis-1,3-Dichloropropene	2500	2390		ug/Kg		96	75 - 121

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-728938/1-A
Matrix: Solid
Analysis Batch: 728936

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 728938

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Styrene	2500	2270		ug/Kg		91	80 - 120
tert-Butylbenzene	2500	2610		ug/Kg		104	78 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*53 - 146*
4-Bromofluorobenzene (Surr)	*91*		*49 - 148*
Toluene-d8 (Surr)	*98*		*50 - 149*
Dibromofluoromethane (Surr)	*94*		*60 - 140*

Lab Sample ID: MB 480-729064/2-A
Matrix: Solid
Analysis Batch: 729065

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729064

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
1,2,4-Trimethylbenzene	ND		5.0	0.96	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
1,3,5-Trimethylbenzene	ND		5.0	0.32	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
2-Hexanone	ND		25	2.5	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
4-Isopropyltoluene	ND		5.0	0.40	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
Acetone	ND		25	4.2	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
Benzene	ND		5.0	0.25	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
Bromoform	ND		5.0	2.5	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
Bromomethane	ND		5.0	0.45	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
Chloroethane	ND		5.0	1.1	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
Chloroform	ND		5.0	0.31	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
Chloromethane	ND		5.0	0.30	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
Cyclohexane	ND		5.0	0.70	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		10/20/24 17:08	10/20/24 20:32	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-729064/2-A
Matrix: Solid
Analysis Batch: 729065

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729064

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		5.0	0.35	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
Methyl acetate	ND		25	3.0	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
m,p-Xylene	ND		10	0.84	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
n-Butylbenzene	ND		5.0	0.44	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
N-Propylbenzene	ND		5.0	0.40	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
o-Xylene	ND		5.0	0.65	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
sec-Butylbenzene	ND		5.0	0.44	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
Toluene	ND		5.0	0.38	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
Trichloroethene	ND		5.0	1.1	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
Xylenes, Total	ND		10	0.84	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
Styrene	ND		5.0	0.25	ug/Kg		10/20/24 17:08	10/20/24 20:32	1
tert-Butylbenzene	ND		5.0	0.52	ug/Kg		10/20/24 17:08	10/20/24 20:32	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*			*N/A*	*10/20/24 17:08*	*10/20/24 20:32*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*64 - 126*	*10/20/24 17:08*	*10/20/24 20:32*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 126*	*10/20/24 17:08*	*10/20/24 20:32*	*1*
Toluene-d8 (Surr)	*101*		*71 - 125*	*10/20/24 17:08*	*10/20/24 20:32*	*1*
Dibromofluoromethane (Surr)	*105*		*60 - 140*	*10/20/24 17:08*	*10/20/24 20:32*	*1*

Lab Sample ID: LCS 480-729064/1-A
Matrix: Solid
Analysis Batch: 729065

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729064

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	49.3		ug/Kg		99	77 - 121
1,1,2,2-Tetrachloroethane	50.0	48.8		ug/Kg		98	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	51.2		ug/Kg		102	60 - 140
1,1,2-Trichloroethane	50.0	48.4		ug/Kg		97	78 - 122
1,1-Dichloroethane	50.0	49.9		ug/Kg		100	73 - 126
1,1-Dichloroethene	50.0	50.2		ug/Kg		100	59 - 125
1,2,4-Trichlorobenzene	50.0	53.4		ug/Kg		107	64 - 120
1,2,4-Trimethylbenzene	50.0	49.7		ug/Kg		99	74 - 120
1,2-Dibromo-3-Chloropropane	50.0	48.7		ug/Kg		97	63 - 124

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-729064/1-A
Matrix: Solid
Analysis Batch: 729065

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729064

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichlorobenzene	50.0	49.1		ug/Kg		98	75 - 120
1,2-Dichloroethane	50.0	50.8		ug/Kg		102	77 - 122
1,2-Dichloropropane	50.0	50.1		ug/Kg		100	75 - 124
1,3,5-Trimethylbenzene	50.0	48.7		ug/Kg		97	74 - 120
1,3-Dichlorobenzene	50.0	48.6		ug/Kg		97	74 - 120
1,4-Dichlorobenzene	50.0	48.9		ug/Kg		98	73 - 120
2-Butanone (MEK)	250	276		ug/Kg		110	70 - 134
2-Hexanone	250	248		ug/Kg		99	59 - 130
4-Isopropyltoluene	50.0	50.6		ug/Kg		101	74 - 120
4-Methyl-2-pentanone (MIBK)	250	250		ug/Kg		100	65 - 133
Acetone	250	302		ug/Kg		121	61 - 137
Benzene	50.0	50.7		ug/Kg		101	79 - 127
Bromoform	50.0	49.8		ug/Kg		100	68 - 126
Bromomethane	50.0	47.0		ug/Kg		94	37 - 149
Carbon disulfide	50.0	47.4		ug/Kg		95	64 - 131
Carbon tetrachloride	50.0	49.0		ug/Kg		98	75 - 135
Chlorobenzene	50.0	50.0		ug/Kg		100	76 - 124
Dibromochloromethane	50.0	51.4		ug/Kg		103	76 - 125
Chloroethane	50.0	50.3		ug/Kg		101	69 - 135
Chloroform	50.0	49.1		ug/Kg		98	80 - 120
Chloromethane	50.0	47.2		ug/Kg		94	63 - 127
cis-1,2-Dichloroethene	50.0	51.3		ug/Kg		103	81 - 120
Cyclohexane	50.0	50.3		ug/Kg		101	65 - 120
Bromodichloromethane	50.0	50.9		ug/Kg		102	80 - 122
Dichlorodifluoromethane	50.0	43.2		ug/Kg		86	57 - 142
Ethylbenzene	50.0	49.7		ug/Kg		99	80 - 120
1,2-Dibromoethane	50.0	50.8		ug/Kg		102	78 - 120
Isopropylbenzene	50.0	49.1		ug/Kg		98	72 - 120
Methyl acetate	100	112		ug/Kg		112	55 - 136
Methyl tert-butyl ether	50.0	50.8		ug/Kg		102	63 - 125
Methylcyclohexane	50.0	50.1		ug/Kg		100	60 - 140
Methylene Chloride	50.0	52.2		ug/Kg		104	61 - 127
m,p-Xylene	50.0	49.6		ug/Kg		99	70 - 130
n-Butylbenzene	50.0	50.0		ug/Kg		100	70 - 120
N-Propylbenzene	50.0	49.3		ug/Kg		99	70 - 130
o-Xylene	50.0	49.5		ug/Kg		99	70 - 130
sec-Butylbenzene	50.0	51.0		ug/Kg		102	74 - 120
Tetrachloroethene	50.0	50.2		ug/Kg		100	74 - 122
Toluene	50.0	48.0		ug/Kg		96	74 - 128
trans-1,2-Dichloroethene	50.0	50.7		ug/Kg		101	78 - 126
trans-1,3-Dichloropropene	50.0	49.1		ug/Kg		98	73 - 123
Trichloroethene	50.0	49.6		ug/Kg		99	77 - 129
Trichlorofluoromethane	50.0	50.5		ug/Kg		101	65 - 146
Vinyl chloride	50.0	47.8		ug/Kg		96	61 - 133
cis-1,3-Dichloropropene	50.0	50.9		ug/Kg		102	80 - 120
Styrene	50.0	49.2		ug/Kg		98	80 - 120
tert-Butylbenzene	50.0	52.2		ug/Kg		104	73 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-729064/1-A
Matrix: Solid
Analysis Batch: 729065

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729064

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*99*		*64 - 126*
4-Bromofluorobenzene (Surr)	*101*		*72 - 126*
Toluene-d8 (Surr)	*99*		*71 - 125*
Dibromofluoromethane (Surr)	*103*		*60 - 140*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-728928/1-A
Matrix: Solid
Analysis Batch: 729241

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 728928

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		170	25	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
bis (2-chloroisopropyl) ether	ND		170	34	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
2,4,5-Trichlorophenol	ND		170	46	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
2,4,6-Trichlorophenol	ND		170	34	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
2,4-Dichlorophenol	ND		170	18	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
2,4-Dimethylphenol	ND		170	41	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
2,4-Dinitrophenol	ND		1700	780	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
2,4-Dinitrotoluene	ND		170	35	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
2,6-Dinitrotoluene	ND		170	20	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
2-Chloronaphthalene	ND		170	28	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
2-Chlorophenol	ND		330	31	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
2-Methylphenol	ND		170	20	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
2-Methylnaphthalene	ND		170	34	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
2-Nitroaniline	ND		330	25	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
2-Nitrophenol	ND		170	48	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
3,3'-Dichlorobenzidine	ND		330	200	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
3-Nitroaniline	ND		330	47	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
4,6-Dinitro-2-methylphenol	ND		330	170	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
4-Bromophenyl phenyl ether	ND		170	24	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
4-Chloro-3-methylphenol	ND		170	42	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
4-Chloroaniline	ND		170	42	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
4-Chlorophenyl phenyl ether	ND		170	21	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
4-Methylphenol	ND		330	20	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
4-Nitroaniline	ND		330	89	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
4-Nitrophenol	ND		330	120	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Acenaphthene	ND		170	25	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Acenaphthylene	ND		170	22	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Acetophenone	ND		170	23	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Anthracene	ND		170	42	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Atrazine	ND		170	59	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Benzaldehyde	ND		170	140	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Benzo[a]anthracene	ND		170	17	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Benzo[a]pyrene	ND		170	25	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Benzo[b]fluoranthene	ND		170	27	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Benzo[g,h,i]perylene	ND		170	18	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Benzo[k]fluoranthene	ND		170	22	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Bis(2-chloroethoxy)methane	ND		170	36	ug/Kg		10/18/24 18:09	10/22/24 11:26	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-728928/1-A
Matrix: Solid
Analysis Batch: 729241

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 728928

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND		170	22	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Bis(2-ethylhexyl) phthalate	ND		170	58	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Butyl benzyl phthalate	ND		170	28	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Caprolactam	ND		170	51	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Carbazole	ND		170	20	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Chrysene	ND		170	38	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Dibenz(a,h)anthracene	ND		170	30	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Di-n-butyl phthalate	ND		170	29	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Di-n-octyl phthalate	ND		170	20	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Dibenzofuran	ND		170	20	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Diethyl phthalate	ND		170	22	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Dimethyl phthalate	ND		170	20	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Fluoranthene	ND		170	18	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Fluorene	ND		170	20	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Hexachlorobenzene	ND		170	23	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Hexachlorobutadiene	ND		170	25	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Hexachlorocyclopentadiene	ND		170	23	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Hexachloroethane	ND		170	22	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Indeno[1,2,3-cd]pyrene	ND		170	21	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Isophorone	ND		170	36	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
N-Nitrosodi-n-propylamine	ND		170	29	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
N-Nitrosodiphenylamine	ND		170	140	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Naphthalene	ND		170	22	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Nitrobenzene	ND		170	19	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Pentachlorophenol	ND		330	170	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Phenanthrene	ND		170	25	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Phenol	ND		170	26	ug/Kg		10/18/24 18:09	10/22/24 11:26	1
Pyrene	ND		170	20	ug/Kg		10/18/24 18:09	10/22/24 11:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*71*		*40 - 121*	*10/18/24 18:09*	*10/22/24 11:26*	*1*
Phenol-d5 (Surr)	*82*		*41 - 120*	*10/18/24 18:09*	*10/22/24 11:26*	*1*
p-Terphenyl-d14 (Surr)	*87*		*46 - 143*	*10/18/24 18:09*	*10/22/24 11:26*	*1*
2,4,6-Tribromophenol (Surr)	*76*		*26 - 143*	*10/18/24 18:09*	*10/22/24 11:26*	*1*
2-Fluorobiphenyl (Surr)	*78*		*50 - 121*	*10/18/24 18:09*	*10/22/24 11:26*	*1*
2-Fluorophenol (Surr)	*78*		*36 - 120*	*10/18/24 18:09*	*10/22/24 11:26*	*1*

Lab Sample ID: LCS 480-728928/2-A
Matrix: Solid
Analysis Batch: 729241

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 728928

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	1330	1210		ug/Kg		91	59 - 120
bis (2-chloroisopropyl) ether	1330	1240		ug/Kg		93	44 - 120
2,4,5-Trichlorophenol	1330	1280		ug/Kg		96	59 - 126
2,4,6-Trichlorophenol	1330	1260		ug/Kg		95	59 - 123
2,4-Dichlorophenol	1330	1250		ug/Kg		93	61 - 120
2,4-Dimethylphenol	1330	1270		ug/Kg		95	59 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-728928/2-A
Matrix: Solid
Analysis Batch: 729241

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 728928

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dinitrophenol	2670	2870		ug/Kg		108	41 - 146
2,4-Dinitrotoluene	1330	1340		ug/Kg		100	63 - 120
2,6-Dinitrotoluene	1330	1280		ug/Kg		96	66 - 120
2-Chloronaphthalene	1330	1190		ug/Kg		89	57 - 120
2-Chlorophenol	1330	1210		ug/Kg		91	53 - 120
2-Methylphenol	1330	1220		ug/Kg		92	54 - 120
2-Methylnaphthalene	1330	1180		ug/Kg		89	59 - 120
2-Nitroaniline	1330	1490		ug/Kg		112	61 - 120
2-Nitrophenol	1330	1150		ug/Kg		87	56 - 120
3,3'-Dichlorobenzidine	1330	1120		ug/Kg		84	54 - 120
3-Nitroaniline	1330	1150		ug/Kg		86	48 - 120
4,6-Dinitro-2-methylphenol	2670	2750		ug/Kg		103	49 - 122
4-Bromophenyl phenyl ether	1330	1280		ug/Kg		96	58 - 120
4-Chloro-3-methylphenol	1330	1320		ug/Kg		99	61 - 120
4-Chloroaniline	1330	1120		ug/Kg		84	38 - 120
4-Chlorophenyl phenyl ether	1330	1250		ug/Kg		93	63 - 124
4-Methylphenol	1330	1260		ug/Kg		95	55 - 120
4-Nitroaniline	1330	1320		ug/Kg		99	56 - 120
4-Nitrophenol	2670	2790		ug/Kg		105	43 - 147
Acenaphthene	1330	1210		ug/Kg		91	62 - 120
Acenaphthylene	1330	1300		ug/Kg		98	58 - 121
Acetophenone	1330	1220		ug/Kg		92	54 - 120
Anthracene	1330	1310		ug/Kg		98	62 - 120
Atrazine	2670	2780	E	ug/Kg		104	60 - 127
Benzaldehyde	2670	2410		ug/Kg		90	10 - 150
Benzo[a]anthracene	1330	1300		ug/Kg		97	65 - 120
Benzo[a]pyrene	1330	1370		ug/Kg		103	64 - 120
Benzo[b]fluoranthene	1330	1310		ug/Kg		98	64 - 120
Benzo[g,h,i]perylene	1330	1360		ug/Kg		102	45 - 145
Benzo[k]fluoranthene	1330	1350		ug/Kg		102	65 - 120
Bis(2-chloroethoxy)methane	1330	1210		ug/Kg		91	55 - 120
Bis(2-chloroethyl)ether	1330	1150		ug/Kg		86	45 - 120
Bis(2-ethylhexyl) phthalate	1330	1390		ug/Kg		104	61 - 133
Butyl benzyl phthalate	1330	1380		ug/Kg		104	61 - 129
Caprolactam	2670	2610		ug/Kg		98	47 - 120
Carbazole	1330	1360		ug/Kg		102	65 - 120
Chrysene	1330	1240		ug/Kg		93	64 - 120
Dibenz(a,h)anthracene	1330	1440		ug/Kg		108	54 - 132
Di-n-butyl phthalate	1330	1370		ug/Kg		103	58 - 130
Di-n-octyl phthalate	1330	1480		ug/Kg		111	57 - 133
Dibenzofuran	1330	1220		ug/Kg		91	63 - 120
Diethyl phthalate	1330	1350		ug/Kg		101	66 - 120
Dimethyl phthalate	1330	1340		ug/Kg		100	65 - 124
Fluoranthene	1330	1340		ug/Kg		100	62 - 120
Fluorene	1330	1250		ug/Kg		94	63 - 120
Hexachlorobenzene	1330	1270		ug/Kg		95	60 - 120
Hexachlorobutadiene	1330	1070		ug/Kg		80	45 - 120
Hexachlorocyclopentadiene	1330	1150		ug/Kg		86	47 - 120
Hexachloroethane	1330	1050		ug/Kg		79	41 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-728928/2-A
Matrix: Solid
Analysis Batch: 729241

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 728928

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Indeno[1,2,3-cd]pyrene	1330	1410		ug/Kg		106	56 - 134
Isophorone	1330	1250		ug/Kg		94	56 - 120
N-Nitrosodi-n-propylamine	1330	1250		ug/Kg		94	52 - 120
N-Nitrosodiphenylamine	1330	1280		ug/Kg		96	51 - 128
Naphthalene	1330	1120		ug/Kg		84	55 - 120
Nitrobenzene	1330	1180		ug/Kg		88	54 - 120
Pentachlorophenol	2670	2640		ug/Kg		99	10 - 120
Phenanthrene	1330	1280		ug/Kg		96	60 - 120
Phenol	1330	1190		ug/Kg		89	53 - 120
Pyrene	1330	1300		ug/Kg		98	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*84*		*40 - 121*
Phenol-d5 (Surr)	*95*		*41 - 120*
p-Terphenyl-d14 (Surr)	*94*		*46 - 143*
2,4,6-Tribromophenol (Surr)	*96*		*26 - 143*
2-Fluorobiphenyl (Surr)	*86*		*50 - 121*
2-Fluorophenol (Surr)	*89*		*36 - 120*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 480-729145/1-A
Matrix: Solid
Analysis Batch: 729582

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729145

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND	^5+	9.7	8.4	mg/Kg		10/22/24 15:41	10/23/24 10:52	1
Antimony	ND		14.6	0.52	mg/Kg		10/22/24 15:41	10/23/24 10:52	1
Arsenic	ND		1.9	0.86	mg/Kg		10/22/24 15:41	10/23/24 10:52	1
Barium	ND		0.49	0.14	mg/Kg		10/22/24 15:41	10/23/24 10:52	1
Beryllium	ND	^5-	0.19	0.039	mg/Kg		10/22/24 15:41	10/23/24 10:52	1
Cadmium	ND		0.19	0.068	mg/Kg		10/22/24 15:41	10/23/24 10:52	1
Calcium	ND	^5-	48.7	26.3	mg/Kg		10/22/24 15:41	10/23/24 10:52	1
Chromium	ND	^5-	0.49	0.35	mg/Kg		10/22/24 15:41	10/23/24 10:52	1
Cobalt	ND		0.49	0.097	mg/Kg		10/22/24 15:41	10/23/24 10:52	1
Copper	ND	^5+	0.97	0.55	mg/Kg		10/22/24 15:41	10/23/24 10:52	1
Iron	ND	^5-	9.7	8.3	mg/Kg		10/22/24 15:41	10/23/24 10:52	1
Lead	ND		0.97	0.45	mg/Kg		10/22/24 15:41	10/23/24 10:52	1
Magnesium	ND		19.5	8.3	mg/Kg		10/22/24 15:41	10/23/24 10:52	1
Manganese	ND	^5-	0.97	0.27	mg/Kg		10/22/24 15:41	10/23/24 10:52	1
Nickel	ND		4.9	0.24	mg/Kg		10/22/24 15:41	10/23/24 10:52	1
Potassium	ND		29.2	23.6	mg/Kg		10/22/24 15:41	10/23/24 10:52	1
Selenium	ND		3.9	0.78	mg/Kg		10/22/24 15:41	10/23/24 10:52	1
Silver	ND	^5-	0.58	0.19	mg/Kg		10/22/24 15:41	10/23/24 10:52	1
Sodium	ND		136	59.7	mg/Kg		10/22/24 15:41	10/23/24 10:52	1
Thallium	ND		5.8	0.74	mg/Kg		10/22/24 15:41	10/23/24 10:52	1
Zinc	ND	^5-	1.9	0.99	mg/Kg		10/22/24 15:41	10/23/24 10:52	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 480-729145/1-A
Matrix: Solid
Analysis Batch: 729732

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 729145

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.49	0.13	mg/Kg		10/22/24 15:41	10/24/24 15:02	1

Lab Sample ID: LCSSRM 480-729145/2-A
Matrix: Solid
Analysis Batch: 729582

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729145

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6780	6399		mg/Kg		94.4	47.8 - 151.9
Antimony	127	92.35		mg/Kg		72.7	20.2 - 250.4
Arsenic	311	247.0		mg/Kg		79.4	70.1 - 130.2
Barium	304	243.5		mg/Kg		80.1	75.0 - 125.0
Beryllium	169	141.6		mg/Kg		83.8	75.1 - 124.9
Cadmium	212	171.3		mg/Kg		80.8	75.0 - 125.0
Calcium	5170	4146		mg/Kg		80.2	72.9 - 126.9
Chromium	180	156.2		mg/Kg		86.8	70.0 - 130.0
Cobalt	81.6	73.58		mg/Kg		90.2	75.0 - 125.0
Copper	205	169.1		mg/Kg		82.5	75.1 - 124.9
Iron	6510	5538		mg/Kg		85.1	11.3 - 202.8
Lead	92.8	80.89		mg/Kg		87.2	81.8 - 118.5
Magnesium	1700	1403		mg/Kg		82.5	55.6 - 144.1
Manganese	531	442.8		mg/Kg		83.4	77.2 - 122.8
Nickel	313	290.8		mg/Kg		92.9	70.0 - 130.0
Potassium	1370	1239		mg/Kg		90.5	52.0 - 148.2
Selenium	165	124.5		mg/Kg		75.4	67.9 - 132.1
Silver	82.4	64.51		mg/Kg		78.3	71.0 - 128.6
Sodium	486	408.8		mg/Kg		84.1	59.5 - 140.5
Thallium	205	176.3		mg/Kg		86.0	72.2 - 128.3
Zinc	166	138.9		mg/Kg		83.7	70.5 - 130.1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-729145/2-A
Matrix: Solid
Analysis Batch: 729732

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 729145

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Vanadium			103	94.05		mg/Kg		91.3	68.0 - 132.0		

Lab Sample ID: 480-224493-3 MS
Matrix: Solid
Analysis Batch: 729582

Client Sample ID: TP-26 (5.0-6.0)
Prep Type: Total/NA
Prep Batch: 729145

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Aluminum	3570	^5+ F1 F2	1300	4702	^5+	mg/Kg	☼	87	75 - 125		
Antimony	ND	F1	128	101.2		mg/Kg	☼	79	75 - 125		
Arsenic	2.5		256	205.9		mg/Kg	☼	80	75 - 125		
Barium	17.5		256	231.2		mg/Kg	☼	84	75 - 125		
Beryllium	0.19	J ^5-	128	109.1	^5-	mg/Kg	☼	85	75 - 125		
Cadmium	ND		128	109.6		mg/Kg	☼	86	75 - 125		
Chromium	4.8	^5-	128	112.0	^5-	mg/Kg	☼	84	75 - 125		
Cobalt	2.6		128	119.3		mg/Kg	☼	91	75 - 125		
Copper	5.9	^5+	128	120.3	^5+	mg/Kg	☼	89	75 - 125		
Iron	6200	F2	1300	6246	4	mg/Kg	☼	3	75 - 125		
Lead	6.4		128	123.0		mg/Kg	☼	91	75 - 125		
Magnesium	2530	F1 F2	6390	10780	F1	mg/Kg	☼	129	75 - 125		
Manganese	121	^5-	128	219.5	^5-	mg/Kg	☼	77	75 - 125		
Nickel	7.6		128	125.3		mg/Kg	☼	92	75 - 125		
Potassium	868		6390	6455		mg/Kg	☼	87	75 - 125		
Selenium	ND	F1	256	195.0		mg/Kg	☼	76	75 - 125		
Silver	ND	^5- F1	12.8	11.27	^5-	mg/Kg	☼	88	75 - 125		
Sodium	111	J	6390	5854		mg/Kg	☼	90	75 - 125		
Thallium	ND		256	231.2		mg/Kg	☼	90	75 - 125		
Zinc	26.8	^5- F1	128	120.2	^5- F1	mg/Kg	☼	73	75 - 125		

Lab Sample ID: 480-224493-3 MS
Matrix: Solid
Analysis Batch: 729732

Client Sample ID: TP-26 (5.0-6.0)
Prep Type: Total/NA
Prep Batch: 729145

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Calcium	25400	F1	6390	28510	F1	mg/Kg	☼	48	75 - 125		
Vanadium	11.0		128	124.1		mg/Kg	☼	88	75 - 125		

Lab Sample ID: 480-224493-3 MSD
Matrix: Solid
Analysis Batch: 729582

Client Sample ID: TP-26 (5.0-6.0)
Prep Type: Total/NA
Prep Batch: 729145

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	3570	^5+ F1 F2	1290	9123	^5+ F1 F2	mg/Kg	☼	431	75 - 125	64	20
Antimony	ND	F1	126	83.75	F1	mg/Kg	☼	66	75 - 125	19	20
Arsenic	2.5		253	201.3		mg/Kg	☼	79	75 - 125	2	20
Barium	17.5		253	243.9		mg/Kg	☼	90	75 - 125	5	20
Beryllium	0.19	J ^5-	126	104.8	^5-	mg/Kg	☼	83	75 - 125	4	20
Cadmium	ND		126	103.8		mg/Kg	☼	82	75 - 125	5	20
Chromium	4.8	^5-	126	114.5	^5-	mg/Kg	☼	87	75 - 125	2	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 480-224493-3 MSD
Matrix: Solid
Analysis Batch: 729582

Client Sample ID: TP-26 (5.0-6.0)
Prep Type: Total/NA
Prep Batch: 729145

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cobalt	2.6		126	115.7		mg/Kg	☼	89	75 - 125	3	20
Copper	5.9	^5+	126	121.2	^5+	mg/Kg	☼	91	75 - 125	1	20
Iron	6200	F2	1290	10050	4 F2	mg/Kg	☼	298	75 - 125	47	20
Lead	6.4		126	118.0		mg/Kg	☼	88	75 - 125	4	20
Magnesium	2530	F1 F2	6320	7954	F2	mg/Kg	☼	86	75 - 125	30	20
Manganese	121	^5-	126	227.7	^5-	mg/Kg	☼	84	75 - 125	4	20
Nickel	7.6		126	125.7		mg/Kg	☼	93	75 - 125	0	20
Potassium	868		6320	7338		mg/Kg	☼	102	75 - 125	13	20
Selenium	ND	F1	253	185.6	F1	mg/Kg	☼	73	75 - 125	5	20
Silver	ND	^5- F1	12.6	9.37	^5- F1	mg/Kg	☼	74	75 - 125	18	20
Sodium	120	J	6320	5465		mg/Kg	☼	85	75 - 125	5	20
Thallium	ND		253	223.3		mg/Kg	☼	88	75 - 125	3	20
Zinc	26.8	^5- F1	126	123.2	^5-	mg/Kg	☼	76	75 - 125	2	20

Lab Sample ID: 480-224493-3 MSD
Matrix: Solid
Analysis Batch: 729732

Client Sample ID: TP-26 (5.0-6.0)
Prep Type: Total/NA
Prep Batch: 729145

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	25400	F1	6320	34240	4	mg/Kg	☼	140	75 - 125	18	20
Vanadium	11.0		126	125.4		mg/Kg	☼	90	75 - 125	1	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-728919/1-A
Matrix: Solid
Analysis Batch: 728959

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 728919

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.021	0.0048	mg/Kg		10/19/24 09:56	10/19/24 10:18	1

Lab Sample ID: LCSSRM 480-728919/2-A ^10
Matrix: Solid
Analysis Batch: 728959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 728919

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			11.9	10.98		mg/Kg		92.2	59.8 - 139.5		

QC Association Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson St - Test PIts

Job ID: 480-224493-1

GC/MS VOA

Prep Batch: 728767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-224493-3	TP-26 (5.0-6.0)	Total/NA	Solid	5035A_L	
480-224493-5	TP-28 (2.0-3.0)	Total/NA	Solid	5035A_L	
MB 480-728767/3-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-728767/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	
LCSD 480-728767/2-A	Lab Control Sample Dup	Total/NA	Solid	5035A_L	

Analysis Batch: 728936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-224493-4	TP-27 (2.0-3.0)	Total/NA	Solid	8260C	728938
MB 480-728938/3-A	Method Blank	Total/NA	Solid	8260C	728938
LCS 480-728938/1-A	Lab Control Sample	Total/NA	Solid	8260C	728938

Prep Batch: 728938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-224493-4	TP-27 (2.0-3.0)	Total/NA	Solid	5035A_H	
MB 480-728938/3-A	Method Blank	Total/NA	Solid	5035A_H	
LCS 480-728938/1-A	Lab Control Sample	Total/NA	Solid	5035A_H	

Prep Batch: 729064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-224493-1	TP-25 (2.0-3.0)	Total/NA	Solid	5035A_L	
480-224493-2	TP-25 (6.0-7.0)	Total/NA	Solid	5035A_L	
MB 480-729064/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-729064/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 729065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-224493-1	TP-25 (2.0-3.0)	Total/NA	Solid	8260C	729064
480-224493-2	TP-25 (6.0-7.0)	Total/NA	Solid	8260C	729064
MB 480-729064/2-A	Method Blank	Total/NA	Solid	8260C	729064
LCS 480-729064/1-A	Lab Control Sample	Total/NA	Solid	8260C	729064

Analysis Batch: 729138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-224493-3	TP-26 (5.0-6.0)	Total/NA	Solid	8260C	728767
480-224493-5	TP-28 (2.0-3.0)	Total/NA	Solid	8260C	728767
MB 480-728767/3-A	Method Blank	Total/NA	Solid	8260C	728767
LCS 480-728767/1-A	Lab Control Sample	Total/NA	Solid	8260C	728767
LCSD 480-728767/2-A	Lab Control Sample Dup	Total/NA	Solid	8260C	728767

GC/MS Semi VOA

Prep Batch: 728928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-224493-1	TP-25 (2.0-3.0)	Total/NA	Solid	3550C	
480-224493-2	TP-25 (6.0-7.0)	Total/NA	Solid	3550C	
480-224493-3	TP-26 (5.0-6.0)	Total/NA	Solid	3550C	
480-224493-4	TP-27 (2.0-3.0)	Total/NA	Solid	3550C	
480-224493-5	TP-28 (2.0-3.0)	Total/NA	Solid	3550C	
MB 480-728928/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-728928/2-A	Lab Control Sample	Total/NA	Solid	3550C	

QC Association Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson St - Test PIts

Job ID: 480-224493-1

GC/MS Semi VOA

Analysis Batch: 729241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-224493-1	TP-25 (2.0-3.0)	Total/NA	Solid	8270D	728928
480-224493-2	TP-25 (6.0-7.0)	Total/NA	Solid	8270D	728928
480-224493-3	TP-26 (5.0-6.0)	Total/NA	Solid	8270D	728928
480-224493-4	TP-27 (2.0-3.0)	Total/NA	Solid	8270D	728928
480-224493-5	TP-28 (2.0-3.0)	Total/NA	Solid	8270D	728928
MB 480-728928/1-A	Method Blank	Total/NA	Solid	8270D	728928
LCS 480-728928/2-A	Lab Control Sample	Total/NA	Solid	8270D	728928

Metals

Prep Batch: 728919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-224493-1	TP-25 (2.0-3.0)	Total/NA	Solid	7471B	
480-224493-2	TP-25 (6.0-7.0)	Total/NA	Solid	7471B	
480-224493-3	TP-26 (5.0-6.0)	Total/NA	Solid	7471B	
480-224493-4	TP-27 (2.0-3.0)	Total/NA	Solid	7471B	
480-224493-5	TP-28 (2.0-3.0)	Total/NA	Solid	7471B	
MB 480-728919/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-728919/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 728959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-224493-1	TP-25 (2.0-3.0)	Total/NA	Solid	7471B	728919
480-224493-2	TP-25 (6.0-7.0)	Total/NA	Solid	7471B	728919
480-224493-3	TP-26 (5.0-6.0)	Total/NA	Solid	7471B	728919
480-224493-4	TP-27 (2.0-3.0)	Total/NA	Solid	7471B	728919
480-224493-5	TP-28 (2.0-3.0)	Total/NA	Solid	7471B	728919
MB 480-728919/1-A	Method Blank	Total/NA	Solid	7471B	728919
LCSSRM 480-728919/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	728919

Prep Batch: 729145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-224493-1	TP-25 (2.0-3.0)	Total/NA	Solid	3050B	
480-224493-2	TP-25 (6.0-7.0)	Total/NA	Solid	3050B	
480-224493-3	TP-26 (5.0-6.0)	Total/NA	Solid	3050B	
480-224493-4	TP-27 (2.0-3.0)	Total/NA	Solid	3050B	
480-224493-5	TP-28 (2.0-3.0)	Total/NA	Solid	3050B	
MB 480-729145/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-729145/2-A	Lab Control Sample	Total/NA	Solid	3050B	
480-224493-3 MS	TP-26 (5.0-6.0)	Total/NA	Solid	3050B	
480-224493-3 MSD	TP-26 (5.0-6.0)	Total/NA	Solid	3050B	

Analysis Batch: 729582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-224493-1	TP-25 (2.0-3.0)	Total/NA	Solid	6010D	729145
480-224493-2	TP-25 (6.0-7.0)	Total/NA	Solid	6010D	729145
480-224493-3	TP-26 (5.0-6.0)	Total/NA	Solid	6010D	729145
480-224493-4	TP-27 (2.0-3.0)	Total/NA	Solid	6010D	729145
480-224493-5	TP-28 (2.0-3.0)	Total/NA	Solid	6010D	729145
MB 480-729145/1-A	Method Blank	Total/NA	Solid	6010D	729145
LCSSRM 480-729145/2-A	Lab Control Sample	Total/NA	Solid	6010D	729145

Metals (Continued)

Analysis Batch: 729582 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-224493-3 MS	TP-26 (5.0-6.0)	Total/NA	Solid	6010D	729145
480-224493-3 MSD	TP-26 (5.0-6.0)	Total/NA	Solid	6010D	729145

Analysis Batch: 729732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-224493-1	TP-25 (2.0-3.0)	Total/NA	Solid	6010D	729145
480-224493-2	TP-25 (6.0-7.0)	Total/NA	Solid	6010D	729145
480-224493-3	TP-26 (5.0-6.0)	Total/NA	Solid	6010D	729145
480-224493-4	TP-27 (2.0-3.0)	Total/NA	Solid	6010D	729145
480-224493-5	TP-28 (2.0-3.0)	Total/NA	Solid	6010D	729145
MB 480-729145/1-A	Method Blank	Total/NA	Solid	6010D	729145
LCSSRM 480-729145/2-A	Lab Control Sample	Total/NA	Solid	6010D	729145
480-224493-3 MS	TP-26 (5.0-6.0)	Total/NA	Solid	6010D	729145
480-224493-3 MSD	TP-26 (5.0-6.0)	Total/NA	Solid	6010D	729145

General Chemistry

Analysis Batch: 728901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-224493-1	TP-25 (2.0-3.0)	Total/NA	Solid	Moisture	
480-224493-2	TP-25 (6.0-7.0)	Total/NA	Solid	Moisture	
480-224493-3	TP-26 (5.0-6.0)	Total/NA	Solid	Moisture	
480-224493-4	TP-27 (2.0-3.0)	Total/NA	Solid	Moisture	
480-224493-5	TP-28 (2.0-3.0)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: LaBella Associates DPC
Job ID: 480-224493-1
Project/Site: 145 Ganson St - Test PIts

Client Sample ID: TP-25 (2.0-3.0)
Lab Sample ID: 480-224493-1
Date Collected: 10/17/24 09:40
Matrix: Solid
Date Received: 10/17/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	728901	JLS	EET BUF	10/18/24 14:23

Client Sample ID: TP-25 (2.0-3.0)
Lab Sample ID: 480-224493-1
Date Collected: 10/17/24 09:40
Matrix: Solid
Date Received: 10/17/24 15:45
Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			729064	CDC	EET BUF	10/18/24 10:00
Total/NA	Analysis	8260C		1	729065	LCH	EET BUF	10/20/24 20:59
Total/NA	Prep	3550C			728928	SJM	EET BUF	10/18/24 18:09
Total/NA	Analysis	8270D		5	729241	JMM	EET BUF	10/22/24 12:09
Total/NA	Prep	3050B			729145	EMO	EET BUF	10/22/24 15:41
Total/NA	Analysis	6010D		1	729582	BMB	EET BUF	10/23/24 10:56
Total/NA	Prep	3050B			729145	EMO	EET BUF	10/22/24 15:41
Total/NA	Analysis	6010D		1	729732	BMB	EET BUF	10/24/24 15:05
Total/NA	Prep	7471B			728919	ESB	EET BUF	10/19/24 09:56
Total/NA	Analysis	7471B		1	728959	ESB	EET BUF	10/19/24 10:28

Client Sample ID: TP-25 (6.0-7.0)
Lab Sample ID: 480-224493-2
Date Collected: 10/17/24 10:00
Matrix: Solid
Date Received: 10/17/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	728901	JLS	EET BUF	10/18/24 14:23

Client Sample ID: TP-25 (6.0-7.0)
Lab Sample ID: 480-224493-2
Date Collected: 10/17/24 10:00
Matrix: Solid
Date Received: 10/17/24 15:45
Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			729064	CDC	EET BUF	10/18/24 10:00
Total/NA	Analysis	8260C		1	729065	LCH	EET BUF	10/20/24 21:26
Total/NA	Prep	3550C			728928	SJM	EET BUF	10/18/24 18:09
Total/NA	Analysis	8270D		1	729241	JMM	EET BUF	10/22/24 12:35
Total/NA	Prep	3050B			729145	EMO	EET BUF	10/22/24 15:41
Total/NA	Analysis	6010D		1	729582	BMB	EET BUF	10/23/24 10:58
Total/NA	Prep	3050B			729145	EMO	EET BUF	10/22/24 15:41
Total/NA	Analysis	6010D		1	729732	BMB	EET BUF	10/24/24 15:07
Total/NA	Prep	7471B			728919	ESB	EET BUF	10/19/24 09:56
Total/NA	Analysis	7471B		1	728959	ESB	EET BUF	10/19/24 10:29

Lab Chronicle

Client: LaBella Associates DPC
Job ID: 480-224493-1
Project/Site: 145 Ganson St - Test PIts

Client Sample ID: TP-26 (5.0-6.0)
Lab Sample ID: 480-224493-3
Date Collected: 10/17/24 10:45
Matrix: Solid
Date Received: 10/17/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	728901	JLS	EET BUF	10/18/24 14:23

Client Sample ID: TP-26 (5.0-6.0)
Lab Sample ID: 480-224493-3
Date Collected: 10/17/24 10:45
Matrix: Solid
Date Received: 10/17/24 15:45
Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			728767	AXK	EET BUF	10/18/24 10:00
Total/NA	Analysis	8260C		1	729138	LCH	EET BUF	10/21/24 14:26
Total/NA	Prep	3550C			728928	SJM	EET BUF	10/18/24 18:09
Total/NA	Analysis	8270D		1	729241	JMM	EET BUF	10/22/24 12:59
Total/NA	Prep	3050B			729145	EMO	EET BUF	10/22/24 15:41
Total/NA	Analysis	6010D		1	729582	BMB	EET BUF	10/23/24 11:00
Total/NA	Prep	3050B			729145	EMO	EET BUF	10/22/24 15:41
Total/NA	Analysis	6010D		1	729732	BMB	EET BUF	10/24/24 15:09
Total/NA	Prep	7471B			728919	ESB	EET BUF	10/19/24 09:56
Total/NA	Analysis	7471B		1	728959	ESB	EET BUF	10/19/24 10:30

Client Sample ID: TP-27 (2.0-3.0)
Lab Sample ID: 480-224493-4
Date Collected: 10/17/24 11:45
Matrix: Solid
Date Received: 10/17/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	728901	JLS	EET BUF	10/18/24 14:23

Client Sample ID: TP-27 (2.0-3.0)
Lab Sample ID: 480-224493-4
Date Collected: 10/17/24 11:45
Matrix: Solid
Date Received: 10/17/24 15:45
Percent Solids: 89.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_H			728938	ZN	EET BUF	10/19/24 08:40
Total/NA	Analysis	8260C		8	728936	ZN	EET BUF	10/19/24 13:57
Total/NA	Prep	3550C			728928	SJM	EET BUF	10/18/24 18:09
Total/NA	Analysis	8270D		1	729241	JMM	EET BUF	10/22/24 13:24
Total/NA	Prep	3050B			729145	EMO	EET BUF	10/22/24 15:41
Total/NA	Analysis	6010D		1	729582	BMB	EET BUF	10/23/24 11:15
Total/NA	Prep	3050B			729145	EMO	EET BUF	10/22/24 15:41
Total/NA	Analysis	6010D		1	729732	BMB	EET BUF	10/24/24 15:24
Total/NA	Prep	7471B			728919	ESB	EET BUF	10/19/24 09:56
Total/NA	Analysis	7471B		1	728959	ESB	EET BUF	10/19/24 10:34

Lab Chronicle

Client: LaBella Associates DPC
Job ID: 480-224493-1
Project/Site: 145 Ganson St - Test PIts

Client Sample ID: TP-28 (2.0-3.0)
Lab Sample ID: 480-224493-5
Date Collected: 10/17/24 12:25
Matrix: Solid
Date Received: 10/17/24 15:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	728901	JLS	EET BUF	10/18/24 14:23

Client Sample ID: TP-28 (2.0-3.0)
Lab Sample ID: 480-224493-5
Date Collected: 10/17/24 12:25
Matrix: Solid
Date Received: 10/17/24 15:45
Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			728767	AXK	EET BUF	10/18/24 10:00
Total/NA	Analysis	8260C		1	729138	LCH	EET BUF	10/21/24 14:53
Total/NA	Prep	3550C			728928	SJM	EET BUF	10/18/24 18:09
Total/NA	Analysis	8270D		5	729241	JMM	EET BUF	10/22/24 13:48
Total/NA	Prep	3050B			729145	EMO	EET BUF	10/22/24 15:41
Total/NA	Analysis	6010D		1	729582	BMB	EET BUF	10/23/24 11:17
Total/NA	Prep	3050B			729145	EMO	EET BUF	10/22/24 15:41
Total/NA	Analysis	6010D		1	729732	BMB	EET BUF	10/24/24 15:26
Total/NA	Prep	7471B			728919	ESB	EET BUF	10/19/24 09:56
Total/NA	Analysis	7471B		1	728959	ESB	EET BUF	10/19/24 10:35

Laboratory References:
EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: LaBella Associates DPC
Job ID: 480-224493-1
Project/Site: 145 Ganson St - Test PIts

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson St - Test PIts

Job ID: 480-224493-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
6010D	Metals (ICP)	SW846	EET BUF
7471B	Mercury (CVAA)	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
3050B	Preparation, Metals	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF
5035A_H	Closed System Purge and Trap	SW846	EET BUF
5035A_L	Closed System Purge and Trap	SW846	EET BUF
7471B	Preparation, Mercury	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson St - Test PIts

Job ID: 480-224493-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-224493-1	TP-25 (2.0-3.0)	Solid	10/17/24 09:40	10/17/24 15:45
480-224493-2	TP-25 (6.0-7.0)	Solid	10/17/24 10:00	10/17/24 15:45
480-224493-3	TP-26 (5.0-6.0)	Solid	10/17/24 10:45	10/17/24 15:45
480-224493-4	TP-27 (2.0-3.0)	Solid	10/17/24 11:45	10/17/24 15:45
480-224493-5	TP-28 (2.0-3.0)	Solid	10/17/24 12:25	10/17/24 15:45

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: A. Koons	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-200382-41313.2
Client Contact: Andrew Koons	Phone: 716.417.9150	E-Mail: Brian.Fischer@et.eurofinsus.com	State of Origin: NY	Page: Page 1 of 1
Company: LaBella Associates DPC	PWSID:	Analysis Requested		Job #:
Address: 300 Pearl Street Suite 130	Due Date Requested:			Preservation Codes: N - None
City: Buffalo	TAT Requested (days): Standard			
State, Zip: NY, 14202	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: akoons@labellapc.com	WO #:			
Project Name: 145 Ganson St - Test Pits	Project #: 48028136			
Site:	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - ~~CP-51~~ NYTCL-CP-51 VOC + TICs	8270D - ~~CP-51~~ TCL SVOCs + TICs	TAL Metals	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N			
TP-25 (2.0-3.0')	10/17/24	940	C	Solid			X	X	X		
TP-25 (6.0-7.0')		1000	C				X	X	X		
TP-26 (5.0-6.0')		1045	C				X	X	X		
TP-27 (2.0-3.0')		1145	C				X	X	X		
TP-28 (2.0-3.0')		1225	C				X	X	X		

480-224493 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: A. Koons	Date/Time: 10/17/24 1545	Company: LaBella	Received by:	Date/Time: 10/17/24 1545	Company: ET A
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 6.9 IR#8 IR12

Ver: 05/06/2024

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-224493-1

Login Number: 224493
List Number: 1
Creator: Stapleton, Kaitlyn

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	6.9 IR#SC ice
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	Terracore frozen 10/18/24 at 10:00am
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	LaBella Associates
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

APPENDIX 5:
DATA USABILITY SUMMARY REPORT

Data Validation Services

120 Cobble Creek Road P. O. Box
208 North Creek, NY 12853
Phone (518) 251-4429
harry@frontiernet.net

February 17, 2023

Andrew Koons
Labella Associates
300 Pearl St Suite 130
Buffalo, NY 14202

RE: 145 Ganson Street
Data Usability Summary Report (DUSR); Validation of Analytical Laboratory Data Packages
Eurofins Test America SDG Nos. 480-201357-1, 480-201432-1, 480-201621-1, 480-201630-1, 480-201794-1, 480-201859-1, and 480-202112-1

Dear Mr. Koons:

Review has been completed for the data packages generated by Eurofins Test America that pertain to soil samples collected between 09/06/22 and 09/28/22 at the 145 Ganson Street site. Fourteen soil samples, a soil field duplicate, four aqueous samples, and an aqueous field duplicate were processed for TCL and 6 NYCRR Part 375 CP-51 (CP-51) volatiles, TCL semivolatiles and 1,4-dioxane, TCL pesticides, TCL Aroclor PCBs, TCL herbicides, per- and polyfluoroalkyl substances (PFAS), and TAL metals. One soil sample and a field duplicate were processed for TCL and CP-51 volatiles, TCL semivolatiles and 1,4-dioxane, and TCL metals. Twenty soil samples and a field duplicate were analyzed for TCL semivolatiles and 1,4-dioxane and TAL metals. Two samples were processed for TCL semivolatiles and 1,4-dioxane. Five samples were processed for volatiles in air. The analytical methodologies are those of the USEPA SW846, a modified USEPA method 537, and USEPA method TO-15.

The data packages submitted by the laboratory contain full deliverables for validation, and this usability report is generated from review of the QC summary form information, with full review of sample raw data and limited review of associated QC raw data. The reported QC summary forms and sample raw data have been reviewed for application of validation qualifiers, with guidance from the USEPA national and regional validation documents, and in consideration for the specific requirements of the analytical methodology. The following items were reviewed:

* Data Completeness
* Case Narrative
* Custody Documentation/Sample Receipt
* Holding Times
* Surrogate, Isotopic Dilution, and Internal Standard Recoveries
* Method Blanks
* Matrix Spike Recoveries/Duplicate Correlations
* Blind Field Duplicate Correlations
* Laboratory Control Sample (LCS)
* Instrumental Tunes
* Initial and Continuing Calibration Standards

* Method Compliance
* Sample Result Verification

Those items listed above which show deficiencies are discussed within the text of this narrative. All of the other items were determined to be acceptable for the DUSR level review, as discussed in NYS DER-10 Appendix B Section 2.0 (c). Documentation of the outlying parameters cited in this report can be found in the laboratory data packages.

In summary, results for the samples are usable either as reported or with minor qualification, with the exception of the following:

- The herbicide fraction result for pentachlorophenol in one sample is rejected due to an apparent matrix effect
- Numerous semivolatile Tentatively Identified Compounds (TICs) in most samples are considered external laboratory contamination and are removed as sample components.

Data completeness, accuracy, precision, representativeness, reproducibility, sensitivity, and comparability are acceptable.

Validation data qualifier definitions and client sample identifications are attached to this text. Also included in this report are the client EDDs with recommended qualifiers/edits applied in red.

Blind Field Duplicates

Blind field duplicate evaluations were performed for all analytes on MW-5 and TP-18 4-5', and for semivolatiles and metals on SS-3(0-2") and SB-27 (2.5-5.5'). Correlations for MW-5 and TP-18 4-5' fall within validation guidelines. Those for SS-3 (0-2") and SB-27 (2.5-5.5') show outlying correlations, particularly for metals; a non-homogeneous matrix is suspected. The following element results are qualified as estimated in the indicated parent sample and associated field duplicate:

- Arsenic, barium, chromium, copper, iron, lead, manganese, vanadium, zinc, and detected semivolatile analytes in SB-27(2.5-5.5'); the field duplicate shows concentrations about two- or threefold higher than the parent sample
- Aluminum, beryllium, chromium, iron, lead, manganese, nickel, potassium, sodium, and vanadium in SS-3(0-2"); variances are two- to tenfold, with concentrations higher in the parent sample for some analytes and in the field duplicate for others

Volatile Analyses by EPA 8260C

TP-11 4-5', TP-9 3-4, and TP-2 2-3'were not collected in closed system containers, and results are therefore qualified as estimated, with a possible low bias.

Due to delay in relinquish and shipping, TP-22 2-3' and TP-24 3-5' were not received by the laboratory until beyond the 48 hour holding time for freezing. Results for those two samples are therefore qualified as estimated, with a low bias.

All results for SB-27 (2.5-5.5'), DUP-1, SB-31 (14-15') are qualified as estimated due to outlying surrogate and internal standard responses, indicating matrix effects.

Results for fifteen analytes associated with outlying internal standard responses in TP-18 4-5' and DUP-1 are qualified as estimated. Detected values in those two samples are also qualified as estimated, with a high bias, due to elevated surrogate recoveries.

The following detections are considered external contamination and edited to reflect non-detection due to presence in the associated method blanks:

- Chloroform in samples reported in SDGs 480-201357-1 and 480-201621-1
- Toluene in all samples reported in SDGs 480-201357-1 except SB-25 (4-6')

Matrix spikes of TP-9 3-4 and TP-2 2-3' show outlying low recoveries in the large majority of analytes. The two samples also show multiple outlying surrogate and internal standard recoveries. Matrix effects are indicated. Results for these samples are also qualified as estimated due to collection in bulk containers.

The matrix spike evaluation performed on MW-5 shows recoveries and correlations that are within validation guidelines.

Due to outlying LCS recoveries, the following analyte results are qualified as estimated in the indicated associated samples:

Associated Samples	Analyte	Outlying % Recoveries
SB-25 (4-6')	4-methyl-2-pentanone	73
Samples reported in SDG 480-201794-1	chloroethane	58

Calibration standards show responses within validation guidelines, with the following exceptions, result for which is qualified as estimated in the indicated associated sample: vinyl chloride in SB-25 (4-6').

TICs identified as column bleed are removed from consideration as sample components.

Some of the volatile aqueous samples were processed at dilution due to foaming of the undiluted matrix.

TCL Semivolatile and 1,4-Dioxane Analyses by EPA8270E

The matrix spikes of SB-22 (7-10') and MW-5 show recoveries and correlations within validation guidelines. The matrix spikes of SS-3 (0-2") and TP-9 3-4 were performed at dilution and the recovery evaluation is therefore not applicable.

Due to presence in the associated method blanks, the following detected results are considered external contamination and edited to reflect non-detection:

- Butylbenzylphthalate in samples reported in SDGs 480-201432-1
- Diethylphthalate in samples reported in SDG 480-201621-1, 480-201794-1, 480-201794-1, and 480-202112-1

Surrogate, internal standard, and LCS recoveries are within validation guidelines. Calibration standards show responses within validation guidelines.

The majority of the method blanks show numerous TICs identified as alkanes, as well as extraction artifacts (such as solvents and aldol condensate products) that were not identified. The sample detections of those compounds are therefore considered external contamination have been removed as sample components. The sample detections of those compounds should have been flagged as "B" by the laboratory and the contamination noted in the laboratory case narrative, especially in consideration of the ongoing alkane contamination in the semivolatile extractions performed at this laboratory facility. The extraction solvent methylene chloride was reported as a sample TIC, identified as such in at least one sample, and only identified as Unknown in other samples. The extraction solvent responses, which are typically high concentrations, should have been noted by the analyst and removed as TICs.

TICs identified as column bleed are removed from consideration as sample components.

Many of the samples were processed at dilution, which results in proportionally elevated reporting limits.

Pesticides, Herbicides, and Aroclor PCB Analyses by USEPA 8081B, 8151A, and 8082A

Many of the detected pesticide results exhibit elevated dual column quantitative correlations, and are qualified to reflect the uncertainty in identification and/or quantitation. The values have been either qualified as estimated ("J"), qualified as tentative in identification and estimated in value ("NJ"), or edited to non-detection ("U"), depending on the degree of variance. In some instances, the adjusted reporting limits are elevated over the original method reporting limits. The detection of dichloroprop in TP-18 4-5' is similarly edited to reflect non-detection due to very poor dual column correlation.

Matrix spikes for pesticide, PCBs, and herbicide were performed on MW-5 and TP-9 3-4. Pentachlorophenol did not recover from the herbicide matrix spikes of MW-5. That result is therefore rejected in that parent sample. The recovery for that analyte in the semivolatile fraction matrix spikes was acceptable, and the result for pentachlorophenol from that fraction is usable, but the reporting limit is about twenty times higher than that of the herbicide fraction. The pesticide matrix spikes of TP-9 3-4 were analyzed at dilution, and therefore the recoveries are not applicable.

Due to presence in the associated method blank, the following detected results are considered external contamination and edited to reflect non-detection: 4,4'-DDD and endrin aldehyde in samples reported in SDG 480-201357-1.

An endrin aldehyde detection in MW-8 was incorrectly flagged by the laboratory as being associated with a method blank containing that analyte.

Surrogate and internal standard recoveries are compliant. Calibration standards show responses within validation guidelines. LCS recoveries are within required ranges.

Many of the sample pesticide analyses were processed at dilution, which results in proportionally elevated reporting limits.

PFAS by Modified EPA Method 537

The following detected results are qualified as being Estimated Maximum Possible Concentration (EMPC) due to outlying ion ratios:

- PFOS in MW-8
- PFBS in MW-5 and DUP-1
- PFHxA and PFBS in MW-6
- PFBS in MW-5 and DUP-1

The matrix spikes of PFAS on SB-25 (4-6'), SS-2 (0-2"), MW-5, and TP-9 3-4 show recoveries and correlations within laboratory acceptance ranges.

The method blank associated with samples reported in SDG 480-201621-1 showed detections above the reporting limit for three target analytes. The reextraction was performed beyond the allowable holding time, and also showed those detections. The original extraction results for the samples are used, with detections of PFDA, PFHxA, and PFOA in the samples considered external contamination and edited to reflect non-detection.

Isotopic dilution, internal standards, and calibration standards reponses are within validation guidelines.

Volatile Analyses by EPA TO-15

Holding times were met, internal standard responses are acceptable, and instrument tunes meet fragmentation requirements. LCSs show acceptable recoveries. Method and canister blanks show no contamination.

Canister pressures at laboratory receipt are within validation guidelines, although two of the four canisters were received with a significant amount of residual vacuum. Initial and continuing calibration standard (ICV and CCV) linearity and calibration verification responses are compliant.

TAL Metals by EPA 6010D, 7470A and 7471B

Matrix spikes and/or duplicate evaluations were performed for metals on SB-27 (2.5-5.5'), SS-3 (0-2"), TP-9 3-4, TP-3 2-3', and MW-5. Recoveries and correlations are within validation guidelines, with the following exceptions, results for which are qualified as estimated in the indicated parent sample:

Parent Sample	Element	Outlying % Recoveries	Outlying % RPD's
SB-27 (2.5-5.5')	aluminum	378,270	
	antimony	63,65	
	barium	360,249	
	calcium		39
	copper	158,128	
	lead	656,411	
	potassium	197,165	
	zinc	435,252	37
SS-3 (0-2")	antimony	40,50	
	chromium	240,305	
	copper	347,139	50
	zinc	70,223	38
	mercury	4,56	82

Parent Sample	Element	Outlying % Recoveries	Outlying % RPD's
TP-9 3-4	barium	143,139	
	lead	167,184	
	magnesium	205,13	45
	silver	59	50
	zinc	145,187	
TP-3 2-3'	aluminum	247,418	36
	barium	137,338	53
	calcium	1434,1313	
	chromium	233	42
	iron		37
	lead	159	
	magnesium	128,193	
	manganese	4300,2047	59
	vanadium	209	43

The ICP serial dilution determinations of SB-27 (2.5-5.5'), TP-9 3-4, TP-3 2-3', MW-5, and SS-3 (0-2") show correlations above validation guidelines with the following exceptions, results for which are qualified as estimated in the indicated parent sample:

.

Parent Sample	Element	% Difference
SB-27 (2.5-5.5')	aluminum	21
	barium	21
	calcium	26
	chromium	20
	iron	24
	magnesium	23
	manganese	20
	zinc	24
SS-3 (0-2")	barium	22
	beryllium	21
	cadmium	26
	calcium	21
	iron	22
	zinc	24

Calibration standard responses are compliant, and blanks show no contamination affecting sample reported results.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,

Judy Harry

Judy Harry

Attachments: Validation Data Qualifier Definitions
Sample Identifications
Qualified Laboratory EQuIS EDDs

VALIDATION DATA QUALIFIER DEFINITIONS

U	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
J+	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
UJ	The analyte was analyzed for, but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.
NJ	The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.
EMPC	The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

Sample Identification Summary

Sample Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201357-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-201357-1	SB-22 (7-10`)	Solid	09/06/22 11:00	09/07/22 16:05
480-201357-2	SB-25 (4-6`)	Solid	09/06/22 15:00	09/07/22 16:05
480-201357-3	SB-26 (8-10`)	Solid	09/07/22 10:00	09/07/22 16:05
480-201357-4	SB-27 (2.5-5.5`)	Solid	09/07/22 11:00	09/07/22 16:05
480-201357-5	SB-28 (8-9`)	Solid	09/07/22 13:30	09/07/22 16:05
480-201357-6	SB-29 (9-12`)	Solid	09/07/22 14:45	09/07/22 16:05
480-201357-7	DUP-1	Solid	09/07/22 00:00	09/07/22 16:05

Sample Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201432-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-201432-1	SB-23 (8-10)	Solid	09/06/22 12:00	09/08/22 15:00
480-201432-2	SB-24 (6-7)	Solid	09/06/22 14:00	09/08/22 15:00
480-201432-3	SB-30 (5-8)	Solid	09/08/22 09:30	09/08/22 15:00
480-201432-4	SB-31 (14-15`)	Solid	09/08/22 11:15	09/08/22 15:00

Sample Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201621-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-201621-1	SS-1 (0-2")	Solid	09/14/22 10:00	09/14/22 12:16
480-201621-2	SS-2 (0-2")	Solid	09/14/22 10:15	09/14/22 12:16
480-201621-3	SS-3 (0-2")	Solid	09/14/22 10:30	09/14/22 12:16
480-201621-4	DUP-2	Solid	09/14/22 00:00	09/14/22 12:16

Sample Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201630-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-201630-1	SV-1	Air	09/12/22 13:31	09/13/22 10:35	Air Canister (6-Liter) #4332
480-201630-2	SV-2	Air	09/12/22 12:12	09/13/22 10:35	Air Canister (6-Liter) #5605
480-201630-3	SV-3	Air	09/12/22 13:00	09/13/22 10:35	Air Canister (6-Liter) #5413
480-201630-4	SV-4	Air	09/12/22 13:48	09/13/22 10:35	Air Canister (6-Liter) #4472
480-201630-5	OA-1	Air	09/12/22 14:28	09/13/22 10:35	Air Canister (6-Liter) #34001295

Sample Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201794-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-201794-1	MW-8	Water	09/20/22 09:15	09/20/22 14:45
480-201794-2	MW-6	Water	09/20/22 10:30	09/20/22 14:45
480-201794-3	MW-5	Water	09/20/22 12:10	09/20/22 14:45
480-201794-4	DUP-1	Water	09/20/22 12:40	09/20/22 14:45
480-201794-5	MW-4	Water	09/20/22 13:50	09/20/22 14:45
480-201794-6	EQUIP BLANK	Water	09/20/22 12:40	09/20/22 14:45
480-201794-7	FIELD BLANK	Water	09/20/22 12:40	09/20/22 14:45

Sample Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-201859-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-201859-1	MW-7	Water	09/21/22 09:30	09/22/22 14:55
480-201859-2	MW-1	Water	09/21/22 12:30	09/22/22 14:55
480-201859-3	MW-2	Water	09/21/22 13:15	09/22/22 14:55
480-201859-4	MW-3	Water	09/21/22 14:15	09/22/22 14:55

Sample Summary

Client: LaBella Associates DPC
Project/Site: 145 Ganson Street

Job ID: 480-202112-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-202112-1	TP-24 3-5'	Solid	09/26/22 09:25	09/28/22 14:30
480-202112-2	TP-23 2-3'	Solid	09/26/22 12:05	09/28/22 14:30
480-202112-3	TP-22 2-3'	Solid	09/26/22 13:50	09/28/22 14:30
480-202112-4	TP-21 3-4'	Solid	09/27/22 08:00	09/28/22 14:30
480-202112-5	TP-20 3-4'	Solid	09/27/22 08:35	09/28/22 14:30
480-202112-6	TP-19 4-5'	Solid	09/27/22 09:15	09/28/22 14:30
480-202112-7	TP-18 4-5'	Solid	09/27/22 10:00	09/28/22 14:30
480-202112-8	DUP-1	Solid	09/27/22 10:00	09/28/22 14:30
480-202112-9	~~TP-11 3-4'~~ TP-17 3-4'	Solid	09/27/22 10:30	09/28/22 14:30
480-202112-10	TP-16 3-4'	Solid	09/27/22 11:00	09/28/22 14:30
480-202112-11	TP-15 3-4'	Solid	09/27/22 12:10	09/28/22 14:30
480-202112-12	TP-14 4-5'	Solid	09/27/22 12:35	09/28/22 14:30
480-202112-13	TP-13 2-3'	Solid	09/27/22 13:00	09/28/22 14:30
480-202112-14	TP-12 3-4'	Solid	09/27/22 13:20	09/28/22 14:30
480-202112-15	TP-11 4-5'	Solid	09/27/22 13:50	09/28/22 14:30
480-202112-16	TP-8 4-5'	Solid	09/27/22 14:15	09/28/22 14:30
480-202112-17	TP-10 4-5'	Solid	09/28/22 07:50	09/28/22 14:30
480-202112-18	TP-9 3-4	Solid	09/28/22 08:20	09/28/22 14:30
480-202112-19	TP-7 1-2'	Solid	09/28/22 09:00	09/28/22 14:30
480-202112-20	TP-6 2-3'	Solid	09/28/22 09:20	09/28/22 14:30
480-202112-21	TP-5 4-5'	Solid	09/28/22 10:00	09/28/22 14:30
480-202112-22	TP-4 2-3'	Solid	09/28/22 10:20	09/28/22 14:30
480-202112-23	TP-3 2-3'	Solid	09/28/22 10:45	09/28/22 14:30
480-202112-24	TP-2 2-3'	Solid	09/28/22 11:05	09/28/22 14:30
480-202112-25	TP-1 2-3'	Solid	09/28/22 11:20	09/28/22 14:30

APPENDIX 6:
GEOPHYSICAL REPORT

GEOPHYSICAL ENGINEERING SURVEY REPORT

Commercial / Industrial Property
145 Ganson Street,
Buffalo, New York 14203

NOVA PROJECT NUMBER:
24-4245

DATED:
July 1, 2024

PREPARED FOR:

LaBella
Powered by partnership.

300 State Street, Suite 201
Rochester, NY 14614
Labellapc.com

PREPARED BY:

NOVA
GEOPHYSICAL
ENGINEERING
Subsurface Mapping Solutions
56-01 Marathon Parkway # 765
Douglaston, New York 11362
347-556-7787 (PHONE)
718-261-1527(FAX)
www.nova-gsi.com

NOVA GEOPHYSICAL SERVICES

SUBSURFACE MAPPING SOLUTIONS
56-01 Marathon Parkway #765, Douglaston, New York 11362
Ph. 347-556-7787 Fax. 718-261-1527
www.novagsi.com

July 1, 2024

Adam Zebrowski, CPG, PG
Vice President
LaBella Associates
300 Pearl Street, Suite 130
Buffalo, NY 14202
P: 716-536-1753 M: 716-840-2548 E: azebrowski@labellapc.com

Re: Geophysical Engineering Survey (GES) Report
Commercial / Industrial Property
145 Ganson Street, Buffalo, New York 14203

Dear Mr. Zebrowski;

Nova Geophysical Services (NOVA) is pleased to provide the findings of the geophysical engineering survey (GES) at the above referenced project site: 145 Ganson Street, Buffalo, NY (the "Site").

INTRODUCTION TO GEOPHYSICAL ENGINEERING SURVEY (GES)

NOVA performed a geophysical engineering survey (GES) consisting of a Ground Penetrating Radar (GPR) and Electromagnetic (EM) survey at the site. The purpose of this survey is to locate and identify utilities, underground storage tanks and other substructures that maybe located at the project site on June 26th, 2024.

The equipment selected for this investigation was a Sensors and Software Noggin 250 MHz ground penetrating radar (GPR) with a shielded antenna and a Radio Detection RD7100 Electromagnetic utility locator. A GPR system consists of a radar control unit, control cable, and transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250 MHz. The trigger pulse is sent to the transmitter electronics in the transduce via the control cable. The transmitter electronics amplify the trigger pulse into bipolar pulses that are radiated to the surface. The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries

where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

A typical electromagnetic (EM) utility locating system consists of a transmitter unit and a receiver unit. The receiver unit can be used independently of the transmitter unit in order to detect utility lines with an inherent EM signature (electric utility lines, water lines, etc.). If needed a current at a specific frequency can also be placed on a utility that is being located. This can be done via the transmitter unit by either direct connection or induction via an EM field varying at specific frequency. The receiver unit is then set to the selected frequency and the electromagnetic field created by the current running through the utility can be located allowing the utility to be marked.

GEOPHYSICAL METHODS

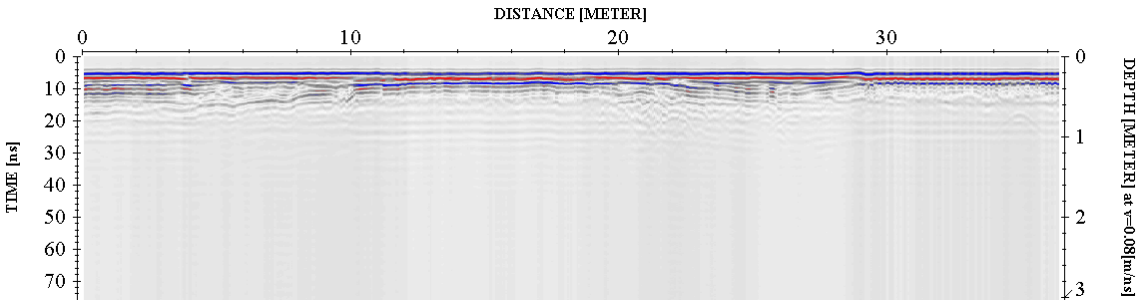
The project site was screened using GPR to search the specified area and inspected for reflections, which could be indicative of substructures and utilities within the subsurface. An EM utility locator was used to help determine the locations of utilities within the survey area.

EM data was collected and interpreted on site and suspected utilities marked as needed. GPR data profiles were collected for the areas of the Site specified by the client and processed as specified below.

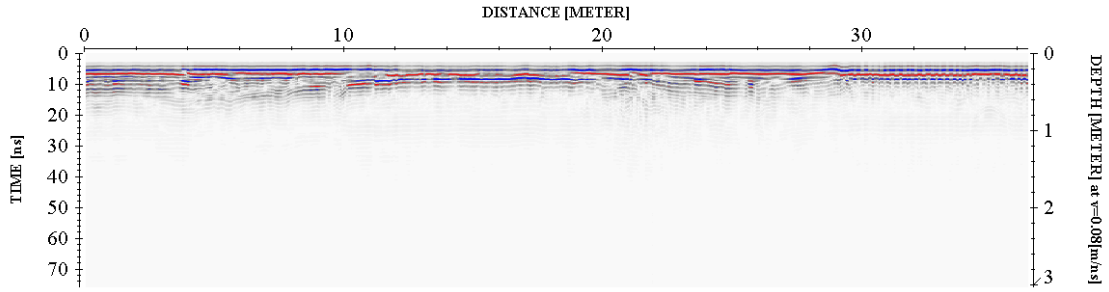
DATA PROCESSING

In order to improve the quality of the results and to better identify anomalies NOVA processed the collected data. The processing work flow is briefly described in this section.

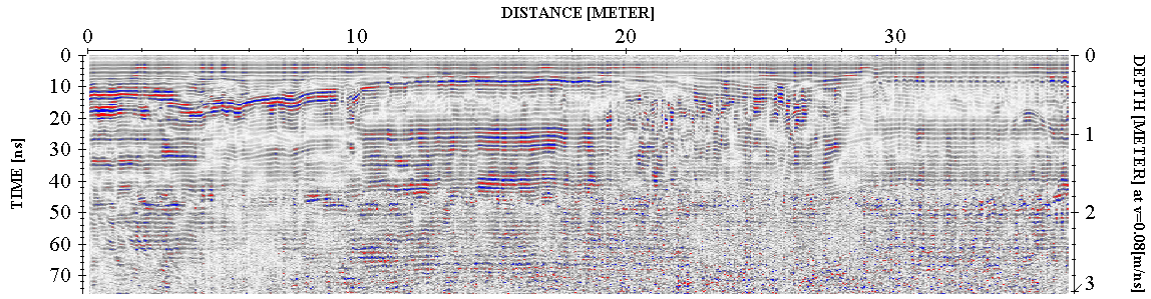
Step 1. Import Raw RAMAC data to standard processing format



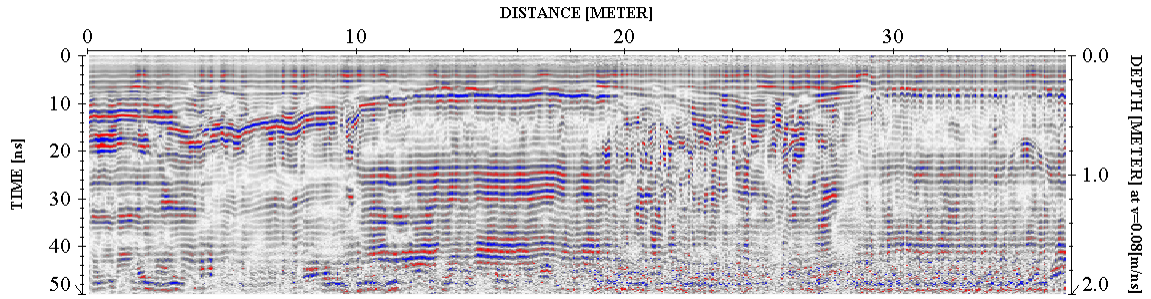
Step 2. Remove instrument noise *(dewow)*



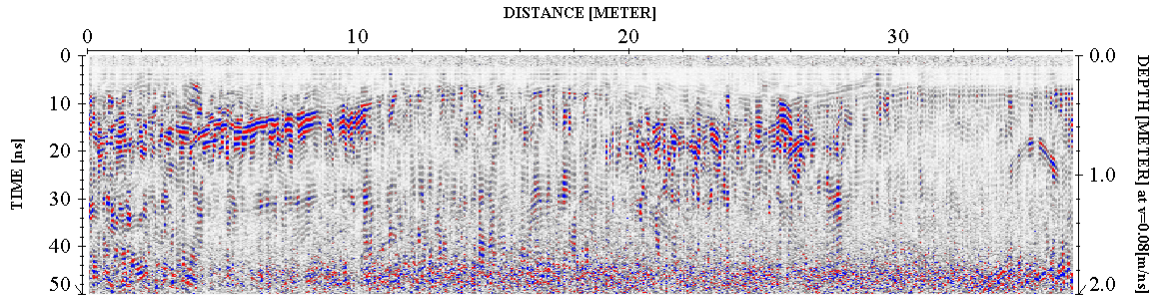
Step 3. Correct for attenuation losses *(energy decay function)*



Step 4. Remove static from bottom of profile *(time cut)*



Step 5. Mute horizontal ringing/noise *(subtracting average)*



The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and represents the subsurface anomalies much more accurately.

PHYSICAL SETTINGS

NOVA observed the following physical conditions at the time of the survey.

Weather: Sunny

Temperature: 79° F

Surface: Concrete, Asphalt, Vegetation

Geophysical Noise Level (GNL): The GNL was high at the site. The noise was a result of the site being in an urban setting environment.

RESULTS

The results of the geophysical engineering survey (GES) identified the following at the project site:

- The GES found utilities onsite (Gas, Electric, Water, sewage) The utilities were mapped and marked on the survey plan.
- Geophysical anomaly such as oil/water separator was found outside the site building and were marked onsite. This anomaly (oil/water separator) was connected to the public Sewer system located on Ganson Street.
- The GES identified a geophysical anomaly area associated with the metal pipe along the back of the site building. Further investigation of the anomaly with the GPR and EM confirmed that its connected an anomaly possibly a former oil/water separator connected with the trench drain located within the vicinity of the area. See survey map.
- The GES identified multiple Geophysical scattered anomalies and are marked onsite. These anomalies were consistent with disturbed soil and backfill. These locations are shown within the survey map.
- The GES did not identify any other major geophysical anomalies consistent with UST's during the survey.

If you have any questions, please do not hesitate to contact the undersigned.

Sincerely,

NOVA Geophysical Services



Levent Eskicakit, P.G., E.P.

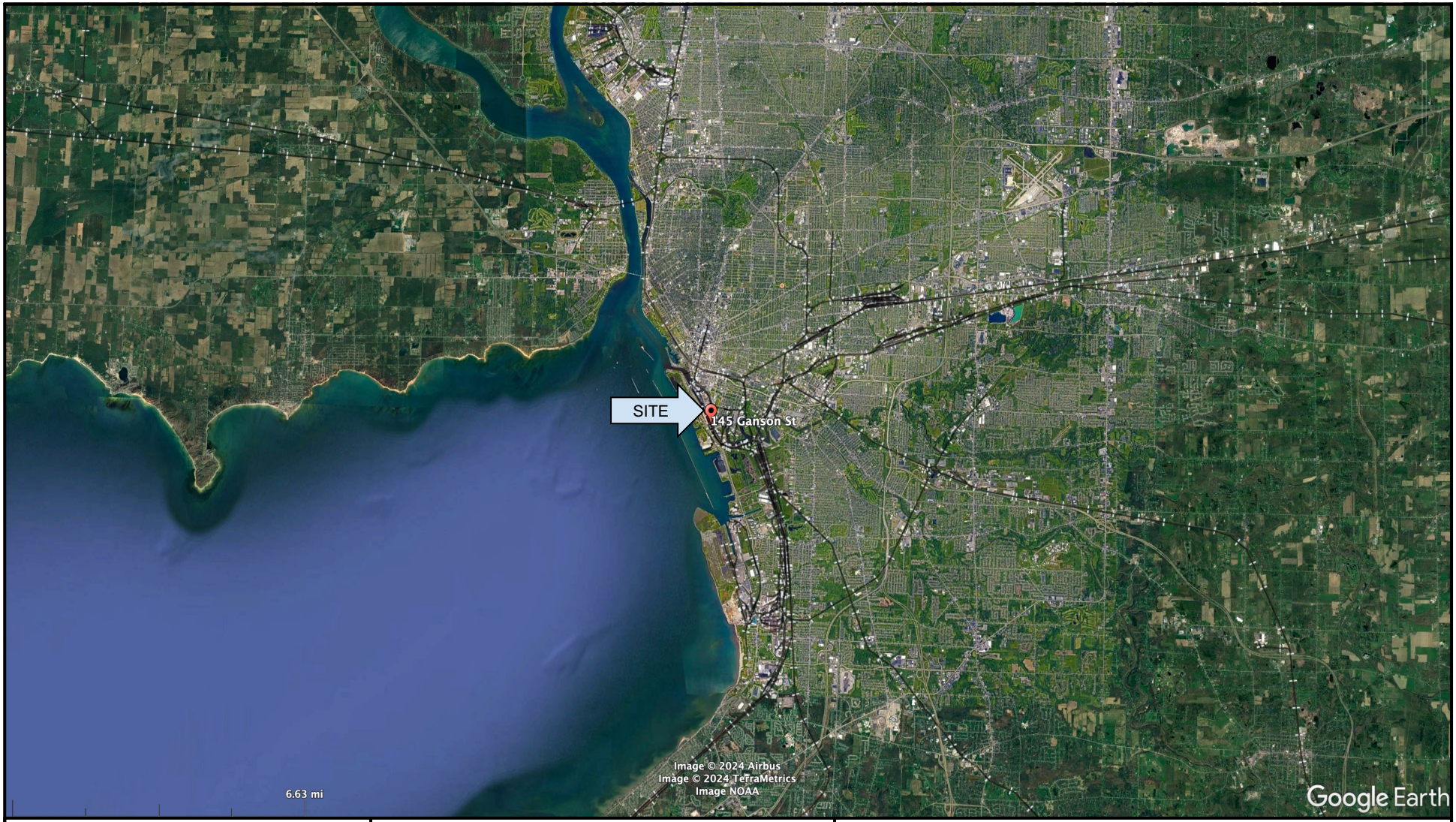
Project Manager

Attachments:

Location Map

Survey Plan

Geophysical Images



NOVA
Geophysical Services
Subsurface Mapping Solutions
56-01 Marathon Parkway, # 765
Douglaston, New York 11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.novagsi.com

Location Map

SITE:	**Commercial/ Industrial Property** 145 Ganson Street, Buffalo, New York 14203
CLIENT:	La Bella
DATE:	June 26th, 2024
AUTH:	Levent Eskicakit / Jason Staunton

LEGEND



NOVA
Geophysical Services
Subsurface Mapping Solutions
56-01 Marathon Parkway, PO Box 765
Douglaston, New York11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.novagsi.com

GEOPHYSICAL SURVEY PLAN

Site: Commercial / Industrial Property
145 Ganson Street (a.k.a. 127 Buffalo River)
Buffalo, NY 14203

Client: La Bella PC

Date: June 26, 2024

Scale: See Map

INFORMATION

- Project Area
- Geophysical Anomaly (Possible Oil/Water Separator)
- Geophysical Anomaly
- Anomaly (Oil/Water Separator)
- Overhead Electric Electric Line
- Sewer/Drain Lines
- Gas Line
- Water Line
- Sewer Manhole Cover
- Storm Drain
- Trench / Floor Drain

GEOPHYSICAL IMAGES

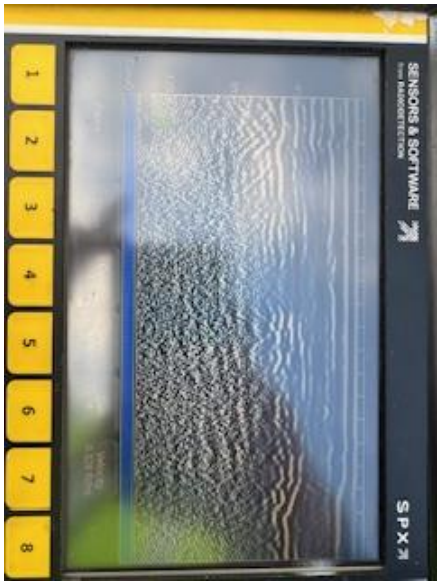
Industrial/ Commercial Property
145 Ganson Street
Buffalo, NY 14203
June 26th, 2024





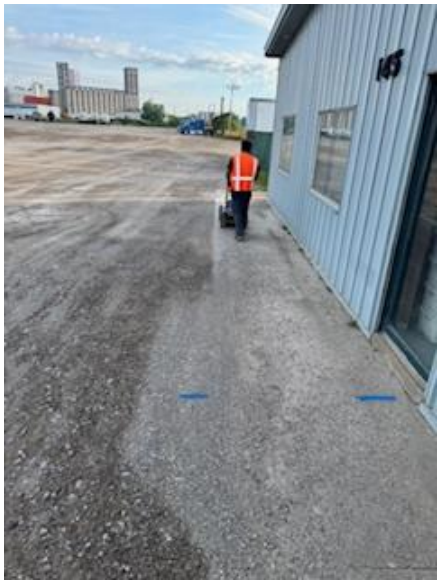




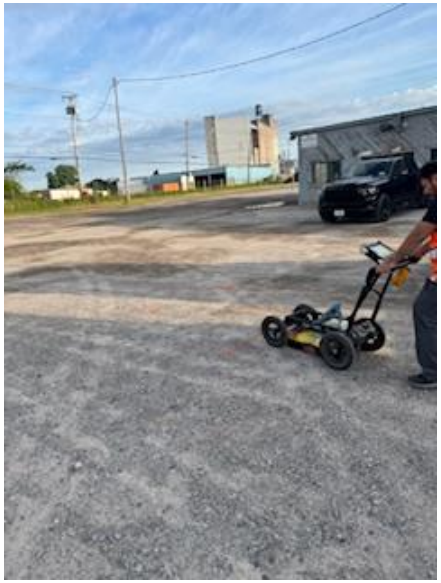





SENSORS & SOFTWARE
SPXM









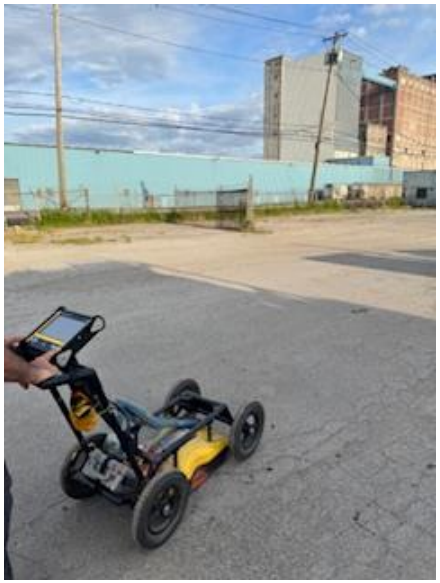


GEOPHYSICAL IMAGES

Industrial/ Commercial Property
145 Ganson Street
Buffalo, NY 14203
June 26th, 2024













GEOPHYSICAL IMAGES

Industrial/ Commercial Property
145 Ganson Street
Buffalo, NY 14203
June 26th, 2024

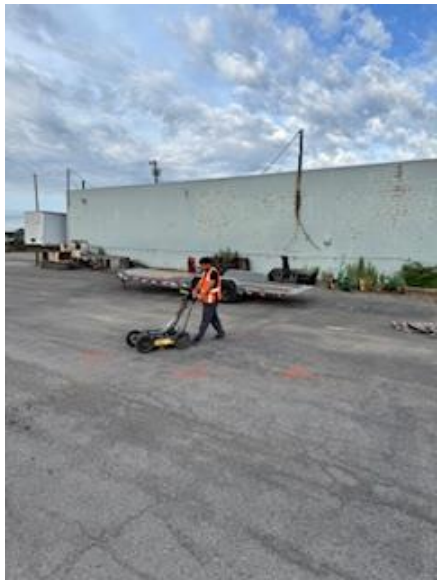


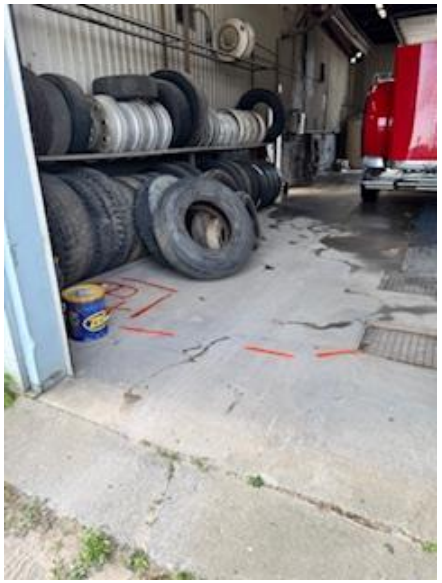




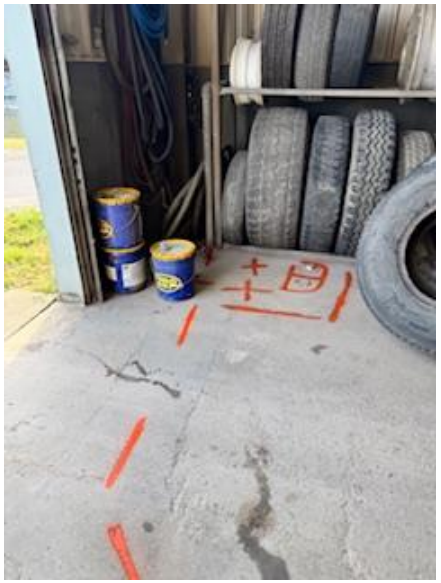









HYSTER



















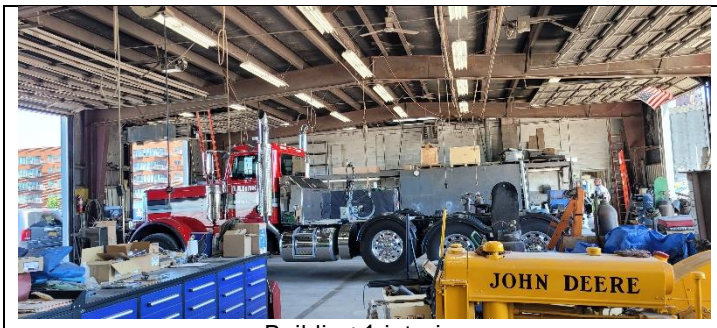






APPENDIX 7:
AST CLOSURE REPORT

APPENDIX 8:
PHOTO LOG



Building 1 interior
May 30, 2024

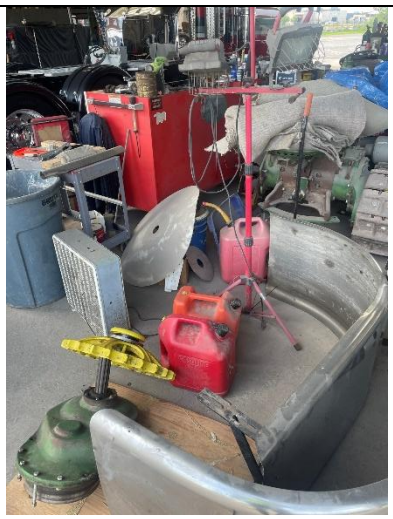

Parts washer (Building 1 interior)
May 21, 2024


Oil/Grease drums (Building 1 interior)
May 21, 2024


Miscellaneous repair fluids (Building 1 interior)
May 21, 2024



Used oil storage (Building 1 interior)
May 30, 2024

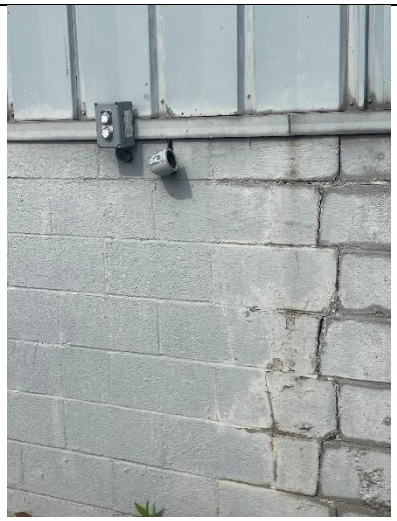

Material storage (Building 1 interior)
May 21, 2024



Trench drain (Building 1 interior)
May 21, 2024



Pipe of unknown nature (Building 1 interior)
May 21, 2024



Pipe of unknown nature (Building 1 exterior)
May 21, 2024



10,000-gallon diesel AST (Building 1 north exterior)
May 30, 2024



Staining adjacent 10,000-gallon diesel AST
(Building 1 north exterior)
May 30, 2024



Building 2 interior
May 30, 2024



Building 2 interior
May 30, 2024



Empty drums (Building 2 interior)
May 21, 2024



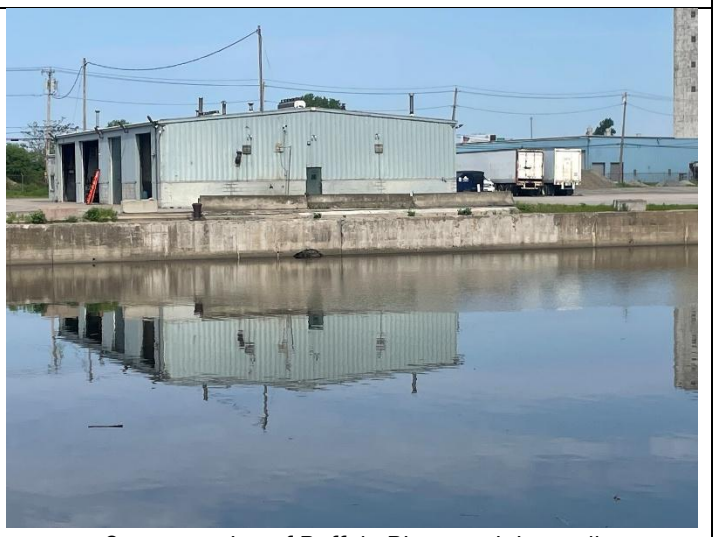
Suspect bollards (north exterior Building 2)
May 30, 2024



On-site Gravel piles east adjacent Ganson Street
May 30, 2024



South portion of Buffalo River retaining wall
May 21, 2024



Center portion of Buffalo River retaining wall
May 21, 2024



North portion of Buffalo River retaining wall
May 21, 2024



Former location of gravel piles
March 4, 2025



Former location of gravel piles
March 4, 2025



Ground surface proximate former gravel piles
March 4, 2025



Ground surface proximate former gravel piles
March 4, 2025

APPENDIX 9:
AIR MONITORING RESULTS

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530094307
Firmware Version	3.1
Calibration Date	2/25/2022
Test Name	MANUAL_001
Test Start Time	7:51:16 AM
Test Start Date	9/28/2022
Test Length [D:H:M]	0:06:11
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.01
Mass Minimum [mg/m3]	0.004
Mass Maximum [mg/m3]	0.037
Mass TWA [mg/m3]	0.008
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	371

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.018		
120	0.011		
180	0.016		
240	0.013		
300	0.01		
360	0.011		
420	0.01		
480	0.011		
540	0.011		
600	0.01		
660	0.01		
720	0.015		
780	0.019		
840	0.012		
900	0.012		
960	0.011		
1020	0.01		
1080	0.009		
1140	0.01		
1200	0.012		
1260	0.011		
1320	0.01		
1380	0.011		
1440	0.01		
1500	0.009		
1560	0.009		
1620	0.008		

1680	0.011
1740	0.012
1800	0.01
1860	0.023
1920	0.018
1980	0.015
2040	0.012
2100	0.022
2160	0.018
2220	0.014
2280	0.012
2340	0.013
2400	0.011
2460	0.01
2520	0.01
2580	0.009
2640	0.009
2700	0.009
2760	0.008
2820	0.008
2880	0.01
2940	0.01
3000	0.018
3060	0.015
3120	0.013
3180	0.012
3240	0.011
3300	0.014
3360	0.012
3420	0.01
3480	0.009
3540	0.013
3600	0.016
3660	0.018
3720	0.018
3780	0.017
3840	0.018
3900	0.017
3960	0.018
4020	0.018
4080	0.016
4140	0.015
4200	0.014
4260	0.023
4320	0.019
4380	0.016
4440	0.014

4500	0.018
4560	0.017
4620	0.017
4680	0.015
4740	0.012
4800	0.012
4860	0.011
4920	0.011
4980	0.012
5040	0.01
5100	0.011
5160	0.011
5220	0.009
5280	0.009
5340	0.008
5400	0.008
5460	0.008
5520	0.008
5580	0.008
5640	0.008
5700	0.007
5760	0.01
5820	0.01
5880	0.01
5940	0.009
6000	0.016
6060	0.018
6120	0.012
6180	0.013
6240	0.012
6300	0.011
6360	0.02
6420	0.016
6480	0.014
6540	0.012
6600	0.012
6660	0.011
6720	0.01
6780	0.009
6840	0.009
6900	0.008
6960	0.009
7020	0.01
7080	0.009
7140	0.008
7200	0.01
7260	0.009

7320	0.01
7380	0.009
7440	0.008
7500	0.008
7560	0.008
7620	0.007
7680	0.007
7740	0.009
7800	0.02
7860	0.012
7920	0.016
7980	0.037
8040	0.024
8100	0.033
8160	0.034
8220	0.022
8280	0.017
8340	0.017
8400	0.02
8460	0.013
8520	0.011
8580	0.011
8640	0.01
8700	0.01
8760	0.009
8820	0.009
8880	0.008
8940	0.008
9000	0.008
9060	0.008
9120	0.008
9180	0.008
9240	0.017
9300	0.013
9360	0.013
9420	0.012
9480	0.01
9540	0.009
9600	0.009
9660	0.008
9720	0.008
9780	0.008
9840	0.008
9900	0.008
9960	0.01
10020	0.01
10080	0.009

10140	0.008
10200	0.008
10260	0.008
10320	0.008
10380	0.008
10440	0.007
10500	0.007
10560	0.007
10620	0.007
10680	0.007
10740	0.007
10800	0.007
10860	0.007
10920	0.007
10980	0.022
11040	0.018
11100	0.016
11160	0.014
11220	0.011
11280	0.01
11340	0.009
11400	0.009
11460	0.008
11520	0.009
11580	0.008
11640	0.008
11700	0.009
11760	0.022
11820	0.014
11880	0.011
11940	0.013
12000	0.013
12060	0.011
12120	0.01
12180	0.01
12240	0.01
12300	0.011
12360	0.012
12420	0.01
12480	0.009
12540	0.009
12600	0.009
12660	0.009
12720	0.008
12780	0.008
12840	0.008
12900	0.013

12960	0.016
13020	0.013
13080	0.011
13140	0.01
13200	0.02
13260	0.015
13320	0.012
13380	0.014
13440	0.012
13500	0.011
13560	0.01
13620	0.01
13680	0.01
13740	0.011
13800	0.009
13860	0.015
13920	0.035
13980	0.027
14040	0.017
14100	0.012
14160	0.014
14220	0.015
14280	0.013
14340	0.011
14400	0.013
14460	0.012
14520	0.011
14580	0.01
14640	0.011
14700	0.011
14760	0.009
14820	0.009
14880	0.008
14940	0.008
15000	0.008
15060	0.008
15120	0.008
15180	0.008
15240	0.008
15300	0.008
15360	0.007
15420	0.014
15480	0.013
15540	0.009
15600	0.009
15660	0.009
15720	0.008

15780	0.008
15840	0.008
15900	0.007
15960	0.007
16020	0.007
16080	0.007
16140	0.006
16200	0.006
16260	0.006
16320	0.006
16380	0.006
16440	0.006
16500	0.006
16560	0.006
16620	0.006
16680	0.006
16740	0.006
16800	0.007
16860	0.007
16920	0.006
16980	0.006
17040	0.006
17100	0.006
17160	0.005
17220	0.006
17280	0.005
17340	0.005
17400	0.009
17460	0.01
17520	0.01
17580	0.01
17640	0.01
17700	0.01
17760	0.01
17820	0.009
17880	0.009
17940	0.008
18000	0.008
18060	0.008
18120	0.008
18180	0.008
18240	0.007
18300	0.007
18360	0.007
18420	0.007
18480	0.007
18540	0.007

18600	0.006
18660	0.006
18720	0.006
18780	0.006
18840	0.006
18900	0.006
18960	0.006
19020	0.006
19080	0.006
19140	0.006
19200	0.006
19260	0.005
19320	0.006
19380	0.005
19440	0.005
19500	0.005
19560	0.008
19620	0.015
19680	0.012
19740	0.012
19800	0.011
19860	0.01
19920	0.009
19980	0.008
20040	0.007
20100	0.007
20160	0.007
20220	0.006
20280	0.006
20340	0.006
20400	0.006
20460	0.006
20520	0.006
20580	0.006
20640	0.005
20700	0.005
20760	0.005
20820	0.005
20880	0.005
20940	0.005
21000	0.005
21060	0.004
21120	0.004
21180	0.004
21240	0.004
21300	0.004
21360	0.004

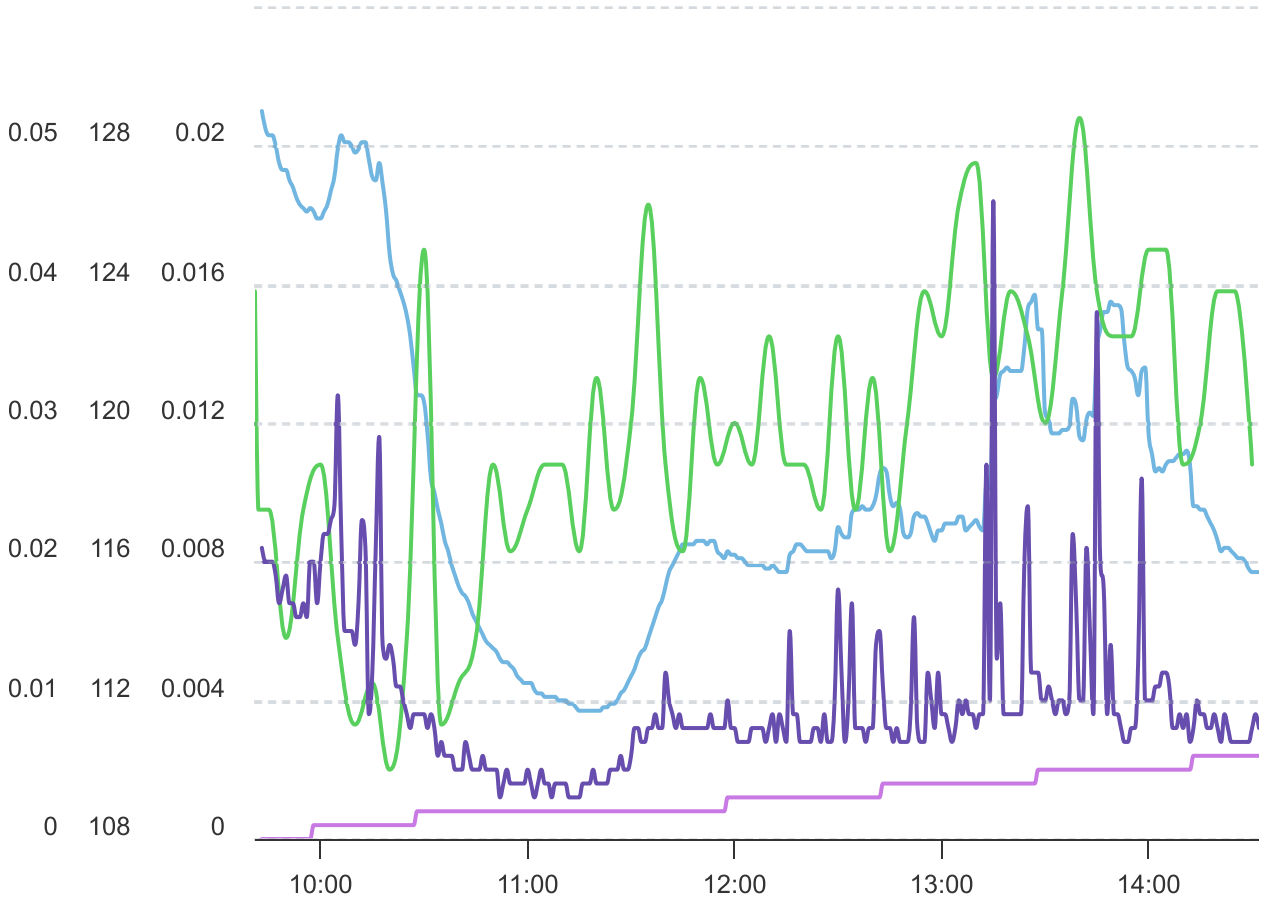
21420	0.004
21480	0.004
21540	0.004
21600	0.004
21660	0.004
21720	0.004
21780	0.004
21840	0.004
21900	0.004
21960	0.004
22020	0.004
22080	0.004
22140	0.004
22200	0.014
22260	0.018

LaBella Buffalo (FA05353)

2B018612

10/17/2024 07:00 - 10/17/2024 17:00

(GMT-05:00) Eastern Time (US & Canada)



Avg(Mass Conc. Total, mg/m^3, 15m)

MIN **0.004** AVG **0.01** MAX **0.021**

Avg(VOC, ppm, 15m)

MIN **N/A** AVG **N/A** MAX **N/A**

Current, mA

MIN **110** AVG **119.633** MAX **128.8**

VOC (Low), ppm

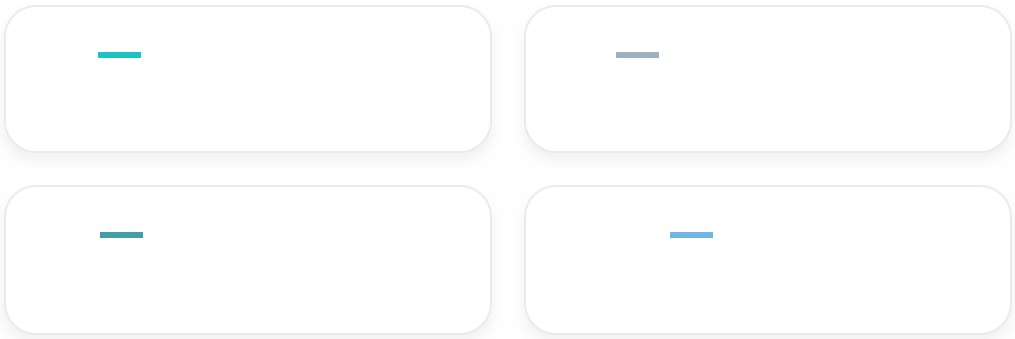
MIN **N/A** AVG **N/A** MAX **N/A**

Mass Conc. Total, mg/m^3

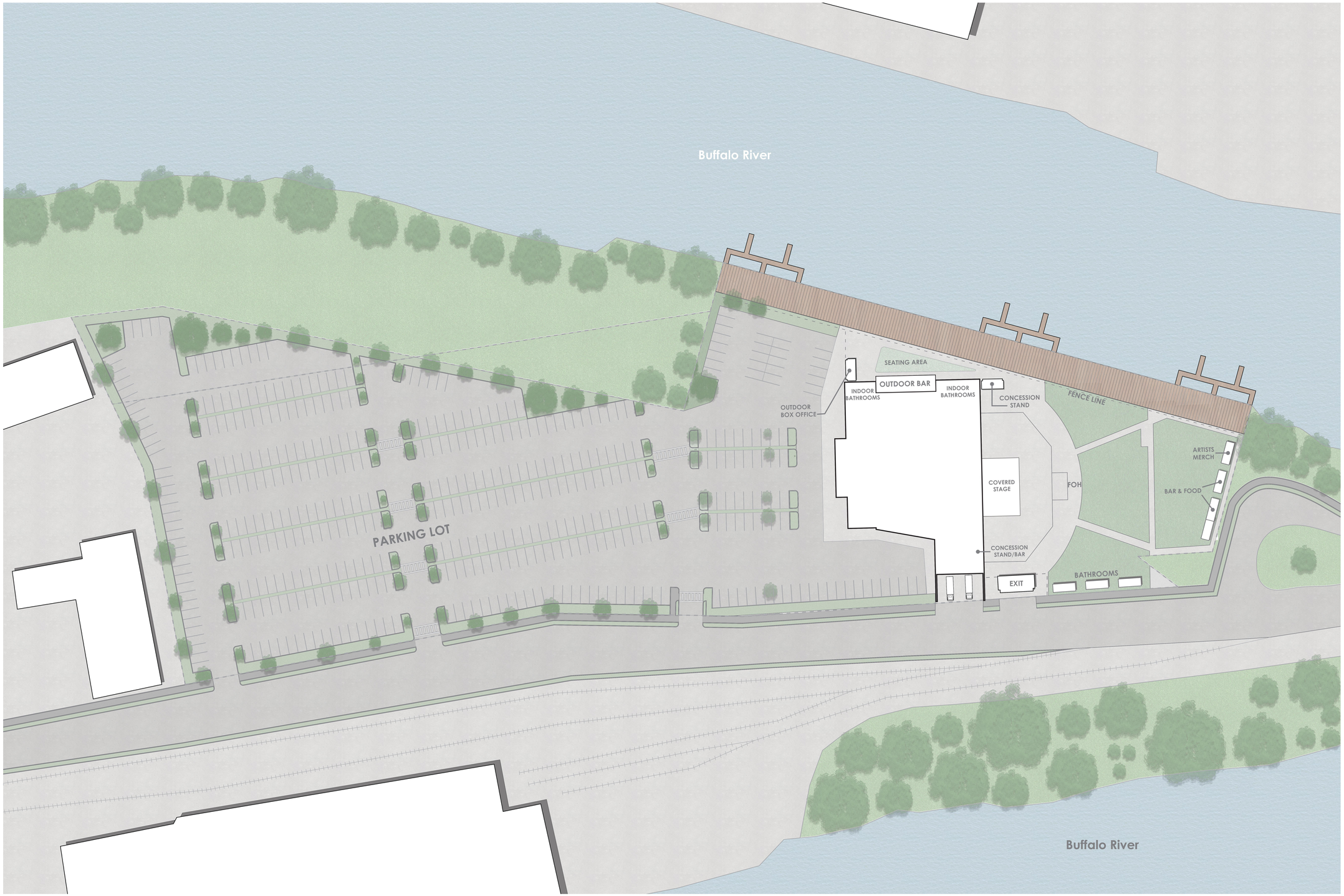
MIN **0.003** AVG **0.01** MAX **0.046**

Total TWA, mg/m^3

MIN **0** AVG **0.003** MAX **0.006**

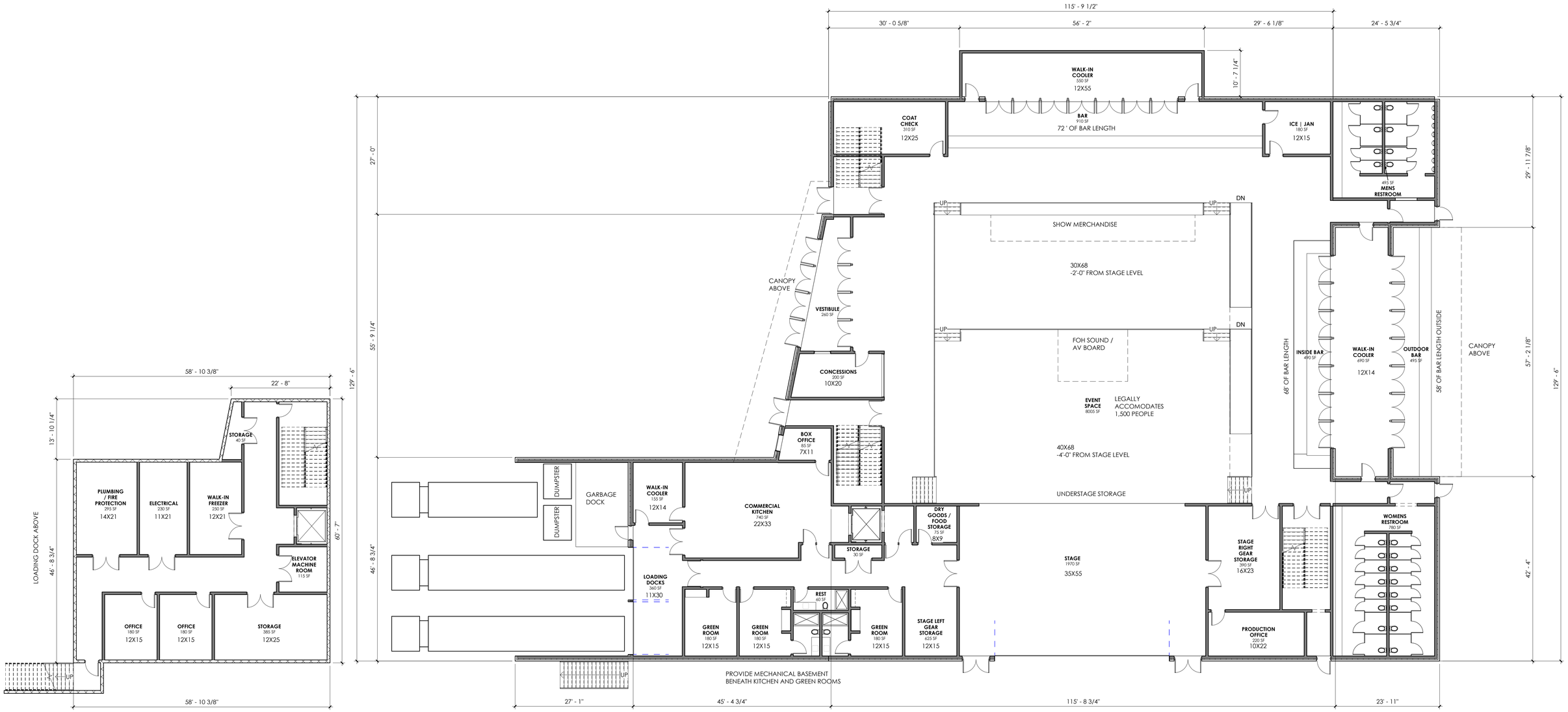


APPENDIX 10:
SITE CONCEPT PLANS



ELEV8
ARCHITECTURE

CONCERT VENUE | P-105
110.04.03
10.17.2024 | Site Plan



2 Basement Floor Plan

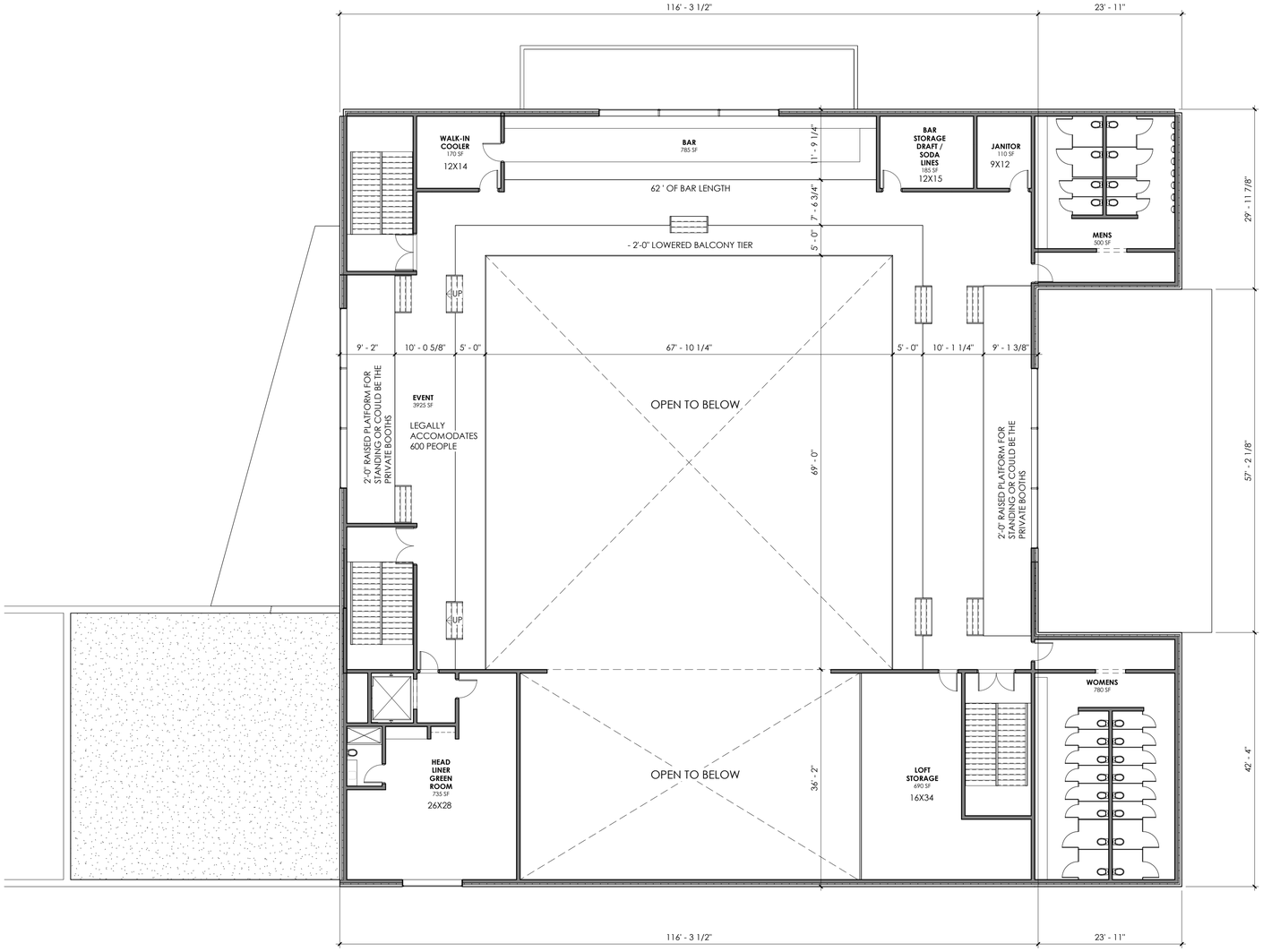
3/32" = 1'-0"

1 First Floor Plan

3/32" = 1'-0"

ELEV8
ARCHITECTURE

CONCERT VENUE | P-100
110.04.03
10.17.2024 | OPTION 5



1 Second Floor Plan

3/32" = 1'-0"

ELEV8
ARCHITECTURE

CONCERT VENUE | P-101
110.04.03
10.17.2024 | OPTION 5

APPENDIX 11:
BUFFALO CREEK
ELEVATION INFORMATION

GREAT LAKES WATER LEVEL 7-DAY SUMMARY
National Ocean Service (NOAA)
(20220911 - 20220917)

Run Date: 20250306 08:37
Units: Feet
Datum: IGLD 1985
Level: Preliminary

Station: 9063020 Buffalo, NY

Hour	Sep 11	Sep 12	Sep 13	Sep 14	Sep 15	Sep 16	Sep 17
1	572.50	572.21	572.15	572.75	571.76	572.36	572.22
2	572.52	572.26	572.33	572.60	571.74	572.37	572.32
3	572.46	572.55	572.24	572.74	571.75	572.28	572.33
4	572.35	572.48	572.18	572.66	571.81	572.24	572.31
5	572.25	572.32	572.05	572.75	572.00	572.15	572.30
6	572.28	572.27	572.20	572.56	572.17	572.06	572.29
7	572.25	572.46	572.22	572.49	572.29	572.13	572.32
8	572.18	572.76	572.32	572.43	572.38	572.15	572.24
9	572.15	572.90	572.11	572.23	572.47	572.21	572.18
10	572.18	573.23	572.12	572.26	572.50	572.35	572.12
11	572.17	573.11	572.36	572.27	572.29	572.41	572.15
12	572.10	573.35	572.64	572.44	572.11	572.43	572.12
13	572.00	572.87	573.07	572.62	572.08	572.54	572.12
14	571.95	572.87	572.77	572.81	571.99	572.54	572.17
15	572.33	572.46	572.68	572.98	571.94	572.43	572.22
16	572.04	572.40	572.67	573.18	571.96	572.36	572.21
17	572.20	572.43	572.34	573.06	572.03	572.31	572.23
18	572.27	572.34	572.36	572.85	572.09	572.19	572.30
19	572.27	572.63	572.15	572.62	572.15	572.16	572.35
20	572.12	572.62	572.36	572.40	572.25	572.09	572.22
21	572.03	572.59	572.34	572.14	572.33	572.05	572.28
22	572.12	572.67	572.49	571.97	572.39	572.09	572.28
23	572.08	572.69	572.60	571.85	572.44	572.11	572.25
24	572.18	572.53	572.57	571.76	572.38	572.15	572.39
Mean	572.21	572.62	572.39	572.52	572.14	572.26	572.25

Note: * Indicates Less Than 100% of the Hourly Data Available
# Indicates Less Than 66% of the Hourly Data Available
+ Consecutive Value Difference Exceeds 0.49 Feet
- Indicates Less Than 25% of the Hourly Data Available

These Preliminary Data have been subjected to a preliminary quality control check. They do not meet the control or quality assurance criteria and standards of official National Ocean Service Data. It is released for limited public use as Preliminary Data to be used only with appropriate caution.

Tools & Software

PC Products (https://geodesy.noaa.gov/PC_PROD/pc_prod.shtml)

Geodetic Tool Kit (https://geodesy.noaa.gov/TOOLS/index.shtml)

Web Services (https://geodesy.noaa.gov/web_services/index.shtml)

User-Contributed Software (https://geodesy.noaa.gov/PC_PROD/PARTNERS/index.shtml)

Other Products & Programs (https://geodesy.noaa.gov/INFO/programs-products.shtml)

International Great Lakes Datum of 1985

The North American Vertical Datum (NAVD) 1988 is based on orthometric height. Informally, this could be considered as a height above mean sea level. NAVD 88 is based on an adopted elevation

at Point Rimouski/Father's Point. And NAVD 88 is realized as Helmert orthometric heights, which are a good approximation to true orthometric heights. The NAVD 88 was affirmed as the official vertical datum for the United States by a notice in the Federal Register (**Vol. 58, No. 120 (/PUBS_LIB/FedRegister/FRdoc93-14922.pdf)**, page 34325) on June 24, 1993. For more information on NAVD 88, please check the **NAVD 88 report (/PUBS_LIB/NAVD88/navd88report.htm)**.



The International Great Lakes Datum (IGLD) 1985 is expressed as dynamic height. Informally, this could also be considered as a height equivalent (based on work to raise a unit mass) above mean sea level. IGLD 85 is also based on an adopted elevation at Point Rimouski/Father's Point. And, IGLD 85 is realized as mean water levels at a set of master water level stations on the Great Lakes. Due to various observational, dynamical, and steric effects, there will be slight departures between a dynamic height and an IGLD 85 height. These departures are known as hydraulic correctors, and are part of the NAVD 88/IGLD 85 datum transformation.

Hydraulic correctors are small quantities, seldom exceeding 10 cm. Because of their complex character, hydraulic correctors are rendered as data grids. And, the datum transformation process described above interpolates the hydraulic corrector for each point. The fitting process for the data grids was chosen to honor the master station values. A post-fit test that re-interpolated the hydraulic correctors at the master stations was shown to agree with less than 1 mm error. Of course, instrumental error and spatial variation of the hydraulic correctors will prevent the complete transformation from being more accurate than about a centimeter or two.

The NAVD 88/IGLD 85 datum transformation is a tool to convert coordinates between these two datums. This computation can be done interactively, or in batch mode by submitting a file of data points.

The Great Lakes are referenced to the International Great Lakes Datum of 1985 (IGLD 85) dynamic heights. The difference between IGLD 85 dynamic heights and NAVD 88 dynamic heights is known as a hydraulic corrector. An application which includes these hydraulic correctors is available for users who wish to compute IGLD 85 heights directly.

To interactively compute an IGLD 85 height for a NAVD 88 benchmark (/cgi-bin/IGLD85/IGLD85.prl)

For more information regarding the development of the hydraulic corrector model for IGLD 85, please visit **the web archive (/redirect.php?url=http://web.archive.org/web/20031211225815/http://chswww.bur.dfo.ca/danp/igld1985.html)**.

- **Interactively convert between a NAVD88 height and an IGLD 85 height. (/cgi-bin/IGLD85/IGLD85.prl)**
- **Submit batch file to convert between a NAVD88 height and an IGLD 85 height. (/cgi-bin/IGLD85/IGLD85.prl#FILE)**

Not near the Great Lakes but need to compute a dynamic height?

- **Interactively compute a Dynamic Height for a NAVD 88 benchmark. (/cgi-bin/dynamic_ht.prl)**
- **Dynamic Height Documentation (/TOOLS/DYNHT/dynamic_ht.pdf)**

Need to refer to monumented control?

- **Interactively retrieve NGS datasheets. (/datasheets/)**