2021 Periodic Review Report
(Reporting Period: December 27, 2019 to March 26, 2021)

Location:

Former Edgewood Warehouse Site
320 South Roberts Road, Dunkirk, New York
NYSDEC Site No. C907032

Prepared for:

320 Roberts Road Freezer, LLC
4 Centre Drive
Orchard Park, New York 14127

LaBella Project No. 2203235

April 19, 2021 (Revised June 10, 2021)

Olympic Towers, 300 Pearl Street, Suite 130 | Buffalo, NY 14202 | p 716-551-6281 | f 716-551-6282
www.labellapc.com

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1.0 EXECUTIVE SUMMARY

This Periodic Review Report (PRR) is a required element of the approved Site Management Plan (SMP) for the former Edgewood Warehouse Site in Dunkirk, New York. The Site was remediated in accordance with Brownfield Cleanup Agreement (BCA) No. C907032-11-17, Site No. C907032, which was executed in January 2018, and amended in June and December 2019.

1.1 Site Summary

The former Edgewood Warehouse Site (hereafter referred to as the "Site") occupies approximately 7.94 acres of a former industrial park in the City of Dunkirk, Chautauqua County, New York. Historically, the Site contained industrial buildings, the last of which were demolished in the fall of 2018 in connection with remediation and redevelopment of the Site under the New York State Brownfield Cleanup Program (BCP). The Site is located in an area zoned for industrial use and is currently occupied by an approximately 71,000-square foot freezer warehouse and an approximately 250-square foot backflow/pump house that were constructed in 2019. The remaining portions of the property generally consist of asphalt parking areas and roadways, a stormwater management area, a stone truck staging area, a stone fire access drive, and vegetated green space.

Environmental investigations conducted at the Site revealed that contamination associated with historical operations had impacted the Site, necessitating remedial activities. The remedial activities were completed pursuant to the BCP with oversight by the New York State Department of Environmental Conservation (NYSDEC) and Department of Health (NYSDOH). Following completion of the remedial work described in the NYSDEC-approved Remedial Work Plan (RWP), some contamination was left in the subsurface of the Site, which is hereafter referred to as "remaining contamination." The remedial efforts also included development of a SMP to manage the remaining contamination at the Site in perpetuity or until extinguishment of the Environmental Easement that was placed on the Site, in accordance with Environmental Conservation Law (ECL) Article 71, Title 36.

1.2 Effectiveness of Remedial Program

Based on a recent inspection of the Site, the Site cover system is intact and functioning as designed on the Site. Additionally, recent groundwater sampling results indicate that total volatile organic compound (VOC) concentrations at the Site have generally decreased since the initial post-remedial groundwater sampling event in August 2019. Indoor air quality monitoring conducted in the new warehouse facility to evaluate the effectiveness of the sub-slab depressurization system (SSDS) detected the presence of VOCs at concentrations slightly above applicable guidance levels at several locations within the facility. However, these detections may have been influenced by new building materials, furnishings and finishes; the use of cleaning products; and the limited occupancy and operational status of the facility.

1.3 Non-Compliance

No areas of non-compliance regarding the major elements of the SMP were identified during the preparation of this PRR.

1.4 Recommendations

Overall, the remedial program is viewed to be effective in achieving the remedial objectives for the Site. No changes to the SMP, the monitoring program or the frequency of PRR submissions are recommended at this time. Re-sampling of the indoor air quality in areas of the facility where slightly elevated concentrations of VOCs were detected is recommended to assist in evaluating the need for SSDS activation as prescribed in the SMP. Such will occur in July 2021.

2.0 SITE OVERVIEW

The Site is located at 320 South Roberts Road in the City of Dunkirk, New York. Figure 1 shows the location of the Site and Figure 2 is the Site plan that depicts the Site configuration and location of the groundwater monitoring well network. A mixture of commercial, industrial and residential properties comprise the land use in the Site's vicinity. The Site is bounded to the north by an active CSX rail yard; to the east by the undeveloped Former Roblin Steel property; to the south by a vacant office building and undeveloped land that comprise the Former Alumax extrusions property; and to the west by South Roberts Road. Lake Erie is situated approximately 2,650 feet to the northwest of the Site. Hyde Creek is located approximately 290 feet from the northeast corner of the Site.

2.1 Site Background

The Site occupies approximately 7.94 acres of a former industrial park. Historically, the American Locomotive Company (ALCO) operated a manufacturing complex at the Site and adjoining properties from 1910-1930. This complex was later converted by ALCO to manufacture process and military equipment, and packaged nuclear reactor components until 1963. Following ALCO facility closure, the Site was used for the manufacturing of stainless steel feed water heater tubes for heat exchangers; and wooden pallets, crates and boxes until 1997. The demolition of several onsite structures occurred in the 1980s, and the largest remaining structure was utilized for warehouse operations and by a variety of small businesses from 1997 until 2008. The County of Chautauqua acquired the Site via tax foreclosure in 2008 for the purpose of stimulating private redevelopment interests. That same year, Chautauqua County undertook a Remedial Investigation/Alternatives Analysis (RI/AA) of the Site under the New York State Environmental Restoration Program (ERP). Based on the RI/AA, the NYSDEC issued a Record of Decision (ROD) in 2010 specifying the selected remedy for the Site, which included:

- Limited excavation of soil in three areas containing elevated levels of SVOCS and metals;
- Removal and off-site disposal of contaminated sediments from pits and sumps, and cleaning/closure of drainage structures;
- Removal of asbestos and containers from the building;
- Removal of contaminated wood flooring blocks;
- Soil vapor mitigation;
- In-situ groundwater treatment of VOCs and groundwater monitoring;
- A cover system consisting of soil cover systems in vegetated areas and a six-inch pavement or concrete cover system in non-vegetated areas;
- Development of an SMP describing institutional and engineering controls for the Site; and,
- An environmental easement with requirement for periodic certification.

The Site remained dormant from 2008 until 2018 when The Krog Group, LLC entered into a BCA with the NYSDEC to remediate the Site in accordance with the ROD. Said BCA was amended in June

2019 to reflect 320 Roberts Road Freezer, LLC as the Site owner and BCP volunteer, and a second amendment to the BCA was made in December 2019. The remedy established in the ROD was implemented in 2018-2019 in accordance with a NYSDEC-approved RWP. A Final Engineering Report (FER) summarizing and documenting the remedial program completed at the site was filed in December 2019 and subsequently approved by the NYSDEC. The Site was redeveloped with a new temperature controlled warehouse that commenced operation in late 2020.

2.2 Remedial Program Overview

The remediation program was completed in conformance with the NYSDEC-approved Remedial Work Plan (RWP) prepared by LaBella Associates D.P.C. (LaBella), dated May 2018. The following remedial program elements were completed:

- Limited subsurface soil/fill removal from the three contaminated "Hot Spot" areas that were potentially adversely affecting groundwater quality. The excavated soil/fill from these areas was transported off-site for disposal at the Chautauqua County Landfill. The limits of the excavations were confirmed with post-excavation sampling, extending to the points at which sample concentrations approached typical site levels;
- Cleaning and decommissioning of Site drainage structures and removal of brick incinerator;
- Removal and disposal of forty, 55-gallon drums of apparent food product waste;
- Removal of asbestos-containing materials (ACMs);
- Removal of deteriorated, loose flaking or peeling paint and disposal at approved landfill facilities as hazardous and non-hazardous waste;
- Removal of hazardous and non-hazardous wood block flooring;
- Controlled demolition of the remaining buildings;
- Removal and crushing of unadulterated concrete block, concrete floor slabs/foundations and brick followed by the placement and grading of the crushed material on the Site as backfill beneath the final cover system;
- Removal and proper off-site disposal of approximately 7.14 tons of stained concrete;
- Removal, treatment and permitted discharge of petroleum-impacted perched groundwater encountered during foundation excavations to the municipal sanitary sewer system;
- Removal of two 3,000-gallon gasoline underground storage tanks (USTs) and confirmatory soil sample characterization to verify compliance with soil cleanup objectives;
- Removal of steel building components and transport to a recycling facility;
- Removal of approximately 495 tons of petroleum-impacted soil encountered during foundation and utility excavations and disposal at the Chautauqua County Landfill;
- Implementation of a NYSDEC-approved In-Situ Groundwater Treatment Plan to remediate chlorinated VOCs present in the groundwater migrating onto the Site from up-gradient locations. The in-situ groundwater treatment program included the construction of a permeable reactive barrier (PRB) trench transecting the east portion of the Site from the north Site boundary to the south Site boundary; and direct-push injections over an approximately 18,300-square foot area along the east side of the new freezer warehouse facility;
- Installation of a Sub-slab Depressurization (SSD) system to mitigate the potential for soil vapor intrusion in the new freezer warehouse facility. The SSD system is a passive system that was designed to enable conversion to an active system should conditions warrant;
- Construction of a cover system to prevent exposure to remaining contamination in the soil/fill at the Site. The cover system includes a 12-inch clean soil cover for all vegetated areas. The

soil cover consists of six inches of clean soil underlain by an orange plastic demarcation layer to clearly mark the top surface of the un-remediated soil/fill that remains on the Site. Six inches of topsoil was placed atop the clean soil to support vegetation. Stone parking or storage areas consist of a 12-inches of clean stone cover underlain by a geotextile fabric and orange plastic demarcation mesh. Areas of the site covered by impermeable surfaces (buildings, roadways, parking lots, etc.) consist of a minimum of at least six inches of asphalt pavement or concrete slabs;

- Imposition of an institutional control in the form of an environmental easement that requires (a) limiting the use and development of the property to commercial use, which also permits industrial use; (b) compliance with the approved site management plan; (c) restricting the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by County health department; and (d) the property owner to complete and submit to the NYSDEC a periodic certification of institutional and engineering controls;
- Development of a site management plan (SMP) that includes the following institutional and engineering controls: (a) management of the final cover system to restrict excavation below the soil cover's demarcation layer, pavement, or buildings. Excavated soil will be tested, properly handled to protect the health and safety of workers and the nearby community, and will be properly managed in a manner acceptable to the NYSDEC; (b) continued evaluation of the potential for vapor intrusion for any additional new buildings developed on the site; (c) monitoring of groundwater; (d) identification of any use restrictions on the site; and (e) provisions for the continued proper operation and maintenance of the components of the remedy;
- Periodic certification of institutional and engineering controls, prepared and submitted by a professional engineer or such other expert acceptable to the NYSDEC, until the NYSDEC notifies the property owner in writing that this certification is no longer needed; and
- Operation of the components of the remedy until the remedy objectives have been achieved, or until the NYSDEC determines that the continued operation is technically impractical or not feasible.

Following completion of the remedial work described in the RWP, some contamination was left in the subsurface of the Site. The SMP was formulated to manage remaining contamination at the Site in perpetuity or until extinguishment of the Environmental Easement in accordance with ECL Article 71, Title 36.

3.0 EFFECTIVENESS OF THE REMEDIAL PROGRAM

As detailed below in Section 4.1.2, the Site Cover System was inspected on March 10, 2021. Based on this inspection, the cover system is intact and functioning effectively throughout the Site.

The results of the March 2021 groundwater sampling event indicate that total VOC concentrations at the Site have generally decreased since the initial post-remedial groundwater sampling event (August 2019).

Recent indoor air quality results intended to verify the effectiveness of the SSDS installed beneath the new warehouse building may have been influenced by the limited operational status and occupancy of the building; the use of cleaning products during the sampling event; and off-gassing

from new building materials, furnishings and finishes. Consequently, additional indoor air monitoring has been recommended to assess the need for activation of the SSDS. Such will occur in July 2021.

4.0 INSTITUTIONAL/ENGINEERING CONTROL (IC/EC) PLAN COMPLIANCE REPORT

4.1 IC/EC Requirements and Compliance

4.1.1 IC Requirements-Site Restrictions

In accordance with the SMP, the Site has a series of Institutional Controls (ICs) in the form of Site restrictions. Adherence to these ICs is required by the Environmental Easement. The Environmental Easement is included as Appendix 1. Site restrictions that apply are as follows:

- The property may be used for commercial or industrial use;
- All ECs must be operated and maintained as specified in the SMP;
- All ECs must be inspected at a frequency and in a manner defined in the SMP;
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Chautauqua County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the NYSDEC;
- Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;
- Data and information pertinent to site management must be reported at the frequency and in a manner as defined in the SMP;
- All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;
- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP;
- Access to the Site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement;
- The potential for vapor intrusion must be evaluated for any new buildings developed at the Site, and any potential impacts that are identified must be monitored or mitigated; and,
- Vegetable gardens and farming on the Site are prohibited.

4.1.2 Engineering Controls-Site Cover System

Exposure to the remaining contamination in soil/fill at the Site is prevented by a cover system that was previously placed over the Site. This cover system is comprised of a minimum of 12 inches of clean soil, or at least six inches of asphalt pavement or concrete-covered sidewalks and/or concrete building slabs. The EWP, which appears in Appendix 4 of the SMP, outlines the procedures that are required to be implemented in the event the cover system is breached, penetrated or temporarily removed, and any underlying remaining contamination is disturbed. The cover system is a permanent control and the quality and integrity of this system will be inspected at defined, regular intervals in perpetuity.

Pursuant to the requirements of the EWP, LaBella submitted notification to the NYSDEC on December 7, 2020 of geotechnical drilling planned in connection with the evaluation of the Site for potential expansion of the warehouse facility. NYSDEC provided approval to proceed with the drilling program on December 8, 2020 and the geotechnical test borings were conducted on December 17 and 18, 2020. The work was conducted in accordance with the EWP and included air monitoring per the Community Air Monitoring Plan (CAMP), repair of the demarcation layer, where encountered, and restoration of the cover system. Three borings were advanced in the parking area east adjacent the warehouse (B1, B-1A and B-1B) while one boring was advanced along the east Site boundary in the grass area (B-2). Equipment refusal was encountered in B1 and B-1A which led to the advancement of B-1B. Borings were advanced to depths of approximately 19-25 feet below the ground surface and were grouted with a cement/bentonite mixture to within one foot of the ground surface upon completion. A map of the boring locations and the boring logs are provided in Appendix 7. Auger cuttings and residual split-spoon sample material was placed in 55-gallon drums for proper off-site disposal. Waste stream disposal documentation will be forwarded to the NYSDEC upon removal of the drums which is currently in progress.

On March 10, 2021, LaBella conducted the annual Site inspection, which included traversing the Site on foot to observe the current conditions. The Cover Inspection Form is included herein as Appendix 2. Appendix 3 includes photographs taken during the Site inspection.

The Site currently consists of the following: an approximately 71,000-square foot cold storage facility and an approximately 250-square foot backflow/pump house. The remaining portions of the property generally consist of asphalt parking areas and roadways, a stormwater management area, a stone truck staging area, a stone fire access drive, and vegetated green space. All cover system types were observed to be intact at the time of the site inspection.

4.2 IC/EC Certification

The IC/EC Certification Form was completed in its entirety as all ICs/ECs are in place for the Site per the SMP. Appendix 4 includes the NYSDEC "Site Management Periodic Review Report Notice-Institutional and Engineering Controls Certification Form."

5.0 MONITORING PLAN COMPLIANCE REPORT

5.1 Requirements

The Monitoring Plan is included in Section 4.0 of the SMP and describes the measures for evaluating: (1) the performance and effectiveness of the remedy to reduce or mitigate contamination at the Site; (2) the cover system; and (3) all affected Site Media.

The Monitoring Plan describes the methods to be used for:

- Sampling and analysis of all appropriate media (e.g., groundwater);
- Assessing compliance with applicable NYSDEC standards, criteria and guidance, particularly groundwater standards;
- Monitoring the cover system;
- Assessing achievement of the remedial performance criteria;
- Evaluating Site information periodically to confirm that the remedy continues to be effective in protecting public health and the environment; and,

- Preparing the necessary reports for the various monitoring activities.

To adequately address these issues, the Monitoring Plan provides information on:

- Sampling locations, protocol, and frequency;
- Information on all designed monitoring systems (e.g. well logs);
- Analytical sampling program requirements;
- Reporting requirements;
- Quality Assurance/Quality Control (QA/QC) requirements;
- Inspection and maintenance requirements for monitoring wells;
- Monitoring well decommissioning procedures; and,
- Annual inspection and periodic certification.

5.2 Groundwater Monitoring

The groundwater monitoring program on an annual basis is required. Groundwater samples are analyzed for VOCs appearing on the United States Environmental Protection Agency (USEPA) Target Compound List (TCL). Trends in contaminant levels in groundwater are evaluated to determine if the remedy continues to be effective in achieving remedial goals.

The groundwater monitoring network prescribed in the SMP consists of four monitoring wells (MW-4RR and MW-11, MW-15 and MW-16). Well MW-15 is located up-gradient of the PRB trench near the up-gradient Site boundary relative to groundwater flow direction. Well MW-11 is located down-gradient from the PRB trench and near the down-gradient site boundary with respect to groundwater flow direction. Well MW- 16 is located within the zone of in-situ treatment, and MW-4RR is situated down-gradient of this zone.

5.2.1 Sampling Procedure

Groundwater monitoring wells were purged and sampled in general accordance with the procedures detailed in the December 2019 SMP. All monitoring well sampling activities were recorded on groundwater sampling logs, which are included as Appendix 5. Other observations (e.g. well integrity, etc.) were also noted on the well sampling logs. Prior to the initiation of groundwater sampling, groundwater levels were measured with an electronic water level indicator to determine the static water level below the ground surface elevation. The groundwater levels were used to determine the volume of standing water in the wells.

Well purging consisted of the evacuation of a minimum of three well volumes using NYSDEC-approved low-flow purging procedures via a Geotech Geopump II Pump. Development water was allowed to infiltrate back into the Site subsurface. No development water was allowed to leave the boundary of the Site. After completion of development, the wells were allowed to recharge. The samples were collected within three hours of completion of well purging using the low-flow method previously identified. Sample volumes were collected into clean sample bottles containing hydrochloric acid preservative provided by the laboratory. The groundwater samples were submitted for analysis of TCL VOCs via USEPA Method 8260.

5.2.2 Sample Preservation and Handling

Immediately after collection, all samples were placed in a cooler and chilled with ice. To ensure sample integrity, a Chain-of-Custody (COC) sample record was established and kept with the samples

to document each person that handled the samples. The samples were transported to Test America Laboratories, Inc., a NYSDOH Environmental Laboratory Accreditation Program certified laboratory for analysis. The COC records established for the collected samples were maintained throughout the laboratory handling. Copies of the COC and complete analytical laboratory report are included in Appendix 6.

5.2.3 Quality Assurance/Quality Control Samples

In addition to field samples, 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. The QA/QC samples included a blind field duplicate and a trip blank that were also analyzed for TCL VOCs.

5.2.4 Analytical Results

The following section summarizes and discusses the analytical results generated during the aforementioned monitoring event. For discussion purposes, these results are compared with the Standards Criteria and Guidance Values applicable to groundwater: NYSDEC's June 1998 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations in the Technical and Operational Guidance Series (TOGS) 1.1.1. These results are also compared with those generated from the initial post-remedial sampling of these wells in August 2019 to identify any trends with respect to contaminant concentrations over time.

Table 1 summarizes the post-remedial groundwater sampling results (August 2019 vs. March 2021) and compares the results to the applicable water quality standards. Figure 2 depicts the locations of the monitoring wells while Figure 3 depicts apparent groundwater flow direction at the Site. Groundwater elevations depicted in Figure 3 were calculated based upon the top of casing elevations listed in the SMP and the initial water level measurements recorded on the groundwater sampling logs.

5.3 Comparisons with Remedial Objectives

As shown in Table 1, low concentrations of one to four VOCs were detected in the samples collected from each of the four monitoring wells in March 2021, but when compared to the August 2019 results, total VOC concentrations decreased in three (MW-11, MW-15 and MW-16) of the four wells. This included significant decreases in MW-11 and MW-15. Total VOC concentrations detected in the fourth well (MW-4RR) in March 2021 increased slightly relative to August 2019 levels. While no contraventions of the Water Quality Standards (WQS) were noted in MW-15, one to two VOCs were detected at concentrations exceeding the WQS in the remaining three wells. The VOC detections in each of the four wells are discussed below:

- Two VOCs were detected at concentrations above the WQS in the sample collected from MW-4RR. Total VOC concentrations in this well have slightly increased since the August 2019 sampling event, but remain well below the level observed proximate this well (i.e., from Phase II ESA-MW-4) in March 1999.

- Two VOCs were detected at concentrations above the WQS in the sample collected from MW-11, but the concentration of total VOCs in this well have substantially decreased since the August 2019 sampling event.

- No VOCs were detected within MW-15 at concentrations above the WQS and the concentration of total VOCs in this well have substantially decreased since the August 2019 sampling event.

- One VOC was detected at a concentration above the WQS in the sample collected from MW-16. However, total VOC concentrations in this well have decreased since the August 2019 sampling event.

A comparison of the results from MW-15 with those from the blind field duplicate indicates a slight variation in the analytes detected. Three VOCs including acetone, cyclohexane and methylcyclohexane were detected in the blind field duplicate that were not detected in the sample designated MW-15. Acetone was also detected in the trip blank. Despite these issues with the QA/QC sample analysis, the overall data has been deemed acceptable for use by Vali-Data of WNY, LLC in a Data Usability Summary Report (DUSR) dated April 5, 2021. A copy of the DUSR is located in Appendix 6 after the laboratory analytical report.

5.4 Monitoring Deficiencies

No monitoring deficiencies were identified during the completion of the annual ground water sampling event in March 2021.

5.5 Groundwater Monitoring Conclusions and Recommendations

Total VOC concentrations have decreased in three (MW-11, MW-15 and MW-16) of the four wells comprising the groundwater monitoring network at the Site since the initial post-remedial groundwater sampling event conducted in August 2019. Additionally, the number of individual VOCs detected at concentrations exceeding the WQS in all of the wells has decreased from 16 to 5 over the same time period. While a slight increase in the total VOC concentration detected in MW-4RR was observed in the recent sampling event, the total VOC level in this well has remained relatively low and is substantially below the historical maximum level detected at a predecessor well in the same general area. These data indicate that the groundwater remedy is effectively achieving reductions in contaminant concentrations in the area subject to in-situ treatment.

In consideration of the information above, no changes to the SMP or the frequency of PRR submissions are recommended at this time.

5.6 Post-Construction Indoor Air Quality Monitoring

Section 3.3.3.2 of the SMP indicates that the SSDS will remain a passive system unless the results of indoor air sampling to be conducted six months after completion of construction of the building indicate that activation of the system is necessary. The six month interval following construction was selected to minimize the influence of VOC emissions from new building materials and products and to facilitate the collection of indoor air quality samples that are representative of fully operational conditions at the facility (i.e., building systems are fully functioning and facility is operating at capacity).

The post-construction indoor air quality monitoring event was conducted by LaBella in November 2020 and is summarized in the letter report provided in Appendix 8. As reflected in this report, the facility was not fully operational, did not contain product and was sparsely occupied at the time of

the sampling event. Indoor air samples were collected via summa canisters from each of the two freezer units, the shipping-receiving /re-packing area, the office area and the mechanical area and were analyzed for chlorinated VOCs via United States Environmental Protection Agency (USEPA) Method TO-15. Two outdoor background samples were also collected and analyzed via this method.

With the exception of cis-1,2-dichloroethene and trichloroethene in the sample collected from the office area, all VOC concentrations detected in the air samples collected from the building were below the USEPA 2001: Building Assessment and Survey Evaluation (BASE) database 90th percentile values included on Table C2 in Appendix C of the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006. Comparison of the analytical results to the Soil Vapor/Indoor Air Matrices included in the New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006, updated May 2017, revealed cis-1,2-dichloroethene, 1,1,1-trichloroethane, and trichloroethene in the sample collected from the office area and trichloroethene in the samples collected from the east freezer unit and shipping/receiving area were detected at concentrations exceeding the maximum indoor air concentrations on the respective matrices, indicating source identification, resampling or mitigation is necessary. The trichloroethene concentrations in the east freezer unit and shipping/receiving areas only minimally exceeded the maximum indoor air concentration on the Soil Vapor/Indoor Air Matrix. No VOCs were detected in the outdoor background air samples.

The office area is the only finished area within the freezer facility. Additionally, as identified in the Indoor Air Quality Questionnaire and Building Inventory, cleaning chemicals were utilized in the vicinity of this sample location during the sampling period. Cleaners, along with new building materials, furnishings and finishes are known to emit organic chemicals. When coupled with the limited operating status of the facility, these products and materials may have negatively influenced the indoor air quality results. Therefore, LaBella recommends resampling the areas of the freezer facility where VOC exceedances were detected (i.e., office area, shipping/receiving area and east freezer unit) once the facility has become fully operational to confirm the effectiveness of the passive SSDS.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The Site Cover System was inspected in March 2021 and was observed to be intact and functioning as designed throughout the Site.

Total VOC concentrations in the majority of the Site wells have decreased over time indicating the effectiveness of the groundwater remedy.

Recent indoor air quality results intended to verify the effectiveness of the SSDS installed beneath the new warehouse building may have been influenced by the limited operational status and occupancy of the building; the use of cleaning products during the sampling event; and off-gassing from new building materials, furnishings and finishes. Consequently, re-sampling of the indoor air quality in office area, east freezer unit and shipping/receiving areas of the facility where slightly elevated concentrations of VOCs were detected is recommended to assist in evaluating the need for SSDS activation. Re-sampling should be conducted once the facility has become fully operational. Such will occur in July 2021.

No changes to the Monitoring Plan or the SMP are recommended.

7.0 LIMITATIONS

The conclusions presented in this report are based on information gathered in accordance with generally acceptable professional consulting principles and practices. All conclusions reflect observable conditions existing at the time of the Site inspection. Information provided by outside sources (individuals, agencies, laboratories, etc.) as cited herein, was used in the assessment of the Site. The accuracy of the conclusions drawn from this assessment is, therefore, dependent upon the accuracy of information provided by these sources. Furthermore, LaBella is not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to the performance of services.

This report is based upon the application of scientific principles and professional judgment to certain facts with resultant subjective interpretations. Professional judgments expressed herein are based upon the facts currently available with 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 Labella's' intent that the conclusions and recommendations stated herein will be intended as guidance and not necessarily a firm course of action expect where explicitly stated as such. LaBella 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 be construed as legal advice.

This assessment and report have been completed and prepared on behalf of and for the exclusive use of 320 Roberts Road Freezer, LLC. Any reliance on this report by a third party is at such party's sole risk.

8.0 REFERENCES

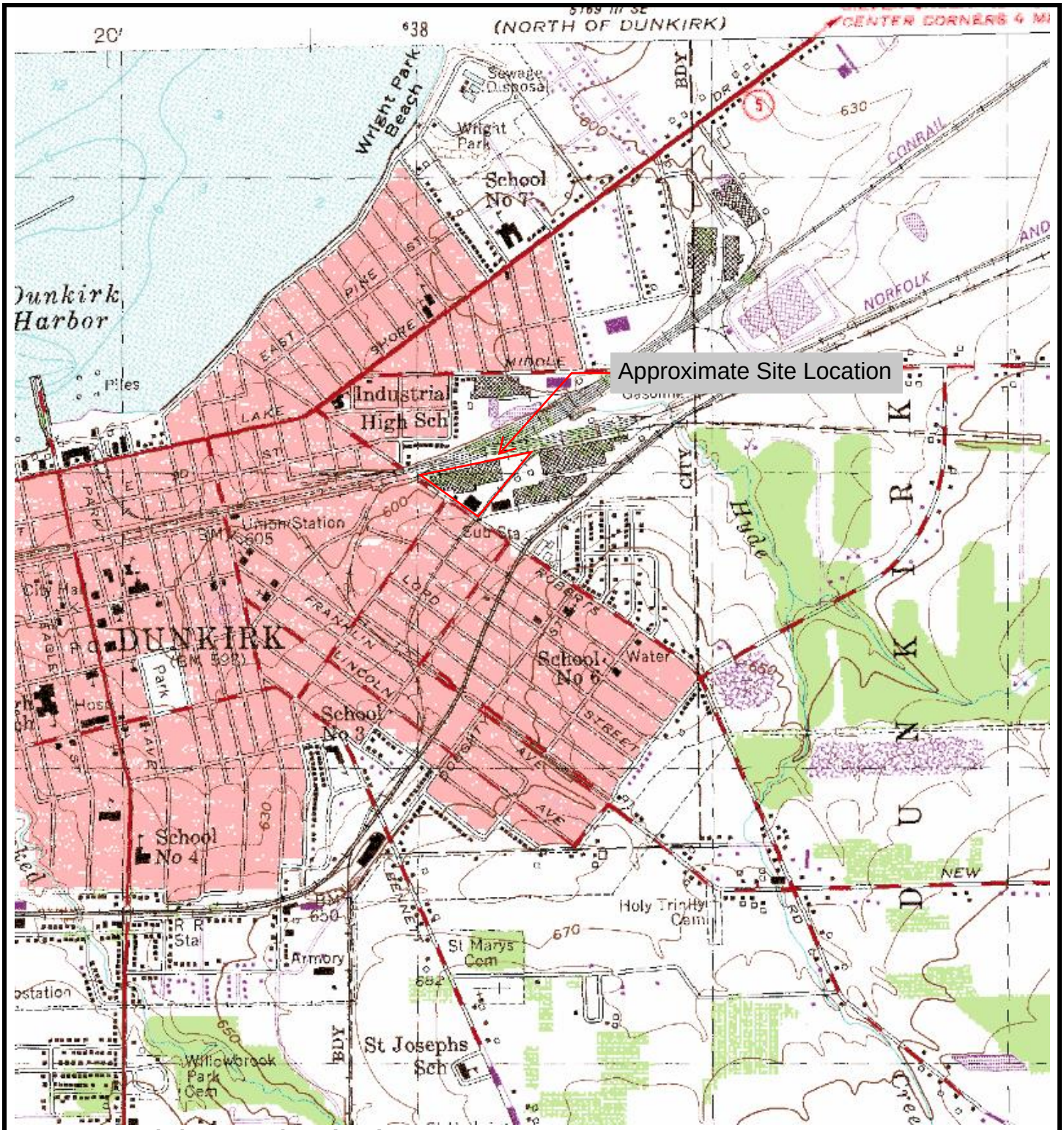
NYSDEC, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, Division of Water, Technical and Operational Guidance Series (TOGS) 1.1.1, June 1998 (including April 2000 addendum).

NYSDEC Record of Decision (ROD) for the former Edgewood Warehouse Site, March 2010

Final Engineering Report, Former Edgewood Warehouse Site, LaBella, December 2019

Site Management Plan, Former Edgewood Warehouse Site, LaBella, December 2019

FIGURES



7.5-minute, Dunkirk, New York quadrangle USGS Map

N

Not To Scale

FIGURE 1

SITE LOCATION MAP

Former Edgewood Warehouse Site
320 South Roberts Road
Dunkirk, New York

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PROJECT NO.

2203235

Path: I:\320 Roberts Rd Freezer LLC\2203235 - 320 S Roberts Rd Env. Monitor\DIG\Maps\MXD\PRR\2021_04\Fig 2 Site Plan.mxd Creator: JR

PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:
2203235 **Figure 2** 4/12/2021	Site Plan	Edgewood Periodic Review Report 320 S Roberts Rd Dunkirk, New York

N

0 100 200 Feet

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Data Source: Google Earth 2019; LaBella 2021.

PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:
2203235 **Figure 3** 6/8/2021	Groundwater Elevations	Edgewood Periodic Review Report 320 S Roberts Rd Dunkirk, New York

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0 100 200 Feet

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Data Source: Google Earth 2019; LaBella 2021.

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TABLES

Table 1
Former Edgewood Warehouse Site
Summary of Post-Remedial Groundwater Analytical Results

	REGULATORY VALUE	MW-4RR (Replaced MW-4R)		MW-11		MW-15		MW-16	
Date Collected		8/12/2019	3/10/2021	8/12/2019	3/10/2021	8/12/2019	3/10/2021	8/12/2019	3/10/2021
		Post-Remedial Groundwater Analytical Results							
Volatile Organic Compounds (µg/L)									
Acetone	50	<	<	52	<	29	<	<	<
2-Butanone (MEK)	50	<	<	190	<	22	<	<	<
Benzene	1	<	<	<	<	2.8	<	<	<
Chloroethane	5	5.3	2.2	32	2.5	<	<	<	<
Chloroform	7	<		<	<	<	<	<	<
cis-1,2-Dichloroethene	5	<	1.2	2.6	1.2	<	0.92 J	<	0.92 J
Cyclohexane	-	<	<	<	<	<	<	<	<
Ethylbenzene	5	<	<	<	<	14	<	<	<
Isopropylbenzene	5	<	<	<	<	7	<	<	<
4-Isopropyltoluene	5	<	<	<	<	2	<	<	<
Methylcyclohexane	-	<	<	<	<	7.9	<	<	0.28 J
Tetrachloroethene	5	<	<	<	<	<	<	<	<
Trichloroethene	5	<	<	<	<	<	<	<	<
Toluene	5	<	<	44	<	<	<	<	<
trans-1,2-Dichloroethene	5	<	<	<	<	<	<	<	<
Vinyl Chloride	2	<	2.8	8.2	2.6	<	<	26	10
Xylene (Total)	5	<	<	<	<	53	<	<	<
1,1,1-Trichloroethane	5	<	<	<	<	<	<	<	<
1,1-Dichloroethane	5	<	12	21	12	2.8	<	<	<
1,1-Dichloroethene	5	<	<	<	<	<	<	<	<
1,2,4-Trimethylbenzene	5	<	<	<	<	130	<	<	<
1,3,5-Trimethylbenzene	5	<	<	<	<	37	<	<	<
Napthalene	10	<	<	<	<	8.6	<	<	<
n-Butylbenzene	5	<	<	<	<	9.5	<	<	<
n-Propylbenzene	5	<	<	<	<	21	<	<	<
1,2-Dichloroethane	0.6	<	<	<	<	<	<	<	<
Total VOCs	-	**5.3**	**18.2**	**350**	**18.3**	**347**	**0.92**	**26**	**11.2**

Notes:

1. Class GA regulatory values are derived from NYS Ambient Water Quality Standards TOGS 1.1.1 (Source of Drinking Water, groundwater), June 1998
2. Only compounds with one or more detections are shown.
3. µg/L = micrograms per Liter (equivalent to parts per billion or ppb)
4. < = analyte was not detected
5. (-) indicates that a regulatory value is not associated with this parameter
6. Shaded value represents concentration exceeded the Regulatory Value
7. J = Estimated value. The target analyte concentration is below the quantitation limit, but above the Method Detection Limit or Estimated Detection Limit.

APPENDIX 1

Environmental Easement

CHAUTAUQUA COUNTY CLERK

LARRY BARMORE

Receipt

Receipt Date: 12/11/2019 11:25:00 AM
RECEIPT # 201906262998

Recording Clerk: KAS
Cash Drawer: CASH8
Rec'd Frm: RUPP BAASE PFALZGRAF & CUNNINGHAM LLC

Instr#: DE2019008025
DOC: EASEMENT
DEED STAMP: TT2020002401
OR Party: 320 ROBERTS ROAD FREEZER LLC
EE Party: NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Recording Fees	
Cover Page	$5.00
Recording Fee	$70.00
Cultural Ed	$14.25
Records Management - County	$1.00
Records Management - State	$4.75
Notations	$0.50
TP584	$5.00

Transfer Tax	
Transfer Tax	$0.00

DOCUMENT TOTAL: ----> $100.50

Receipt Summary
Document Count: 1
TOTAL RECEIPT: ----> $100.50
TOTAL RECEIVED: ----> $100.50

CASH BACK: ----> $0.00

PAYMENTS
Check # 7641 -> $100.50
RUPP BAASE PFALZGRAF & CUNNINGHAM LLC

1 No Erie St, PO Box 170, Mayville, NY 14757 Phone (716) 753-4331 Fax (716) 753-4293

ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

THIS INDENTURE made this 5th day of December, 2019 between Owner, 320 Roberts Road Freezer LLC, having an office at 4 Centre Drive, Orchard Park, New York 14127, County of Erie, State of New York (the "Grantor"), and The People of the State of New York (the "Grantee"), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

WHEREAS, the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

WHEREAS, Grantor, is the owner of real property located at the address of 320 South Roberts Road in the City of Dunkirk, County of Chautauqua and State of New York, known and designated on the tax map of the County Clerk of Chautauqua as tax map parcel numbers: Section 79.16 Block 2 Lot 2; Section 79.16 Block 2 Lot 77; and Section 79.12 Block 4 Lot 32, being the same as that property conveyed to Grantor by deed dated July 13, 2018 and recorded in the Chautauqua County Clerk's Office in Instrument No. DE2018004402. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 7.94 +/- acres, and is hereinafter more fully described in the Land Title Survey dated December 2017 and last revised August 22, 2019 prepared by Douglas R. Hager, L.L.S. of KHEOPS Architecture, Engineering & Survey, DPC, which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

WHEREAS, the Department accepts this Environmental Easement in order to ensure the

protection of public health and the environment and to achieve the requirements for remediation established for the Controlled Property until such time as this Environmental Easement is extinguished pursuant to ECL Article 71, Title 36; and

NOW THEREFORE, in consideration of the mutual covenants contained herein and the terms and conditions of Brownfield Cleanup Agreement Index Number: C907032-11-17 as amended June 26, 2019, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv)

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Chautauqua County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

(10) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential or Restricted Residential purposes as defined in 6NYCRR 375-1.8(g)(2)(i) and (ii), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

This property is subject to an Environmental Easement held

by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the Environmental Conservation Law.

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

G. Grantor covenants and agrees that it shall, at such time as NYSDEC may require, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:

(i) are in-place;

(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and

(iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5) the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and

(7) the information presented is accurate and complete.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Controlled Property.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to:

Site Number: C907032
Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

With a copy to:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail

and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

11. Consistency with the SMP. To the extent there is any conflict or inconsistency between the terms of this Environmental Easement and the SMP, regarding matters specifically addressed by the SMP, the terms of the SMP will control.

Remainder of Page Intentionally Left Blank

IN WITNESS WHEREOF, Grantor has caused this instrument to be signed in its name.

320 Roberts Road Freezer LLC:

By: _____

Print Name: Peter Kreog

Title: Mgr Date: 11/20/19

Grantor's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF ERIE)

On the 20th day of November in the year 2019, before me, the undersigned, personally appeared Peter Kreog, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Notary Public - State of New York

MARC A. ROMANOWSKI
Notary Public, State of New York
Registration No. 02RO6066651
Qualified in Erie County
My Commission Expires 11/19/2021

THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK, Acting by and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: _____
Michael J. Ryan, Director
Division of Environmental Remediation

Grantee's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF ALBANY)

On the 5th day of December, in the year 2019, before me, the undersigned, personally appeared Michael J. Ryan, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public - State of New York

David J. Chiusano
Notary Public, State of New York
No. 01CH5032146
Qualified in Schenectady County
Commission Expires August 22, 2022

SCHEDULE "A" PROPERTY DESCRIPTION

ALL THAT TRACT OR PARCEL OF LAND situate in the City of Dunkirk, County of Chautauqua and State of New York. Being part of Lot No. 12, Township 6, Range 12 of the Holland Land Company's Survey and being more particularly bounded and described as Follows;

Commencing at a point on the centerline of South Roberts Road, said point being at the westerly corner of lands conveyed by Edgewood Investments, Inc. to Alumax Extrusions, Inc.as described in a warranty deed dated March 2, 1989 and recorded in the Chautauqua County Clerk's office in Liber 2186 of Deeds at page 513, said point also being N 54° 17' 36" W and 601.13 feet from the NW line of the Norfolk and Western Railroad as measured along centerline of said South Roberts Road;

Thence N 37° 54" 24" E a distance of 33.02 to the true point or place of beginning;

Thence continuing N 37° 54" 24" E and along the westerly line of Cliffstar LLC by Liber 2013 of Deeds at Page 6243 a distance of 362.98 feet to an existing iron pipe;

Thence N 78° 57' 24" E a distance of 95.96 feet to the northeast corner of said Cliffstar;

Thence N 11° 12' 36" W and along the westerly line of lands of the County of Chautauqua by Liber 2494 of Deeds at Page 59 a distance of 19.82 feet to a set rebar;

Thence along a curve to the right with a chord bearing of N 76° 24' 48" E and a radius of 281.44 feet and continuing along the line of the County of Chautauqua by Liber 2494 of Deeds at Page 59 an arc distance of 9.20 feet to an existing rebar;

Thence N 10° 58' 36" W and continuing along the line of the County of Chautauqua by Liber 2494 of Deeds at Page 59 a distance of 62.82 feet to an existing railroad spike;

Thence along a curve to the right with a chord bearing of N 40° 55' 31" E and a radius of 757.76 feet and to the corner of lands of the County of Chautauqua by Liber 2494 of Deeds at Page 59 and the County of Chautauqua by Liber 2494 of Deeds at Page 49 an arc distance of 98.22 feet;

Thence continuing along the northerly line of the County of Chautauqua by Liber 2494 of Deeds at Page 49 along a curve to the right with a chord bearing of N 53° 38' 38" E and a radius of 1364.49 feet an arc distance of 419.76 feet to an existing rebar;

Thence continuing along the northerly line of the County of Chautauqua by Liber 2494 of Deeds at Page 49 along a curve to the right with a chord bearing of N 70° 41' 38" E and a radius of 260.49 feet an arc distance of 76.07 feet to a set rebar;

Thence N 78° 56' 24" E and continuing along the northerly line of the County of Chautauqua by Liber 2494 of Deeds at Page 49 a distance of 77.46 feet to a set rebar;

Thence N 11° 03' 36" W a distance of 10.97 feet to an existing rebar in the southerly line of the now or formally Erie Lackawanna Railroad Company;

Thence the following four courses and distances along the southerly line of the now or formally Erie Lackawanna Railroad Company;

1. S 78° 56' 24" W a distance of 154.00 feet to an existing rebar
2. S 68° 19' 38" W a distance of 117.89 feet to an existing iron pipe
3. S 79° 00' 11" W a distance of 714.56 feet to an existing iron pipe
4. S 76° 48' 24" W a distance of 497.94 feet to an existing iron pipe;

Thence S 54° 17' 36" E a distance of 46.00 feet to an existing monument;

Thence S 10° 53' 06" E a distance of 16.01 feet to the northeasterly line of South Roberts road;

Thence S 54° 17' 36" E and along the said northeasterly line of South Roberts Road a distance of 677.04 feet to the point or place of beginning, containing 7.94 acres of land more or less.

APPENDIX 2

Cover Inspection Form

COVER INSPECTION FORM

Former Edgewood Warehouse Site

Property Name: Former Edgewood Warehouse Site
Inspection Date:

Property Address: 320 South Roberts Road

City: Dunkirk State: New York Zip Code: 14048

Total Acreage: 8.6 acres

Weather (during inspection): Temperature 65 °F

Conditions:

SIGNATURE:

The findings of this inspection were discussed with appropriate personnel, corrective actions were identified and implementation was mutually agreed upon:

Inspector Heather Geoghegan Date: 3/10/2021

Next Scheduled Inspection Date: _____

COVER & VEGETATION

	Yes	No
1. Final Cover in acceptable condition?	X	
2. Is there evidence of sloughing, erosion, ponding, or settlement?		X
3. Is there evidence of unintended traffic; rutting?		X
4. Is there evidence of distressed vegetation/turf		X
5. Final Cover sufficiently covers soil/fill material?	X	
6. Are any cracks visible in the soil or pavement?		X
7. Any activity on-Site that mechanically disturbed soil cover?		X

SSDS SYSTEM

	Yes	No
8. Are the vent pipes in good condition (do not appear damaged)?	X	

INSTITUTIONAL CONTROLS/ENGINEERING CONTROLS & ENVIRONMENTAL EASEMENT

9. Are the IC/ECs established for the Site being implemented appropriately?	X	
10. Is the Site in compliance with the Environmental Easement?	X	

ADDITIONAL FACILITY CONDITIONS

Is there development on or near the Site? (specify size and type of development)

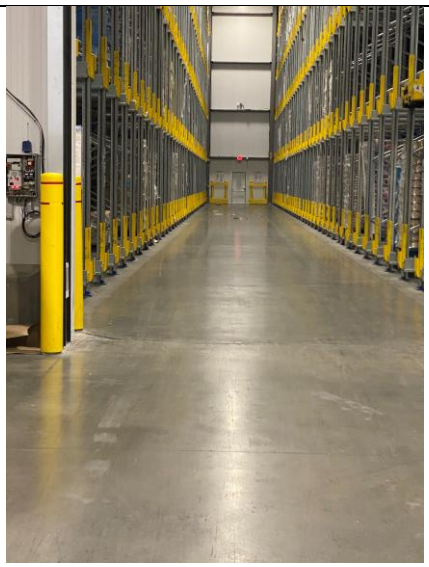
COMMENTS

ATTATCHMENTS

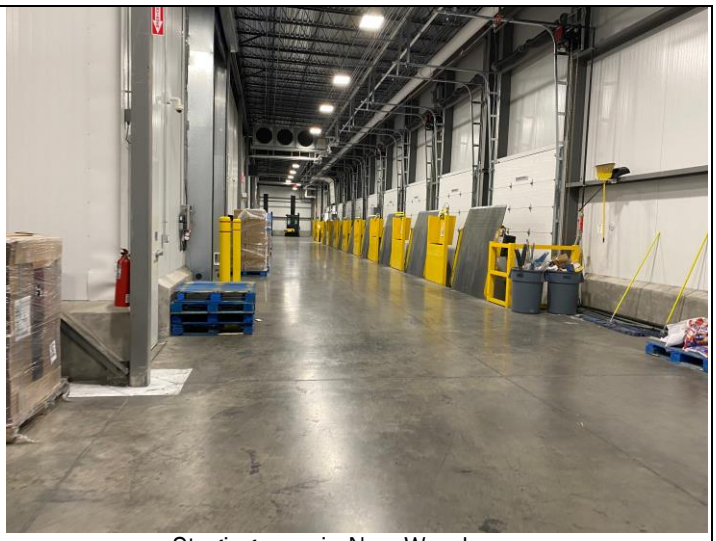
1. Site Sketch
2. Photographs
3. Laboratory Analytical Report (s)

APPENDIX 3

Photographs



Inside Freezer



Staging area in New Warehouse

Office area of New Warehouse

Maintenance area of New Warehouse

SSDS system

Maintenance area of New Warehouse

East side of Site

East side of Site

Looking along the North Side of Facility

Southeast side of Site

West side of Site

West side of Site

Southwest side of Site

Southwest side of Site

West side of Site

East side Exterior Air Vent

North side Exterior Air Vents

North Side Exterior Air Vents

APPENDIX 4

Site Management Periodic Review Report Notice-Institutional and Engineering Controls Certification Form

Enclosure 2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. **C907032**

Site Name Former Edgewood Warehouse Site

Site Address: 320 South Roberts Road Zip Code: 14048
City/Town: Dunkirk
County: Chautauqua
Site Acreage: 7.940

Reporting Period: December 27, 2019 to March 26, 2021

	YES	NO
1. Is the information above correct?	●	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	●
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	●
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	●
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	●

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	●	☐
7. Are all ICs in place and functioning as designed?	●	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative _____ Date _____

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	●
If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.		
9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	●	☐
If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.		

SITE NO. C907032 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
79.12-4-32	320 Roberts Road Freezer LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan

- site use must be maintained as commercial or industrial;
- prohibition against groundwater use without treatment;
- compliance with an excavation work plan; and
- annual groundwater monitoring

79.16-2-2	320 Roberts Road Freezer LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan

- site use must be maintained as commercial;
- prohibition against groundwater use without treatment;
- compliance with an excavation work plan; and
- annual groundwater monitoring

79.16-2-77	320 Roberts Road Freezer LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan

- site use must be maintained as commercial or industrial;
- prohibition against groundwater use without treatment;
- compliance with an excavation work plan; and
- annual groundwater monitoring

Box 4

Description of Engineering Controls

Parcel	Engineering Control
79.12-4-32	Cover System
- soil and pavement site cover system; and - permeable reactive barrier trench	
79.16-2-2	Cover System
- soil and pavement site cover system; and - permeable reactive barrier trench	
79.16-2-77	Cover System
- soil and pavement site cover system; and - permeable reactive barrier trench	

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
●	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
●	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. C907032

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I PETER L. KROG at 4 CENTRE DR. ORCHARD PARK NY 14127
print name print business address

am certifying as OWNER (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

3.25.21
Date

EC CERTIFICATIONS

Box 7

Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Daniel Noll at LaBella Associates, D.P.C. 300 State Street Rochester, NY,

print name — print business address

am certifying as a for the Owner

(Owner or Remedial Party)

Signature of , for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

4/19/21

Date

APPENDIX 5

Field Logs

LABELLA ASSOCIATES, D.P.C.
Environmental Engineering Consultants

Well I.D. MW-4RR
Site Location: Former Edgewood Warehouse Site
Job No. ~~2201255~~ 2203235
Sample Date: 3/10/2021
LaBella Representative: Heather Geoghegan

Well I.D.	Initial Readings	1 Well Volume	2 Well Volumes	3 Well Volume	Sample	Post Sample	Details
Time	1126	1150	1155	1200	1205	1210	
Depth of well	23.6						
Depth to water	9.70	9.75	10.10	10.10	10.10	10.10	
Well diameter	2"						
Well volume (gallons)	2.256						
Purging device	Peristaltic Pump						
Containment device	Bucket						
Purge time							
Gallons purged	2 —	2.3	1.0	1.0	.5	.5	
Sample device	Designated Tubing						
Field Parameters							
Temperature	10.5	10.0	10.5	9.9	9.7	9.7	
pH measurement	7.60	7.71	7.72	7.71	7.61	7.60	
Conductivity (mS/cm)	0.980	0.803	0.806	0.823	0.828	0.828	
ORP/Eh (mV)	-32.7	-32.0	-35.3	-8.2	-6.4	-5.6	
Turbidity (NTUs)	18.0	10.69	6.77	3.82	1.10	1.50	

WEATHER:

NOTES/FIELD OBSERVATIONS:
Removed additional well volume. Start low flow Sample @ 1210pm
low flow Sampling.

Well Volume Purge: 1 Well Volume = (Total Well Depth – Static Depth To Water) X Well Capacity
(only if applicable) = (ft. –ft.) X . gal/ft = 0.3056 gallons

Well Capacity (Gallons per Foot): **0.75"**=0.02 **1"**=0.04 **1.5"**=0.092 **2"**=0.16 **3"**=0.37
4"=0.65 **5"**=1.02 **6"**=1.47 **12"**=5.88

1. **Stabilization Criteria for range of variation of last three consecutive Readings**

pH: ± 0.2 units; **Temperature:** ± 0.5°C; **Specific Conductance:** ± 10%; **Turbidity:** ≤ 50 NTU

A minimum of three well volumes and a maximum of five well volumes are to be removed from each well prior to sampling. In the event that groundwater recharge is slow, the purging process will continue until the well is purged "dry". After the water level has returned to its pre-purge level (or within a maximum of two hours), samples will be collected. If the water level is slow to recharge and does not reach its pre-purge level within two hours, then samples can be collected after sufficient water has recharged, and the degree of recharge indicated in field notes with time and depth to water noted.

LABELLA ASSOCIATES, D.P.C.
Environmental Engineering Consultants

Well I.D. MW-1
Site Location: Former Edgewood Warehouse Site
Job No. ~~2201255~~ 2203235
Sample Date: 3/10/2021
LaBella Representative: Heather Geoghegan

Well I.D.	Initial Readings	1 Well Volume	2 Well Volumes	3 Well Volume	Sample	Post Sample	Details
Time	1020	1045	1050	1055	1100	1105	1110
Depth of well	19.88						
Depth to water	4.95	5.01	5.05	5.05	5.10	5.10	
Well diameter	2"						
Well volume (gallons)	2.42						
Purging device	Peristaltic		Pump				
Containment device	Bucket						
Purge time							
Gallons purged	—	2.42	1.0	1.0	0.5	0.5	
Sample device	Designated Tubing						
Field Parameters							
Temperature	10.1	10.4	9.6	9.6	9.6	9.6	9.6
pH measurement	7.22	7.26	7.39	7.26	7.30	7.30	7.29
Conductivity (mS/cm)	1.769	1.864	1.864	1.854	1.853	1.852	1.848
ORP/Eh (mV)	-100.6	-102.4	-90.4	105.8	-94.8	-95.1	-95.1
Turbidity (NTUs)	80.19	76.93	24.53	26.30	20.91	20.9	18.94

WEATHER:

NOTES/FIELD OBSERVATIONS:
Removed another well volume and began low flow procedures.
Sampled @ 1110

Well Volume Purge: 1 Well Volume = (Total Well Depth – Static Depth To Water) X Well Capacity
(only if applicable) = (ft. –ft.) X . gal/ft = 0.3056 gallons

Well Capacity (Gallons per Foot): **0.75"**=0.02 **1"**=0.04 **1.5"**=0.092 **2"**=0.16 **3"**=0.37
4"=0.65 **5"**=1.02 **6"**=1.47 **12"**=5.88

1. **Stabilization Criteria for range of variation of last three consecutive Readings**

pH: ± 0.2 units; **Temperature:** ± 0.5°C; **Specific Conductance:** ± 10%; **Turbidity:** ≤ 50 NTU

A minimum of three well volumes and a maximum of five well volumes are to be removed from each well prior to sampling. In the event that groundwater recharge is slow, the purging process will continue until the well is purged "dry". After the water level has returned to its pre-purge level (or within a maximum of two hours), samples will be collected. If the water level is slow to recharge and does not reach its pre-purge level within two hours, then samples can be collected after sufficient water has recharged, and the degree of recharge indicated in field notes with time and depth to water noted.

LABELLA ASSOCIATES, D.P.C.
Environmental Engineering Consultants

Well I.D. MW-15
Site Location: former Edgewood Warehouse Site
Job No. ~~2201250~~ 2203235
Sample Date: 3/10/2021
LaBella Representative: Heather Geoghegan

Well I.D.	Initial Readings	1 Well Volume	2 Well Volumes	3 Well Volume	Sample	Post Sample	Details
Time	820	830	835	840	845	0847	
Depth of well	14.73						
Depth to water	5.52	6.00	6.02	6.02	6.02	6.02	
Well diameter							
Well volume (gallons)	1.47	1.0	.5	.5	.5	—	
Purging device	Peristaltic Pump						
Containment device	Bucket						
Purge time	0820	5min	5mins	5mins	5mins		
Gallons purged	—	1.0	0.5	0.5	0.5	4.5	
Sample device	Designated Tubing						

Field Parameters

	Initial						
Temperature	7.6	6.8	6.7	6.6	6.6		
pH measurement	7.26	7.31	7.32	7.32	7.32		
Conductivity (mS/cm)	1.841	1.915	1.917	1.919	1.914		
ORP/Eh (mV)	-79.2	123.6	-68.4	-63.5	-60.6		
Turbidity (NTUs)	68.90	66.40	40.19	11.31	7.55		

WEATHER:

NOTES/FIELD OBSERVATIONS: Sample @ 845 DUPLICATE
9.21
Removed 1 well volume., Begin low flow process.

Well Volume Purge: 1 Well Volume = (Total Well Depth – Static Depth To Water) X Well Capacity
(only if applicable) = (ft. –ft.) X . gal/ft = 0.3056 gallons

Well Capacity (Gallons per Foot): **0.75"**=0.02 **1"**=0.04 **1.5"**=0.092 **2"**=0.16 **3"**=0.37
4"=0.65 **5"**=1.02 **6"**=1.47 **12"**=5.88

1. **Stabilization Criteria for range of variation of last three consecutive Readings**

pH: ± 0.2 units; **Temperature:** ± 0.5°C; **Specific Conductance:** ± 10%; **Turbidity:** ≤ 50 NTU

A minimum of three well volumes and a maximum of five well volumes are to be removed from each well prior to sampling. In the event that groundwater recharge is slow, the purging process will continue until the well is purged "dry". After the water level has returned to its pre-purge level (or within a maximum of two hours), samples will be collected. If the water level is slow to recharge and does not reach its pre-purge level within two hours, then samples can be collected after sufficient water has recharged, and the degree of recharge indicated in field notes with time and depth to water noted.

LABELLA ASSOCIATES, D.P.C.
Environmental Engineering Consultants

Well I.D. MW16
Site Location: Former Edgewood Warehouse Site
Job No. ~~2201255~~ 2203035
Sample Date: 3/10/2021
LaBella Representative: Heather Geoghegan

Well I.D.	Initial Readings	1 Well Volume	2 Well Volumes	3 Well Volume	Sample	Post Sample	Details
Time	910	0940	0945	0950	0955	1000	
Depth of well	24						
Depth to water	9.35	9.45	9.45	9.48			
Well diameter	2"						
Well volume (gallons)	2.41						
Purging device	Peristol.	Pump					
Containment device	Bucket						
Purge time							
Gallons purged	—	2.41	0.5	0.5	1.5	0.5	
Sample device	designated tubing						

Field Parameters

Temperature	11.2	11.0	11.0	11.1	11.1	11.7	
pH measurement	7.31	7.37	7.33	7.31	7.31	7.39	
Conductivity (mS/cm)	1.362	1.292	1.282	1.268	1.262	1.255	
ORP/Eh (mV)	-119.9	-171.1	-170.1	-195.1	-205	-200.3	
Turbidity (NTUs)	50.2	34.49	14.63	11.22	8.50	36.6	

WEATHER:

NOTES/FIELD OBSERVATIONS:
Removed 1 well volume then started low flow.
DESIGNATED Tubing for Sampling. Sample at 1000

Well Volume Purge: 1 Well Volume = (Total Well Depth – Static Depth To Water) X Well Capacity
(only if applicable) = (ft. –ft.) X . gal/ft = 0.3056 gallons

Well Capacity (Gallons per Foot): **0.75"**=0.02 **1"**=0.04 **1.5"**=0.092 **2"**=0.16 **3"**=0.37
4"=0.65 **5"**=1.02 **6"**=1.47 **12"**=5.88

1. **Stabilization Criteria for range of variation of last three consecutive Readings**

pH: ± 0.2 units; **Temperature:** ± 0.5°C; **Specific Conductance:** ± 10%; **Turbidity:** ≤ 50 NTU

A minimum of three well volumes and a maximum of five well volumes are to be removed from each well prior to sampling. In the event that groundwater recharge is slow, the purging process will continue until the well is purged "dry". After the water level has returned to its pre-purge level (or within a maximum of two hours), samples will be collected. If the water level is slow to recharge and does not reach its pre-purge level within two hours, then samples can be collected after sufficient water has recharged, and the degree of recharge indicated in field notes with time and depth to water noted.

APPENDIX 6

Laboratory Analytical and Data Usability Summary Reports

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-181915-1
Client Project/Site: Edgewood Warehouse, Dunkirk,NY

For:
LaBella Associates DPC
300 Pearl Street
Suite 130
Buffalo, New York 14202

Attn: Chris Kibler

Joseph V. Giacomazza

Authorized for release by:
3/18/2021 9:28:15 AM
Joe Giacomazza, Project Manager I
joe.giacomazza@testamericainc.com

Designee for

Brian Fischer, Manager of Project Management
(716)504-9835
Brian.Fischer@Eurofinset.com

Table of Contents

Definitions/Glossary

Client: LaBella Associates DPC
Job ID: 480-181915-1
Project/Site: Edgewood Warehouse, Dunkirk,NY

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
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

Case Narrative

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

Job ID: 480-181915-1

Job ID: 480-181915-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-181915-1

Comments
No additional comments.

Receipt
The samples were received on 3/10/2021 2:05 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 8.6º C.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: LaBella Associates DPC
Job ID: 480-181915-1
Project/Site: Edgewood Warehouse, Dunkirk,NY

Client Sample ID: MW-15 — Lab Sample ID: 480-181915-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.92	J	1.0	0.81	ug/L	1		8260C	Total/NA

Client Sample ID: MW-16 — Lab Sample ID: 480-181915-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.92	J	1.0	0.81	ug/L	1		8260C	Total/NA
Methylcyclohexane	0.28	J	1.0	0.16	ug/L	1		8260C	Total/NA
Vinyl chloride	10		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW-11 — Lab Sample ID: 480-181915-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	12		1.0	0.38	ug/L	1		8260C	Total/NA
Chloroethane	2.5		1.0	0.32	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	1.2		1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	2.6		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: MW-4RR — Lab Sample ID: 480-181915-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	12		1.0	0.38	ug/L	1		8260C	Total/NA
Chloroethane	2.2		1.0	0.32	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	1.2		1.0	0.81	ug/L	1		8260C	Total/NA
Vinyl chloride	2.8		1.0	0.90	ug/L	1		8260C	Total/NA

Client Sample ID: Duplicate — Lab Sample ID: 480-181915-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.6	J	10	3.0	ug/L	1		8260C	Total/NA
Cyclohexane	1.2		1.0	0.18	ug/L	1		8260C	Total/NA
Methylcyclohexane	0.21	J	1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: Trip Blank — Lab Sample ID: 480-181915-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.5	J	10	3.0	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

Job ID: 480-181915-1

Client Sample ID: MW-15
Date Collected: 03/10/21 08:45
Date Received: 03/10/21 14:05

Lab Sample ID: 480-181915-1
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			03/13/21 14:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/13/21 14:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/13/21 14:12	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/13/21 14:12	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/13/21 14:12	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/13/21 14:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/13/21 14:12	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			03/13/21 14:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/13/21 14:12	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/13/21 14:12	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/13/21 14:12	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/13/21 14:12	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/13/21 14:12	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			03/13/21 14:12	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/13/21 14:12	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/13/21 14:12	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/13/21 14:12	1
2-Hexanone	ND		5.0	1.2	ug/L			03/13/21 14:12	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			03/13/21 14:12	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/13/21 14:12	1
Acetone	ND		10	3.0	ug/L			03/13/21 14:12	1
Benzene	ND		1.0	0.41	ug/L			03/13/21 14:12	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/13/21 14:12	1
Bromoform	ND		1.0	0.26	ug/L			03/13/21 14:12	1
Bromomethane	ND		1.0	0.69	ug/L			03/13/21 14:12	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/13/21 14:12	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/13/21 14:12	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/13/21 14:12	1
Chloroethane	ND		1.0	0.32	ug/L			03/13/21 14:12	1
Chloroform	ND		1.0	0.34	ug/L			03/13/21 14:12	1
Chloromethane	ND		1.0	0.35	ug/L			03/13/21 14:12	1
cis-1,2-Dichloroethene	**0.92**	**J**	1.0	0.81	ug/L			03/13/21 14:12	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/13/21 14:12	1
Cyclohexane	ND		1.0	0.18	ug/L			03/13/21 14:12	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/13/21 14:12	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/13/21 14:12	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/13/21 14:12	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/13/21 14:12	1
Methyl acetate	ND		2.5	1.3	ug/L			03/13/21 14:12	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/13/21 14:12	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/13/21 14:12	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/13/21 14:12	1
Naphthalene	ND		1.0	0.43	ug/L			03/13/21 14:12	1
n-Butylbenzene	ND		1.0	0.64	ug/L			03/13/21 14:12	1
N-Propylbenzene	ND		1.0	0.69	ug/L			03/13/21 14:12	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			03/13/21 14:12	1
Styrene	ND		1.0	0.73	ug/L			03/13/21 14:12	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			03/13/21 14:12	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/13/21 14:12	1

Client Sample ID: MW-15

Lab Sample ID: 480-181915-1

Date Collected: 03/10/21 08:45

Matrix: Water

Date Received: 03/10/21 14:05

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.0	0.51	ug/L			03/13/21 14:12	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/13/21 14:12	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/13/21 14:12	1
Trichloroethene	ND		1.0	0.46	ug/L			03/13/21 14:12	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/13/21 14:12	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/13/21 14:12	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/13/21 14:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*03/13/21 14:12*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*03/13/21 14:12*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*03/13/21 14:12*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*03/13/21 14:12*	*1*

Client Sample ID: MW-16

Lab Sample ID: 480-181915-2

Date Collected: 03/10/21 10:00

Matrix: Water

Date Received: 03/10/21 14:05

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			03/13/21 14:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/13/21 14:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/13/21 14:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/13/21 14:37	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/13/21 14:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/13/21 14:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/13/21 14:37	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			03/13/21 14:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/13/21 14:37	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/13/21 14:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/13/21 14:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/13/21 14:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/13/21 14:37	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			03/13/21 14:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/13/21 14:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/13/21 14:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/13/21 14:37	1
2-Hexanone	ND		5.0	1.2	ug/L			03/13/21 14:37	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			03/13/21 14:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/13/21 14:37	1
Acetone	ND		10	3.0	ug/L			03/13/21 14:37	1
Benzene	ND		1.0	0.41	ug/L			03/13/21 14:37	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/13/21 14:37	1
Bromoform	ND		1.0	0.26	ug/L			03/13/21 14:37	1
Bromomethane	ND		1.0	0.69	ug/L			03/13/21 14:37	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/13/21 14:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/13/21 14:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/13/21 14:37	1
Chloroethane	ND		1.0	0.32	ug/L			03/13/21 14:37	1
Chloroform	ND		1.0	0.34	ug/L			03/13/21 14:37	1

Client Sample ID: MW-16

Lab Sample ID: 480-181915-2

Date Collected: 03/10/21 10:00

Matrix: Water

Date Received: 03/10/21 14:05

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.35	ug/L			03/13/21 14:37	1
cis-1,2-Dichloroethene	**0.92**	**J**	1.0	0.81	ug/L			03/13/21 14:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/13/21 14:37	1
Cyclohexane	ND		1.0	0.18	ug/L			03/13/21 14:37	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/13/21 14:37	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/13/21 14:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/13/21 14:37	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/13/21 14:37	1
Methyl acetate	ND		2.5	1.3	ug/L			03/13/21 14:37	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/13/21 14:37	1
Methylcyclohexane	**0.28**	**J**	1.0	0.16	ug/L			03/13/21 14:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/13/21 14:37	1
Naphthalene	ND		1.0	0.43	ug/L			03/13/21 14:37	1
n-Butylbenzene	ND		1.0	0.64	ug/L			03/13/21 14:37	1
N-Propylbenzene	ND		1.0	0.69	ug/L			03/13/21 14:37	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			03/13/21 14:37	1
Styrene	ND		1.0	0.73	ug/L			03/13/21 14:37	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			03/13/21 14:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/13/21 14:37	1
Toluene	ND		1.0	0.51	ug/L			03/13/21 14:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/13/21 14:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/13/21 14:37	1
Trichloroethene	ND		1.0	0.46	ug/L			03/13/21 14:37	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/13/21 14:37	1
Vinyl chloride	**10**		1.0	0.90	ug/L			03/13/21 14:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/13/21 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*03/13/21 14:37*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*03/13/21 14:37*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*03/13/21 14:37*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*03/13/21 14:37*	*1*

Client Sample ID: MW-11

Lab Sample ID: 480-181915-3

Date Collected: 03/10/21 11:10

Matrix: Water

Date Received: 03/10/21 14:05

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			03/12/21 12:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/12/21 12:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/12/21 12:13	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/12/21 12:13	1
1,1-Dichloroethane	**12**		1.0	0.38	ug/L			03/12/21 12:13	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/12/21 12:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/12/21 12:13	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			03/12/21 12:13	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/12/21 12:13	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/12/21 12:13	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/12/21 12:13	1

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

Job ID: 480-181915-1

Client Sample ID: MW-11
Date Collected: 03/10/21 11:10
Date Received: 03/10/21 14:05

Lab Sample ID: 480-181915-3
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/12/21 12:13	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/12/21 12:13	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			03/12/21 12:13	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/12/21 12:13	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/12/21 12:13	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/12/21 12:13	1
2-Hexanone	ND		5.0	1.2	ug/L			03/12/21 12:13	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			03/12/21 12:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/12/21 12:13	1
Acetone	ND		10	3.0	ug/L			03/12/21 12:13	1
Benzene	ND		1.0	0.41	ug/L			03/12/21 12:13	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/12/21 12:13	1
Bromoform	ND		1.0	0.26	ug/L			03/12/21 12:13	1
Bromomethane	ND		1.0	0.69	ug/L			03/12/21 12:13	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/12/21 12:13	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/12/21 12:13	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/12/21 12:13	1
Chloroethane	**2.5**		1.0	0.32	ug/L			03/12/21 12:13	1
Chloroform	ND		1.0	0.34	ug/L			03/12/21 12:13	1
Chloromethane	ND		1.0	0.35	ug/L			03/12/21 12:13	1
cis-1,2-Dichloroethene	**1.2**		1.0	0.81	ug/L			03/12/21 12:13	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/12/21 12:13	1
Cyclohexane	ND		1.0	0.18	ug/L			03/12/21 12:13	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/12/21 12:13	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/12/21 12:13	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/12/21 12:13	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/12/21 12:13	1
Methyl acetate	ND		2.5	1.3	ug/L			03/12/21 12:13	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/12/21 12:13	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/12/21 12:13	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/12/21 12:13	1
Naphthalene	ND		1.0	0.43	ug/L			03/12/21 12:13	1
n-Butylbenzene	ND		1.0	0.64	ug/L			03/12/21 12:13	1
N-Propylbenzene	ND		1.0	0.69	ug/L			03/12/21 12:13	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			03/12/21 12:13	1
Styrene	ND		1.0	0.73	ug/L			03/12/21 12:13	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			03/12/21 12:13	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/12/21 12:13	1
Toluene	ND		1.0	0.51	ug/L			03/12/21 12:13	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/12/21 12:13	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/12/21 12:13	1
Trichloroethene	ND		1.0	0.46	ug/L			03/12/21 12:13	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/12/21 12:13	1
Vinyl chloride	**2.6**		1.0	0.90	ug/L			03/12/21 12:13	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/12/21 12:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*03/12/21 12:13*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*03/12/21 12:13*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*03/12/21 12:13*	*1*

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

Job ID: 480-181915-1

Client Sample ID: MW-11

Lab Sample ID: 480-181915-3

Date Collected: 03/10/21 11:10
Matrix: Water
Date Received: 03/10/21 14:05

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		80 - 120		03/12/21 12:13	1

Client Sample ID: MW-4RR

Lab Sample ID: 480-181915-4

Date Collected: 03/10/21 12:10
Matrix: Water
Date Received: 03/10/21 14:05

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			03/12/21 12:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/12/21 12:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/12/21 12:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/12/21 12:37	1
1,1-Dichloroethane	**12**		1.0	0.38	ug/L			03/12/21 12:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/12/21 12:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/12/21 12:37	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			03/12/21 12:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/12/21 12:37	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/12/21 12:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/12/21 12:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/12/21 12:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/12/21 12:37	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			03/12/21 12:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/12/21 12:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/12/21 12:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/12/21 12:37	1
2-Hexanone	ND		5.0	1.2	ug/L			03/12/21 12:37	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			03/12/21 12:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/12/21 12:37	1
Acetone	ND		10	3.0	ug/L			03/12/21 12:37	1
Benzene	ND		1.0	0.41	ug/L			03/12/21 12:37	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/12/21 12:37	1
Bromoform	ND		1.0	0.26	ug/L			03/12/21 12:37	1
Bromomethane	ND		1.0	0.69	ug/L			03/12/21 12:37	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/12/21 12:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/12/21 12:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/12/21 12:37	1
Chloroethane	**2.2**		1.0	0.32	ug/L			03/12/21 12:37	1
Chloroform	ND		1.0	0.34	ug/L			03/12/21 12:37	1
Chloromethane	ND		1.0	0.35	ug/L			03/12/21 12:37	1
cis-1,2-Dichloroethene	**1.2**		1.0	0.81	ug/L			03/12/21 12:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/12/21 12:37	1
Cyclohexane	ND		1.0	0.18	ug/L			03/12/21 12:37	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/12/21 12:37	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/12/21 12:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/12/21 12:37	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/12/21 12:37	1
Methyl acetate	ND		2.5	1.3	ug/L			03/12/21 12:37	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/12/21 12:37	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/12/21 12:37	1

Client Sample ID: MW-4RR

Lab Sample ID: 480-181915-4

Date Collected: 03/10/21 12:10

Matrix: Water

Date Received: 03/10/21 14:05

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		1.0	0.44	ug/L			03/12/21 12:37	1
Naphthalene	ND		1.0	0.43	ug/L			03/12/21 12:37	1
n-Butylbenzene	ND		1.0	0.64	ug/L			03/12/21 12:37	1
N-Propylbenzene	ND		1.0	0.69	ug/L			03/12/21 12:37	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			03/12/21 12:37	1
Styrene	ND		1.0	0.73	ug/L			03/12/21 12:37	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			03/12/21 12:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/12/21 12:37	1
Toluene	ND		1.0	0.51	ug/L			03/12/21 12:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/12/21 12:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/12/21 12:37	1
Trichloroethene	ND		1.0	0.46	ug/L			03/12/21 12:37	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/12/21 12:37	1
Vinyl chloride	**2.8**		1.0	0.90	ug/L			03/12/21 12:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/12/21 12:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*03/12/21 12:37*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*03/12/21 12:37*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*03/12/21 12:37*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*03/12/21 12:37*	*1*

Client Sample ID: Duplicate

Lab Sample ID: 480-181915-5

Date Collected: 03/10/21 00:00

Matrix: Water

Date Received: 03/10/21 14:05

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			03/12/21 13:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/12/21 13:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/12/21 13:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/12/21 13:01	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/12/21 13:01	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/12/21 13:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/12/21 13:01	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			03/12/21 13:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/12/21 13:01	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/12/21 13:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/12/21 13:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/12/21 13:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/12/21 13:01	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			03/12/21 13:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/12/21 13:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/12/21 13:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/12/21 13:01	1
2-Hexanone	ND		5.0	1.2	ug/L			03/12/21 13:01	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			03/12/21 13:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/12/21 13:01	1
Acetone	**3.6**	**J**	10	3.0	ug/L			03/12/21 13:01	1
Benzene	ND		1.0	0.41	ug/L			03/12/21 13:01	1

Client Sample ID: Duplicate

Lab Sample ID: 480-181915-5

Date Collected: 03/10/21 00:00
Matrix: Water
Date Received: 03/10/21 14:05

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		1.0	0.39	ug/L			03/12/21 13:01	1
Bromoform	ND		1.0	0.26	ug/L			03/12/21 13:01	1
Bromomethane	ND		1.0	0.69	ug/L			03/12/21 13:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/12/21 13:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/12/21 13:01	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/12/21 13:01	1
Chloroethane	ND		1.0	0.32	ug/L			03/12/21 13:01	1
Chloroform	ND		1.0	0.34	ug/L			03/12/21 13:01	1
Chloromethane	ND		1.0	0.35	ug/L			03/12/21 13:01	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/12/21 13:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/12/21 13:01	1
Cyclohexane	**1.2**		1.0	0.18	ug/L			03/12/21 13:01	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/12/21 13:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/12/21 13:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/12/21 13:01	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/12/21 13:01	1
Methyl acetate	ND		2.5	1.3	ug/L			03/12/21 13:01	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/12/21 13:01	1
Methylcyclohexane	**0.21**	**J**	1.0	0.16	ug/L			03/12/21 13:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/12/21 13:01	1
Naphthalene	ND		1.0	0.43	ug/L			03/12/21 13:01	1
n-Butylbenzene	ND		1.0	0.64	ug/L			03/12/21 13:01	1
N-Propylbenzene	ND		1.0	0.69	ug/L			03/12/21 13:01	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			03/12/21 13:01	1
Styrene	ND		1.0	0.73	ug/L			03/12/21 13:01	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			03/12/21 13:01	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/12/21 13:01	1
Toluene	ND		1.0	0.51	ug/L			03/12/21 13:01	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/12/21 13:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/12/21 13:01	1
Trichloroethene	ND		1.0	0.46	ug/L			03/12/21 13:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/12/21 13:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/12/21 13:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/12/21 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*03/12/21 13:01*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*03/12/21 13:01*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*03/12/21 13:01*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/12/21 13:01*	*1*

Client Sample ID: Trip Blank

Lab Sample ID: 480-181915-6

Date Collected: 03/10/21 00:00
Matrix: Water
Date Received: 03/10/21 14:05

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			03/12/21 13:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/12/21 13:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/12/21 13:25	1

Client: LaBella Associates DPC
Project/Site: Edgewood Warehouse, Dunkirk,NY

Job ID: 480-181915-1

Client Sample ID: Trip Blank
Date Collected: 03/10/21 00:00
Date Received: 03/10/21 14:05

Lab Sample ID: 480-181915-6
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/12/21 13:25	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/12/21 13:25	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/12/21 13:25	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/12/21 13:25	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			03/12/21 13:25	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/12/21 13:25	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/12/21 13:25	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/12/21 13:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/12/21 13:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/12/21 13:25	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			03/12/21 13:25	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/12/21 13:25	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/12/21 13:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/12/21 13:25	1
2-Hexanone	ND		5.0	1.2	ug/L			03/12/21 13:25	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			03/12/21 13:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/12/21 13:25	1
Acetone	**3.5**	**J**	10	3.0	ug/L			03/12/21 13:25	1
Benzene	ND		1.0	0.41	ug/L			03/12/21 13:25	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/12/21 13:25	1
Bromoform	ND		1.0	0.26	ug/L			03/12/21 13:25	1
Bromomethane	ND		1.0	0.69	ug/L			03/12/21 13:25	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/12/21 13:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/12/21 13:25	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/12/21 13:25	1
Chloroethane	ND		1.0	0.32	ug/L			03/12/21 13:25	1
Chloroform	ND		1.0	0.34	ug/L			03/12/21 13:25	1
Chloromethane	ND		1.0	0.35	ug/L			03/12/21 13:25	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/12/21 13:25	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/12/21 13:25	1
Cyclohexane	ND		1.0	0.18	ug/L			03/12/21 13:25	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/12/21 13:25	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/12/21 13:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/12/21 13:25	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/12/21 13:25	1
Methyl acetate	ND		2.5	1.3	ug/L			03/12/21 13:25	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/12/21 13:25	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/12/21 13:25	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/12/21 13:25	1
Naphthalene	ND		1.0	0.43	ug/L			03/12/21 13:25	1
n-Butylbenzene	ND		1.0	0.64	ug/L			03/12/21 13:25	1
N-Propylbenzene	ND		1.0	0.69	ug/L			03/12/21 13:25	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			03/12/21 13:25	1
Styrene	ND		1.0	0.73	ug/L			03/12/21 13:25	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			03/12/21 13:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/12/21 13:25	1
Toluene	ND		1.0	0.51	ug/L			03/12/21 13:25	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/12/21 13:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/12/21 13:25	1

Client: LaBella Associates DPC
Job ID: 480-181915-1
Project/Site: Edgewood Warehouse, Dunkirk,NY

Client Sample ID: Trip Blank
Lab Sample ID: 480-181915-6
Date Collected: 03/10/21 00:00
Matrix: Water
Date Received: 03/10/21 14:05

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		1.0	0.46	ug/L			03/12/21 13:25	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/12/21 13:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/12/21 13:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/12/21 13:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*03/12/21 13:25*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*03/12/21 13:25*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*03/12/21 13:25*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/12/21 13:25*	*1*

Surrogate Summary

Client: LaBella Associates DPC
Job ID: 480-181915-1
Project/Site: Edgewood Warehouse, Dunkirk,NY

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(75-123)	(80-120)
480-181915-1	MW-15	100	93	103	94
480-181915-2	MW-16	108	105	106	101
480-181915-3	MW-11	99	98	94	96
480-181915-4	MW-4RR	96	99	97	96
480-181915-5	Duplicate	103	100	105	98
480-181915-6	Trip Blank	103	99	103	99
LCS 480-572272/6	Lab Control Sample	102	105	102	101
LCS 480-572425/5	Lab Control Sample	100	105	102	100
MB 480-572272/8	Method Blank	103	102	102	100
MB 480-572425/7	Method Blank	99	98	99	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-572272/8
Matrix: Water
Analysis Batch: 572272

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			03/12/21 10:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/12/21 10:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/12/21 10:51	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/12/21 10:51	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/12/21 10:51	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/12/21 10:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/12/21 10:51	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			03/12/21 10:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/12/21 10:51	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/12/21 10:51	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/12/21 10:51	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/12/21 10:51	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/12/21 10:51	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			03/12/21 10:51	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/12/21 10:51	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/12/21 10:51	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/12/21 10:51	1
2-Hexanone	ND		5.0	1.2	ug/L			03/12/21 10:51	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			03/12/21 10:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/12/21 10:51	1
Acetone	ND		10	3.0	ug/L			03/12/21 10:51	1
Benzene	ND		1.0	0.41	ug/L			03/12/21 10:51	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/12/21 10:51	1
Bromoform	ND		1.0	0.26	ug/L			03/12/21 10:51	1
Bromomethane	ND		1.0	0.69	ug/L			03/12/21 10:51	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/12/21 10:51	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/12/21 10:51	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/12/21 10:51	1
Chloroethane	ND		1.0	0.32	ug/L			03/12/21 10:51	1
Chloroform	ND		1.0	0.34	ug/L			03/12/21 10:51	1
Chloromethane	ND		1.0	0.35	ug/L			03/12/21 10:51	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/12/21 10:51	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/12/21 10:51	1
Cyclohexane	ND		1.0	0.18	ug/L			03/12/21 10:51	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/12/21 10:51	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/12/21 10:51	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/12/21 10:51	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/12/21 10:51	1
Methyl acetate	ND		2.5	1.3	ug/L			03/12/21 10:51	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/12/21 10:51	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/12/21 10:51	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/12/21 10:51	1
Naphthalene	ND		1.0	0.43	ug/L			03/12/21 10:51	1
n-Butylbenzene	ND		1.0	0.64	ug/L			03/12/21 10:51	1
N-Propylbenzene	ND		1.0	0.69	ug/L			03/12/21 10:51	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			03/12/21 10:51	1
Styrene	ND		1.0	0.73	ug/L			03/12/21 10:51	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			03/12/21 10:51	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-572272/8
Matrix: Water
Analysis Batch: 572272

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.0	0.36	ug/L			03/12/21 10:51	1
Toluene	ND		1.0	0.51	ug/L			03/12/21 10:51	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/12/21 10:51	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/12/21 10:51	1
Trichloroethene	ND		1.0	0.46	ug/L			03/12/21 10:51	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/12/21 10:51	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/12/21 10:51	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/12/21 10:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*03/12/21 10:51*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*03/12/21 10:51*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*03/12/21 10:51*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*03/12/21 10:51*	*1*

Lab Sample ID: LCS 480-572272/6
Matrix: Water
Analysis Batch: 572272

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	26.6		ug/L		106	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.2		ug/L		101	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroetha ne	25.0	26.5		ug/L		106	61 - 148
1,1,2-Trichloroethane	25.0	27.6		ug/L		110	76 - 122
1,1-Dichloroethane	25.0	27.0		ug/L		108	77 - 120
1,1-Dichloroethene	25.0	26.4		ug/L		106	66 - 127
1,2,4-Trichlorobenzene	25.0	26.2		ug/L		105	79 - 122
1,2,4-Trimethylbenzene	25.0	25.8		ug/L		103	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	25.8		ug/L		103	56 - 134
1,2-Dibromoethane	25.0	28.2		ug/L		113	77 - 120
1,2-Dichlorobenzene	25.0	25.1		ug/L		100	80 - 124
1,2-Dichloroethane	25.0	26.0		ug/L		104	75 - 120
1,2-Dichloropropane	25.0	26.8		ug/L		107	76 - 120
1,3,5-Trimethylbenzene	25.0	25.4		ug/L		102	77 - 121
1,3-Dichlorobenzene	25.0	26.5		ug/L		106	77 - 120
1,4-Dichlorobenzene	25.0	25.6		ug/L		103	80 - 120
2-Butanone (MEK)	125	137		ug/L		110	57 - 140
2-Hexanone	125	144		ug/L		115	65 - 127
4-Isopropyltoluene	25.0	26.2		ug/L		105	73 - 120
4-Methyl-2-pentanone (MIBK)	125	136		ug/L		109	71 - 125
Acetone	125	137		ug/L		110	56 - 142
Benzene	25.0	26.6		ug/L		107	71 - 124
Bromodichloromethane	25.0	27.3		ug/L		109	80 - 122
Bromoform	25.0	27.9		ug/L		111	61 - 132
Bromomethane	25.0	22.5		ug/L		90	55 - 144
Carbon disulfide	25.0	25.8		ug/L		103	59 - 134
Carbon tetrachloride	25.0	25.9		ug/L		104	72 - 134
Chlorobenzene	25.0	26.6		ug/L		106	80 - 120

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-572272/6
Matrix: Water
Analysis Batch: 572272

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	23.4		ug/L		93	69 - 136
Chloroform	25.0	26.5		ug/L		106	73 - 127
Chloromethane	25.0	24.7		ug/L		99	68 - 124
cis-1,2-Dichloroethene	25.0	26.8		ug/L		107	74 - 124
cis-1,3-Dichloropropene	25.0	27.8		ug/L		111	74 - 124
Cyclohexane	25.0	26.7		ug/L		107	59 - 135
Dibromochloromethane	25.0	27.6		ug/L		110	75 - 125
Dichlorodifluoromethane	25.0	24.5		ug/L		98	59 - 135
Ethylbenzene	25.0	27.4		ug/L		110	77 - 123
Isopropylbenzene	25.0	25.7		ug/L		103	77 - 122
Methyl acetate	50.0	54.0		ug/L		108	74 - 133
Methyl tert-butyl ether	25.0	27.8		ug/L		111	77 - 120
Methylcyclohexane	25.0	26.7		ug/L		107	68 - 134
Methylene Chloride	25.0	25.3		ug/L		101	75 - 124
Naphthalene	25.0	26.7		ug/L		107	66 - 125
n-Butylbenzene	25.0	25.2		ug/L		101	71 - 128
N-Propylbenzene	25.0	25.1		ug/L		101	75 - 127
sec-Butylbenzene	25.0	26.1		ug/L		104	74 - 127
Styrene	25.0	26.3		ug/L		105	80 - 120
tert-Butylbenzene	25.0	27.5		ug/L		110	75 - 123
Tetrachloroethene	25.0	26.9		ug/L		108	74 - 122
Toluene	25.0	25.6		ug/L		102	80 - 122
trans-1,2-Dichloroethene	25.0	27.2		ug/L		109	73 - 127
trans-1,3-Dichloropropene	25.0	28.6		ug/L		114	80 - 120
Trichloroethene	25.0	26.2		ug/L		105	74 - 123
Trichlorofluoromethane	25.0	25.3		ug/L		101	62 - 150
Vinyl chloride	25.0	25.8		ug/L		103	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*
Dibromofluoromethane (Surr)	*102*		*75 - 123*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: MB 480-572425/7
Matrix: Water
Analysis Batch: 572425

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			03/13/21 11:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/13/21 11:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/13/21 11:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/13/21 11:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/13/21 11:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/13/21 11:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/13/21 11:57	1
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L			03/13/21 11:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/13/21 11:57	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-572425/7
Matrix: Water
Analysis Batch: 572425

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/13/21 11:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/13/21 11:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/13/21 11:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/13/21 11:57	1
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L			03/13/21 11:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/13/21 11:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/13/21 11:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/13/21 11:57	1
2-Hexanone	ND		5.0	1.2	ug/L			03/13/21 11:57	1
4-Isopropyltoluene	ND		1.0	0.31	ug/L			03/13/21 11:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/13/21 11:57	1
Acetone	ND		10	3.0	ug/L			03/13/21 11:57	1
Benzene	ND		1.0	0.41	ug/L			03/13/21 11:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/13/21 11:57	1
Bromoform	ND		1.0	0.26	ug/L			03/13/21 11:57	1
Bromomethane	ND		1.0	0.69	ug/L			03/13/21 11:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/13/21 11:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/13/21 11:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/13/21 11:57	1
Chloroethane	ND		1.0	0.32	ug/L			03/13/21 11:57	1
Chloroform	ND		1.0	0.34	ug/L			03/13/21 11:57	1
Chloromethane	ND		1.0	0.35	ug/L			03/13/21 11:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/13/21 11:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/13/21 11:57	1
Cyclohexane	ND		1.0	0.18	ug/L			03/13/21 11:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/13/21 11:57	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/13/21 11:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/13/21 11:57	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/13/21 11:57	1
Methyl acetate	ND		2.5	1.3	ug/L			03/13/21 11:57	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/13/21 11:57	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/13/21 11:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/13/21 11:57	1
Naphthalene	ND		1.0	0.43	ug/L			03/13/21 11:57	1
n-Butylbenzene	ND		1.0	0.64	ug/L			03/13/21 11:57	1
N-Propylbenzene	ND		1.0	0.69	ug/L			03/13/21 11:57	1
sec-Butylbenzene	ND		1.0	0.75	ug/L			03/13/21 11:57	1
Styrene	ND		1.0	0.73	ug/L			03/13/21 11:57	1
tert-Butylbenzene	ND		1.0	0.81	ug/L			03/13/21 11:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/13/21 11:57	1
Toluene	ND		1.0	0.51	ug/L			03/13/21 11:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/13/21 11:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/13/21 11:57	1
Trichloroethene	ND		1.0	0.46	ug/L			03/13/21 11:57	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/13/21 11:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/13/21 11:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/13/21 11:57	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-572425/7
Matrix: Water
Analysis Batch: 572425

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*03/13/21 11:57*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*03/13/21 11:57*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*03/13/21 11:57*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*03/13/21 11:57*	*1*

Lab Sample ID: LCS 480-572425/5
Matrix: Water
Analysis Batch: 572425

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	25.5		ug/L		102	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.9		ug/L		92	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroetha ne	25.0	23.7		ug/L		95	61 - 148
1,1,2-Trichloroethane	25.0	24.6		ug/L		98	76 - 122
1,1-Dichloroethane	25.0	23.8		ug/L		95	77 - 120
1,1-Dichloroethene	25.0	24.3		ug/L		97	66 - 127
1,2,4-Trichlorobenzene	25.0	25.3		ug/L		101	79 - 122
1,2,4-Trimethylbenzene	25.0	24.8		ug/L		99	76 - 121
1,2-Dibromo-3-Chloropropane	25.0	23.0		ug/L		92	56 - 134
1,2-Dibromoethane	25.0	25.5		ug/L		102	77 - 120
1,2-Dichlorobenzene	25.0	24.4		ug/L		98	80 - 124
1,2-Dichloroethane	25.0	24.0		ug/L		96	75 - 120
1,2-Dichloropropane	25.0	23.6		ug/L		94	76 - 120
1,3,5-Trimethylbenzene	25.0	24.7		ug/L		99	77 - 121
1,3-Dichlorobenzene	25.0	24.3		ug/L		97	77 - 120
1,4-Dichlorobenzene	25.0	24.0		ug/L		96	80 - 120
2-Butanone (MEK)	125	130		ug/L		104	57 - 140
2-Hexanone	125	132		ug/L		106	65 - 127
4-Isopropyltoluene	25.0	24.7		ug/L		99	73 - 120
4-Methyl-2-pentanone (MIBK)	125	126		ug/L		101	71 - 125
Acetone	125	131		ug/L		105	56 - 142
Benzene	25.0	23.7		ug/L		95	71 - 124
Bromodichloromethane	25.0	24.3		ug/L		97	80 - 122
Bromoform	25.0	25.6		ug/L		103	61 - 132
Bromomethane	25.0	23.9		ug/L		96	55 - 144
Carbon disulfide	25.0	22.9		ug/L		92	59 - 134
Carbon tetrachloride	25.0	24.8		ug/L		99	72 - 134
Chlorobenzene	25.0	23.5		ug/L		94	80 - 120
Chloroethane	25.0	23.1		ug/L		93	69 - 136
Chloroform	25.0	23.7		ug/L		95	73 - 127
Chloromethane	25.0	19.7		ug/L		79	68 - 124
cis-1,2-Dichloroethene	25.0	24.3		ug/L		97	74 - 124
cis-1,3-Dichloropropene	25.0	26.4		ug/L		106	74 - 124
Cyclohexane	25.0	23.8		ug/L		95	59 - 135
Dibromochloromethane	25.0	25.4		ug/L		102	75 - 125
Dichlorodifluoromethane	25.0	14.9		ug/L		60	59 - 135
Ethylbenzene	25.0	24.2		ug/L		97	77 - 123
Isopropylbenzene	25.0	24.5		ug/L		98	77 - 122

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-572425/5
Matrix: Water
Analysis Batch: 572425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl acetate	50.0	48.0		ug/L		96	74 - 133
Methyl tert-butyl ether	25.0	25.2		ug/L		101	77 - 120
Methylcyclohexane	25.0	23.9		ug/L		96	68 - 134
Methylene Chloride	25.0	22.9		ug/L		92	75 - 124
Naphthalene	25.0	25.7		ug/L		103	66 - 125
n-Butylbenzene	25.0	24.6		ug/L		99	71 - 128
N-Propylbenzene	25.0	24.1		ug/L		97	75 - 127
sec-Butylbenzene	25.0	24.8		ug/L		99	74 - 127
Styrene	25.0	24.8		ug/L		99	80 - 120
tert-Butylbenzene	25.0	25.1		ug/L		101	75 - 123
Tetrachloroethene	25.0	24.3		ug/L		97	74 - 122
Toluene	25.0	23.7		ug/L		95	80 - 122
trans-1,2-Dichloroethene	25.0	24.1		ug/L		96	73 - 127
trans-1,3-Dichloropropene	25.0	25.1		ug/L		100	80 - 120
Trichloroethene	25.0	25.0		ug/L		100	74 - 123
Trichlorofluoromethane	25.0	21.3		ug/L		85	62 - 150
Vinyl chloride	25.0	20.9		ug/L		84	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*
Dibromofluoromethane (Surr)	*102*		*75 - 123*
Toluene-d8 (Surr)	*100*		*80 - 120*

QC Association Summary

Client: LaBella Associates DPC
Job ID: 480-181915-1
Project/Site: Edgewood Warehouse, Dunkirk,NY

GC/MS VOA

Analysis Batch: 572272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181915-3	MW-11	Total/NA	Water	8260C	
480-181915-4	MW-4RR	Total/NA	Water	8260C	
480-181915-5	Duplicate	Total/NA	Water	8260C	
480-181915-6	Trip Blank	Total/NA	Water	8260C	
MB 480-572272/8	Method Blank	Total/NA	Water	8260C	
LCS 480-572272/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 572425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181915-1	MW-15	Total/NA	Water	8260C	
480-181915-2	MW-16	Total/NA	Water	8260C	
MB 480-572425/7	Method Blank	Total/NA	Water	8260C	
LCS 480-572425/5	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: LaBella Associates DPC
Job ID: 480-181915-1
Project/Site: Edgewood Warehouse, Dunkirk,NY

Client Sample ID: MW-15
Lab Sample ID: 480-181915-1
Date Collected: 03/10/21 08:45
Matrix: Water
Date Received: 03/10/21 14:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	572425	03/13/21 14:12	AMM	TAL BUF

Client Sample ID: MW-16
Lab Sample ID: 480-181915-2
Date Collected: 03/10/21 10:00
Matrix: Water
Date Received: 03/10/21 14:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	572425	03/13/21 14:37	AMM	TAL BUF

Client Sample ID: MW-11
Lab Sample ID: 480-181915-3
Date Collected: 03/10/21 11:10
Matrix: Water
Date Received: 03/10/21 14:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	572272	03/12/21 12:13	CRL	TAL BUF

Client Sample ID: MW-4RR
Lab Sample ID: 480-181915-4
Date Collected: 03/10/21 12:10
Matrix: Water
Date Received: 03/10/21 14:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	572272	03/12/21 12:37	CRL	TAL BUF

Client Sample ID: Duplicate
Lab Sample ID: 480-181915-5
Date Collected: 03/10/21 00:00
Matrix: Water
Date Received: 03/10/21 14:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	572272	03/12/21 13:01	CRL	TAL BUF

Client Sample ID: Trip Blank
Lab Sample ID: 480-181915-6
Date Collected: 03/10/21 00:00
Matrix: Water
Date Received: 03/10/21 14:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	572272	03/12/21 13:25	CRL	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: LaBella Associates DPC
Job ID: 480-181915-1
Project/Site: Edgewood Warehouse, Dunkirk,NY

Laboratory: Eurofins TestAmerica, Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-21

Method Summary

Client: LaBella Associates DPC
Job ID: 480-181915-1
Project/Site: Edgewood Warehouse, Dunkirk,NY

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 = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: LaBella Associates DPC
Job ID: 480-181915-1
Project/Site: Edgewood Warehouse, Dunkirk,NY

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-181915-1	MW-15	Water	03/10/21 08:45	03/10/21 14:05	
480-181915-2	MW-16	Water	03/10/21 10:00	03/10/21 14:05	
480-181915-3	MW-11	Water	03/10/21 11:10	03/10/21 14:05	
480-181915-4	MW-4RR	Water	03/10/21 12:10	03/10/21 14:05	
480-181915-5	Duplicate	Water	03/10/21 00:00	03/10/21 14:05	
480-181915-6	Trip Blank	Water	03/10/21 00:00	03/10/21 14:05	

Eurofins TestAmerica, 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: Heather Geoghegan	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-157819-30095.1
Client Contact: [redacted] Heather Geoghegan	Phone: 585.409.1468	E-Mail: Brian.Fischer@Eurofinset.com	State of Origin:	Page: Page 1 of 1
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: [redacted] 585.409.1468	PO #: [redacted]			
Email: [redacted] hgeoghegan@labellapc.com	WO #:			
Project Name: Edgewood Warehouse, Dunkirk,NY	Project #: [redacted] 2203235			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
[illegible]4
r
ic Acid
ter
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
Z - other (specify)

480-181915 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wastefoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) TCL VOCs	Total Number of c	Special Instructions/Note:
			Preservation Code:				A		
MW-15	3/10/21	845		Water			X	3	
MW-16	3/10/21	1000		Water			X	3	
MW-11	3/10/21	1110		Water			X	3	
MW-4RR	3/10/21	1210		Water			X	3	
				Water					
DUPLICATE	3/10/21	—		Water			X	3	
TRIP Blank	3/10/21	—		Water			X	3	

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]	3/10/21 1405				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 3/10/21 1405	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 816 #1 no ICE

Ver: 11.01.2020

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3/18/2021

Login Sample Receipt Checklist

Client: LaBella Associates DPC

Job Number: 480-181915-1

Login Number: 181915

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Sabuda, Brendan D

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	8.6 #1 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	
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.	True	

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

Edgewood Warehouse, Dunkirk, NY
Eurofins SDG#480-181915-1
April 5, 2021
Sampling date: 3/10/2021

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for LaBella Associates DPC, project located at Edgewood Warehouse, Dunkirk, NY, Eurofins SDG#480-181915-1 submitted to Vali-Data of WNY, LLC on March 18, 2021. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines(NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analysis using USEPA method Volatile Organics (8260C).

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Internal Standard (IS) Area Performance
-Surrogate Spike Recoveries
-Method Blank
-Field Duplicate Sample Precision
-Laboratory Control Samples
-MS/MSD
-Compound Quantitation
-Initial Calibration
-Continuing Calibration
-GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in Compound Quantitation and Initial Calibration.

DATA COMPLETENESS

All criteria were met.

NARRATIVE AND DATA REPORTING FORMS

All criteria were met.
Data was not reported to 3 significant figures. This does not affect the usability of the data.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met except the temperature of the samples was outside QC limits. Given the temperature that day and the time to receipt by the lab, it is determined that no further action is required.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All criteria were met except cis-1,2-Dichloroethene was detected in MW-15 but was not detected in Duplicate. Acetone, Cyclohexane and Methylcyclohexane were detected in Duplicate but were not detected in MW-15.

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD
No MS/MSD was acquired.

COMPOUND QUANTITATION
All criteria were met except Acetone was detected above the MDL, below the reporting limit and is qualified as estimated in Trip Blank. This target analyte should be qualified as undetected at the reporting limit in associated samples in which it was detected below the reporting limit. This target analyte should be qualified as estimate high in associated samples in which it was detected above the reporting limit.

INITIAL CALIBRATION
All criteria were met except the %RSD of Bromoform was outside QC limits in the initial calibration performed on instrument HP5977L. This target analyte should be qualified as estimated in the associated samples, blanks and spikes.
Alternate forms of regression were performed on some target analytes, with acceptable results.

CONTINUING CALIBRATION
All criteria were met.

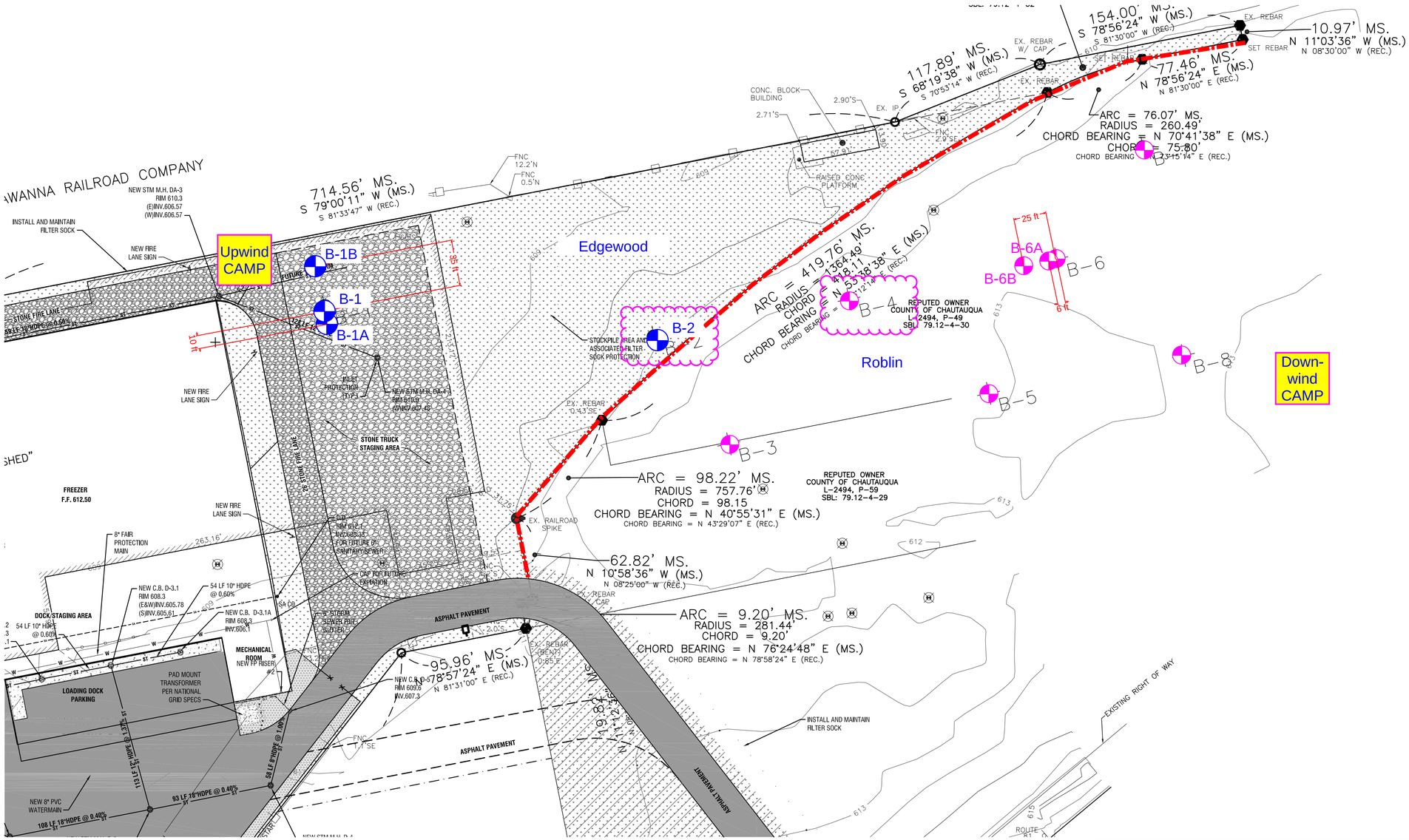
GC/MS PERFORMANCE CHECK

All criteria were met.

APPENDIX 7

Geotechnical Boring Logs and Locations

5-ft rock core



2210339

Temperature Controlled Warehouse
Dunkirk, NY

LaBella Associates, D.P.C.
300 State Street, Suite 201
Rochester, New York 14614
p: 585-454-6110
www.labellapc.com

TEST BORING LOG

Boring No.	**B-1**
Project No.:	2210339
Start Date:	12/18/20
Finish Date:	12/18/20
Inspector:	D. Keller
Surface Elev.:	see survey

Project Name:	320 Roberts Road Freezer/Brownfield Redevelopment Services
Location:	Dunkirk, New York
Client:	The Krog Group
Drilling Firm:	LaBella Environmental, LLC
Driller:	Austin Skinner

Key:
Geologic Strata Change
Gradation Change Within Strata

Drill Rig:	Diedrich D50	**Rock Core:**	None
Casing:	4-1/4 HSA	**Other:**	Edgewood Site
Sampler:	1-3/8" ID S.S.		Hand excavated to 2.0 feet.
Undisturbed:	None		
Hammer:	140# Automatic, 30" drop		

Coordinates: **N:** see survey **E:** see survey

Depth (ft.)	Sample Number	Symbol	Blows on Sampler per 6"	VISUAL-MANUAL MATERIAL DESCRIPTION (trace (1 - 10%), little (11 - 20%), some (21 - 35%), and (36-50%);)	Depth of Change	PID (ppm)	COMMENTS (e.g., N-value, recovery, moisture, core run, % recovered, RQD)
1				Brown, coarse to fine SAND, some Silt, trace coarse to fine Gravel.			
				-CLEAN FILL-	0.9'		Noted possible demarcation layer at 0.9 feet (thread-thickness orange mesh 1"x1" grid)
2				Brown, coarse to fine Sand and coarse to fine Gravel, little Silt.			
				-FILL-			
3	S-1		50/1"	Brown, coarse to fine Sand and coarse to fine Gravel, little Silt.			**S-1** 2.0' - 2.1' **N>50**
							REC = 1" M/C: Moist
4				Bottom Of Exploration 2.1 feet			Consistency: Very Dense
				Split spoon and auger refusal on probable obstruction.			
5				see also Test Boring Logs for B-1A and B-1B			
6				Borehole backfilled with cuttings.			
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							* there are several monitoring wells on the site that can be referenced for accurate water level data.
23							

Groundwater/Caving *	Date (mm/dd/yy)	Time (24 hr clock)	Depth in feet to: Bot of Casing	Bot of Hole	Water
While Drilling:	NR	NR	NR	NR	NR
While Drilling or Before Rock Coring:	NR	NR	NR	NR	NR
Before Casing Removed:	NR	NR	NR	NR	NR
After Casing Removed:	NR	NR	Removed	NR	NR

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TEST BORING LOG

Boring No.	**B-1A**
Project No.:	2210339
Start Date:	12/18/20
Finish Date:	12/18/20
Inspector:	D. Keller
Surface Elev.:	see survey

Project Name:	320 Roberts Road Freezer/Brownfield Redevelopment Services
Location:	Dunkirk, New York
Client:	The Krog Group
Drilling Firm:	LaBella Environmental, LLC
Driller:	Austin Skinner

Key:
———— Geologic Strata Change
—·—·—·—·—·— Gradation Change Within Strata

Drill Rig:	Diedrich D50	**Rock Core:**	None
Casing:	4-1/4 HSA	**Other:**	Edgewood Site
Sampler:	1-3/8" ID S.S.		(a) 10 feet south of B-1
Undisturbed:	None		(see survey for location of B-1)
Hammer:	140# Automatic, 30" drop		

Coordinates: **N:** (a) **E:** (a)

Depth (ft.)	Sample Number	Symbol	Blows on Sampler per 6"	VISUAL-MANUAL MATERIAL DESCRIPTION (trace (1 - 10%), little (11 - 20%), some (21 - 35%), and (36-50%);)	Depth of Change	PID (ppm)	COMMENTS (e.g., N-value, recovery, moisture, core run, % recovered, RQD)
1				Advanced augers to 2.1 ft, no sampling. See Test Boring Log for B-1 for details.			
2							
3				Bottom Of Exploration 2.1 feet			
4				Auger refusal on probable obstruction.			
5				see also Test Boring Logs for B-1 and B-1B			
6				Borehole backfilled with cuttings.			
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							* there are several monitoring wells on the site that can be referenced for accurate water level data.
23							

Groundwater/Caving *	Date (mm/dd/yy)	Time (24 hr clock)	Depth in feet to: Bot of Casing	Bot of Hole	Water
While Drilling:	NR	NR	NR	NR	NR
While Drilling or Before Rock Coring:	NR	NR	NR	NR	NR
Before Casing Removed:	NR	NR	NR	NR	NR
After Casing Removed:	NR	NR	Removed	NR	NR

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Rochester, New York 14614
p: 585-454-6110

TEST BORING LOG

Boring No.	**B-1B**
Project No.:	2210339
Start Date:	12/18/20
Finish Date:	12/18/20
Inspector:	D. Keller
Surface Elev.:	see survey

Project Name:	320 Roberts Road Freezer/Brownfield Redevelopment Services
Location:	Dunkirk, New York
Client:	The Krog Group
Drilling Firm:	LaBella Environmental, LLC
Driller:	Chris Stone / Austin Skinner

Key:
———— Geologic Strata Change
–·–·–·–·–·– Gradation Change Within Strata

Drill Rig:	Diedrich D50	**Rock Core:**	None
Casing:	2-1/4 HSA	**Other:**	Edgewood Site
Sampler:	1-3/8" ID S.S.		(a) 35 feet north of B-1
Undisturbed:	None		(see survey for location of B-1)
Hammer:	140# Automatic, 30" drop		

Coordinates: **N:** (a) **E:** (a)

Depth (ft.)	Sample Number	Symbol	Blows on Sampler per 6"	VISUAL-MANUAL MATERIAL DESCRIPTION (trace (1 - 10%), little (11 - 20%), some (21 - 35%), and (36-50%);)	Depth of Change	PID (ppm)	COMMENTS (e.g., N-value, recovery, moisture, core run, % recovered, RQD)
1				Brown, coarse to fine SAND, some Silt, trace coarse to fine Gravel.		0	Advanced borehole with augers to
				-CLEAN FILL-	0.9'		4 feet, no sampling.
2				Brown, coarse to fine Sand and coarse to fine Gravel, little Silt.			
				-FILL-			Overburden details from 0.0 to 2.1
3				Brown, coarse to fine Sand and coarse to fine Gravel, little Silt,			feet based on Test Boring Log B-1.
					3.0'		
4							
5	S-1		8	Mixed light brown and gray brown and dark brown, coarse to fine Sand and clayey		5	**S-1** 4.0' - 6.0' **N=19**
			14	Silt, trace medium to fine Gravel, with probable cobbles and/or concrete pieces.			REC = 10" M/C: Moist
			5	**-FILL (reworked alluvial deposits)-**			Consistency: Medium Dense
6			4				
7	S-2		5	Mixed light brown and gray brown and dark brown, coarse to fine SAND and clayey		8	**S-2** 6.0' - 8.0' **N=10**
			5	Silt, trace medium to fine Gravel.			REC = 20" M/C: Moist
			5				Consistency: Loose
8			4				
9	S-3		4	Sample S-3 similar to S-2.		56	**S-3** 8.0' - 10.0' **N=2**
			1				REC = 10" M/C: Moist
			1				Consistency: Very Loose
10			4				
11							
12							
13							
14	S-4		2	Sample S-4 similar to S-2, except with frequent sand seams.		<1	**S-4** 13.0' - 15.0' **N=4**
			2				REC = 3" M/C: Moist
			2				Consistency: Very Loose
15			2				
16							
17							
18							
19	S-5		1		18.5'		**S-5** 18.0' - 20.0' **N=3**
			1	Gray, silty CLAY, trace fine Sand.		0	REC = 20" M/C: Moist
			2	**-GLACIOLACUSTRINE DEPOSITS-**			Consistency: Soft
20			2				
21							
22							* there are several monitoring wells
							on the site that can be referenced
23					22.9'		for accurate water level data.

Groundwater/Caving *	Date (mm/dd/yy)	Time (24 hr clock)	Depth in feet to: Bot of Casing	Bot of Hole	Water
While Drilling:	NR	NR	NR	NR	NR
While Drilling or Before Rock Coring:	NR	NR	NR	NR	NR
Before Casing Removed:	NR	NR	NR	NR	NR
After Casing Removed:	NR	NR	Removed	NR	NR

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p: 585-454-6110

TEST BORING LOG

Boring No.	**B-1B**
Project No.:	2210339
Start Date:	12/18/20
Finish Date:	12/18/20
Inspector:	D. Keller
Surface Elev.:	see survey

Project Name:	320 Roberts Road Freezer/Brownfield Redevelopment Services
Location:	Dunkirk, New York
Client:	The Krog Group

Depth (ft.)	Sample Number	Symbol	Blows on Sampler per 6"	VISUAL-MANUAL MATERIAL DESCRIPTION trace (1 - 10%), little (11 - 20%), some (21 - 35%), and (36-50%);	Depth of Change	PID (ppm)	COMMENTS (e.g., N-value, recovery, moisture, core run, RQD, % recovered)
24	S-6		12 14 13 50/5"	Moderately hard, moderately to slightly weathered, dark gray, aphanitic, SHALE. Extremely fractured. **-BEDROCK-**	22.9'	0	**S-6** 23.0' - 24.9' **N=27** REC = 16" M/C: Moist Consistency: Medium Dense
26				Bottom Of Exploration 24.9 feet			
27				Split spoon refusal.			
28				Borehole grouted to approximately 1-ft, then backfilled with clean fill.			
29							
30							
31							
32							
33							
34							
35							
36							
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TEST BORING LOG

Boring No.	**B-2**
Project No.:	2210339
Start Date:	12/17/20
Finish Date:	12/17/20
Inspector:	D. Keller
Surface Elev.:	see survey

Project Name:	320 Roberts Road Freezer/Brownfield Redevelopment Services
Location:	Dunkirk, New York
Client:	The Krog Group
Drilling Firm:	LaBella Environmental, LLC
Driller:	Chris Stone

Key:
Geologic Strata Change
Gradation Change Within Strata

Drill Rig:	Diedrich D50	**Rock Core:**	NQ
Casing:	4-1/4 HSA	**Other:**	Edgewood Site
Sampler:	1-3/8" ID S.S.		Hand excavated to 2.0 feet.
Undisturbed:	None		No demarcation layer found.
Hammer:	140# Automatic, 30" drop		

Coordinates: **N:** see survey **E:** see survey

Depth (ft.)	Sample Number	Symbol	Blows on Sampler per 6"	VISUAL-MANUAL MATERIAL DESCRIPTION (trace (1 - 10%), little (11 - 20%), some (21 - 35%), and (36-50%);)	Depth of Change	PID (ppm)	COMMENTS (e.g., N-value, recovery, moisture, core run, % recovered, RQD)
1				Brown, coarse to fine SAND, some Silt, trace coarse to fine Gravel.			
				-CLEAN FILL-		0	
2					1.3'		
				Gray-brown, coarse to fine Sand and coarse to fine Gravel,			
3	S-1		31	little Silt, with brick particles.		0	**S-1** 2.0' - 4.0' **N=34**
			21	**-FILL-**	2.8'		REC = 22" M/C: Dry to Moist
4			13	Dark brown to black, coarse to fine SAND, some Silt, with ash.			Consistency: Dense
			13	**-FILL-**	4.0'		
5	S-2		8	Light brown, coarse to fine SAND and clayey Silt, trace medium to fine Gravel.		0	**S-2** 4.0' - 6.0' **N=13**
			7	**-FILL (reworked alluvial deposits)-**			REC = 16" M/C: Moist
6			6				Consistency: Medium Dense
			5		6.0'		
7	S-3		5	Mottled gray-brown and yellow-brown, silty CLAY, little fine Sand,		0	**S-3** 6.0' - 8.0' **N=7**
			3	trace organic fibers.			REC = 17" M/C: Moist
8			4	**-ALLUVIAL DEPOSITS-**			Consistency: Medium Stiff
			5				
9	S-4		1	Sample S-4 similar to S-3.		0	**S-4** 8.0' - 10.0' **N=5**
			2				REC = 18" M/C: Moist
10			3				Consistency: Medium Stiff
			4				
11							
12							
13					13.1'		
	S-5		15	Gray-brown, coarse to fine SAND and clayey Silt, some coarse	13.6'		**S-5** 13.0' - 13.6' **N>50**
14			50/1"	to fine Gravel.			REC = 5" M/C: Moist
				-GLACIAL TILL-			Consistency: Very Dense
15				R-1A: Highly weathered SHALE (poor recovery from top of R-1).			
				-WEATHERED BEDROCK-	15.7'		
16	R-1						**RUN-1** 14.0' - 19.0'
				R-1B: Moderately hard, fresh, dark gray, aphanitic, SHALE.			RUN = 60" REC = 40"
17				Joints horizontal to low angle, very close to close, smooth, planar, tight,			%REC= 67%
				except moderately dipping with clay infilling at 18.4 feet.			Spcs ≥ 4" = 11"
18				**-BEDROCK-**			RQD = 11" / 60" = 18%
19							Rock Mass Quality: Very Poor
20				Bottom Of Exploration 19.0 feet			
21				Borehole grouted to approximately 1.5-ft, then backfilled with clean fill.			
22							* there are several monitoring wells on the site that can be referenced for accurate water level data.
23							

Groundwater/Caving *	Date (mm/dd/yy)	Time (24 hr clock)	Depth in feet to: Bot of Casing	Bot of Hole	Water
While Drilling:	12/17/20	12:45	13.0	13.6	none*
While Drilling or Before Rock Coring:	NR	NR	NR	NR	NR
Before Casing Removed:	NR	NR	NR	NR	NR
After Casing Removed:	NR	NR	Removed	NR	NR

APPENDIX 8

Post-Construction Indoor Air Quality Report

June 4, 2021

Mr. Peter Krog II
320 Roberts Road Freezer, LLC
4 Centre Drive
Orchard Park, New York 14127

RE: Indoor Air Sampling
Former Edgewood Warehouse Site (320 Roberts Road Freezer)
320 South Roberts Road, Dunkirk, NY (BCP Site #C907032)

Dear Mr. Krog:

The Remedial Work Plan (RWP) for the Former Edgewood Warehouse Site prescribed post-construction indoor air quality monitoring in the new freezer facility constructed on the Site for the purpose of evaluating the effectiveness of the building's sub-slab depressurization system (SSDS). The following sections summarize the scope of work completed and the results of the post-construction indoor air sampling performed to satisfy this requirement.

BACKGROUND

The Former Edgewood Warehouse Site NYSDEC Site (Site #C907032) was remediated pursuant to a Brownfield Cleanup Agreement (BCA) ratified with the New York State Department of Environmental Conservation (NYSDEC) in January 2018 and amended in December 2019. Figure 1 depicts the location of this 7.94-acre site within the City of Dunkirk, Chautauqua County, New York. The property was remediated in 2018-2019 in accordance with a NYSDEC-approved RWP, and was redeveloped with a new temperature controlled warehouse facility. The remedy for the Site included the mitigation of potential soil vapor intrusion into the new freezer warehouse facility through the installation of a passive SSDS. The passive SSDS includes a clean aggregate gas permeable layer overlain by a polyethylene vapor barrier under the building floor slabs, and perforated fabric wrapped pipes buried in pea stone connected to polyvinyl chloride (PVC) riser vent pipes on the exterior of the building. The system was designed to be capable of activation should conditions warrant. The as-built SSDS drawings are included in Attachment 1.

SCOPE OF SERVICES

LaBella completed the following major tasks associated with the indoor air sampling:

- Mobilized to the Site on November 4, 2020 for the collection of indoor air samples as specified in the RWP for the Site.
- Air samples were collected utilizing batch-certified summa canisters equipped with a laboratory calibrated regulator set for sample collection over an approximate eight-hour period.
- Indoor air samples included two samples from each of the freezer units, and one sample from each of the shipping receiving area/re-packing area, office area, and mechanical area (total of seven indoor air samples). The following table indicates the sample IDs and corresponding sample locations.

West Freezer Unit	ID-1	North end of the freezer unit
	ID-3	South end of the freezer unit
East Freezer Unit	ID-2	North end of the freezer unit
	ID-4	South end of the freezer unit
Shipping Receiving Area	ID-5	West end of the shipping and receiving area
Mechanical Room	ID-6	Proximate the middle of the mechanical room
Office Area	ID-7	In the break room in the office area

Due to the low temperatures (-20°F) of the freezer units, the summa canisters for ID-1 and ID-2 were placed on the north exterior of the freezer facility proximate man-doors. Tubing was connected to the regulators on the canisters and run inside of the freezer units through the doors. The tubing was terminated approximately five feet inside of the freezer units. The summa canisters for ID-3 and ID-4 were placed within the Staging Area south of the freezer units and tubing was connected to the canisters and run into the freezer units and terminated along the south wall. ID-5 was collected from the west end of the Shipping and Receiving Area to avoid site operations and collect a representative sample. ID-6 was placed within the middle of the Mechanical Room to collect a representative sample. ID-7 was placed on a table along the north wall of the break room. As the office area was generally unoccupied, the break room was determined to be the location within the office area where occupants would remain for the longest period of time. The approximate sample locations are depicted on Figure 2.

- Two outdoor background air samples were collected from the downwind, east exterior of the Site. OD-1 was collected proximate the northeast corner and OD-2 was collected proximate the southeast corner of the freezer facility. The approximate sample locations are depicted on Figure 2.
- The summa canisters were setup and sample collection was initiated by opening the regulators between 8:30 am and 9:00 am. The initial vacuum readings of the canisters were recorded prior to initiating sample collection. The canisters were inspected periodically over the sample period to monitor the vacuum drop in the canisters. Sampling was terminated when the vacuum in the canisters approached -5 inches of mercury (in Hg) or after approximately eight hours of sample collection. The sample duration of two samples, ID-1 and ID-7, were terminated early due to low vacuum. The sample duration for ID-1 was approximately four hours and fourteen minutes. The sample duration for ID-7 was approximately six hours and ten minutes. The sample IDs, locations, canisters numbers, start times, initial vacuum readings, end times, and end vacuum readings were recorded on a field sampling log included in Attachment 2.
- Air samples were submitted under proper chain of custody procedures to Alpha Analytical, a New York State Department of Health Environmental Laboratory Approval Program certified laboratory for analysis of the following volatile organic compounds (VOCs) by United States Environmental Protection Agency (USEPA) method TO-15.
    - 1,1-Dichloroethene
    - Cis-1,2-Dichloroethene
    - Trichloroethene
    - 1,1,1-Trichloroethene
    - Tetrachloroethene
    - Vinyl chloride

- A New York State Department of Health (NYSDOH) Indoor Air Quality Questionnaire and Building Inventory was completed in accordance with NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006.

INDOOR AIR SAMPLING RESULTS

Based on the laboratory analytical results for the indoor air samples, cis-1,2-dichloroethene, trichloroethene, and 1,1,1-trichloroethane were detected in each of the indoor air samples; and Tetrachloroethene was detected in five of the seven samples. 1,1-dichloroethene and vinyl chloride were not detected above laboratory reporting limits in any of the samples. With the exception of cis-1,2-dichloroethene and trichloroethene in sample ID-7, all VOC concentrations detected in the air samples were below the Environmental Protection Agency (EPA) 2001: Building Assessment and Survey Evaluation (BASE) database 90th percentile values included on Table C2 in Appendix C of the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006. Comparison of the analytical results to the Soil Vapor/Indoor Air Matrices included in the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006, updated May 2017, revealed cis-1,2-dichloroethene, 1,1,1-trichloroethane, and trichloroethene in ID-7 and trichloroethene in ID-2 and ID-5 were detected at concentrations exceeding the maximum indoor air concentrations on the respective matrices, indicating source identification, resampling or mitigation is necessary. No VOCs were detected in the outdoor background air samples. The laboratory analytical results are summarized in Table 1. The laboratory analytical report is included in Attachment 2.

NYSDOH QUESTIONNAIRE AND BUILDING INVENTORY

Per the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006, an Indoor Air Quality Questionnaire and Building Inventory was completed for the freezer facility and is included in Attachment 3. The following observations were made and information was obtained from the interview during the completion of the NYSDOH Indoor Air Quality Questionnaire. Hand sanitizer was observed within the Office Area and in the Shipping and Receiving Area, and cleaning chemicals were observed on a cart within the janitor's closet in the Office Area. Cleaning of the Office Area was initiated just prior to the termination of indoor air sampling in the break room. Reportedly, cleaning of the Office Area did not include the break room and the janitor was asked to stop cleaning until the sampling was complete. Construction of the freezer facility was substantially completed in December 2019. However, the facility was sparsely occupied and not fully operational at the time of the sampling. The freezer units were empty with the exception of a few pallets of products utilized to train new employees, and the office area was generally unoccupied.

CONCLUSIONS AND RECOMMENDATIONS

The Site Management Plan (SMP) indicates that the need for additional sampling and/or SSDS activation shall be evaluated should post-remedial indoor air sampling identify indoor air quality concerns. Based on the results of the indoor air sampling, VOC concentrations were detected in excess of the EPA BASE database 90th percentile and/or the Soil Vapor/Indoor Air Matrices concentrations in the indoor air samples from ID-2, ID-5, and ID-7. The trichloroethene concentrations in ID-2 and ID-5 only minimally exceeded the maximum indoor air concentration on the Soil Vapor/Indoor Air Matrix. The freezer facility was recently constructed and was not fully occupied or operating at capacity at the time of sample collection. Sample ID-7 was located within the break room of the Office Area, which is the only finished area within the freezer facility. Additionally, as identified in the Indoor Air Quality Questionnaire and Building Inventory, cleaning chemicals were utilized in the vicinity of ID-7 during the sampling period. Cleaners, along with new building materials, furnishings and finishes are known to emit organic chemicals. When coupled with

the limited operating status of the facility, these products and materials may have negatively influenced the indoor air quality results.

Consequently, LaBella recommends resampling the areas of the freezer facility where VOC exceedances were detected (i.e., Office Area, Shipping/Receiving Area and East Freezer Unit) once the facility has become fully operational to confirm the effectiveness of the SSDS. Furthermore, the conclusions and recommendations contained in this letter should be submitted to NYSDEC to verify concurrence with the recommendation for additional monitoring.

Thank you for the opportunity to service your environmental needs. Please do not hesitate to contact me should you have any questions or require additional information.

Respectfully submitted,

LaBella Associates

Robert Napieralski, CPG
Regional Manager

Andrew Benkleman
Project Manager

LaBella
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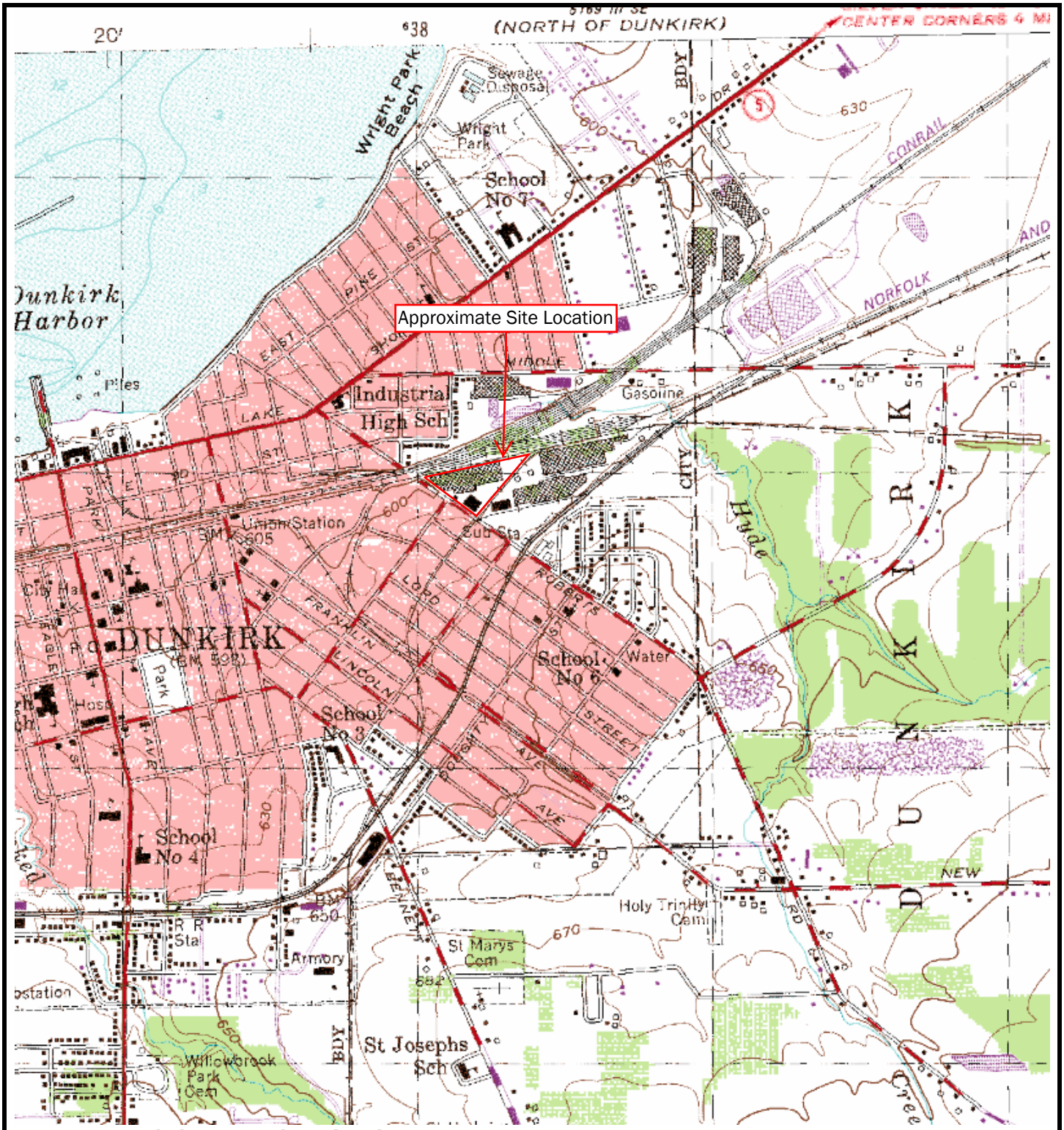
FIGURES



7.5-minute, Dunkirk, New York quadrangle USGS Map

N

Not To Scale

FIGURE 1

SITE LOCATION MAP

320 Roberts Road Freezer
320 South Roberts Road
Dunkirk, New York

LaBella
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PROJECT NO.

2203235

LEGEND

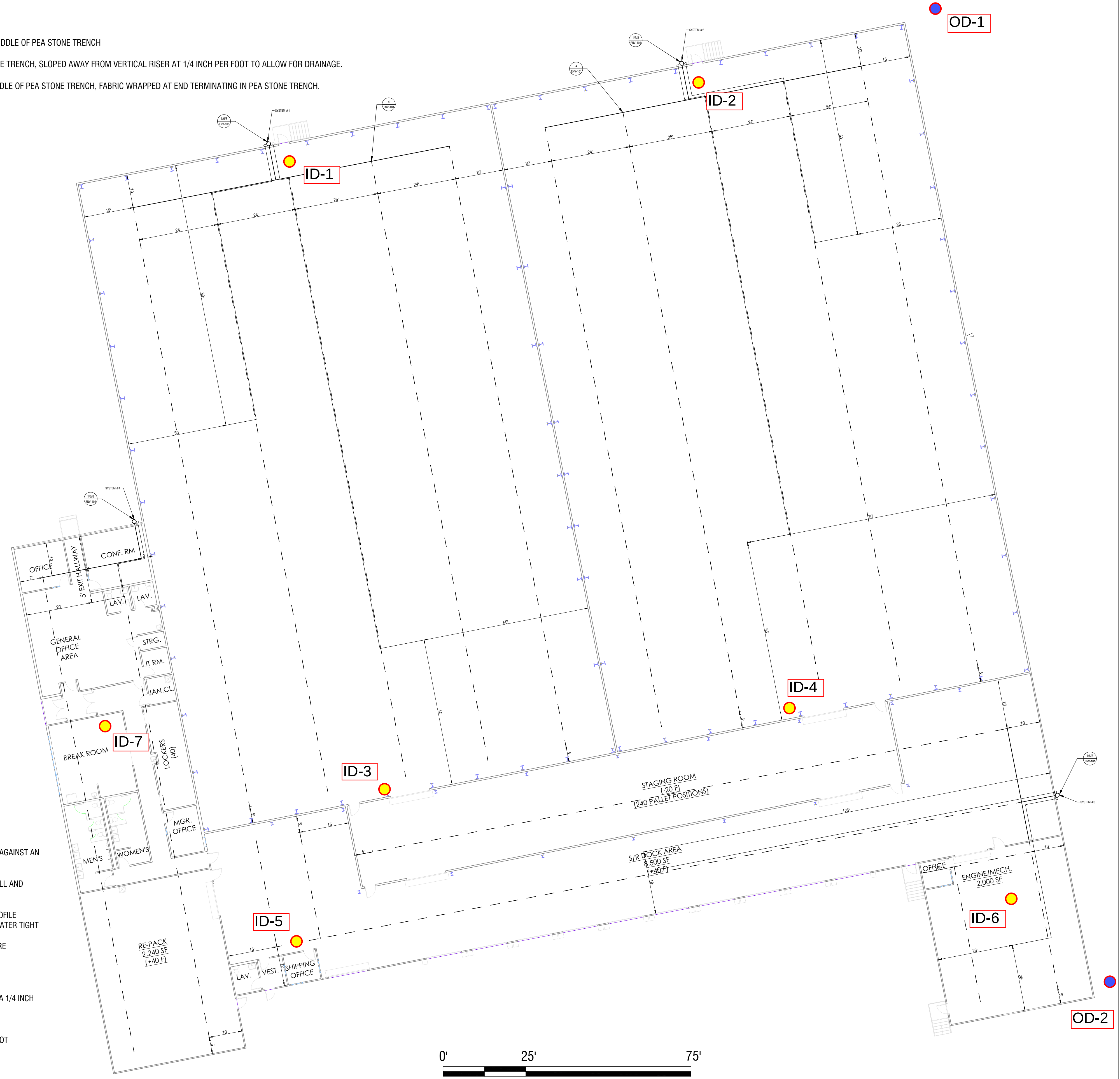
- - - - - FABRIC WRAPPED 4 INCH HDPE PERFORATED PIPE PLACED WITHIN MIDDLE OF PEA STONE TRENCH

———— 4 INCH SOLID SCH 40 PVC PIPE PLACED WITHIN MIDDLE OF PEA STONE TRENCH, SLOPED AWAY FROM VERTICAL RISER AT 1/4 INCH PER FOOT TO ALLOW FOR DRAINAGE.

———— 1/4 INCH STAINLESS STEEL MONITORING POINTS PLACED WITHIN MIDDLE OF PEA STONE TRENCH, FABRIC WRAPPED AT END TERMINATING IN PEA STONE TRENCH.

Indoor Air Sampling Legend

- Indoor Air Sample Location
- Outdoor Air Sample Location



NOTES:

1. 1/4 INCH STAINLESS STEEL MONITORING POINTS MOUNTED APPROXIMATELY 3 FEET ABOVE FINAL GROUND SURFACE AGAINST AN EXTERIOR WALL. REFER TO DETAIL 1: PROFILE AT MONITORING POINT.
2. 1/4 STAINLESS STEEL TUBING TERMINATED IN MIDDLE OF SUBBASE STONE WITH FABRIC WRAPPED END.
3. 4 INCH SCHEDULE 40 PVC RISER LOCATED 6 INCHES FROM WALL AND VENTED UP ALONG THE EXTERIOR OF THE WALL AND TERMINATED AT LEAST 10 FEET ABOVE THE GROUND SURFACE. REFER TO DETAIL 8: RISER PROFILE.
4. 4 INCH SCHEDULE 40 PVC TO 4 INCH HDPE PERFORATED PIPE CONNECTION. REFER TO DETAIL 4: DETAIL AT HEADER.
5. 4 INCH HDPE PIPE WRAPPED IN FABRIC AND PLACED IN PEA STONE TRENCH. REFER TO DETAIL 7 & 10: MATERIAL PROFILE
6. 4 INCH SOLID PVC EXTENDING MINIMUM 2 FEET ON INTERIOR OF FOUNDATION WALL, GROUTED IN PLACE TO FORM WATER TIGHT CONNECTION. REFER TO DETAIL 6: TYPICAL HORIZONTAL PIPE PENETRATION.
7. PIPING MOVED AS NEEDED IN FIELD TO AVOID PLUMBING. CONTACT ENGINEER TO CONFIRM PIPING MODIFICATIONS ARE ACCEPTABLE.
8. INSTALLED 4" CAP AT EACH VAPOR COLLECTION PIPE TERMINATION.
9. ALL SUB-SLAB VAPOR COLLECTION PIPING IS GEOTEXTILE-WRAPPED 4 INCH PERFORATED CORRUGATED HDPE.
10. HEADER PIPING SHOWN IS 4 INCH SCHEDULE 40 PVC.
11. PEA STONE SHALL CONSIST OF WASHED MATERIAL THAT WILL PASS THROUGH A 2 INCH SIEVE AND BE RETAINED BY A 1/4 INCH SIEVE.
12. SEALED ALL PENETRATIONS AND GAPS WITH AN ELASTOMERIC JOINT SEALANT.
13. THIS DRAWING IS NOT TO INTENDED TO PROVIDE STRUCTURAL INFORMATION. REFER TO STRUCTURAL DRAWINGS.
14. SYSTEM INSTALLED AS PASSIVE. FANS WILL BE INSTALLED AND THE SYSTEM MADE ACTIVE IF PASSIVE SYSTEM IS NOT EFFECTIVE IN MITIGATING VAPOR INTRUSION INTO THE BUILDING.

NO. | REVISION | BY | DATE

It is a violation of New York Education Law Article 145 Sec. 7209, for any person, unless acting under the direction of a licensed professional engineer, or land surveyor, to alter an item in any way. If an item bearing the seal of an engineer or land surveyor is altered, the altering engineer or land surveyor shall affix to the item their seal and notation "altered by" followed by their signature and date of such alteration, and a specific description of the alteration.

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The Krog Group
Contractors Engineers Developers

PROJECT/CLIENT

FORMER EDGEWOOD WAREHOUSE SITE
NYSDEC BCP #C907032

320 SOUTH ROBERTS ROAD
CHAUTAUQUA COUNTY
DUNKIRK, NY

DRAWING TITLE

INDOOR AIR SAMPLING LOCATION MAP

ISSUED FOR

DESIGNED BY: AB
DRAWN BY: AB
REVIEWED BY: DN

DATE: SEPTEMBER, 2019

J:\The Krog Group\2171946 - Former Edgewood Warehouse\Reports\SMP\Draft Appendices\Supporting Documents\Appendix 7_As-Built Drawings\Edgewood_SSDS_Layout_9.30.2019.dwg

PROJECT/DRAWING NUMBER

2203235

Figure 2

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TABLES

Table 1

320 Roberts Road Freezer

320 South Roberts Road, Dunkirk, New York

Indoor Air Sampling

Summary of Indoor Air Sample Analytical Results

(Detected Analytes Only)

Sample ID	ID-1	ID-2	ID-3	ID-4	ID-5	ID-6	ID-7	OD-1	OD-2	BASE Indoor Air
Sample Type	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Indoor Air	Outdoor Air	Outdoor Air	
Sample Date	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020	
Volatile Organic Compounds (mcg/m³)										
cis-1,2- Dichloroethene	0.147	0.246	0.278	0.285	0.341	0.599	2.03	<	<	<1.9
1,1,1-Trichloroethane	0.589	0.960	1.19	1.19	1.17	0.267	13.1	<	<	20.6
Trichloroethene	0.597	1.20	0.564	0.693	1.11	0.812	5.37	<	<	4.2
Tetrachloroethene	0.190	0.380	<	0.149	0.325	<	0.488	<	<	15.9

Analytical method for air samples =United States Environmental Protection Agency Method TO-15 (USEPA Method TO-15)

< = Analyte detected at concentration below laboratory method detection limit

mcg/m3 = Micrograms per cubic meter

NL = Not Listed

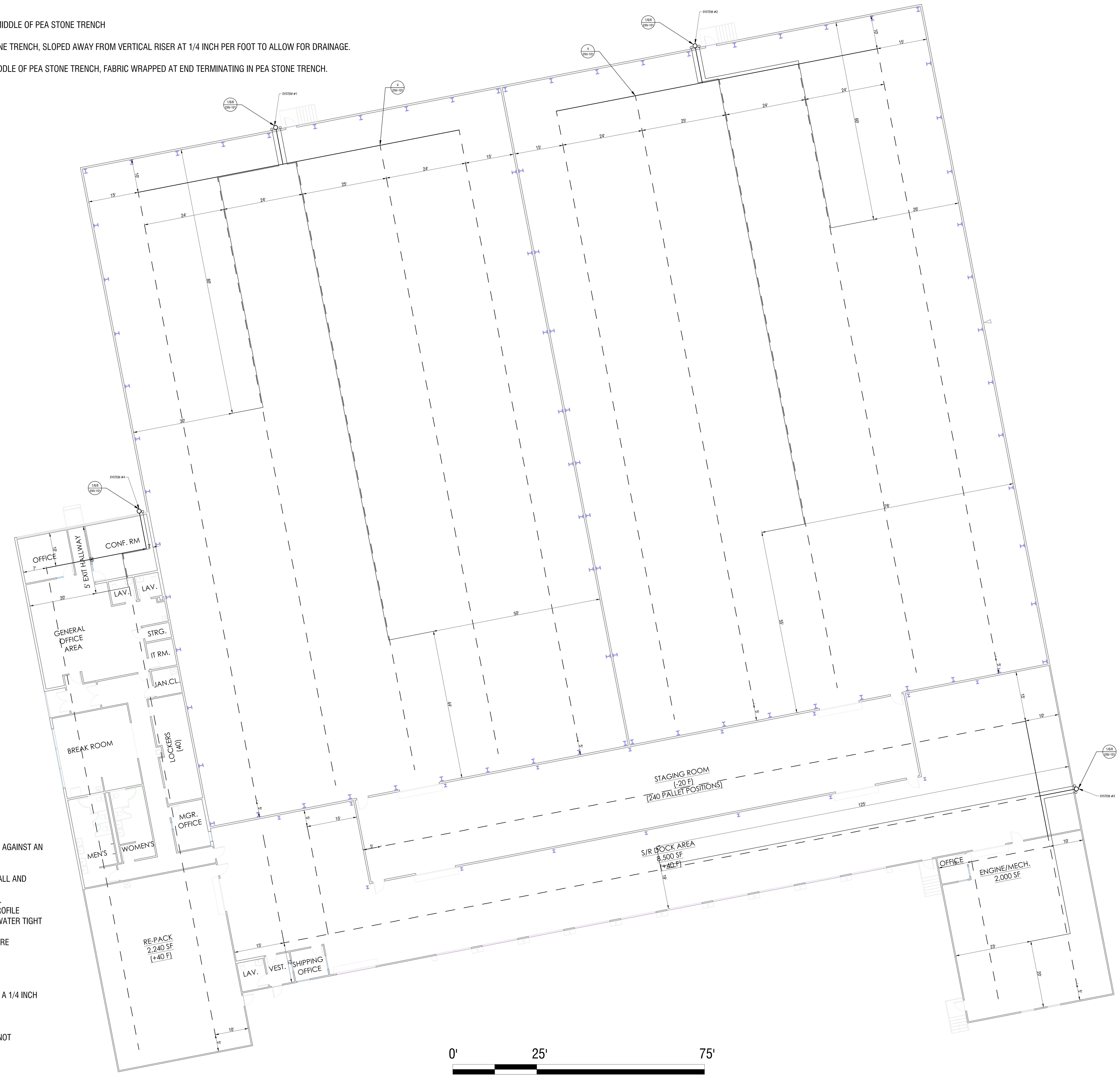
Shaded values exceed New York State Department of Health Guidance for Evaluating Soil Vapor Instrusion in the State of New York, October 2006, Appendix C: Table C2 Environmental Protection Agency (EPA) 2001: Building assessment and survey evaluation (BASE) database 90th percentile values

ATTACHMENT 1

SSDS As-Built Drawings

LEGEND

- – – – – – – – FABRIC WRAPPED 4 INCH HDPE PERFORATED PIPE PLACED WITHIN MIDDLE OF PEA STONE TRENCH
- ———————— 4 INCH SOLID SCH 40 PVC PIPE PLACED WITHIN MIDDLE OF PEA STONE TRENCH, SLOPED AWAY FROM VERTICAL RISER AT 1/4 INCH PER FOOT TO ALLOW FOR DRAINAGE.
- ———————— 1/4 INCH STAINLESS STEEL MONITORING POINTS PLACED WITHIN MIDDLE OF PEA STONE TRENCH, FABRIC WRAPPED AT END TERMINATING IN PEA STONE TRENCH.



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NO.	REVISION	BY	DATE

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STATE OF NEW YORK · DANIEL P. NOLL · No. 081950 · LICENSED PROFESSIONAL ENGINEER

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The Krog Group — Contractors Engineers Developers

PROJECT/CLIENT

FORMER EDGEWOOD WAREHOUSE SITE
NYSDEC BCP #C907032
320 SOUTH ROBERTS ROAD
CHAUTAUQUA COUNTY
DUNKIRK, NY

DRAWING TITLE

SUB-SLAB DEPRESSURIZATION SYSTEM LAYOUT AS BUILT

ISSUED FOR:

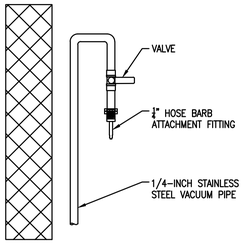
DESIGNED BY: AB
DRAWN BY: AB
REVIEWED BY: DN

DATE: SEPTEMBER, 2019

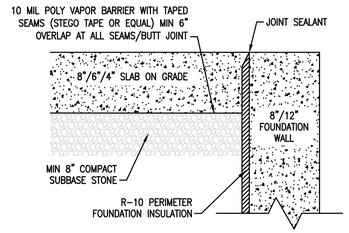
PROJECT/DRAWING NUMBER

2171946

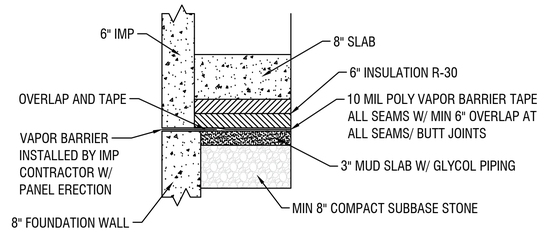
ENV-100



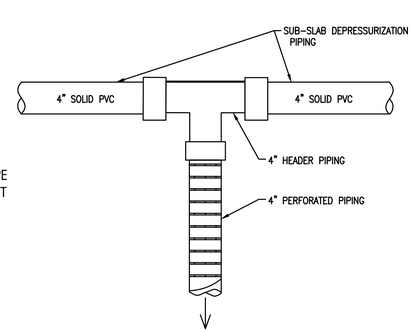
1 PROFILE AT MONITORING POINT
SCALE: NONE



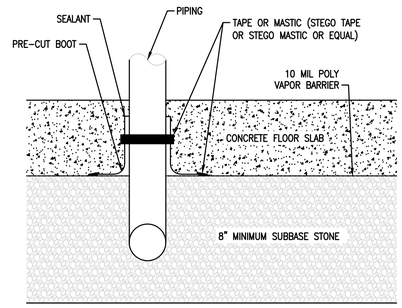
VAPOR BARRIER END DETAIL: NON–FREEZER AREA
2 SCALE: NONE



3 VAPOR BARRIER EDGE DETAIL AT FREEZER
SCALE: NONE

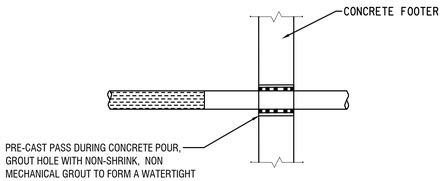


4 DETAIL AT HEADER
SCALE: NONE

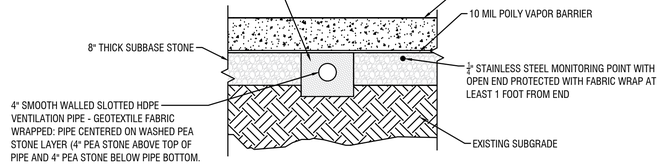


NOTES:
1. SEAL ALL PENETRATIONS AND GAPS WITH AN ELASTOMERIC JOINT SEALANT.

5 TYPICAL VERTICAL PIPE PENETRATION
SCALE: NONE

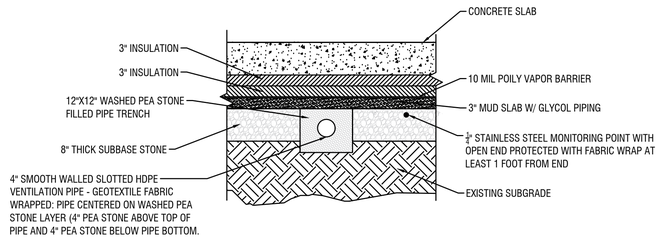


6 TYPICAL HORIZONTAL PIPE PENETRATION
SCALE: NONE



NOTES:
1. PERFORATED CAP AT EACH VAPOR COLLECTION PIPE TERMINATION.
2. ALL SOLID PIPING SLOPED FROM RISER PIPE BACK TOWARDS PERFORATED PIPING 1/4-INCH PER FOOT TO ALLOW FOR DRAINAGE.
3. PEA STONE CONSISTS OF WASHED MATERIAL THAT WILL PASS THROUGH A 2-INCH SIEVE AND BE RETAINED BY A 1/4-INCH SIEVE.

7 MATERIAL PROFILE: NON–FREEZER FLOOR AREA
SCALE: NONE



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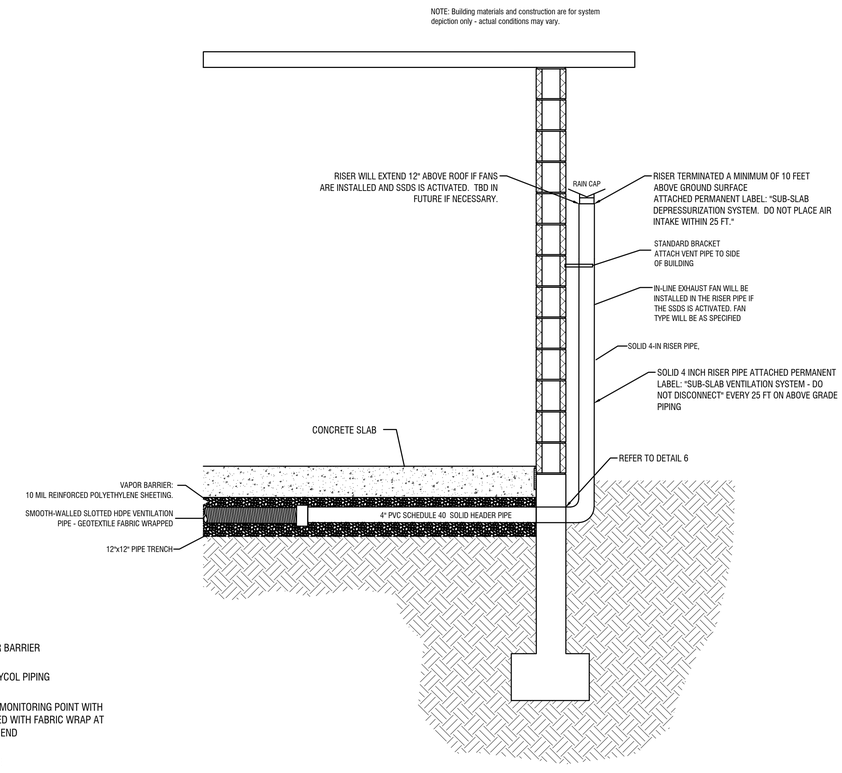
10 MATERIAL PROFILE: FREEZER FLOOR AREA
SCALE: NONE

NOTE: Building materials and construction are for system depiction only - actual conditions may vary.



NOTE:
1. REFER TO OTHER DRAWINGS FOR SLAB, FOOTER, WALL AND ROOF DETAILS.

8 RISER PROFILE
SCALE: NONE

NO.	REVISION	BY	DATE
:	:	:	:
:	:	:	:
:	:	:	:
:	:	:	:
:	:	:	:
:	:	:	:

STATE OF NEW YORK — DANIEL P. NOLL — No. 093180 — LICENSED PROFESSIONAL ENGINEER

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Contractors Engineers Developers

The Krog Group
4 Centre Drive, Orchard Park, New York 14127
716-667-1324 Fax: 667-1326

PROJECT/CLIENT
FORMER EDGEWOOD WAREHOUSE SITE
NYSDEC BCP #C907032
320 SOUTH ROBERTS ROAD
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DUNKIRK, NY

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SUB-SLAB DEPRESSURIZATION SYSTEM AS BUILT DETAILS

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DATE: SEPTEMBER 2019

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PROJECT/DRAWING NUMBER
2171946

ENV-101

ATTACHMENT 2

Field Sampling Log

Supplemental Indoor Air Sampling
320 South Roberts Road, Dunkirk, New York
Field Sampling Log

Sample ID	ID-1	ID-2	ID-3	ID-4	ID-5	ID-6	ID-7	OD-1 Train	OD-2 Road
Location	North Freezer ①	North Freezer ②	South Freezer ①	South Freezer ②	Staging AREA	M. Room	lunch Room	Exterior NW	Exterior NE
Date	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020	11/4/2020
Canister Number	2183	3424	2362	196	139	2309	372	114	556
Regulator Number	01355	01422	0970	0930	0330	01732	01280	0149	0246
Start Time	08 37	0830	0900	0845	0848	0849	0858	0839	0842
Reading (inHg)	-29.83	-29.88	-29.88	-29.88	-29.88	-29.88	-29.88	-29.88	-29.88
End Time	1251	425	406	408	420	443	309	430	430
Reading (inHg)	-3.97	-8.55	-5.88	-6.58	-4.39	-10.34	-5.87	-9.56	-11.54

-Date: 11/04/2020
-Temperature: °F

Exterior temp = 65°F
Freezer temp = -20°F
Staging Area temp = -20°F
M. Room = 0°F
lunch room = 65°F

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ATTACHMENT 3

Laboratory Analytical Report

ANALYTICAL REPORT

Lab Number:	L2048654
Client:	LaBella Associates, P.C. 300 Pearl Street Suite 252 Buffalo, NY 14202
ATTN:	Andy Benkleman
Phone:	(716) 551-6281
Project Name:	FORMER EDGEWOOD WAREHOUSE SITE
Project Number:	2203235
Report Date:	11/16/20

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com

Project Name: FORMER EDGEWOOD WAREHOUSE SITE
Project Number: 2203235

Lab Number: L2048654
Report Date: 11/16/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2048654-01	ID-1	AIR	300 ROBERTS RD. DUNKIRK	11/04/20 12:51	11/05/20
L2048654-02	ID-2	AIR	300 ROBERTS RD. DUNKIRK	11/04/20 16:25	11/05/20
L2048654-03	ID-3	AIR	300 ROBERTS RD. DUNKIRK	11/04/20 16:06	11/05/20
L2048654-04	ID-4	AIR	300 ROBERTS RD. DUNKIRK	11/04/20 16:08	11/05/20
L2048654-05	ID-5	AIR	300 ROBERTS RD. DUNKIRK	11/04/20 16:20	11/05/20
L2048654-06	ID-6	AIR	300 ROBERTS RD. DUNKIRK	11/04/20 16:43	11/05/20
L2048654-07	ID-7	AIR	300 ROBERTS RD. DUNKIRK	11/04/20 15:09	11/05/20
L2048654-08	OD-1	AIR	300 ROBERTS RD. DUNKIRK	11/04/20 16:30	11/05/20
L2048654-09	OD-2	AIR	300 ROBERTS RD. DUNKIRK	11/04/20 16:30	11/05/20

Project Name:	FORMER EDGEWOOD WAREHOUSE SITE	**Lab Number:**	L2048654
Project Number:	2203235	**Report Date:**	11/16/20

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	FORMER EDGEWOOD WAREHOUSE SITE	**Lab Number:**	L2048654
Project Number:	2203235	**Report Date:**	11/16/20

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on October 30, 2020. The canister certification results are provided as an addendum.

Sample Receipt

The flow controller ID number for the sample designated OD-1 (L2048654-08) is listed on the CoC as 0149 but should be 01409.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 11/16/20

AIR

Project Name: FORMER EDGEWOOD WAREHOUSE SITE
Project Number: 2203235
Lab Number: L2048654
Report Date: 11/16/20

SAMPLE RESULTS

Lab ID: L2048654-01
Client ID: ID-1
Sample Location: 300 ROBERTS RD. DUNKIRK

Date Collected: 11/04/20 12:51
Date Received: 11/05/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/13/20 19:33
Analyst: EW

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	0.037	0.020	--	0.147	0.079	--		1
1,1,1-Trichloroethane	0.108	0.020	--	0.589	0.109	--		1
Trichloroethene	0.111	0.020	--	0.597	0.107	--		1
Tetrachloroethene	0.028	0.020	--	0.190	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	97		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	94		60-140

Project Name: FORMER EDGEWOOD WAREHOUSE SITE
Project Number: 2203235
Lab Number: L2048654
Report Date: 11/16/20

SAMPLE RESULTS

Lab ID: L2048654-02
Client ID: ID-2
Sample Location: 300 ROBERTS RD. DUNKIRK

Date Collected: 11/04/20 16:25
Date Received: 11/05/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/13/20 20:52
Analyst: EW

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	0.062	0.020	--	0.246	0.079	--		1
1,1,1-Trichloroethane	0.176	0.020	--	0.960	0.109	--		1
Trichloroethene	0.224	0.020	--	1.20	0.107	--		1
Tetrachloroethene	0.056	0.020	--	0.380	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	99		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	96		60-140

Project Name: FORMER EDGEWOOD WAREHOUSE SITE
Project Number: 2203235
Lab Number: L2048654
Report Date: 11/16/20

SAMPLE RESULTS

Lab ID: L2048654-03
Client ID: ID-3
Sample Location: 300 ROBERTS RD. DUNKIRK

Date Collected: 11/04/20 16:06
Date Received: 11/05/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/13/20 21:31
Analyst: EW

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	0.070	0.020	--	0.278	0.079	--		1
1,1,1-Trichloroethane	0.218	0.020	--	1.19	0.109	--		1
Trichloroethene	0.105	0.020	--	0.564	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	98		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	95		60-140

Project Name: FORMER EDGEWOOD WAREHOUSE SITE
Project Number: 2203235
Lab Number: L2048654
Report Date: 11/16/20

SAMPLE RESULTS

Lab ID: L2048654-04
Client ID: ID-4
Sample Location: 300 ROBERTS RD. DUNKIRK

Date Collected: 11/04/20 16:08
Date Received: 11/05/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/13/20 22:10
Analyst: EW

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	0.072	0.020	--	0.285	0.079	--		1
1,1,1-Trichloroethane	0.218	0.020	--	1.19	0.109	--		1
Trichloroethene	0.129	0.020	--	0.693	0.107	--		1
Tetrachloroethene	0.022	0.020	--	0.149	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	96		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	93		60-140

Project Name: FORMER EDGEWOOD WAREHOUSE SITE
Project Number: 2203235
Lab Number: L2048654
Report Date: 11/16/20

SAMPLE RESULTS

Lab ID: L2048654-05
Client ID: ID-5
Sample Location: 300 ROBERTS RD. DUNKIRK

Date Collected: 11/04/20 16:20
Date Received: 11/05/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/13/20 22:49
Analyst: EW

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	0.086	0.020	--	0.341	0.079	--		1
1,1,1-Trichloroethane	0.214	0.020	--	1.17	0.109	--		1
Trichloroethene	0.206	0.020	--	1.11	0.107	--		1
Tetrachloroethene	0.048	0.020	--	0.325	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	96		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	94		60-140

Project Name: FORMER EDGEWOOD WAREHOUSE SITE
Project Number: 2203235
Lab Number: L2048654
Report Date: 11/16/20

SAMPLE RESULTS

Lab ID: L2048654-06
Client ID: ID-6
Sample Location: 300 ROBERTS RD. DUNKIRK

Date Collected: 11/04/20 16:43
Date Received: 11/05/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/13/20 23:29
Analyst: EW

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	0.151	0.020	--	0.599	0.079	--		1
1,1,1-Trichloroethane	0.049	0.020	--	0.267	0.109	--		1
Trichloroethene	0.151	0.020	--	0.812	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	93		60-140

Project Name: FORMER EDGEWOOD WAREHOUSE SITE
Project Number: 2203235
Lab Number: L2048654
Report Date: 11/16/20

SAMPLE RESULTS

Lab ID: L2048654-07
Client ID: ID-7
Sample Location: 300 ROBERTS RD. DUNKIRK

Date Collected: 11/04/20 15:09
Date Received: 11/05/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/14/20 00:08
Analyst: EW

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	0.512	0.020	--	2.03	0.079	--		1
1,1,1-Trichloroethane	2.40	0.020	--	13.1	0.109	--		1
Trichloroethene	1.00	0.020	--	5.37	0.107	--		1
Tetrachloroethene	0.072	0.020	--	0.488	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	95		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	94		60-140

Project Name: FORMER EDGEWOOD WAREHOUSE SITE
Project Number: 2203235
Lab Number: L2048654
Report Date: 11/16/20

SAMPLE RESULTS

Lab ID: L2048654-08
Client ID: OD-1
Sample Location: 300 ROBERTS RD. DUNKIRK

Date Collected: 11/04/20 16:30
Date Received: 11/05/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/13/20 18:14
Analyst: EW

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	93		60-140

Project Name: FORMER EDGEWOOD WAREHOUSE SITE
Project Number: 2203235
Lab Number: L2048654
Report Date: 11/16/20

SAMPLE RESULTS

Lab ID: L2048654-09
Client ID: OD-2
Sample Location: 300 ROBERTS RD. DUNKIRK

Date Collected: 11/04/20 16:30
Date Received: 11/05/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/13/20 18:55
Analyst: EW

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	96		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	94		60-140

Project Name: FORMER EDGEWOOD WAREHOUSE SITE
Project Number: 2203235
Lab Number: L2048654
Report Date: 11/16/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 11/13/20 15:22

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01-09 Batch: WG1434196-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER EDGEWOOD WAREHOUSE SITE

Project Number: 2203235

Lab Number: L2048654

Report Date: 11/16/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-09 Batch: WG1434196-3								
Vinyl chloride	76		-		70-130	-		25
1,1-Dichloroethene	78		-		70-130	-		25
cis-1,2-Dichloroethene	85		-		70-130	-		25
1,1,1-Trichloroethane	116		-		70-130	-		25
Trichloroethene	88		-		70-130	-		25
Tetrachloroethene	81		-		70-130	-		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: FORMER EDGEWOOD WAREHOUSE SITE
Project Number: 2203235

Lab Number: L2048654
Report Date: 11/16/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1434196-5 QC Sample: L2048654-01 Client ID: ID-1						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	0.037	0.036	ppbV	3		25
1,1,1-Trichloroethane	0.108	0.105	ppbV	3		25
Trichloroethene	0.111	0.110	ppbV	1		25
Tetrachloroethene	0.028	0.030	ppbV	7		25

Project Name: FORMER EDGEWOOD WAREHOUSE SITE **Lab Number:** L2048654

Project Number: 2203235 **Report Date:** 11/16/20

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2048654-01	ID-1	01355	Flow 5	10/30/20	334663		-	-	-	Pass	4.5	3.8	17
L2048654-01	ID-1	2183	2.7L Can	10/30/20	334663	L2046592-04	Pass	-29.3	-3.6	-	-	-	-
L2048654-02	ID-2	01422	Flow 5	10/30/20	334663		-	-	-	Pass	4.5	4.2	7
L2048654-02	ID-2	3424	2.7L Can	10/30/20	334663	L2046592-04	Pass	-29.4	-8.0	-	-	-	-
L2048654-03	ID-3	0970	Flow 5	10/30/20	334663		-	-	-	Pass	4.5	4.1	9
L2048654-03	ID-3	2362	2.7L Can	10/30/20	334663	L2046592-04	Pass	-29.4	-3.0	-	-	-	-
L2048654-04	ID-4	0930	Flow 5	10/30/20	334663		-	-	-	Pass	4.5	4.0	12
L2048654-04	ID-4	196	2.7L Can	10/30/20	334663	L2046592-04	Pass	-29.4	-5.3	-	-	-	-
L2048654-05	ID-5	0330	Flow 5	10/30/20	334663		-	-	-	Pass	4.5	4.1	9
L2048654-05	ID-5	139	2.7L Can	10/30/20	334663	L2046592-04	Pass	-29.2	-3.2	-	-	-	-
L2048654-06	ID-6	01732	Flow 5	10/30/20	334663		-	-	-	Pass	4.5	3.9	14
L2048654-06	ID-6	2309	2.7L Can	10/30/20	334663	L2046592-04	Pass	-29.4	-10.4	-	-	-	-
L2048654-07	ID-7	01280	Flow 5	10/30/20	334663		-	-	-	Pass	4.5	4.3	5
L2048654-07	ID-7	372	2.7L Can	10/30/20	334663	L2046592-04	Pass	-29.2	-6.2	-	-	-	-
L2048654-08	OD-1	01409	Flow 5	10/30/20	334663		-	-	-	Pass	4.5	4.1	9

Project Name: FORMER EDGEWOOD WAREHOUSE SITE

Lab Number: L2048654

Project Number: 2203235

Report Date: 11/16/20

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2048654-08	OD-1	114	2.7L Can	10/30/20	334663	L2046592-04	Pass	-29.1	-11.3	-	-	-	-
L2048654-09	OD-2	0246	Flow 5	10/30/20	334663		-	-	-	Pass	4.5	4.2	7
L2048654-09	OD-2	556	2.7L Can	10/30/20	334663	L2046592-04	Pass	-29.3	-9.2	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2046592
Report Date: 11/16/20

Air Canister Certification Results

Lab ID: L2046592-04
Client ID: CAN 382 SHELF 8
Sample Location:

Date Collected: 10/26/20 16:00
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/28/20 19:20
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2046592
Report Date: 11/16/20

Air Canister Certification Results

Lab ID: L2046592-04
Client ID: CAN 382 SHELF 8
Sample Location:

Date Collected: 10/26/20 16:00
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2046592
Report Date: 11/16/20

Air Canister Certification Results

Lab ID: L2046592-04
Client ID: CAN 382 SHELF 8
Sample Location:

Date Collected: 10/26/20 16:00
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2046592
Report Date: 11/16/20

Air Canister Certification Results

Lab ID: L2046592-04
Client ID: CAN 382 SHELF 8
Sample Location:

Date Collected: 10/26/20 16:00
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2046592

Project Number: CANISTER QC BAT **Report Date:** 11/16/20

Air Canister Certification Results

Lab ID: L2046592-04
Client ID: CAN 382 SHELF 8
Sample Location:

Date Collected: 10/26/20 16:00
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	93		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2046592
Report Date: 11/16/20

Air Canister Certification Results

Lab ID: L2046592-04
Client ID: CAN 382 SHELF 8
Sample Location:

Date Collected: 10/26/20 16:00
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/28/20 19:20
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2046592
Report Date: 11/16/20

Air Canister Certification Results

Lab ID: L2046592-04
Client ID: CAN 382 SHELF 8
Sample Location:

Date Collected: 10/26/20 16:00
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2046592
Report Date: 11/16/20

Air Canister Certification Results

Lab ID: L2046592-04
Client ID: CAN 382 SHELF 8
Sample Location:

Date Collected: 10/26/20 16:00
Date Received: 10/27/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	89		60-140
bromochloromethane	86		60-140
chlorobenzene-d5	91		60-140

Project Name: FORMER EDGEWOOD WAREHOUSE SITE
Project Number: 2203235

Lab Number: L2048654
Report Date: 11/16/20

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2048654-01A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-SIM(30)
L2048654-02A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-SIM(30)
L2048654-03A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-SIM(30)
L2048654-04A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-SIM(30)
L2048654-05A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-SIM(30)
L2048654-06A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-SIM(30)
L2048654-07A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-SIM(30)
L2048654-08A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-SIM(30)
L2048654-09A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	FORMER EDGEWOOD WAREHOUSE SITE	**Lab Number:**	L2048654
Project Number:	2203235	**Report Date:**	11/16/20

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	FORMER EDGEWOOD WAREHOUSE SITE	**Lab Number:**	L2048654
Project Number:	2203235	**Report Date:**	11/16/20

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the reporting limit (RL) for the sample.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Report Format: Data Usability Report

Project Name:	FORMER EDGEWOOD WAREHOUSE SITE	**Lab Number:**	L2048654
Project Number:	2203235	**Report Date:**	11/16/20

Data Qualifiers

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: Data Usability Report

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
EPA TO-12 Non-methane organics
EPA 3C Fixed gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

AIR ANALYSIS

CHAIN OF CUSTODY

PAGE ____ OF ____

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 11/6/20

ALPHA Job #: L2048654

Client Information

Client: LaBella Associates

Address: 300 Pearl Street Suite 130, Buffalo, NY 14202

Phone: 716 551 6281

Fax:

Email: abenkleman@labellapc.com

❑ These samples have been previously analyzed by Alpha

Project Information

Project Name: Former Edgewood Warehouse Site

Project Location: 300 Roberts Rd. Dunkirk

Project #: 2203235

Project Manager: Andy Benkleman

ALPHA Quote #:

Turn-Around Time

☒ Standard ❑ RUSH (only confirmed if pre-approved!)

Date Due: Time:

Report Information - Data Deliverables

❑ FAX
❑ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
❑ EMAIL (standard pdf report)
❑ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ❑

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15 (See Comments)	TO-15 SIM	APH	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
48654-01	ID-1	11/4/20	0837	1251	-29.88	-3.97	Air	HG	2.7	2185	01555	x					For TO-15 sample for:
02	ID-2	11/4/20	0830	1625	↓	-8.55	↓	HG	2.7	3424	01422	x					1,1-Dichloroethene
03	ID-3	11/4/20	0900	1606	↓	-5.88	↓	HG	2.7	2562	0970	x					Cis-1,2-Dichloroethene
04	ID-4	11/4/20	0845	1608	↓	-6.58	↓	HG	2.7	196	0950	x					Trichloroethene
05	ID-5	11/4/20	0848	1620	↓	-4.39	↓	HG	2.7	139	0330	x					1,1,1-Trichloroethene
06	ID-6	11/4/20	0849	1643	↓	-10.34	↓	HG	2.7	2309	01752	x					Tetrachloroethene
07	ID-7	11/4/20	0858	1509	↓	-5.87	↓	HG	2.7	372	01280	x					Vinyl Chloride
08	OD-1	11/4/20	0839	1630	↓	-9.56	↓	HG	2.7	114	0149	x					
09	OD-2	11/4/20	0842	1630	↓	-11.54	↓	HG	2.7	556	0246	x					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
[signature]		[signature]	11/5 1537
[signature]	11/6/20 4:30	[signature]	11/6/20 0430
[signature]	11/6/20 0600	[signature]	11/6/20 0600

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Form No: 101-02 (25-Sep-15)

ATTACHMENT 4

NYSDOH Indoor Air Quality Questionnaire and Building Inventory

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Heather Geoghegan Date/Time Prepared 11/4/2020; 1000

Preparer's Affiliation LaBella Associates Phone No. 716.551.6281

Purpose of Investigation Evaluate the effectiveness of SSDS

1. OCCUPANT:

Interviewed: **Y** / N

Last Name: Andrea First Name: Baldwin

Address: 320 South Roberts Road, Dunkirk New York

County: Chautauqua

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: Y / **N**

Last Name: Krog II First Name: Peter

Address: 4 Centre Drive Orchard Park, New York

County: Erie

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	Commercial/Multi-use
Industrial	Church	Other: Warehouse freezer storage

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) Warehouse storage freezer

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age 1 year

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

The building consists of a slab foundation. No visible airflow between floors.

Airflow near source

Outdoor air infiltration

No visible outdoor air infiltration

Infiltration into air ducts

No visible infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full	crawlspace	slab	other _____
c. Basement floor:	concrete	dirt	stone	other _____
d. Basement floor:	uncovered	covered	covered with _____	
e. Concrete floor:	unsealed	sealed	sealed with _____	
f. Foundation walls:	poured	block	stone	other _____
g. Foundation walls:	unsealed	sealed	sealed with _____	
h. The basement is:	wet	damp	dry	moldy
i. The basement is:	finished	unfinished	partially finished	
j. Sump present?	Y / N			
k. Water in sump?	Y / N / not applicable			

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

No visible potential soil vapor entry points

_____

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: _____

Boiler/furnace located in:	Basement	Outdoors	Main Floor	Other_____
Air conditioning:	Central Air	Window units	Open Windows	None

Are there air distribution ducts present? Y / N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

_____

_____

_____

_____

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	_____
1st Floor	Slab foundation; one floor freezer warehouse
2nd Floor	_____
3rd Floor	_____
4th Floor	_____

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / N

b. Does the garage have a separate heating unit? Y / N / NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / NA Please specify_____

d. Has the building ever had a fire? Y / N When?_____

e. Is a kerosene or unvented gas space heater present? Y / N Where? _____

f. Is there a workshop or hobby/craft area? Y / N Where & Type? work area

g. Is there smoking in the building? Y / N How frequently? _____

h. Have cleaning products been used recently? Y / N When & Type? handsanitizer/ Cleaning products

i. Have cosmetic products been used recently? Y / N When & Type? _____

j. Has painting/staining been done in the last 6 months? Y / N Where & When? _____

k. Is there new carpet, drapes or other textiles? Y / N Where & When? _____

l. Have air fresheners been used recently? Y / N When & Type? _____

m. Is there a kitchen exhaust fan? Y / N If yes, where vented? No kitchen

n. Is there a bathroom exhaust fan? Y / N If yes, where vented? _____

o. Is there a clothes dryer? Y / N If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y / N When & Type? _____

Are there odors in the building? Y / N
If yes, please describe: _____

Do any of the building occupants use solvents at work? Y / N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) No
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Y / N Date of Installation: Fall/Winter 2019
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: Public Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

Refer to attached diagrams of building

First Floor:

12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
	Hand Sanitizer		Located in the Office Area and Loading Dock Area			
	Cleaning Chemicals			On cart Located in Janitor Closet		
	A janitorial service was cleaning the office area not including the break room. Cleaning was initiated shortly prior to the termination of the sample within the break room.					

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.