April 15, 2105

Mr. David P. Locey
Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 9
270 Michigan Avenue
Buffalo, New York 14203-2999

Re: Final RI/IRM/AA Work Plan
3021 Orchard Park Road Site (C915289)
Orchard Park, New York

Dear Mr. Locey:

On behalf of our clients, 3021-3041 Orchard Park Road, LLC and CCS Oncology P.C., Benchmark Environmental Engineering and Science, PLLC, and TurnKey Environmental Restoration, LLC (Benchmark TurnKey) has prepared the enclosed Draft Remedial Investigation/Alternatives Analysis (RI/AA) Report for your files. A complete electronic copy of the Report is included on the CD in Appendix J of the hard copy. Upon your review, comment, and approval, one hard copy (with electronic version on CD) will be placed at the Orchard Park Branch of the Buffalo & Erie County Public Library system for public review.

Please do not hesitate to contact me with any questions.

Sincerely,
TurnKey Environmental Restoration, LLC

Bryan Hann
Project Manager

ec: P. Hogan (3021-3041 Orchard Park Road, LLC)
C. Jerzewski (CCS Oncology, P.C.)
M. Doster (NYSDEC Region 9)
C. Doroski (NYSDOH)

File: 0304-014-003

2558 Hamburg Turnpike
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Letter of Transmittal

To:	Chris Doroski	Date:	April 15, 2014
	NYSDOH	Project:	**3021 Orchard Park Road Site (C915289)**
	Bureau of Environmental Exposure	Project #:	0304-014-003
	Empire State Plaza, Corning Tower	Re:	RI/AA Report
	Room 1787		
	Albany, NY 12237		

We are sending you: **Attached** ☐ Under separate cover via _____ the following:

☐ Shop Drawings	☒ Other – RI/AA Report
☐ Specifications	☐ Sketches
☐ Prints	☐ Brochures
☐ Subcontract Agreement	☐ Laboratory Analytical Data Summary Package

Copies	Prepared By	Reference No.	Description
1	BCH	0304-014-003	1 CD with RI/AA Report
			(includes all Appendices)

These are transmitted as checked below:

☐ As requested	☐ Approved	☐ Resubmit ___ copies for approval
☒ For your use	☐ Approved as corrected	☐ Submit ____ for distribution
☒ For review & Comment	☐ Revise & Resubmit	☐ Return ____ corrected prints
☐ For your information	☐ Not Approved	☐ Please Comment

Remarks:

Chris,

Please find included the 3021 Orchard Park Road Site (C915289) Final Remedial Investigation/Alternatives Analysis (RI/AA) Report for your review and comment. The version on the CD is the entire report and includes all tables, figures, and appendices.

Feel free to call me with any questions.

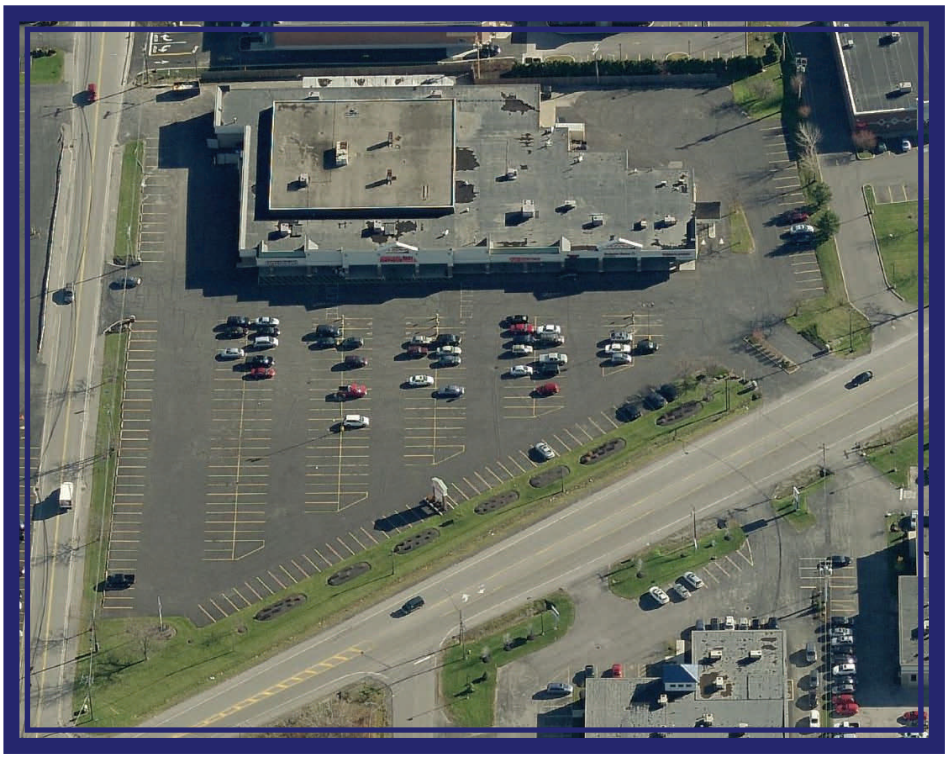
C: file

From: Bryan Hann

Remedial Investigation/ Alternatives Analysis Report

3021 Orchard Park Road Site
Orchard Park, New York
BCP Site No. C915289

April 2015 0304-014-003



TurnKey Environmental Restoration, LLC

Benchmark Environmental Engineering & Science, PLLC

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REMEDIAL INVESTIGATION/ ALTERNATIVES ANALYSIS REPORT

3021 ORCHARD PARK ROAD SITE
BCP SITE NO. C915289
ORCHARD PARK, NEW YORK

April 2015 0304-014-003

Prepared for:

3021-3041 Orchard Park Road LLC
1925 Kensington Avenue
Buffalo, New York 14215

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RI/AA REPORT
3021 Orchard Park Road Site
BCP Site No. C915289

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Appendix H	NYSDEC Contained-In Determination Letter
Appendix I	Statistical Analysis for Site-Specific Arsenic
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RI/AA REPORT

3021 Orchard Park Road Site

BCP Site No. C915289

Certification

I, Thomas H. Forbes, certify that I am currently a NYS registered Professional Engineer as defined in 6 NYCRR Part 375 and that this RI/AA Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.

_____

Signature of Environmental Professional

Seal

1.0 INTRODUCTION

3021-3041 Orchard Park Road LLC and CCS Oncology, P.C., have elected to pursue cleanup and redevelopment of the 3021 Orchard Park Road Site under the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP). The parties were accepted into the BCP as Co-Applicants with "Volunteer" status and entered into a Brownfield Cleanup Agreement (BCA) with NYSDEC on November 7, 2014 (BCP Site No. C915289).

1.1 Purpose and Scope

This Remedial Investigation/Alternatives Analysis (RI/AA) Report has been prepared by Benchmark Environmental Engineering and Science, PLLC, in association with TurnKey Environmental Restoration, LLC (Benchmark TurnKey), on behalf of the Co-Applicants to present historic and recent RI findings, describe environmental conditions across the Site, and evaluate remedial alternatives for the Site.

This RI/AA Report contains the following sections.

- Section 1.2 presents a description of the Site.
- Section 1.3 summarizes the Site's environmental history.
- Section 1.4 presents the Constituents of Potential Concern (COPCs) at the Site.
- Section 1.5 summarizes the RI field work activities.
- Section 2.0 describes the Site's natural physical characteristics and remaining infrastructure.
- Section 3.0 presents a discussion of the RI sampling and methodology.
- Section 4.0 presents the RI findings.
- Section 5.0 describes potential chemical constituent migration pathways.
- Section 6.0 provides a qualitative human health exposure assessment, and fish and wildlife resources impact assessment.
- Section 7.0 develops remedial action objectives; evaluates the future use of the Site; develops and screens remedial alternatives; and presents the preferred remedial alternative for the Site.
- Section 8.0 identifies post-remedial requirements that will be followed to assure the efficacy of the remedy.

- Section 9.0 lists the cited references.

1.2 Site Description

The Site is comprised of an approximate 5.06-acre parcel located at 3021-3041 Orchard Park Road in the Town of Orchard Park, Erie County, New York, and identified as Erie County Tax Map SBL #152.12-02-1.1 (see Figures 1 and 2). The Site is bound by Michael Road and commercial properties (Strikers Bowling and Sports Bar and Grill, Pappas Restaurant, Josie's Women's Fashion & Accessories, Player's Sports, All About Hair & Nails Salon, and Southtowns Physical Therapy) to the north; Walgreens and KeyBank to the east; Rite Aid to the South; and Orchard Park Road, and health/dental offices (Vascular Associates of Western New York and Inspire Dental Group) to the west. The Site is improved with a commercial multi-unit shopping plaza and associated parking (see Figure 2). The existing building currently contains seven units identified by address as follows (see Figure 3):

- 3025 – Currently Vacant – Former Tops/Antique Mall
- 3027 – Existing Family Dollar
- 3031 – Currently Vacant –Former CVS Pharmacy
- 3035 – Currently Vacant –Former Hair Salon/Dry Cleaner
- 3037 – Currently Vacant –Former Paint Shop
- 3039 – Currently Vacant –Former Dry Cleaner/Insty-Prints Printing Center
- 3041 – Existing Credit Union

1.3 Site Environmental History

Previous investigations included a Phase I Environmental Site Assessment (ESA) and a Limited and Focused Subsurface Soil and Groundwater Investigation by LCS in October 2013 and May 2014, respectively. To supplement the findings of the LCS reports, Benchmark TurnKey conducted a Supplemental Phase II Environmental Investigation in June 2014. As part of the site redevelopment, a geotechnical investigation was performed in November 2014. The following assessments and investigations have been completed on the Site and are included in Appendix A.

1.3.1 Phase I ESA & Subsurface Soil & Groundwater Investigation

The former use of the property as a dry cleaner from 1979-2008 was identified as a recognized environmental condition in a Phase I ESA performed by LCS, Inc. (LCS) dated October 10, 2013 (Ref. 1). In order to evaluate Site soil and groundwater quality, a Limited and Focused Subsurface Soil and Groundwater Investigation was performed at the Site by LCS and detailed in a Report dated May 14, 2014 (Ref. 2). The investigation included the advancement of nine soil borings (BH-1 through BH-9), six of which were converted into temporary monitoring wells (TPMW-1 through TPMW-6).

The investigation identified photoionization detector (PID) measurements above background concentrations (i.e., 0.0 parts per million, ppm) at 53 of the 63 soil samples collected and characterized several of the borings as having "solvent-type" odors. Groundwater samples collected from the temporary monitoring wells identified chlorinated volatile organic compounds (cVOCs) including tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), and vinyl chloride (VC) at concentrations above the NYSDEC Class GA Groundwater Standards/Guidance Values (GWQSs/GVs) (6NYCRR Part 703) on the southeastern portion of the property. None of the soil samples submitted for laboratory analysis by LCS contained VOCs or cVOCs in exceedance of the 6NYCRR Part 375 Protection of Groundwater or Commercial Soil Cleanup Objectives (SCOs). The Report recommended additional investigation to assess the vertical and horizontal extent of cVOC impacts identified in soil and groundwater as well as a vapor intrusion study beneath the existing building to evaluate impacts to indoor air quality. LCS borings are shown on Figure 4.

1.3.2 Supplemental Phase II Environmental Investigation

In June 2014, Benchmark TurnKey conducted a Supplemental Phase II Environmental Investigation (Ref. 3). The Phase II Investigation included the advancement of six shallow interior soil borings through the existing concrete floor (SB-1 through SB-6), installation of five exterior temporary monitoring wells (BH-11/TPMW-7 through BH-14/TPMW-11), and collection of sub-slab vapor, indoor air, and outdoor air samples. Investigation locations are shown on Figure 4. The Phase II Report identified the following:

- One temporary monitoring well (TPMW-11) installed adjacent to the southeast corner of the building contained elevated concentrations of cVOCs (PCE, TCE,

cis-1,2-DCE, and VC) above the GWQSs/GVs. Although benzene was detected at a concentration slightly above the GWQS at this location, it was not identified in any other groundwater sample and is therefore considered to be a localized impact and not a constituent of concern.

- Two of the interior soil samples collected contained elevated concentrations of PCE above the Part 375 Protection of Groundwater SCOs.
- The sub-slab vapor and indoor air samples for all cVOCs were assessed by the NYSDOH Soil Vapor Intrusion Guidance matrices (Ref. 4). Based on the concentrations of PCE and carbon tetrachloride, the matrices recommended: "take reasonable and practical actions to identify source(s) and reduce exposures" and "monitor soil vapor/indoor air," respectively.

Based on the above findings, the Benchmark TurnKey Phase II Report recommended the following:

- Remediation of impacted soil identified within the building to mitigate contributions to sub-slab vapor intrusion and/or further degradation of groundwater quality and minimize health and environmental risk if exposed during building renovation work or demolition.
- In-situ groundwater remediation in the area east of the former drycleaner.
- Installation and operation of a sub-slab depressurization system within the building to protect current and future occupants from potential sub-slab vapor intrusion.

1.3.3 Geotechnical Investigation

On November 10 and 11, 2014, EmpireGeo Services, Inc. (EmpireGEO) performed a geotechnical investigation of southeastern corner of the existing building in preparation for a facility addition in that location (Ref. 5). The geotechnical site evaluation included the advancement of five geotechnical borings, identified by EmpireGEO as B-4 through B-8. (Three additional borings, designated as B-1 through B-3, where initially proposed for another building addition but were subsequently eliminated from the scope of the investigation and geotechnical evaluation.) Benchmark TurnKey personnel were present during geotechnical drilling activities to ensure the work was performed in accordance with the BCA and DER-10. As such, EmpireGEO boring IDs were re-labeled by Benchmark TurnKey to maintain consistent nomenclature with the planned RI. The re-named EmpireGEO borings (shown parenthetically), that will be referenced as such going forward,

included: B-1 (B-6), B-2 (B-8), B-3 (B-7), B-4 (B-5), and B-5 (B-4). Boring locations identified per Benchmark TurnKey nomenclature are presented on Figure 4.

In addition to the geotechnical nature of the investigation, Benchmark TurnKey collected a waste characterization composite sample from borings B-3 (B-7) and B-4 (B-5) and two subsurface soil samples from borings B-1 (B-6) and B-5 (B-4); the results of which are discussed in Section 4.0 of this Report.

All five test borings were advanced through unconsolidated overburden to split spoon and auger refusal (assumed top of bedrock), which ranged between 16.4 and 21.6 feet below ground surface (fbgs). At refusal, boring B-1 (B-6) was cored into bedrock approximately 5 feet using an NQ 2 size double tube core barrel. Boring logs were prepared and are presented in the geotechnical report (see Appendix A).

Unconsolidated overburden at the Site, in order of depth from ground surface, included: asphalt (approximately 2 to 3 inches); asphalt subgrade material (approximately 2 to 3 feet); miscellaneous fill soils (approximately 2 to 6 feet); native soil consisting predominantly of clayey silt, silty clay, sandy silt, and sand; and highly weathered shale bedrock (suspected Windom Shale). More competent bedrock (auger refusal) was encountered at depths ranging from 16.4 to 21.6 fbgs. Recovered weathered bedrock was described as grey black, soft to medium hard, highly to slightly weathered, thinly bedded shale. Core recovery was approximately 40% with a rock quality designation (RQD) value of 0% indicating very poor rock mass quality.

Depth to groundwater was measured within borings B-3 (B-7) and B-4 (B-5) ranged between 12.7 and 4.8 feet, respectively. EmpireGEO suspected that groundwater did not have sufficient time to reach static conditions when measured at these locations.

1.4 Constituents of Potential Concern (COPCs)

Based on findings of the above-referenced investigations and the historical Site use, the following Constituents of Potential Concern (COPCs) were identified:

- ***Soil:*** cVOCs
- ***Groundwater:*** cVOCs
- ***Soil Vapor:*** cVOCs

1.5 Summary of Field Work Activities

Field activities performed to complete the work described herein were conducted by Benchmark TurnKey in accordance with the approved RI Work Plan (Ref. 6). Field activities included: Geoprobe drilling; monitoring well installation, development, and sampling; subslab vapor sampling; and storm water underdrain assessment and sampling. The details of each work element are presented in this Report.

2.0 SITE PHYSICAL CHARACTERISTICS

2.1 Site Topography and Drainage

The Site topography slopes gently to the north-northeast. The surface of the Site is covered with an asphalt parking lot and perimeter landscaped vegetation. Precipitation (i.e., rain or melting snow) discharges to stormwater catch basins located within the parking lot and Michael Road to the north, and to the subsurface via infiltration within landscaped areas and a vegetated swale located on the western and northern edges of the property. Surface and shallow groundwater flow is affected by the existing underdrain system, as well as underground utility lines and the building foundation.

2.2 Geology & Hydrogeology

2.2.1 Unconsolidated Overburden

The Site is located within the Erie-Ontario lake plain physiographic province, which is typified by little topographic relief and gentle slope toward Lake Erie, except in the immediate vicinity of major drainage ways (Ref. 7). The surficial geology of the Lake Erie Plain consists of a thin glacial till (if present), glaciolacustrine deposits, recent alluvium, and the soils derived from these deposits. Subsurface investigations described the overburden soil as a sandy lean clay (till), which is consistent with the New York State Surficial Geologic Map of New York (Ref. 8). The U.S. Department of Agriculture (USDA) Soil Conservation Service soil survey map of Erie County shows the Site located mostly within a Remsen silty clay loam with 0-3% slopes (RfA) and partially within a Canandaigua silt loam (Cc) (Ref. 9). The majority of the Site is covered with asphalt parking and the one-story building. Surface soil only exists in vegetated green space within the easement areas along Orchard Park and Michael Roads.

The geology and hydrogeology of the Site was investigated as part of the RI activities. The native overburden soils across the Site consist of Sandy Lean Clay.

2.2.2 Bedrock

Bedrock observed beneath the Site during the RI was identified as the Hamilton Group. Bedrock of the Hamilton Group is a Middle Devonian age bedrock that consists

mostly of dark gray/black shales and thin silty limestones, and usually quite fossiliferous with many calcareous concretions (Ref. 10). The Hamilton Group is thickest toward southeastern New York State; over 1,000 feet south of Syracuse; 500 feet in the Finger Lakes; and approximately 220 feet south of Buffalo. The Hamilton Group consists of four formations: the Marcellus (oldest) (Dhmr), Skaneateles (Dhsk), Ludlowville (Dhld), and Moscow (Dhmo) Formations. The top of the Hamilton Group is distinct and is drawn at the base of the black shales of the Geneseo Shale Member of the Genesee Group, a finely laminated, black petroliferous shale. Specifically, the bedrock (weathered and competent) observed during the RI is identified as the Windom Shale of the Moscow Formation.

The depth to bedrock determined during the RI was approximately 11.5 (MW-1B) to 17.0 fbgs (MW-2B and MW-3B). Bedrock observed during the RI was described as a very weathered, fissile shale unit followed by a more competent shale bedrock unit. The weathered shale unit was approximately 3.0 to 6.5 feet thick.

2.2.3 Hydrogeology

The Site is located in the Erie-Niagara River Basin. In the Erie-Niagara Basin, the major areas of groundwater are within coarser overburden deposits and limestone and shale bedrock. Based on the location and topography of the Site, groundwater would appear to flow toward the East Branch of Smokes Creek approximately 0.3 miles (±1,538 feet) southwest of the Site and/or north toward an intermittent tributary of Cazenovia Creek approximately 0.1 miles (±645 feet) away. Groundwater flow patterns and hydraulic gradient (vertical and horizontal) at the Site are discussed in more detail in Section 3.2.3.

2.3 Climate

Western New York has a cold continental climate with moisture from Lake Erie causing increased precipitation. Average annual precipitation is reportedly 40.5 inches and snowfall is 93.6 inches (Ref. 11) to the northern part of the watershed with over 150 inches per year falling on the southern portion of the watershed. Average monthly temperatures range from 24.5 degrees Fahrenheit in January to 70.8 degrees Fahrenheit in July (Ref. 11). The ground and lakes typically remain frozen from December to March. Winds are generally from the southwest (240 degrees) with a mean velocity of 10 miles per hour (Buffalo Airport, 1999).

2.4 Population and Land Use

The Town of Orchard Park, encompassing 38.52 square miles, has a population of 29,054 (Ref. 12). The Site is located in Census Tract 013701 in the Town of Orchard Park and is zoned Business 2. The Site is located in a moderately developed commercial use area of the Town of Orchard Park.

2.5 Utilities and Groundwater Use

The Site has access to all major public and private utilities, including potable water, sanitary sewer, electric, and natural gas.

Groundwater at the Site is assigned Class "GA" by 6NYCRR Part 701.15. Currently, there are no known deed restrictions on the use of groundwater at the Site and there are no groundwater supply wells on the property. Regionally, groundwater has not been developed for industrial, agriculture, or public supply purposes. Municipal potable water service is provided to the Site and surrounding area by the Erie County Water Authority with water distribution by the Town of Orchard Park Water District 8.

2.6 Wetlands and Floodplains

There are no State or Federal wetlands or floodplains located on the Site. The East Branch of Smoke Creek and two associated perennial ponds are located ±0.3 miles southwest of the Site. An intermittent tributary to Smoke Creek is located ±0.1 miles northeast of the Site. No regulated wetlands are located within a ½-mile radius of the Site.

3.0 REMEDIAL INVESTIGATION APPROACH

The RI was designed to focus on: further defining the nature and extent of contamination within the BCP Site boundary; identifying the source of contamination; defining chemical constituent migration pathways; qualitatively assessing human health and ecological risks (if necessary); and obtaining data of sufficient quantity and quality to evaluate the potential feasibility and efficacy of reasonable remedial alternatives to support a NYSDEC-approvable remedial action plan for the Site.

This section of the Report presents a discussion of the rationale for the data collection program, including the methods employed to collect samples and make field measurements and observations, and the methods used to chemically analyze the environmental samples during the RI. The RI included the following field activities to delineate and characterize on-site soil and assess groundwater quality:

- Visual, olfactory, and PID characterization of subsurface soil through advancement of exploratory borings.
- Collection of subsurface soil samples for analysis of Target Compound List (TCL) plus CP-51 list VOCs, TCL semi-volatile organic compounds (SVOCs), Target Analyte List (TAL) metals, PCBs, pesticides, and herbicides.
- Advancement of on-site soil borings completed as overburden groundwater monitoring wells located at up-gradient (2 wells) and down-gradient (3 wells) BCP Site boundaries.
- Advancement of on-site soil borings completed as bedrock groundwater monitoring wells located at cross-gradient (1 well) and down-gradient (2 wells) BCP Site boundaries.
- Measurement of groundwater levels in all on-site monitoring wells.
- Collection and analysis of groundwater samples from the newly installed monitoring wells for analysis of TCL plus CP-51 list VOCs, TCL SVOCs, TAL metals, PCBs, pesticides, and herbicides. Samples were also analyzed for nitrate, sulfate, total and dissolved iron, manganese, methane, ethene, ethane, and total organic carbon (TOC) to ascertain the appropriate groundwater treatment amendment(s).
- Assessment of the Site underdrain storm sewer system, including catch basin sediment sampling for TCL plus CP-51 list VOCs, TCL SVOCs, TAL metals, and PCBs; and storm water sampling for TCL plus CP-51 VOCs.

RI field activities were conducted by Benchmark TurnKey in accordance with the approved RI Work Plan (Ref. 6). Environmental sample collection was performed in accordance with Benchmark TurnKey's Field Operating Procedures (FOPs); USEPA- and NYSDEC-approved sample collection and handling techniques were used. Samples for chemical analysis were analyzed in accordance with USEPA SW-846 methodology with equivalent NYSDEC Category B deliverables. Analytical results were evaluated by a third-party data validation expert in accordance with provisions described in the RI Work Plan. Each sampling location was surveyed via GPS and plotted on the Site base map. Table 1 summarizes the analytical testing program followed during the RI for soil and sediment sampling. Table 2 summarizes the analytical testing program followed during the RI for groundwater and storm water sampling. Soil vapor samples collected during the RI were analyzed for TO-15 VOCs.

3.1 Soil Investigation

A soil investigation was completed to assess potential impacts related to the historic use of the Site. The soil investigation included the collection of subsurface (0.3 to 22 fbgs) soil samples. Additional focus was placed on the southeastern portion of the property within the planned "Vault Area." This area is slated for construction of a new concrete vault to house a linear accelerator (LINAC) unit, a device used for external beam radiation treatments for cancer patients.

Figure 4 shows the RI soil boring/sample locations for the Site. Appendix B includes the boring logs, photographic log, and community air monitoring program (CAMP) data for the soil investigation.

3.1.1 Subsurface Soil Sampling

A total of 33 subsurface soil exploratory boring locations were advanced during the RI. These subsurface locations were used to supplement the 15 previously completed borings (during the Phase II and Supplemental Phase II Investigations) for a total of 48 subsurface investigation locations.

Borings were either advanced using direct-push or rear-mounted drilling methods with continuous sampling. Geoprobe® borings were advanced from existing grade through unconsolidated overburden to a minimum of 4-feet below the water table or refusal,

whichever occurred first, using direct-push and continuous 4-foot macro-core soil sampling drilling methods. Rear-mounted drill rig borings were advanced from existing grade through unconsolidated overburden to the top of competent bedrock approximately 18.5 fbgs or auger refusal, whichever occurred first, using 4.25-inch I.D. hollow stem augers (HSA) and continuous 2-foot split spoon soil sampling drilling methods. Recovered samples were described in the field by qualified Benchmark TurnKey personnel by visual-manual observation in accordance with ASTM Method D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure), scanned for total volatile organic vapors with a calibrated MiniRAE 3000 PID equipped with a 10.6 eV lamp, and characterized for impacts via visual and/or olfactory observations in approximate two-foot depth intervals. A summary of investigation borings is presented in Table 1.

Upon completion of each boring, field results including PID, visual, and olfactory results were reviewed and recorded. The sample interval identified as the most impacted (i.e., greatest PID scan result and/or evidence of visual/olfactory impacts) were selected for analysis. In the event that either the impacts were ubiquitous from grade to final depth or no impacts were identified, a representative sample interval was selected based on the discretion of the field scientist and at times in consultation with the Project Manager and/or NYSDEC.

In general, one subsurface soil sample was collected from each boring location and analyzed for TCL plus CP-51 VOCs, TCL SVOCs, TAL metals, PCBs, pesticides, and herbicides.

3.1.2 Soil Sample Analyses

Samples were transferred to laboratory supplied, pre-cleaned sample containers, stored on ice in a cooler, and transported via chain of custody command to Alpha Analytical (Alpha) for analysis. Alpha is an independent, NY State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified facility approved to perform the analyses prescribed for this RI. Alpha also has NYSDOH Contract Laboratory Program (CLP) certification while maintaining Analytical Services Protocol (ASP) accreditation. Alpha employed analytical testing methods described in USEPA Test Methods for Evaluating Solid Wastes contained in SW-846 (revised 1991).

3.2 Groundwater Investigation

Benchmark TurnKey conducted a groundwater investigation program at the Site to better assess groundwater quality, flow direction, and hydraulic gradient to determine potential groundwater contaminant migration pathways. Figure 4 shows the location of the RI monitoring wells MW-1A, -1B, -2A, -2B, -3A, -3B, -4A, and -5A. Table 3 presents the monitoring well construction details. Table 4 presents depth to groundwater measurements and calculated groundwater elevations as well as the catch basin invert elevations used to generate the isopotential maps discussed in Section 3.2.3. Appendix C includes the boring and monitoring well construction logs. The following sections describe the groundwater investigation and sampling methodology. Monitoring well installation, well development, and groundwater sample collection details are also discussed.

3.2.1 Monitoring Well Installation and Development

In December 2014, Benchmark TurnKey installed five overburden (MW-1A thru MW-5A) and three bedrock (MW-1B thru MW-3B) groundwater monitoring wells. The eight boring/monitoring well locations were advanced into the unconsolidated overburden and/or bedrock material as described in Section 3.1 to depths between 11 and 25 fbgs; these depths were at least five feet below the first encountered groundwater. Recovered soil samples were visually described and scanned for total volatile organic vapors with a PID. Low level PID measurements were only identified at wells MW-1B (maximum PID = 3.0 at 3 fbgs) and MW-2B (maximum PID = 2.1 at a depth of 17 fbgs). All other PID measurements were reported as 0.0 ppm.

Subsequent to boring completion, each monitoring well was constructed of 2-inch I.D. flush-joint Schedule 40 PVC solid riser and machine slotted screen (0.010-inch slot size). Monitoring well screens ranged from 7 to 15 feet in length. The well screen and attached riser were placed within the borehole, and the filter sand pack was installed within the borehole annulus to a level of 2- to 3-feet above the top of the well screen. A bentonite seal 2- to 3-feet thick was installed immediately above the sand layer. Medium bentonite chips were used for the seal and allowed to hydrate sufficiently. Due to the shallow nature of the overburden wells, bentonite chips were used in lieu of cement/bentonite grout to complete well construction to within one foot below the ground surface. Cement/bentonite grout was used in the bedrock wells to within one foot below the ground surface.

Each newly installed overburden and bedrock monitoring well was completed with keyed alike locks and a lockable J-plug within an 8-inch diameter steel flush mounted road box anchored within a 2-foot by 2-foot by 1-foot square concrete pad. The concrete surface pad was placed around each road box and sloped to allow surface water to drain away from the well.

The eight RI wells were developed to remove the fines from the filter pack and well casing using a dedicated disposable polyethylene bailer for surging and a non-dedicated submersible pump for purging in accordance with NYSDEC and Benchmark TurnKey FOPs prior to sampling. In general, 10 well volumes were removed from each monitoring well. However, because approximately 150 gallons of potable water was lost during bedrock well installation, an equivalent volume of water was subsequently purged from each bedrock well. Appendix C includes the well development field forms.

3.2.2 Groundwater Sample Collection & Analysis

RI groundwater sampling was conducted January 12-13, 2015 (Round 1) and March 25, 2105 (Round 2). During both rounds of groundwater sampling, the eight RI wells were purged and sampled using a non-dedicated submersible pump with dedicated pump tubing following low-flow/minimal drawdown purge and sample collection procedures. Appendix C includes the well sampling logs. Prior to and immediately following collection of groundwater samples, field measurements pH, temperature, turbidity, dissolved oxygen (DO), oxidation-reduction potential (ORP), specific conductance, and water level were monitored for stabilization. These field parameters as well as visual and olfactory observations were recorded on groundwater field data sheets (Appendix C).

During the first round, all collected groundwater samples were placed in pre-cleaned, pre-preserved laboratory provided sample bottles, cooled to 4°C in the field, and transported under chain-of-custody command to Alpha for TCL plus CP-51 VOC, TCL SVOC, TAL metals, PCB, pesticide, and herbicide analyses in accordance with USEPA SW-846 methodology (see Table 2). Groundwater samples collected from wells MW-1B, -3A, -3B, -4A, and -5A were field filtered and analyzed for dissolved metals due to turbidity measurements above 50 Nephelometric Turbidity Units (NTUs). During the second round and following NYSDEC approval, groundwater sample analyses were limited to TCL plus

CP-51 VOCs. Alpha provided equivalent NYSDEC Category B deliverables to allow for independent third-party data usability assessment of groundwater data (see Section 3.6).

3.2.3 Groundwater Elevation, Flow, and Gradients

Static depth to groundwater was measured in 8 of the 9 RI wells on February 16, 2015 and March 25, 2015 and all nine wells on April 6, 2015. Table 4 summarizes the groundwater and underdrain invert elevations measured during all three RI events. Figures 5 through 7 present the shallow (overburden) groundwater isopotential maps and Figures 8 through 10 present the bedrock groundwater isopotential maps for each event. Groundwater elevations were surveyed relative to a point on the southeastern corner of the concrete plaza sign foundation located along the western boundary of the Site, which was assigned an arbitrary elevation of 500 feet above mean level (fmsl).

Examination of the overburden isopotential maps indicate that shallow groundwater flow is dominated by the existing underdrain system present beneath the asphalted areas across the Site. Shallow groundwater (i.e., approximately 2 fbgs) is intercepted and directed by the underdrain system toward the northeast corner of the Site where it exits through a single catch basin (CB-3) and connects to the Orchard Park storm sewer system on Michael Road. A localized (and possibly natural) groundwater mound extends from the southeast corner of the Site, beneath the on-site building, toward and intercepted by the western portion of the underdrain system. Subsequent groundwater flow from this mound is west-northwest. In addition, the underdrain system has created a localized groundwater sink in the western portion of the Site (see Figures 5 through 7). Shallow groundwater flow associated with this sink is inward toward the underdrain system. Additional discussion regarding the underdrain system is presented in Section 3.4.

Examination of the bedrock isopotential maps indicates that bedrock groundwater flowed in a northwesterly direction during the February, March, and April 2015 events and was not affected by the underdrain system.

Vertical hydraulic gradient (VHG) is generally used for delineating the direction and magnitude of vertical groundwater flows. VHGs are calculated by comparing nested well pairs screened across separate hydrogeologic units; in the case of this Site, an overburden unit ("A" wells) and bedrock unit ("B" wells). VHGs are computed by subtracting the hydraulic head value in the deeper "B" well from the value in the shallower "A" well of a

nested pair and dividing the remainder by the vertical distance between the midpoints of the well screens. A downward flow component is indicated if the gradient is negative, meaning the hydraulic head is less at depth. Conversely, an upward flow component is indicated if the gradient is positive, meaning the hydraulic head is greater at depth. The magnitude of the calculated gradient indicates its significance.

Based on the VHG calculations, well pairs MW-1A/B, located within the center of the groundwater mound, exhibited a predictably strong downward gradient during the February and March 2015 events and some weakening (yet still downward) gradient during the April 2015 event. Conversely, well pair MW-3A/B located on the fringe of the groundwater mound exhibited a predictably weak, but consistently upward vertical gradient during the February and March 2015 events followed by a weak downward vertical gradient in April 2015. A variable vertical hydraulic gradient was also observed at well pair MW-2A/B: a weak downward gradient was observed in February and April with a weak upward gradient in March 2015.

The horizontal hydraulic gradient for the groundwater mound area of the Site from well MW-1A to MW-4A was relatively consistent during February and March 2015 (0.021 ft/ft and 0.020 ft/ft, respectively) and approximately half that in April 2015 (0.011 ft/ft). The February and March gradients represent a fairly steep gradient which apparently moderated in April, possibly due to an expected rise in water levels being captured by the underdrain system, reducing the gradient.

3.3 Soil Vapor Assessment

Based on the results of the June 2014 Supplemental Phase II Environmental Investigation, an active sub-slab depressurization (ASD) system is planned for the southern portion of the existing building. In order to ascertain the portions of the existing building that will require an ASD system, two additional subslab vapor samples (SV-2 and SV-3) were collected within the on-site building at the locations shown on Figure 11. Subslab vapor samples were analyzed for VOCs via Method TO-15.

3.4 Storm Sewer Assessment & Investigation

To assess potential pathways for contaminants to enter the subsurface, the existing storm sewer underdrain system at the Site was evaluated. Each catch basin (CB) location was

surveyed and identified as CB-1 through CB-6 (see Figure 2). The field survey also included piping invert elevations and estimated drainage patterns using asphalt stress patterns observed at the surface in conjunction with the invert pattern within each catch basin. Figure 2 presents the underdrain system configuration and Site discharge point (CB-3).

Based on the configuration of the underdrain system proximate to the cVOC-impacted area and following consultation with the NYSDEC, catch basins CB-1, CB-2, and CB-3 were sampled. Two sediment samples were collected from catch basins CB-1 and CB-2 for TCL plus CP-51 VOC analysis. In addition, the sediment from catch basin CB-1 was analyzed for TCL SVOCs, TAL metals, and PCBs. Sediment was not present in catch basin CB-3; therefore, only a surface water sample was collected for TCL plus CP-51 VOC analysis. Storm water was not present within catch basins CB-1 and CB-2.

3.5 Field Specific Quality Assurance/Quality Control Sampling

In addition to the soil and groundwater samples described above, field-specific quality assurance/quality control (QA/QC) samples were collected and analyzed to ensure the reliability of the generated data as described in the QAPP and to support the required third-party data usability assessment. Site-specific QA/QC samples included matrix spikes, matrix spike duplicates, blind duplicates, equipment blanks, and trip blanks collected at a frequency of 1 per 20 samples for each environmental media (see Tables 1 and 2).

3.6 Data Usability Summary Report

In accordance with the Work Plan, the laboratory analytical data was independently assessed and, as required, submitted for independent review. Ms. Judy Harry of Data Validation Services (DVS) located in North Creek, New York performed the data usability summary assessment for the soil, sediment, groundwater, and storm water samples collected during the RI. The validation involved a review of the summary form information and sample raw data, and a limited review of associated QC raw data. Specifically, the following items were reviewed:

- Data Completeness
- Laboratory Case Narrative
- Custody Documentation

- Holding Times
- Surrogate and Internal Standard Recoveries
- Trip/Method Blanks
- Laboratory Control Samples (LCS)
- Field Duplicate Correlations
- Matrix Spike Recoveries and Duplicate Correlations
- Instrumental Tunes
- Calibration Standards
- ICP Serial Dilution Evaluations
- ICP Interference Check Samples
- Method Compliance
- Sample Result Verification

Data evaluation was performed by DVS using the most current methods and quality control criteria from the USEPA's Contract Laboratory Program (CLP) *National Functional Guidelines for Organic Data Review*, and Contract Laboratory Program*, National Functional Guidelines for Inorganic Data Review*, as well as professional judgment. Appendix D includes the Data Usability Summary Report (DUSR) that was prepared in accordance with Appendix 2B of NYSDEC's DER-10 guidance. Those items listed above that demonstrated deficiencies are discussed in detail in the DUSR.

In summary, most sample results are usable either as reported or with minor qualification or edit. However, the following results are rejected and not usable:

- One volatile analyte (1,4-dioxane) in all samples due to processing limitations (poor response in calibration standards).
- One semi-volatile analyte (phenol) in sample B-18 (4-6) was rejected due to apparent matrix effects.
- Results for three SVOCs (2,4-dinitrophenol, hexachlorocyclopentadiene, caprolactum, and 4,6-dintro-2-methylphenol) in sample B-5 (0.4-4.0) and four SVOCs (2,4-dinitrophenol, hexachlorocyclopentadiene, and 4,6-dintro-2-methylphenol) in sample SED-1 were rejected due to apparent matrix effects.

In general, accuracy, data completeness, comparability, and representativeness are acceptable, and sample precision is good. Analytical results that were edited or qualified per

the DUSR have been modified appropriately on the data summary tables. Appendix E includes the analytical data packages for the RI.

3.7 NYSDEC EQuIS Deliverables

EQuIS is an environmental data management system selected by the NYSDEC to manage all of their environmental, geotechnical, and limnological data. As of April 2011, all investigation and post-cleanup monitoring data submitted to the Division of Environmental Remediation (DER) under a remedial program (i.e., State Superfund, Brownfield Cleanup Program, Environmental Restoration Program, Petroleum Spills, Voluntary Cleanup Program, or Consent Order) must be concurrently entered into New York State's designated EQuIS Database in Electronic Data Deliverable (EDD) format. This necessitates upload of the laboratory analytical results as well as the geographic location (survey coordinates) of the sampling points. On April 15, 2015, Benchmark TurnKey submitted all analytical data in EDD format associated with the RI to the NYSDEC on behalf of the Co-Applicants to satisfy this requirement. On _____, 2015, the NYSDEC issued a confirmation email of their receipt and successful upload of the EDD formatted files, which is included in Appendix E.

3.8 Site Mapping

All sample locations, monitoring wells, and relevant Site features are located on the Site base map developed during the RI. Benchmark TurnKey employed a Trimble GeoXT handheld GPS unit to identify the locations of all soil borings, newly installed wells, and catch basins relative to New York State planar grid coordinates. Additional geospatial data related to underdrain system pipe inverts, structure locations, and subsurface structures was collected. Monitoring well riser and protective casing elevations were measured by ground elevation survey on February 16, 2015 relative to a point on the southeastern corner of the concrete plaza sign foundation located along the western boundary of the Site, which was assigned an arbitrary elevation of 500 fmsl.

4.0 REMEDIAL INVESTIGATION FINDINGS

This section describes pertinent field observations and analytical results in Site soil, groundwater, soil vapor, and storm water/sediment reported during the RI.

4.1 Soil

For the purpose of comparison, the soil analytical data summary tables include Unrestricted Use Soil Cleanup Objectives (USCOs) as published in 6NYCRR Part 375-6 "Remedial Program Soil Cleanup Objectives." USCOs (Track 1) are deemed protective of human health and groundwater irrespective of end use of the property. Accordingly, the USCOs represent conservative SCOs that are often difficult to achieve on former urbanized or historic fill sites. Nevertheless, USCOs for soil are presented on Table 5 per NYSDEC policy, as a basis for comparison against the concentrations that might be expected in virgin soils not affected by anthropogenic activities or biased by fill containing non-soil materials.

The soil data is also compared to Restricted-Residential Use and Protection of Groundwater SCOs (RRSCOs and PGW SCOs, respectively) per 6NYCRR Part 375-6 (see Table 6). Redevelopment of the Site as a consolidated Western New York multi-disciplinary world class cancer treatment center is proposed. While there are presently no SCOs specific to property used in a medical treatment capacity, the more conservative RRSCOs will be used in lieu of commercial SCOs as health-based screening criteria to evaluate the remedial alternatives presented in Section 7.0. The RRSCOs are deemed appropriate due to the nature of the planned facility operations (i.e., medical treatment) and potentially greater sensitivity of patient receptors. It is also feasible that the duration of visits by adult and child receptors at a medical treatment facility may be greater than those under a typical commercial scenario.

The following discussions concerning soil data are limited to soil quality as indicated by the more meaningful comparison to RR and PGW SCOs. To the extent RR and PGW SCOs are exceeded, USCOs would be exceeded as well. Soil analytical results versus the RRSCOs are presented graphically on Figure 12.

4.1.1 Field Observations

Much of the Site is covered with asphalt underlain with a Poorly Graded Gravel with Sand subbase. Beneath the asphalt and subbase, the native soil was generally described as a brown to dark grey Sandy Lean Clay (till). Shallow groundwater was encountered generally

between 1.5 and 6 fbgs during advancement of the borings. PID readings measured above background (0.0 ppm) were relegated to the southeastern corner of the Site with a good correlation to soil analytical results discussed in the following sections. Landscaped areas and a vegetated swale located on the western and northern edges of the property are present, but are within the Orchard Park and Michael Road right-of-ways and utility corridors.

4.1.2 VOCs

No VOCs were detected in subsurface soil samples at concentrations above RRSCOs. However, VOCs (primarily cVOCs) were detected in five subsurface soil samples above the PGW SCOs. Exceedances included:

- 2-Butanone (vault area B-1)
- Acetone (vault area B-1, west of building BH-6)
- cis-1,2-DCE (southeast corner B-6)
- trans-1,2-DCE (southeast corner B-6)
- PCE (under building B-24, under building SB-5, under building SB-6)
- TCE (southeast corner B-6)

Both 2-butanone (i.e., methyl ethyl ketone) and acetone are common laboratory artifacts.

4.1.3 SVOCs

No SVOCs were detected in subsurface soil samples at concentrations above RR or PGW SCOs.

4.1.4 Inorganic Compounds

Metals detected in subsurface soil at concentrations above the RRSCOs only included arsenic in two samples; the concentrations of which were only slightly above the RRSCO. Exceedances included:

- Arsenic (east side of building B-15)
- Arsenic (under building B-20)

No metals were detected in subsurface soil samples at concentrations above PGW SCOs.

4.1.5 Pesticides/Herbicides

No pesticides were detected in subsurface soil at concentrations above RR or PGW SCOs. Herbicides were not detected in subsurface soil samples.

4.1.6 PCBs

No PCBs were detected in subsurface soil at concentrations above RR or PGW SCOs.

4.1.7 Waste Characterization

In anticipation of off-site disposal of the cVOC-impacted soil encountered during previous investigations in the vicinity of the planned vault, RI borings B-3 and B-4 were advanced to determine the waste profile (see Figure 4). Two samples from the 2-4 fbgs interval were collected and analyzed for waste profile parameters, including Toxicity Characteristic Leaching Procedure (TCLP) VOCs, TCLP SVOCs, TCLP metals, ignitability, corrosivity, and reactivity (sulfide and cyanide). In addition, boring B-23 was advanced in the vault area and sampled from the 2-4 fbgs interval for analysis of TCL plus CP-51 VOCs, TCL SVOCs, TAL metals, and PCBs. With the exception of low concentrations of PCE (0.0037 mg/L) and barium (0.62 mg/L), all other TCLP results were reported as non-detect and the soil was deemed not ignitable, non-reactive, and non-corrosive. These results, in conjunction with those from boring B-23, indicate that the vault area soils do not exhibit hazardous waste characteristics.

4.2 Groundwater

In order to assess groundwater quality at the Site in relation to the cVOC-impacted area located in the southeast corner of the Site, groundwater samples were collected during two separate RI monitoring events to supplement data from previous investigations. Previous investigation groundwater samples collected by LCS from temporary monitoring wells TPMW-1 through TPMW-6 occurred May 7-8, 2014 and groundwater samples collected by TurnKey from temporary monitoring wells TPMW-7 through TPMW-11 occurred May 22, 2014. RI groundwater sampling of wells MW-1A/B, MW-2A/B, MW-3A/B, MW-4, and MW-5 occurred January 12-13, 2015 (Round 1) and March 25, 2015 (Round 2).

Table 7 presents the analytical results of groundwater samples collected during previous investigations. Tables 8 and Table 9 present the RI analytical results for Rounds 1 and 2. Tables 7 through 9 compare the groundwater analytical data to the NYSDEC Class "GA" GWQS/GVs, which are deemed protective of human health when groundwater is used as a drinking water source. Although municipal supplied water is available and will be provided and used as a potable source for Site redevelopment, the Class "GA" GWQS/GVs are conservatively used as a measure of the environmental impacts to groundwater per NYSDEC policy. Groundwater analytical results versus the Class GA GWQS/GVs are presented graphically on Figure 13.

4.2.1 Field Observations

No odors or sheen were noted during well development or sampling.

4.2.2 VOCs

Five VOCs were detected in groundwater at concentrations above GWQS/GVs:

- Benzene (TPMW-11)
- cis-1,2-DCE (TPMW-1, TPMW-2, TPMW-7, TPMW-11, & MW-4A)
- PCE (TPMW-1, TPMW-2, & TPMW-11)
- TCE (TPMW-1, TPMW-2, & TPMW-11)
- Vinyl Chloride (TPMW-2, TPMW-7, & TPMW-11)

4.2.3 SVOCs

No SVOCs were detected in groundwater at concentrations above GWQSs/GVs.

4.2.4 Inorganic Compounds

Inorganic compounds detected in groundwater at concentrations above GWQS/GVs were generally limited to naturally occurring minerals such as iron, magnesium, manganese, and/or sodium. The groundwater samples from RI wells MW-1B, MW-3A, MW-3B, MW-4A, and MW-5A were analyzed for dissolved inorganic compounds (due to elevated turbidity greater than 50 NTUs) and found to contain concentrations of dissolved iron, magnesium, manganese, and sodium above GWQSs/GVs.

4.2.5 Pesticides/Herbicides

Pesticides and herbicides were not detected in any groundwater samples.

4.2.6 PCBs

PCBs were not detected in any groundwater samples.

4.3 Soil Vapor

Table 10 summarizes the pre-remedial soil vapor analytical results from previous investigations and the RI. Only 3 of the 7 cVOCs currently addressed under NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (Ref. 4) were detected and at very low concentrations, including:

- Carbon tetrachloride (indoor ambient air and outdoor ambient air)
- PCE (subslab vapor, indoor air, and outdoor air)
- TCE (SV-2)

Figure 14 presents these soil vapor analytical results graphically.

4.4 Storm Water/Sediment

Sediment analytical results versus the RRSCOs are summarized in Table 6 and presented graphically on Figure 12. Sediment sample SED-1 collected from catch basin CB-1 contained three cVOCs at concentrations well above their respective RR and PGW SCOs, including:

- cis-1,2-DCE
- PCE
- TCE

Sediment sample SED-2 collected from catch basin CB-2 had detections of these same three compounds, but at concentrations well below the RR and PGW SCOs.

Storm water analytical results versus the Class GA GWQS/GVs are summarized in Table 8 and presented graphically on Figure 13. No VOCs were detected in catch basin CB-3 storm water above the Class GA GWQSs/GVs; water was not present in catch basins CB-1 and CB-2 at the time of sampling.

4.5 Summary of Remedial Investigation Findings

Consistent with the initial findings of the Supplemental Phase II Investigation, the RI confirmed that cVOC-impacts are limited and localized to the southeastern corner of the Site, immediately behind the existing building, with the highest concentrations identified in catch basin CB-1. The horizontal extent of this area of concern (AOC) is based on RI and previous investigation results and is identified on Figure 15. As expected however, residual impacts via soil and soil vapor were identified beneath the building adjacent to and west of the AOC (see Figures 12 and 14). Although shallow groundwater is being controlled via the site-wide underdrain system, RI results indicate cVOC impacts within the AOC are not migrating away from this area at concentrations above regulatory limits via this pathway.

5.0 FATE AND TRANSPORT OF SITE CONTAMINANTS

Soil sample results exceeded RRSCOs for certain contaminants (cVOCs and select metals). In addition, groundwater samples indicated minor exceedances of Class "GA" GWQSs/GVs for cVOCs in several temporary wells. Accordingly, the historic and RI data were incorporated with the physical characterization of the Site to evaluate the fate and transport of contaminants in Site media. The mechanisms by which the contaminants can migrate to other areas or media are briefly outlined below.

5.1 Fugitive Dust Generation

Contaminants present in soil can be released to ambient air as a result of fugitive dust generation. Fugitive dust may be generated during excavation of impacted soil and sediments, as well as during redevelopment activities. Therefore, this migration pathway is potentially relevant under the current land use scenario. Under the planned future land use scenario, the majority of the Site will still be covered by the existing building; asphalt driveway and parking areas; sidewalks; and remaining small areas covered by grass and/or ornamental landscaping. Therefore, this migration pathway is not relevant under the reasonably anticipated future land use (i.e., restricted-residential), as long as paved (i.e., asphalt and concrete) and soil covered areas across the Site are maintained.

5.2 Volatilization

Volatile chemicals, when present in soil and/or groundwater at elevated levels, may be released to ambient air or building indoor air through volatilization from or through the soil pore space. Volatile chemicals typically have a low organic-carbon partition coefficient (K_{oc}), low molecular weight, and a high Henry's Law constant.

VOCs were not detected in soil at concentrations above RRSCOs but were detected in groundwater above Class GA GWQSGVs; therefore, the groundwater-to-air pathway is relevant.

5.3 Surface Water Runoff

Under the current and future use scenarios, the potential for soil particle transport with surface water runoff is very low as the majority of the Site is covered by the existing

building; asphalt driveway and parking areas; sidewalks; and grass and/or ornamental landscaping. Although storm water runoff during excavation activities is possible, erosion controls are typical construction practices and would be implemented as a component of the remedial measure or in the case of redevelopment, the Site Management Plan required for BCP Sites that do not achieve the unrestricted use SCOs.

5.4 Leaching

VOCs were detected at concentrations above PGWSCOs in near-surface and subsurface soil across the Site. VOC impacts were also identified in samples collected from several groundwater (primarily temporary) monitoring wells. Although the majority of the Site is covered by impermeable surfaces (i.e., asphalt, concrete, and building) that limit infiltration of precipitation, leaching due to groundwater table fluctuation and limited percolation is considered a relevant migration pathway.

5.5 Groundwater Transport

As discussed in Section 3.2.3 and illustrated in Figures 5 through 7, shallow groundwater flow is dominated in the western portion of the Site by an existing underdrain system, which has caused the groundwater in this area to flow inward creating an artificial groundwater sink. Intercepted groundwater is then conveyed by the underdrain system toward the northeast corner of the Site where it exits through a single catch basin (CB-3) and connection to the Orchard Park storm sewer system on Michael Road. In addition, a pronounced (and possibly natural) groundwater mound was identified in the eastern portion of the Site, which flows in a west-northwest direction toward, and eventually captured by, the western underdrain system. Contaminants present in on-site groundwater may be transported across the Site via this pathway. Although analytical results of storm water collected from catch basin CB-3 indicate the presence of COPCs TCE and PCE, they are at concentrations well below NYSDEC TOGS 1.1.1 (see Table 8). Therefore, the cVOC impacts identified in the southeastern corner of the Site appear to be localized and generally remaining on-site.

The Site and surrounding area are serviced by a municipal (supplied) water service, with no evidence of potable wells in the area. As such, transport off-site via groundwater

migration is a relevant migration pathway; however, contaminants present would not reach receptors at significant exposure point concentrations.

5.6 Exposure Pathways

Based on the fate and transport analysis provided above, the pathways through which contaminants detected on-site could potentially migrate to other areas or media under the current use scenario are: fugitive dust emissions via physical disturbance of soil particles, volatilization, leaching, and, to a lesser extent, groundwater transport.

Under the future use scenario, it is unlikely that site-related contaminants would reach off-site receptors at significant exposure point concentrations based on the: proposed remedial measures; anticipated Environmental Easement that will restrict groundwater for potable use; vapor barrier and active subslab depressurization (ASD) system; and NYSDEC/NYSDOH requirements for a Site Management Plan that addresses soil handling and dust controls during future excavation at remedial program construction sites.

6.0 QUALITATIVE HUMAN HEALTH & WILDLIFE ASSESSMENT

6.1 Human Health Exposure Assessment

A qualitative exposure assessment consists of characterizing the exposure setting (including the physical environment and potentially exposed human populations), identifying exposure pathways, and evaluating chemical fate and transport.

An exposure pathway describes the means by which an individual may be exposed to contaminants originating from a site. An exposure pathway has the following five elements:

- Receptor population
- Contaminant source
- Contaminant release and transport mechanism
- Point of exposure
- Route of exposure

An exposure pathway is complete when all five elements of an exposure pathway are documented; a potential exposure pathway exists when any one or more of the five elements comprising an exposure pathway is not documented but could reasonably occur. An exposure pathway may be eliminated from further evaluation when any one of the five elements comprising an exposure pathway does not exist in the present and will not exist in the future.

6.1.1 Receptor Population

The receptor population includes the people who are or may be exposed to contaminants at a point of exposure. The identification of potential human receptors is based on the characteristics of the Site, the surrounding land uses, and the probable future land uses. The Site is currently occupied by two businesses within a larger building. Under current Site use conditions, receptors would include business customers, indoor occupants/ workers, and construction/maintenance workers that may be employed to perform work on the property. Customers might be comprised of adolescents and adults, whereas indoor occupants and outdoor construction/maintenance workers would be limited to adults.

The reasonably anticipated future use of the Site is for a restricted-residential-like purpose, which is consistent with surrounding property use and zoning. Exposed receptors

under the future use scenario may be comprised of indoor workers, outdoor workers (e.g., groundskeepers or maintenance staff), and construction workers who may be employed at or perform work on the property. Site visitors/customers may also be considered receptors; however, their exposure would be similar to that of the indoor worker but at a lesser frequency and duration. Therefore, consideration of the indoor worker is conservatively protective of the Site visitor.

6.1.2 Contaminant Sources

The source of contamination is defined as either the source of contaminant release to the environment (such as a waste disposal area or point of discharge) or the impacted environmental medium (soil, air, biota, water) at the point of exposure. Section 4.0 discusses the COCs present in unremediated Site media at elevated concentrations. In general, these are limited to cVOCs and, to a lesser extent, select inorganic compounds in soil and groundwater.

6.1.3 Contaminant Release and Transport Mechanisms

Contaminant release and transport mechanisms carry contaminants from the source to points where people may be exposed, and are specific to the type of contaminant and site use. For non-volatile COCs present in Site soil/fill, contaminant release and transport mechanisms will generally be limited to fugitive dust migration and direct contact during intrusive work (e.g., during excavation and construction), as the Site is substantially covered by buildings, parking lots, driveways, and grassed areas.

For volatile COCs present in groundwater, the potential exists for exposure through pathways associated with soil gas migration. This would include both the outdoor pathway (primarily to construction workers involved in subsurface activities where volatiles are present at elevated concentration) as well as the indoor vapor intrusion pathway, also referred to as "soil vapor intrusion."

Concerning the indoor air pathway, the NYSDOH has issued a guidance document for assessing potential impacts to indoor air via soil vapor intrusion (Ref. 4). The sub-slab vapor and indoor air samples collected during the Supplemental Phase II Investigation were assessed by the NYSDOH Soil Vapor Intrusion Guidance matrices. Based on the concentrations of PCE and carbon tetrachloride, the matrices recommended: "take

reasonable and practical actions to identify source(s) and reduce exposures" and "monitor soil vapor/indoor air," respectively.

As such, under the future (un-remediated) use scenario, soil vapor intrusion is a relevant transport mechanism. Concerning the outdoor air pathway, the potential exists for exposure to VOCs under the current and future use scenarios for construction workers in select areas of the Site.

6.1.4 Point of Exposure

The point of exposure is a location where actual or potential human contact with a contaminated medium may occur. Based on the exceedances of RRSCOs for cVOCs and ubiquitous metals in soils and exceedance of GWQS/GVs for VOCs in groundwater, the point of exposure is defined as the southeastern portion of the Site.

6.1.5 Route of Exposure

The route of exposure is the manner in which a contaminant actually enters or contacts the body (e.g., ingestion, inhalation, dermal absorption). Based on the types of receptors and points of exposure identified above, potential routes of exposure are listed below:

Current Use Scenario

- Indoor Occupant/Worker – inhalation
- Construction and Outdoor Worker – skin contact, inhalation, and incidental ingestion

Future Use Scenario

- Indoor Occupant/Worker – inhalation
- Construction and Outdoor Worker – skin contact, inhalation and incidental ingestion

6.1.6 Exposure Assessment Summary

Based on the above assessment, the potential exposure pathways for the current and future use conditions are listed below.

Current Use Scenario

- Indoor Occupant/Worker – inhalation of volatile organics via indoor air migration
- Construction and Outdoor Worker – direct contact, incidental ingestion, and inhalation of non-volatile contaminants present in soil and volatile contaminants present in groundwater during intrusive activities, and inhalation of volatile organics present in soil and groundwater via outdoor air migration.

Future Use Scenario

- Indoor Occupant/Worker – inhalation of volatile organics via indoor air migration
- Construction and Outdoor Worker – direct contact, incidental ingestion, and inhalation of non-volatile contaminants present in soil and volatile contaminants present in soil and groundwater during intrusive activities, and inhalation of volatile organics present in soil and groundwater via outdoor air migration.

In most instances, these exposures can be readily mitigated through the use of personal protective equipment (PPE); proper soil/fill management during intrusive activities; engineering controls including placement of asphalt, building, and landscape cover; and construction of vapor barriers or sub-slab depressurization systems in existing or newly constructed buildings.

6.2 Fish and Wildlife Impact Assessment (FWIA)

The Site is currently developed with a commercial building, parking lots, driveways, and small landscaped areas, which has limited the availability of suitable cover type for reestablishment of biota. The redevelopment plan includes the potential for additional structures. As such, based on the Fish and Wildlife Resource Impact Analysis Decision Key included as Appendix F (NYSDEC DER-10 Appendix 3C; Ref. 13), no fish and wildlife resources impact analysis is warranted.

7.0 REMEDIAL ALTERNATIVES ANALYSIS

This section provides an analysis of the selected remedial approach by media using the Remedy Selection Evaluation Criteria identified in Section 4.2 of Guidance Document DER-10: Technical Guidance for Site Investigation and Remediation (Ref. 13). In accordance with DER-10 Section 4.4(d)2, remedial alternatives will be developed and comparatively assessed for the Site against the following NYSDEC defined cleanup tracks:

- Track 1, 6NYCRR Part 375-3.8(e)(1) allows the site to be used for any purpose without restriction (i.e., unrestricted use) provided site media meets 6 NYCRR Part 375 SCOs. The soil cleanup must achieve the unrestricted use criteria at any depth above bedrock without the use of institutional/engineering controls.
- Track 2, 6NYCRR Part 375-3.8(e)(2) soil cleanups may consider the current, intended, or reasonably anticipated future use in determining the appropriate cleanup levels for soil. This track requires that the remedial party implement a cleanup that achieves the SCOs in the tables in 6 NYCRR 375-6.7(b) for the top 15 feet of soil (or bedrock if less than 15 feet). Institutional and engineering controls are allowed for soil (for the top 15 feet of soil or bedrock if less than 15 feet) for less than five years (defined as short-term controls). Institutional and engineering controls that limit site use and the use of on-site groundwater can be used without regard to duration. Track 2 cleanups at restricted-residential, commercial, or industrial use sites require site management plans to ensure that material removed from the site (post-remedial action) is managed appropriately and to ensure that any buffer zone protecting adjacent residential use sites or ecological resources is maintained.
- Track 4, 6NYCRR Part 375-3.8(e)(4) soil cleanups uses site-specific information to identify site-specific SCOs (or site-specific action levels; SSALs) that are protective of public health and the environment under a restricted use scenario. For Track 4 remedies, restrictions can be placed on the use of the property in the form of institutional and engineering controls if they can be realistically implemented and maintained in a reliable and enforceable manner. For restricted-residential use, the top two feet of all exposed surface soil that are not otherwise covered by the components of the development of the site (e.g. buildings, pavement) shall not exceed the RRSCOs. Areas that exceed the RRSCOs must be covered by material meeting the requirements of the generic soil cleanup table contained in 6NYCRR Part 375-6.7(d) for restricted-residential future Site use.

7.1 Standards, Criteria, and Guidance

According to DER-10 Section 1.3(b)71, Standards, Criteria, and Guidance (SCGs) mean standards and criteria that are generally applicable, consistently applied, and officially promulgated, that are either directly applicable or not directly applicable but are relevant and appropriate, unless good cause exists why conformity should be dispensed with, and with consideration being given to guidance determined, after the exercise of scientific and engineering judgment, to be applicable. This term incorporates both the CERCLA concept of "applicable or relevant and appropriate requirements (ARARs)" and the USEPA's "to be considered (TBCs)" category of non-enforceable criteria or guidance. For purposes of this Guidance, "soil SCGs" mean the SCOs and supplemental soil cleanup objectives (SSCOs) identified in 6NYCRR 375-6.8 and the Commissioner Policy CP-51 on Soil Cleanup Guidance (Ref. 14).

Additional discussions concerning the specific chemical-, action-, and location-specific SCGs that may be applicable, relevant, or appropriate to remedy selection at the Site are presented below. In each case, the identified SCGs are generally limited to regulations or technical guidance in lieu of the environmental laws from which they are authorized, as the laws are typically less prescriptive in nature and are inherently considered in the regulatory and guidance evaluations. Table 11 summarizes the SCGs by media that may be applicable or relevant and appropriate to the Site.

7.1.1 Chemical-Specific SCGs

Chemical-specific SCGs are usually health- or risk-based concentrations in environmental media (e.g., air, soil, water), or methodologies that when applied to site-specific conditions, result in the establishment of concentrations of a chemical that may be found in, or discharged to, the ambient environment. The determination of potential chemical-specific SCGs for a site is based on the nature and extent of contamination; potential migration pathways and release mechanisms for site contaminants; the reasonably anticipated future site use; and the likelihood that exposure to site contaminants will occur.

RI sampling included the collection and analysis of subsurface soil. Table 6 presents this data with a comparison to the Part 375 RRSCOs and PGW SCOs. Groundwater samples collected during the Phase II ESA and RI are summarized on Tables 7, 8, and 9 with a comparison to Class "GA" GWQSs/GVs.

One of the remedial alternatives to be assessed for the Site is a Track 4 cleanup for soil/fill; therefore, a site-specific action level (SSAL) for arsenic was developed for the Site. Arsenic is a ubiquitous metal with urban background soils in New York State frequently containing concentrations in excess of the RRSCO (16 mg/kg). Accordingly, comparison of the arsenic data to site-specific background or average concentration is considered appropriate. To determine the arsenic background concentration, Benchmark TurnKey performed a statistical analysis using all of the arsenic concentrations for soil/fill across the Site (28 samples). The analysis revealed a 95% upper confidence limit (UCL) on the mean of approximately 12 mg/kg. On other BCP sites, the NYSDEC recommended using twice the 95% UCL on the mean for arsenic as the SSAL for removal (a soil cover system and SMP were components of the final remedy). Therefore, the SSAL for arsenic is 24 mg/kg.

7.1.2 Location-Specific SCGs

Location-specific SCGs are restrictions placed on the concentration of hazardous substances or the conduct of activities solely because they are in a specific location. Some examples of these unique locations include: floodplains, wetlands, historic places, and sensitive ecosystems or habitats. The location of the Site is a fundamental determinant of its impact on public health and the environment.

7.1.3 Action-Specific SCGs

Action-specific SCGs are restrictions placed on particular treatment or disposal technologies. Examples of action-specific SCGs are effluent discharge limits and hazardous waste manifest requirements.

7.2 Remedial Action Objectives

The development of an appropriate remedial approach begins with definition of site-specific Remedial Action Objectives (RAOs) to address substantial public health and ecological risk or other significant environmental issues identified during remedial investigations.

In developing the RAOs, consideration is given to the reasonably anticipated future use of the Site and the applicable SCGs. The redevelopment plan for the Site includes a consolidated Western New York Southdown's multi-disciplinary world class cancer center

that will house: radiation oncology, medical oncology, breast surgeons, gynecologic surgeons, vascular surgeons, primary physicians, and diagnostic imaging. The plan includes a vault (see Figure 2) that will house a linear accelerator (LINAC), which is a device most commonly used for external beam radiation treatments for cancer patients. The vault will be constructed of lead and concrete walls so that the high-energy x-rays are shielded. Due to the weight of the LINAC, the vault requires 3 feet of structural fill and a 1-foot thick reinforced concrete slab for support. A new stand-alone building is a possibility for the northwestern portion of the Site (see Figure 2) to potentially house additional medical practices.

Accordingly, appropriate RAOs for the Site have been defined as:

7.2.1 Soil RAOs

- Remove or treat soil areas of concern (i.e., soil deemed unacceptable to remain on-site, even under a Track 4 approach) as necessary to protect public health and the environment.
- Prevent ingestion/direct contact with soil where contaminant levels exceed RRSCOs. Although the proposed redevelopment is technically a commercial use, the RRSCOs are conservatively employed as screening criteria per Section 4.1 due to the nature of the facility operations (i.e., medical treatment), the potential greater sensitivity of patient receptors, and the possible extended duration of visits by such receptors.
- Prevent migration of contaminants that may result in unacceptable off-site concentration.
- Prevent inhalation of or exposure to contaminants potentially volatilizing from contaminated soil.
- Implement and maintain engineering and institutional controls to assure that the Site is not used in a manner inconsistent with the reasonably anticipated future use scenario.

7.2.2 Groundwater RAOs

- Remove or treat potential sources of groundwater contamination.
- Prevent ingestion of groundwater containing contaminant levels exceeding NYSDEC Class GA GWQS/GVs.
- Prevent contact with or inhalation of volatile compounds emanating from contaminated groundwater.
- Prevent degradation of off-site groundwater quality.

- Implement and maintain engineering and institutional controls to assure that the Site is not used in a manner inconsistent with the reasonably anticipated future use scenario.

7.3 General Response Actions

General Response Actions (GRAs) are broad classes of actions that are developed to achieve the RAOs and form the foundation for the identification and screening of remedial technologies and alternatives.

7.3.1 Soil

The GRAs available to address the RAOs for near-surface/subsurface soil include:

- Institutional controls (e.g., Site Management Plan, Environmental Easement)
- Engineering controls (e.g., cover system)
- Treatment (e.g., in situ or ex situ)
- Excavation and off-site disposal

7.3.2 Groundwater

The GRAs available to address the RAOs for groundwater include:

- Monitored natural attenuation
- Institutional controls
- Engineering controls (e.g., pump-and-treat)
- Treatment (e.g., in situ or ex situ)

7.4 Evaluation of Alternatives

NYSDEC's Brownfield Cleanup Program calls for remedy evaluation in accordance with DER-10 Technical Guidance for Site Investigation and Remediation (Ref. 13). In addition to achieving RAOs, the remedial alternatives are evaluated against the following criteria consistent with 6NYCRR Part 375-1.8(f):

- **Overall Protectiveness of Public Health and the Environment**. This criterion is an evaluation of the remedy's ability to protect public health and the environment, assessing how risks posed through each existing or potential pathway of exposure are eliminated, reduced, or controlled through removal, treatment, engineering controls, or institutional controls.

- **Compliance with Standards, Criteria, and Guidance (SCGs)**. Compliance with SCGs addresses whether a remedy will meet applicable environmental laws, regulations, standards, and guidance.
- **Long-Term Effectiveness and Permanence**. This criterion evaluates the long-term effectiveness of the remedy after implementation. If wastes or treated residuals remain on-site after the selected remedy has been implemented, the following items are evaluated: (i) the magnitude of the remaining risks (i.e., will there be any significant threats, exposure pathways, or risks to the community and environment from the remaining wastes or treated residuals), (ii) the adequacy of the engineering and institutional controls intended to limit the risk, (iii) the reliability of these controls, and (iv) the ability of the remedy to continue to meet RAOs in the future.
- **Reduction of Toxicity, Mobility, or Volume of Contamination through Treatment**. This criterion evaluates the remedy's ability to reduce the toxicity, mobility, or volume of Site contamination. Preference is given to remedies that permanently and significantly reduce the toxicity, mobility, or volume of the wastes at the Site.
- **Short-Term Impacts and Effectiveness**. Short-term effectiveness is an evaluation of the potential short-term adverse impacts and risks of the remedy upon the community, the workers, and the environment during construction and/or implementation. This includes a discussion of how the identified adverse impacts and health risks to the community or workers at the Site will be controlled, and the effectiveness of the controls. This criterion also includes a discussion of engineering controls that will be used to mitigate short term impacts (i.e., dust control measures), and an estimate of the length of time needed to achieve the remedial objectives.
- **Implementability**. The implementability criterion evaluates the technical and administrative feasibility of implementing the remedy. Technical feasibility includes the difficulties associated with the construction and the ability to monitor the effectiveness of the remedy. For administrative feasibility, the availability of the necessary personnel and material is evaluated along with potential difficulties in obtaining specific operating approvals, access for construction, etc.
- **Cost-Effectiveness**. Capital, operation, maintenance, and monitoring costs are estimated for each remedial alternative and presented on a present worth basis. The estimated soil areas and volumes presented are estimates of the maximum in-place extent of impacted soil. The cost estimates developed for the remedial alternatives include contingencies for excavation inefficiencies as well as volume to weight assumptions; therefore, the quantities in the cost tables differ from those presented in the report text.

- **Community Acceptance**. This criterion evaluates the public's comments, concerns, and overall perception of the remedy. The Community Acceptance criterion incorporates public concerns into the evaluation of the remedial alternatives. Therefore, Community Acceptance of the remedy will be evaluated after the public review of the remedy selection process as part of the final NYSDEC remedy selection/approval.
- **Land Use**. In addition to the above criteria, 6NYCRR Part 375-1 specifies that the criterion of Land Use (i.e., the current, intended, and reasonably anticipated future land uses of the Site and its surroundings) be considered in the selection of the remedy. The reasonably anticipated future use of the Site is in a commercial capacity. Appendix G presents the land use evaluation for the Site.

7.4.1 Comparison to Unrestricted SCOs (Track 1 Cleanup)

Exceedances of the Part 375 unrestricted use SCOs were noted in a few soil and sediment samples; specifically, cVOCs and select metals (see Figure 16). Three sample locations (SB-5, SB-6, B-24) contained concentrations of cVOCs (PCE) above the unrestricted use SCOs and are within the building footprint and up to 4 feet below the floor. Three additional sample locations beneath the building floor detected concentrations of arsenic (B-19, B-20, B-22) and nickel (B-19) above the unrestricted use SCOs. Other exceedances of the unrestricted use SCOs outside the building footprint up to 8 fbgs include: cVOCs (B-1, B-6); arsenic (B-9, B-10, B-15); mercury (B-5); and nickel (B-15, MW-1B, MW-2B, MW-3B); two of these samples containing nickel above the SCO were collected from 12 to 14 fbgs. The sediment samples collected from catch basin CB-1 detected concentrations of cVOCs, silver, and zinc above the unrestricted use SCOs.

In March 2015, groundwater was encountered between 1.7 and 6.6 fbgs; therefore, dewatering would be required for excavation alternatives. Since the total depth of impact has not been determined, it will be assumed that the required remedial depth of 15 fbgs (or to the top of bedrock, if encountered sooner) will require remediation for the select areas noted. Therefore, the in-place volume of impacted soil (saturated and unsaturated) requiring remediation under a Track 1 cleanup is approximately 4,110 cubic yards (CY) for VOCs, 445 CY for arsenic, and 225 CY for mercury. An estimated 4,900 SF of the building concrete floor would need to be removed to access the impacted soil. An estimated 0.3 CY of sediment in catch basin CB-1 also requires remediation under the Track 1 approach.

7.4.2 Comparison to Restricted Use SCOs (Track 2 Cleanup)

Only the sediment sample collected from catch basin CB-1 contained cVOCs above the Part 375 RRSCOs. However, three soil samples within the building footprint (B-24, SB-5, SB-6) and two outside the building footprint (B-1 and B-6) contained cVOC concentrations above the Part 375 protection of groundwater SCOs. Groundwater samples collected also contained concentrations of cVOCs above GWQS/GVs. The only metal detected at concentrations above its RRSCO is arsenic (B-15, B-20). The volume of impacted soil and sediment requiring remediation under a Track 2 cleanup is essentially the same as the Track 1 cleanup except the soil at location B-5 would not require remediation for mercury; therefore, the Track 2 cleanup alternative will not be evaluated further.

7.4.3 Comparison to Restricted-Use SCOs (Track 4 Cleanup)

Under a Track 4 cleanup for the Site, surface soil with concentrations above RRSCOs would require 2 feet of compliant soil cover that achieves the lowest of the three applicable contaminant-specific SCOs (i.e., protection of public health, groundwater, or ecological resources) or an impervious cover (i.e., buildings, hardscape). The Track 4 cleanup also must consider: 1) the less common exposure scenario of the construction or maintenance worker who may need to perform periodic grounds keeping or other subsurface work (e.g., utility repairs) involving work beneath the cover system, and 2) the need to remediate grossly impacted soil (such as those exhibiting strong visual and olfactory impact impact) where feasible per NYSDEC cleanup policy. The Track 4 cleanup activities would include: soil excavation, in situ groundwater remediation, institutional controls (e.g., groundwater and land use restrictions, Site Management Plan and Environmental Easement), and engineering controls (e.g., cover systems, subslab depressurization system) as components of the final remedy to reduce future potential exposure to impacted soil and groundwater.

7.4.4 Groundwater

Groundwater collected from monitoring well MW-4A, and temporary monitoring wells TPMW-1, -2, -7, and -11 contained concentrations of cVOCs above GWQS/GVs. The inorganic compounds detected in groundwater monitoring wells at concentrations above GWQS/GVs were limited to iron, magnesium, manganese, and sodium, which are considered ubiquitous groundwater constituents for this area.

7.4.5 Identification of Remedial Alternatives

The following remedial alternatives have been developed in accordance with the RAOs, GRAs, and NYSDEC regulation and policy:

- Alternative 1: No Action
- Alternative 2: Unrestricted Use (Track 1) Cleanup
- Alternative 3: Restricted-Use (Track 4) Cleanup

7.4.5.1 Alternative 1: No Action

The no action alternative is defined as performing no remedial actions on the Site. In addition, no engineering or institutional controls would be put in place under this alternative.

Overall Protectiveness of Public Health and the Environment – This alternative would not protect public health and the environment as the soil and groundwater are impacted above the SCOs. Future site workers would be exposed to contamination and impacted groundwater would be allowed to migrate off-site. Therefore, this alternative would not meet the RAOs for the Site.

Compliance with SCGs – Soil with contaminant concentrations in excess of the SCOs remain and groundwater concentration exceed the GWQS/GVs. Therefore, this alternative does not comply with the SCGs.

Long-Term Effectiveness and Permanence – This alternative provides no long-term effectiveness and permanence since the risk of exposure to impacted soil and groundwater remains.

Reduction of Toxicity, Mobility, or Volume of Contamination through Treatment – There is no reduction of toxicity, mobility, or volume of contaminants with this alternative.

Short-Term Impacts and Effectiveness – There are no short-term impacts associated with the no action alternative.

Implementability – There are no technical or administrative implementability issues associated with the no action alternative.

Cost-Effectiveness – There are no capital or operation, maintenance, and monitoring (OM&M) costs associated with the no action alternative.

Community Acceptance – The community would not accept this alternative as performing no remedial action is not protective of public health and the environment.

Land Use – This alternative is not consistent with the reasonably anticipated future use of the Site in a restricted-residential capacity as it is not protective of public health and the environment.

7.4.5.2 Alternative 2: Unrestricted Use (Track 1) Cleanup

Alternative 2 consists of excavation and off-site disposal of all soil that contains chemical constituents at concentrations greater than 6NYCRR Part 375 SCOs for unrestricted use and/or has evidence of grossly contaminated media. Achieving these Track 1 remediation goals (Section 4 and Part 4.4 (d)(2) of DER-10) obviates the need for engineering and institutional controls related to Site soils. For unrestricted use scenarios, excavation and off-site disposal of impacted soil is generally regarded as the most applicable remedial measure, because engineering controls cannot be used to supplement the remedy.

Table 5 indicates the soil samples with concentrations above the unrestricted use SCOs. Since soil impacts were observed up to 14 fbgs, the alternative assumes an impact to the required cleanup depth of 15 fbgs. Figure 16 illustrates the areas assumed to be impacted above the unrestricted use SCOs. Thus, the volume of impacted soil requiring excavation and off-site disposal, allowing for excavation inefficiencies and contingency, is approximately 7,200 CY (est. 11,520 tons). An estimated 4,900 square feet of the building floor would require removal to access the impacted soil.

Based on the total concentrations, the impacted soil is assumed to be characteristically non-hazardous and would therefore be disposed in a commercial solid waste disposal facility under a Contained-In Determination (see Appendix H) to relieve land ban exclusions related to listed (cVOC-impacted soil). Excavated materials would require handling and preparation for off-site transportation and disposal. Due to the shallow groundwater table, a dewatering system would be installed to facilitate excavation activities. Water generated during the dewatering activities would be treated on-site via temporary water treatment system and then discharged to the sanitary sewer under a temporary

discharge permit. Excavated areas would be backfilled with material meeting the BCP criteria presented in DER-10 and 6NYCRR Part 375 to the pre-excavation elevations and grades, and all disturbed areas would be restored with topsoil and grass seeding; hardscape; or new concrete floor.

Under this alternative, the groundwater concentrations would be expected to decrease over time since the source will have been removed. However, a restriction on groundwater use may be included as a component of the remedial program per 6NYCRR Part 375-3.8(e)(1)(iii).

Overall Protectiveness of Public Health and the Environment – Excavation and off-site disposal to unrestricted use SCOs would be protective of public health under any reuse scenario. However, this alternative would permanently use and displace approximately 7,200 CY of valuable landfill airspace, causing ancillary environmental issues due to reduced landfill capacity, and would require excavating, transporting, and placing that same quantity of clean soil from an off-site borrow source to backfill the excavation, also contributing to detrimental off-site environmental issues.

Compliance with SCGs – Excavation and off-site disposal would need to be performed in accordance with applicable, relevant, and appropriate SCGs. Soil excavation activities would necessitate preparation of and adherence to a community air monitoring plan (CAMP) in accordance with Appendices 1A and 1B of DER-10.

Long-Term Effectiveness and Permanence – This alternative would remove all impacted soil and the source of groundwater contamination, thereby providing long-term effectiveness and permanence.

Reduction of Toxicity, Mobility, or Volume of Contamination through Treatment – Through removal of all impacted soil, this alternative would permanently and significantly reduce the toxicity, mobility, and volume of contamination on the Site. However, since this alternative transfers Site soil from one environment to another, an overall reduction of toxicity and volume would not occur, although mobility of soluble constituents would be reduced in the commercial landfill with a liner, leachate collection, and a cover system.

Short-Term Impacts and Effectiveness – The principal advantage of a large-scale excavation to achieve unrestricted SCOs is reliability of effectiveness in the long-term. The short-term adverse impacts and risks to the community, workers, and environment during implementation of this alternative are significant. Site workers would be at greater risk of injury due to the depth of the excavation and increased use of heavy equipment. Other physical hazards, primarily related to potential accidents from heavy truck traffic, would be expected as the excavation work would require removal of approximately 515 truckloads of soil and import of a similar number of clean loads from the borrow source. Dust control methods would be required to limit the release of particulates during placement of the backfill soils; however, substantial disruption of the neighboring community would occur due to material transport and deliveries and noise from heavy equipment used to construct the remedy. This action would result in storm water impacts at the borrow source(s) and on-site; diesel fuel consumption on the order of 5,200 gallons (assuming 80 miles round trip to a local landfill; 8 miles per gallon), with several hundreds of gallons also consumed by excavation and grading equipment. The USEPA's estimated CO_2 generation rate for diesel engines is approximately 22.2 pounds per gallon of diesel consumed. Accordingly, this alternative would produce over 100,000 pounds of greenhouse gas.

This alternative represents a significant adverse effect in the short-term; however, the RAOs would be achieved once the soil is removed from the Site and backfill soils are in place (est. 3 months).

Implementability – Significant technical implementability issues would be encountered in construction of this unrestricted use alternative. Technical implementability issues may include, but are not limited to: access to the various areas within the building to cut and remove the concrete floor; shoring/stabilizing excavation sidewalls to prevent sloughing during the 15-foot excavations; the need for construction, maintenance, and operation of dewatering facilities; groundwater and/or storm water handling, treatment and/or discharge/disposal; and traffic coordination for trucks entering and exiting the Site. In addition, floor removal and deep excavation of native material adjacent to and within the footprint of the building will result in geotechnical and safety issues relating to structural integrity of building foundation. No significant administrative implementability issues are expected under this alternative; however it would likely necessitate the temporary relocation

of existing building tenants due to the extent of the interior excavations and the disruption of business operations.

Cost-Effectiveness – The remedial costs for implementation of Alternative 2 are estimated at $941,900. Table 12 provides a breakdown of these remedial costs.

Community Acceptance – Since this alternative is protective of public health and the environment, the community would likely accept the unrestricted use alternative; however, significant short-term disruption may result in complaints by neighbors and current building tenants. Community acceptance will be evaluated based on comments to be received from the public in response to Fact Sheets and other planned Citizen Participation activities.

Land Use – This alternative is consistent with the reasonably anticipated future use of the Site.

7.4.5.3 Alternative 3: Restricted-Use (Track 4) Cleanup

A Track 4 cleanup approach would include focused remedial efforts to address areas of elevated impact and/or source materials with cover to address areas of the Site where impacts remain above RRSCOs. As discussed in Section 7.1.1, the arsenic SSAL of 24 mg/kg is proposed under the Track 4 alternative, with cVOC-impacted areas remediated to RRSCOs to the extent feasible. Soil concentrations that meet the NYSDEC Part 375-6.8(b) RRSCOs as well as the PGW SCOs but exceed the arsenic SSAL may remain in-place without additional cover material provided the arsenic concentration is below 24 mg/kg and the soil is not grossly impacted. Appendix I presents the statistical analysis to support the arsenic SSAL. The Track 4 approach will include the following components as illustrated on Figure 17:

- Excavation of an approximate 42-foot by 42-foot by 4 feet deep area for the planned vault followed by off-site disposal of asphalt and soil as non-hazardous waste under a Contained-In Determination. Dewatering of the excavation will be performed as necessary with collected water treated and discharged to the sanitary sewer under a temporary discharge permit. Groundwater treatment amendments will be applied to the bottom of the excavation and mixed prior to backfilling with approximately 3 feet of structural fill. A vapor barrier with minimum thickness of 6-mil will be placed over the fill followed by a 1-foot thick reinforced

concrete slab. An estimated 1,200 pounds of 3-DMicroEmulsion™ (3-DMe), 400 pounds of Chemical Reducing Solution (CRS®), and 2 gallons of Bio-Dechlor INOCULUM® Plus (BDI Plus) will be applied at a bottom depth of approximately 4 fbgs.

- Excavation of an estimated 0.3 CY of soil for the three footers to support the planned Porte Cochere followed by off-site disposal of asphalt and soil under the Contained-In Determination.
- Removal of sediment from catch basin CB-1 followed by off-site disposal as a characteristic hazardous waste. The inverts will be plugged and the interior of the catch basin will be steam cleaned. The water will be collected and properly disposed off-site. The catch basin will be removed and the surrounding soil will be sampled. One bottom sample and a composite of soil collected from each sidewall of the CB-1 excavation will be submitted for analysis of TCL VOCs; additional soil may require excavation and off-site disposal if significant RRSCO exceedances are encountered.
- Excavation of an estimated 70 linear feet of storm sewer pipe and bedding stone from catch basin CB-1 approximately halfway to CB-2. The excavated material will be disposed off-site under the Contained-In Determination. Prior to backfilling, up to three soil samples will be collected from the bottom of the excavation for analysis of TCL VOCs; additional soil may require excavation and off-site disposal if significant RRSCO exceedances are encountered. A new catch basin (to be identified as CB-7) and new storm sewer drain pipe will be installed effectively re-routing the existing configuration away from the vault to avoid structural issues with the planned vault construction (see Figure 2).
- Direct injection of groundwater treatment amendments over an approximate 3,147 square-foot area. The amendments will be delivered over a treatment interval of approximately 4 to 14 fbgs at 12 injection point locations. Over the 12 injection points, an estimated 2,000 pounds (240 gallons) of 3-DMe, 800 pounds (91 gallons) of CRS, and 3 gallons of BDI Plus will be delivered. Water will be mixed with the 3-DMe and BDI Plus; therefore, the volume of water/ amendments per injection point is approximately 216 gallons.
- Installation of an Active Sub-slab Depressurization (ASD) system within the building areas addressed as 3031 through 3041. The ASD system will consist of 19 suction cavities, 3-inch PVC risers, 4-inch PVC overhead manifold lines, and three exterior roof fans.
- Maintenance and repair/reconstruction, as necessary, of the existing soil (landscape) and impervious (i.e., asphalt paved driveways and parking lots, and concrete pads, etc.) cover systems.

- Implementation of a Site Management Plan (SMP). For any BCP Site not remediated to meet NYSDEC Part 375 unrestricted use SCOs, preparation of an SMP that describes site-specific Engineering Controls and Institutional Controls (EC/ICs) is a required component of the final remedy. The SMP will include the following components: EC/IC Plan; Operations and Maintenance (O&M) Plan; Excavation Work Plan; Site Monitoring Plan; and Environmental Easement.

Overall Protectiveness of Public Health and the Environment – This alternative meets NYSDEC requirements for a Track 4 cleanup under the BCP regulations and is protective of public health and the environment. The RAOs for the Site would be satisfied through the planned remedial activities, including: removal and off-site disposal of impacted soil; in situ groundwater treatment to mitigate Site groundwater and reduce the potential for off-site migration; placement of a vapor barrier beneath the vault and installation of an ASD system in the building to mitigate potential on-site VOC vapor intrusion concerns; maintenance of existing cover systems (soil and imperious) across the Site; and the use of EC/ICs to prevent potential future exposure and limit the future Site use to restricted-residential.

Compliance with SCGs – The remedial activities will be performed in accordance with applicable, relevant, and appropriate SCGs (see Table 11). Imported cover material will meet backfill quality criteria per DER-10 and 6NYCRR Part 375. Subgrade activities will adhere to a CAMP in accordance with Appendices 1A and 1B of DER-10. The planned remedial actions will be fully protective of public health and the environment, and achieve all RAOs for the Site.

Long-Term Effectiveness and Permanence – Removal of impacted soil and sediment, and maintenance of the existing cover systems will prevent direct contact with soil exceeding the RRSCOs. In situ treatment will permanently reduce the potential for off-site migration of contaminated groundwater. Periodic inspection and maintenance of the cover systems will be required to assure long-term cover integrity. Placement of a vapor barrier (vault) and ASD system within the existing building will mitigate potential on-site VOC vapor intrusion concerns. The SMP will include: an O&M Plan to confirm that engineering controls (i.e., cover and ASD systems) are operating and being maintained in accordance with the SMP; an Excavation Work Plan to address any impacted soil encountered during

redevelopment and post-development maintenance activities; and a Site-wide inspection program to assure that the EC/ICs placed on the Site have not been altered and remain effective. Furthermore, an Environmental Easement for the Site will be filed with Erie County, which will limit the future use of the Site to restricted-residential, restrict groundwater use, and reference the NYSDEC-approved SMP. As such, this alternative will provide long-term effectiveness and permanence.

Reduction of Toxicity, Mobility, or Volume of Contamination through Treatment – Excavation and off-site disposal of impacted soil will permanently and significantly reduce the toxicity, mobility, and volume of soil that could potentially be contacted or produce localized areas of environmental impact at the Site. In situ groundwater treatment will permanently reduce the toxicity and volume of contamination. Accordingly, this alternative satisfies this criterion.

Short-Term Effectiveness and Impacts – During intrusive remedial activities, air monitoring will be performed to assure conformance with community air monitoring action levels. The potential for chemical exposures and physical injuries will be reduced through safe work practices; proper personal protection equipment (PPE); environmental monitoring; establishment of work zones and Site control; and appropriate decontamination procedures. Soil excavation/backfill and in situ groundwater treatment is estimated to be completed within a 2-month period thereby limiting short-term adverse effects. Remedial activities will be performed in accordance with the approved IRM Work Plan, including health and safety plan (HASP) and CAMP. This alternative achieves the RAOs for the Site.

Implementability – No significant technical or administrative implementability issues are associated with this alternative.

Cost-Effectiveness – The estimated capital cost for Alternative 3 is $353,800. Annual OM&M costs for cover system maintenance, operation of the ASD system, groundwater monitoring, and annual certification are estimated to be $13,000. Therefore, the 30-year present worth cost to implement Alternative 3 is estimated at $608,700. Table 13 provides a breakdown of these remedial costs.

Land Use – Based on the land use evaluation presented in Appendix G, reuse of the Site in a commercial capacity is consistent with past and current development and zoning on-site and within the vicinity of the Site, and does not pose additional environmental or public health risks.

Community Acceptance – Community acceptance will be evaluated based on comments to be received from the public in response to Fact Sheets and other planned Citizen Participation activities.

7.4.6 Comparison of Remedial Alternatives

The previous sections describe and evaluate the remedial alternatives for the Site against the screening criteria. Table 14 provides a comparison of the alternatives to identify appropriate remedial measures that will achieve the RAOs for the Site.

7.4.7 Preferred Remedial Alternative

The proposed remedial approach for the Site is *Alternative 3; Restricted-Use (Track 4) Cleanup* because it is fully protective of public health and the environment; is less disruptive to the community; is consistent with current and future land use and the redevelopment plan; and represents a more cost-effective approach than Alternative 2 while fully satisfying the RAOs for the Site. Alternative 3 would constitute the final remedy for the Site.

In summary, Alternative 3 would involve:

- Excavation of an approximate 42-foot by 42-foot by 4 feet deep area for the planned vault followed by off-site disposal of asphalt and soil under the Contained-In Determination. Groundwater treatment amendments will be applied to the bottom of the excavation and mix prior to backfilling with 3 feet of structural fill. A vapor barrier with minimum thickness of 6-mil will be placed over the fill followed by a 1-foot thick concrete slab.
- Excavation of an estimated 0.3 CY of soil for the three footers to support the planned Porte Cochere followed by off-site disposal of asphalt and soil under the Contained-In Determination.
- Removal of sediment from catch basin CB-1 followed by off-site disposal as a characteristic hazardous waste. The inverts will be plugged and the interior of the catch basin will be steam cleaned. The water will be collected and properly disposed off-site. The catch basin will be removed and the surrounding soil will be sampled. One bottom sample and a composite of soil collected from each

sidewall will be submitted for analysis of TCL VOCs; additional soil may require excavation and off-site disposal if significant RRSCO exceedances are encountered.

- Excavation of an estimated 70 linear feet of storm sewer pipe and bedding stone from catch basin CB-1 approximately halfway to CB-2. The excavated material will be disposed off-site under the Contained-In Determination. Prior to backfilling, up to three soil samples will be collected from the bottom of the excavation for analysis of TCL VOCs; additional soil may require excavation and off-site disposal if significant RRSCO exceedances are encountered. A new catch basin (to be identified as CB-7) and new storm sewer drain pipe will be installed effectively re-routing the existing configuration away from the vault to avoid structural issues with the planned vault construction (see Figure 2).
- Direct injection of groundwater treatment amendments over an approximate 3,147 square-foot area. The amendments will be delivered over a treatment interval of approximately 4 to 14 fbgs at 12 injection point locations. The volume of water/amendments per injection point is approximately 216 gallons.
- Installation of an Active Sub-slab Depressurization (ASD) system within the building areas addressed as 3031 through 3041. The ASD system will consist of 19 suction cavities, 3-inch PVC risers, 4-inch PVC overhead manifold lines, and three exterior roof fans.
- Maintenance and repair/reconstruction, as necessary, of the existing soil (landscape) and impervious (i.e., asphalt paved driveways and parking lots, and concrete pads, etc.) cover systems.
- Implementation of a SMP that will include:
    - EC/IC Plan. Engineering controls include any physical barrier or method employed to actively or passively contain, stabilize, or monitor contaminants; restrict the movement of contaminants; or eliminate potential exposure pathways to contaminants. Institutional controls at the Site will include restrictions on groundwater use and Site use to restricted-residential.
    - Excavation Work Plan to assure that future intrusive activities and soil handling at the Site are completed in a safe and environmentally responsible manner.
    - Site Monitoring Plan that includes provisions for a Site-wide inspection program to assure that the EC/ICs have not been altered and remain effective.
    - Environmental Easement filed with Erie County.

The components and details of the remedial work will be fully described in the Final Engineering Report.

8.0 REPORTING & POST-REMEDIAL REQUIREMENTS

8.1 Electronic Copy of RI/AA Report

Appendix J includes an electronic version of this RI/AA Report.

8.2 Final Engineering Report (FER)

Following completion of the remedial measures, a Final Engineering Report (FER) will be submitted to the NYSDEC. The FER will include the following information and documentation, consistent with the NYSDEC regulations contained in 6NYCRR Part 375-1.6(c):

- Background and Site description.
- Summary of the Site remedy that satisfied the RAOs for the Site.
- Certification by a professional engineer to satisfy the requirements outlined in 6NYCRR Part 375-1.6(c)(4).
- Description of engineering and institutional controls at the Site.
- Site map showing the areas remediated.
- Documentation of imported materials.
- Documentation of materials disposed off-site.
- Copies of daily inspection reports and, if applicable, problem identification and corrective measure reports.
- Two rounds of post-remedial groundwater monitoring data.
- Sub-slab and ambient air monitoring data and reports.
- CAMP data and reports.
- Photo documentation of remedial activities.
- Text describing the remedial activities performed; a description of any deviations from the IRM Work Plan and associated corrective measures taken; and other pertinent information necessary to document that the site activities were carried out in accordance with the IRM Work Plan.
- Analytical data packages and DUSRs.

8.3 Site Management Plan (SMP)

A Site Management Plan (SMP) will be prepared and submitted concurrent with the FER. The purpose of the SMP is to assure that proper procedures are in place to provide for long-term protection of public health and the environment after remedial construction is complete. The SMP is comprised of four main components:

- Engineering Control and Institutional Control (EC/IC) Plan
- Site Monitoring Plan
- Operation and Maintenance Plan
- Inspections, Reporting, and Certifications

8.3.1 Engineering and Institutional Control Plan

An institutional control in the form of a new Environmental Easement will be necessary to limit future use of the Site to restricted-residential applications, which is more restrictive than the commercial end-use of the Site, and prevent groundwater use for potable purposes.

The EC/IC Plan will include a complete description of all institutional and/or engineering controls employed at the Site, including the mechanisms that will be used to continually implement, maintain, monitor, and enforce such controls. The EC/IC Plan will include:

- A description of all EC/ICs on the site.
- The basic implementation and intended role of each EC/IC.
- A description of the key components of the ICs set forth in the Environmental Easement.
- A description of the features to be evaluated during each required inspection and periodic review, including the EC/IC certification, reporting, and Site monitoring.
- Any other provisions necessary to identify or establish methods for implementing the EC/ICs required by the Site remedy, as determined by the NYSDEC.

8.3.2 Site Monitoring Plan

The Site Monitoring Plan will describe the measures for evaluating the performance and effectiveness of the remedy to reduce or mitigate contamination at the Site, including:

- Sampling and analysis of all appropriate media (e.g., groundwater, indoor air).

- Assessing compliance with applicable NYSDEC standards, criteria and guidance, particularly ambient groundwater quality standards.
- 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.
- Preparing the necessary reports for the various monitoring activities.

To adequately address these issues, this Site Monitoring Plan will provide 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.
- Annual inspection and periodic certification.

The need for and frequency of post-remedial groundwater monitoring (if required) as well as types of analyses to assess overall reduction in contamination on-site and off-site will also be included in the Site Monitoring Plan.

8.3.3 Operation and Maintenance Plan

An Operation & Maintenance (O&M) plan governing maintenance of the cover systems and ASD System will:

- Include the operation and maintenance activities necessary to allow individuals unfamiliar with the Site to maintain the cover systems and operate the ASD system.
- Include an O&M contingency plan.
- Evaluate Site information periodically to confirm that the remedy continues to be effective for the protection of public health and the environment. If necessary, the O&M Plan will be updated to reflect changes in Site conditions or the manner in which the cover system is maintained or the ASD system is operated.

8.3.4 Inspections, Reporting, and Certifications

8.3.4.1 Inspections

Site-wide inspection will be conducted annually or as otherwise approved by the NYSDEC. All applicable inspection forms and other records, including all media sampling data and system maintenance reports, generated for the Site during the reporting period will be provided in electronic format in a Periodic Review Report (PRR).

8.3.4.2 Reporting

The PRR will be submitted to the NYSDEC annually, or as otherwise approved, beginning 15 months after the Certificate of Completion or equivalent document is issued. The report will be prepared in accordance with NYSDEC DER-10 and submitted within 45 days of the end of each certification period. The PRR will include:

- Identification, assessment, and certification of all EC/ICs required by the remedy for the Site.
- Results of the required annual Site inspections and severe condition inspections, if applicable.
- All applicable inspection forms and other records generated for the Site during the reporting period in electronic format.
- A summary of any discharge monitoring data and/or information generated during the reporting period with comments and conclusions.
- Data summary tables and graphical representations of contaminants of concern by media, which include a listing of all compounds analyzed, along with the applicable standards, with all exceedances highlighted. These will include a presentation of past data as part of an evaluation of contaminant concentration trends.
- Results of all analyses, copies of all laboratory data sheets, and the required laboratory data deliverables for all samples collected during the reporting period will be submitted electronically in a NYSDEC-approved format.
- A Site evaluation that includes the following:
  - The compliance of the remedy with the requirements of the site-specific RAWP, ROD, or Decision Document.
  - The operation and the effectiveness of all treatment units, etc., including identification of any needed repairs or modifications.

- Any new conclusions or observations regarding site contamination based on inspections or data generated by the Site Monitoring Plan for the media being monitored.
- Recommendations regarding any necessary changes to the remedy and/or Site Monitoring Plan.
- The overall performance and effectiveness of the remedy.

8.3.4.3 Certification

The signed EC/IC Certification will be included in the PRR described in Section 9.2.4.2: For each EC/IC identified for the Site, a Professional Engineer licensed to practice in New York State will certify that all of the following statements are true:

- The inspection of the Site to confirm the effectiveness of the EC/ICs required by the remedial program was performed under my direction.
- The EC/ICs employed at this Site are unchanged from the date the control was put in place, or last approved by the NYSDEC.
- Nothing has occurred that would impair the ability of the control to protect the public health and environment.
- Nothing has occurred that would constitute a violation or failure to comply with any SMP for this control.
- Access to the Site will continue to be provided to the NYSDEC to evaluate the remedy, including access to evaluate the continued maintenance of this control.
- If a financial assurance mechanism is required under the oversight document for the Site, the mechanism remains valid and sufficient for the intended purpose under the document.
- Use of the Site is compliant with the Environmental Easement.
- The ECs are performing as designed and are effective.
- 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.
- The information presented in this report is accurate and complete.

8.3.4.4 Corrective Measures Plan

If any component of the remedy is found to have failed, or if the periodic certification cannot be provided due to the failure of an EC/IC, a Corrective Measures Plan

will be submitted to the NYSDEC for approval. This Plan will explain the failure and provide the details and schedule for performing work necessary to correct the failure. Unless an emergency condition exists, no work will be performed pursuant to the Corrective Measures Plan until it is approved by the NYSDEC.

9.0 REFERENCES

1. LCS Inc. *ASTM E1527-05 All Appropriate Inquiries Phase I Environmental Site Assessment Report for the Property Identified as: Commercial Plaza, 3021-3041 Orchard Park Road, Orchard Park, New York*. October 10, 2013.
2. LCS Inc. *Limited and Focused Subsurface Soil and Groundwater Investigation Report for the Property Identified as: Commercial Plaza, 3021-3041 Orchard Park Road, Orchard Park, New York*. May 14, 2014.
3. TurnKey Environmental Restoration, LLC. *Supplemental Phase II Environmental Investigation, 3021-3041 Orchard Park Road, Orchard Park, New York*. June 2014.
4. New York State Department of Health. *Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York*. October 2006. (Update memo dated June 25, 2007.)
5. EmpireGeo Services, Inc. *Geotechnical Evaluation Report for Proposed Medical Campus Addition, Orchard Park, New York*. December 3, 2014.
6. Benchmark Environmental Engineering & Science, PLLC and TurnKey Environmental Restoration, LLC. *Remedial Investigation/Interim Remedial Measures/Alternatives Analysis Work Plan, 3021 Orchard Park Road Site, Orchard Park, New York*. November 2014.
7. United States Department of Agriculture (USDA), Soil Conservation Service. *Soil Survey of Erie County, New York*. December 1986.
8. *Surficial Geologic Map of New York, Niagara Sheet*, Compiled and edited by Donald H. Cadwell, University of the State of New York, The State Education Department, 1988.
9. United States Department of Agriculture (USDA), Natural Resources Conservation Service Web Soil Survey, Version 12, December 15, 2013. http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm. Accessed June 17, 2014.
10. Edward J. Buehler and Irving H. Tesmer. *Geologic Map of Erie County, New York Bedrock Geology*. Buffalo Society of Natural Sciences Bulletin, Vol. 21, No. 3. 1963.
11. National Oceanic & Atmospheric Administration (NOAA) Satellites and Information. Data Tables through 2000.
12. United States Census Bureau. *Community Facts*. Orchard Park, Erie County, New York. 2010.
13. New York State Department of Environmental Conservation. *DER-10; Technical Guidance for Site Investigation and Remediation*. May 2010.

14. New York State Department of Environmental Conservation. *CP-51/Soil Cleanup Guidance*. October 21, 2010.

TABLES

TABLE 1

RI ANALYTICAL TESTING PROGRAM SUMMARY FOR SOIL & SEDIMENT

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Sample Identifier	Data Source	Drilling Method		Depth to (fbgs)			Depth Sampled (fbgs)	Analysis												Sampled (less QA/QC)	Laboratory Analytical Report No.	Date (Sampled or Advanced)	Validated	EQuIS	Comments
		Geoprobe	Hollow Stem Auger	Native	GW	TD		TCL + CP-51 VOCs	TCL VOCs	TCL SVOCs	TAL Metals (Total)	TCL PCBs	Pesticides	Herbicides	TCLP VOCs	TCLP Metals	Ignitability	Reactivity	Corrosivity						
Subsurface Soil/Fill (Soil Borings) & Sediment (Catch Basins)																									
BH-1 / TPMW1	LCS Phase II	x		0.8	3.0	16.0	0.8 - 4.0		X												NA	05/07/2014	NA	NA	
BH-2	LCS Phase II	x		0.5	NA	8.4	NA														NA	05/07/2014	NA	NA	
BH-3 / TPMW2	LCS Phase II	x		1.0	5.0	18.5	6.0 - 8.0		X												NA	05/07/2014	NA	NA	
BH-4 / TPMW3	LCS Phase II	x		1.0	4.5	18.4	12.0 - 14.0		X												NA	05/07/2014	NA	NA	
BH-5	LCS Phase II	x		1.0	6.0	16.0	NA														NA	05/07/2014	NA	NA	
BH-6 / TPMW4	LCS Phase II	x		1.0	6.0	16.0	2.0 - 4.0		X												NA	05/07/2014	NA	NA	
BH-7 / TPMW5	LCS Phase II	x		0.6	5.0	16.0	0.5 - 2.0		X												NA	05/07/2014	NA	NA	
BH-8 / TPMW6	LCS Phase II	x		0.6	5.0	16.0	0.5 - 2.0		X												NA	05/07/2014	NA	NA	
BH-9	LCS Phase II	x		0.6	NA	16.0	NA														NA	05/07/2014	NA	NA	
SB-1	BMTK Supp. Phase II	x		na	NA	2.0	1.5 - 2.0		X											X	L1410959	05/20/2014	03/31/2015	04/15/2015	
SB-2	BMTK Supp. Phase II	x		na	NA	2.5	1.0 - 2.5		X											X	L1410959	05/20/2014	03/31/2015	04/15/2015	
SB-3	BMTK Supp. Phase II	x		na	NA	3.0	2.5 - 3.0		X											X	L1410959	05/20/2014	03/31/2015	04/15/2015	
SB-4	BMTK Supp. Phase II	x		na	NA	3.0	2.5 - 3.0		X											X	L1410959	05/20/2014	03/31/2015	04/15/2015	
SB-5	BMTK Supp. Phase II	x		na	NA	3.0	2.5 - 3.0		X											X	L1410959	05/20/2014	03/31/2015	04/15/2015	
SB-6	BMTK Supp. Phase II	x		na	NA	3.0	2.5 - 3.0		X											X	L1410959	05/20/2014	03/31/2015	04/15/2015	
B-1 (SJB-6)	Remedial Investigation		x	2.0	9.0	22.5	0.3 - 2.0	X												X	L1427049	11/10/2014	03/31/2015	04/15/2015	
B-2 (SJB-8)	Remedial Investigation		x	0.3	4.0	16.2	NA														NA	11/10/2014	NA	NA	
B-3 (SJB-7)	Remedial Investigation		x	0.3	15.0	18.4	2.0 - 4.0								X	X	X	X	X	X	L1427155	11/11/2014	03/31/2015	04/15/2015	waste characterization for Vault Area
B-4 (SJB-5)	Remedial Investigation		x	0.3	9.0	17.4	2.0 - 4.0																03/31/2015	04/15/2015	
B-5 (SJB-4)	Remedial Investigation		x	0.3	16.0	21.0	0.4 - 4.0	X		X	X	X	X	X						X	L1427154	11/11/2014	03/31/2015	04/15/2015	MS/MSD
B-6	Remedial Investigation	x		0.3	3.5	10.0	4.0 - 8.0	X		X	X	X								X	L1430017	12/12/2014	03/31/2015	04/15/2015	
B-7	Remedial Investigation	x		0.4	NA	10.0	8.0 - 10.0	X		X	X	X								X	L1430017	12/12/2014	03/31/2015	04/15/2015	
B-8	Remedial Investigation	x		0.4	NA	11.5	9.5 - 11.5	X		X	X	X								X	L1430017	12/12/2014	03/31/2015	04/15/2015	
B-9	Remedial Investigation	x		0.3	NA	9.5	4.0 - 8.0	X		X	X	X								X	L1430017	12/12/2014	03/31/2015	04/15/2015	
B-10	Remedial Investigation	x		0.3	NA	7.0	5.0 - 7.0	X		X	X	X								X	L1430017	12/12/2014	03/31/2015	04/15/2015	
B-11	Remedial Investigation	x		0.3	4.0	9.5	2.0 - 4.0	X		X	X	X								X	L1430017	12/12/2014	03/31/2015	04/15/2015	
B-12	Remedial Investigation	x		0.3	4.0	10.0	2.0 - 4.0	X		X	X	X								X	L1430177	12/15/2014	03/31/2015	04/15/2015	
B-13	Remedial Investigation	x		0.4	NA	11.0	1.0 - 4.0	X		X	X	X								X	L1430177	12/15/2014	03/31/2015	04/15/2015	
B-14	Remedial Investigation	x		0.4	NA	11.0	1.0 - 4.0	X		X	X	X	X	X						X	L1430177	12/15/2014	03/31/2015	04/15/2015	
B-15	Remedial Investigation	x		0.3	1.0	11.0	4.0 - 8.0	X		X	X	X								X	L1430177	12/15/2014	03/31/2015	04/15/2015	MS/MSD
B-16	Remedial Investigation	x		0.4	6.0	6.0	4.0 - 6.0	X		X	X	X								X	L1430177	12/15/2014	03/31/2015	04/15/2015	inside building
B-17	Remedial Investigation	x		0.4	6.0	7.0	4.0 - 6.0	X		X	X	X								X	L1430177	12/15/2014	03/31/2015	04/15/2015	inside building
B-18	Remedial Investigation	x		0.4	4.0	10.5	4.0 - 6.0	X		X	X	X								X	L1430177	12/15/2014	03/31/2015	04/15/2015	inside building
B-19	Remedial Investigation	x		0.0	8.0	16.0	2.0 - 4.0	X		X	X	X								X	L1431379	12/30/2014	03/31/2015	04/15/2015	inside building
B-20	Remedial Investigation	x		0.0	8.0	16.0	2.0 - 4.0	X		X	X	X								X	L1431379	12/30/2014	03/31/2015	04/15/2015	inside building
B-21	Remedial Investigation	x		0.0	10.0	16.0	3.5 - 4.5	X		X	X	X								X	L1431379	12/30/2014	03/31/2015	04/15/2015	inside building
B-22	Remedial Investigation	x		0.3	8.0	10.0	1.0 - 3.0	X		X	X	X								X	L1430177	12/15/2014	03/31/2015	04/15/2015	
B-23	Remedial Investigation		x	0.6	2.0	17.3	2.0 - 4.0	X		X	X	X								X	L1500088	01/05/2015	03/31/2015	04/15/2015	completed between B-3 and B-4 for total constituents
B-24	Remedial Investigation	x		0.0	8.0	15.0	2.0 - 4.0	X		X	X	X								X	L1431379	12/30/2014	03/31/2015	04/15/2015	inside building
B-25	Remedial Investigation	x		0.0	8.0	16.0	4.0 - 5.0	X		X	X	X								X	L1431379	12/30/2014	03/31/2015	04/15/2015	inside building
MW-1A	Remedial Investigation		x	NA	NA	11.0	NA														NA	12/22/2014	NA	NA	
MW-1B	Remedial Investigation		x	0.3	2.0	23.0	2.0 - 4.0	X		X	X	X								X	L1430926	12/22/2014	03/31/2015	04/15/2015	
MW-2A	Remedial Investigation		x	NA	NA	16.0	NA														NA	12/23/2014	NA	NA	
MW-2B	Remedial Investigation		x	0.4	2.0	25.0	12.0 - 14.0	X		X	X	X								X	L1431081	12/23/2014	03/31/2015	04/15/2015	
MW-3A	Remedial Investigation		x	NA	NA	16.0	NA														NA	12/24/2014	NA	NA	
MW-3B	Remedial Investigation		x	0.0	2.0	25.0	12.0 - 14.0	X		X	X	X								X	L1431129	12/24/2014	03/31/2015	04/15/2015	
MW-4A	Remedial Investigation		x	0.6	5.0	20.0	10.0 - 18.0	X		X	X	X								X	L1431383	12/30/2014	03/31/2015	04/15/2015	
MW-5A	Remedial Investigation		x	0.3	11.0	22.0	12.0 - 22.0	X		X	X	X								X	L1431383	12/30/2014	03/31/2015	04/15/2015	
SED-1	Remedial Investigation		x	NA	NA	NA	NA	X		X	X	X								X	L1430926	12/22/2014	03/31/2015	04/15/2015	
SED-2	Remedial Investigation		x	NA	NA	NA	NA	X		X	X	X								X	L1431081	12/23/2014	03/31/2015	04/15/2015	Resample for SVOCS, TAL Metals, & TCL PCBs - exceeded holding time (L1501408)
QA/QC Samples																									
B-5 (MS/MSD)	Remedial Investigation		x	0.3	16.0	21.0	0.4 - 4.0	X		X	X	X	X	X							L1427154	11/11/2014	03/31/2015	04/15/2015	
B-15 (MS/MSD)	Remedial Investigation		x	0.3	1.0	11.0	4.0 - 8.0	X		X	X	X									L1430177	12/15/2014	03/31/2015	04/15/2015	
SED-1 (MS/MSD)	Remedial Investigation	NA	NA	NA	NA	NA	NA	X		X	X	X									L1430926	12/22/2014	03/31/2015	04/15/2015	
Blind Dup #1	Remedial Investigation		x	0.3	NA	9.5	4.0 - 8.0	X		X	X	X	X	X							L1430017	12/12/2014	03/31/2015	04/15/2015	TAKEN FROM BORING B-9
Blind Dup #2	Remedial Investigation		x	0.4	NA	11.0	1.0 - 4.0	X		X	X	X									L1430177	12/15/2014	03/31/2015	04/15/2015	TAKEN FROM BORING B-13
Blind Dup #3	Remedial Investigation	NA	NA	NA	NA	NA	NA	X		X	X	X									L1430926	12/22/2014	03/31/2015	04/15/2015	TAKEN FROM SED-1
RI/Supplemental Soil Totals:							*NA*	*NA*	*29*	*6*	*28*	*28*	*28*	*2*	*2*	*1*	*1*	*1*	*1*	*1*	*36*				
RI/Supplemental Soil MS/MSD:							*NA*	*NA*	*3*	*0*	*3*	*3*	*3*	*1*	*1*	*0*	*0*	*0*	*0*	*0*	*NA*				
RI/Supplemental Soil Blind Duplicates:							*NA*	*NA*	*3*	*0*	*3*	*3*	*3*	*1*	*1*	*0*	*0*	*0*	*0*	*0*	*NA*				
BCP Site Totals:							*NA*	*NA*	**35**		**28**	**28**	**28**	**2**	**2**	**1**	**1**	**1**	**1**	**1**	**36**				
BCP Site MS/MSD Coverage:							*NA*	*NA*	**60**		**60**	**60**	**60**	**20**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**				
BCP Site BD Coverage:							*NA*	*NA*	**60**		**60**	**60**	**60**	**20**	**20**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**				

TABLE 2

RI ANALYTICAL TESTING PROGRAM SUMMARY FOR GROUNDWATER & STORM WATER

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Sample Identifier	Data Source	Depth to (fbgs)			Depth Sampled/ Screened (fbgs)	Analysis								Sampled (less QA/QC)	Laboratory Analytical Report No.	Date (Sampled or Advanced)	Validated	EQuIS	Comments
		Native	GW	TD		TCL + STARS VOCs	TCL VOCs	TCL SVOCs	TAL Metals (Total)	TAL Metals (Diss.)	TCL PCBs	Pesticides	Herbicides						
Temporary Wells																			
BH-1 / TPMW1	LCS Phase II	0.8	5.0	16.0	4.9 - 16.0		X									05/07/2014			
BH-3 / TPMW2	LCS Phase II	1.0	12.0	18.5	5.9 - 18.2		X									05/07/2014			
BH-4 / TPMW3	LCS Phase II	1.0	4.5	18.4	7.9 - 18.4		X									05/08/2014			
BH-6 / TPMW4	LCS Phase II	1.0	6.0	16.0	4.9 - 18.5		X									05/08/2014			
BH-7 / TPMW5	LCS Phase II	0.6	5.0	16.0	4.9 - 16.0		X									05/08/2014			
BH-8 / TPMW6	LCS Phase II	0.6	5.0	16.0	4.9 - 16.0		X									05/08/2014			
BH-10 / TPMW-7	TurnKey Phase II	0.5	8.5	10.0	5.0 - 10.0		X							X	L1411100	05/22/2014	03/31/2015	04/15/2015	
BH-11 / TPMW-8	TurnKey Phase II	0.5	14.0	15.0	10.0 - 15.0		X							X	L1411100	05/22/2014	03/31/2015	04/15/2015	
BH-12 / TPMW-9	TurnKey Phase II	0.5	5.0	14.0	9.0 - 14.0		X							X	L1411100	05/22/2014	03/31/2015	04/15/2015	
BH-13 / TPMW-10	TurnKey Phase II	0.5	5.0	15.0	5.0 - 15.0		X							X	L1411100	05/22/2014	03/31/2015	04/15/2015	
BH-14 / TPMW-11	TurnKey Phase II	0.5	5.0	15.0	10.0 - 15.0		X							X	L1411100	05/22/2014	03/31/2015	04/15/2015	
Monitoring Wells (Round 1)																			
MW-1A	Remedial Investigation	na	na	na	3.0 - 11.0	X		X	X		X	X	X		L1500729	01/12/2015	03/31/2015	04/15/2015	
MW-1B (MS/MSD)	Remedial Investigation	na	na	na	13.0 - 23.0	X		X	X	X	X	X	X		L1500729	01/12/2015	03/31/2015	04/15/2015	
MW-2A	Remedial Investigation	na	na	na	6.0 - 16.0	X		X	X		X	X	X		L1500729	01/12/2015	03/31/2015	04/15/2015	
MW-2B	Remedial Investigation	na	na	na	18.0 - 25.0	X		X	X		X	X	X		L1500729	01/12/2015	03/31/2015	04/15/2015	
MW-3A	Remedial Investigation	na	na	na	6.0 - 16.0	X		X	X	X	X	X	X		L1500729	01/13/2015	03/31/2015	04/15/2015	
MW-3B	Remedial Investigation	na	na	na	18.0 - 25.0	X		X	X	X	X	X	X		L1500729	01/13/2015	03/31/2015	04/15/2015	
MW-4A	Remedial Investigation	na	na	na	5.0 - 20.0	X		X	X	X	X	X	X		L1500729	01/12/2015	03/31/2015	04/15/2015	
MW-5A	Remedial Investigation	na	na	na	7.0 - 22.0	X		X	X	X	X	X	X		L1500729	01/12/2015	03/31/2015	04/15/2015	
CB-3	Remedial Investigation	na	na	na	na	X									L1500729	01/12/2015	03/31/2015	04/15/2015	
Blind Dup #1	Remedial Investigation	na	na	na	18.0 - 25.0	X		X	X		X	X	X		L1500729	01/12/2015	03/31/2015	04/15/2015	Taken from MW-2B
Blind Dup #2	Remedial Investigation	na	na	na	6.0 - 16.0					X					L1500729	01/12/2015	03/31/2015	04/15/2015	Taken from MW-3A
Trip Blank	Remedial Investigation	na	na	na	na	X		X	X		X	X	X		L1500729	01/12/2015	03/31/2015	04/15/2015	
Equipment Blank	Remedial Investigation	na	na	na	na	X		X	X		X	X	X		L1500729	01/12/2015	03/31/2015	04/15/2015	
Monitoring Wells (Round 2)																			
MW-1A	Remedial Investigation	na	na	na	3.0 - 11.0	X									L1506003	03/25/2015	03/31/2015	04/15/2015	
MW-1B	Remedial Investigation	na	na	na	13.0 - 23.0	X									L1506003	03/25/2015	03/31/2015	04/15/2015	
MW-2A	Remedial Investigation	na	na	na	6.0 - 16.0	X									L1506003	03/25/2015	03/31/2015	04/15/2015	
MW-2B	Remedial Investigation	na	na	na	18.0 - 25.0	X									L1506003	03/25/2015	03/31/2015	04/15/2015	
MW-3A	Remedial Investigation	na	na	na	6.0 - 16.0	X									L1506003	03/25/2015	03/31/2015	04/15/2015	
MW-3B	Remedial Investigation	na	na	na	18.0 - 25.0	X									L1506003	03/25/2015	03/31/2015	04/15/2015	
MW-4A	Remedial Investigation	na	na	na	5.0 - 20.0	X									L1506003	03/25/2015	03/31/2015	04/15/2015	
MW-5A	Remedial Investigation	na	na	na	7.0 - 22.0	X									L1506003	03/25/2015	03/31/2015	04/15/2015	
Trip Blank	Remedial Investigation	na	na	na	na	X									L1506003	03/25/2015	03/31/2015	04/15/2015	
Equipment Blank	Remedial Investigation	na	na	na	na	X									L1506003	03/25/2015	03/31/2015	04/15/2015	
Storm Water																			
CB-3	Remedial Investigation	na	na	na	na	X									L1500729	01/12/2015	03/31/2015	04/15/2015	
					Groundwater Totals:	*18*	*11*	*8*	*8*	*5*	*8*	*8*	*8*	*5*					
					MS/MSD:	*1*	*0*	*1*	*1*	*0*	*1*	*1*	*1*	*NA*					
					Blind Duplicates:	*1*	*0*	*1*	*1*	*0*	*1*	*1*	*1*	*NA*					
					Equipment Blanks:	*2*	*0*	*1*	*1*	*0*	*1*	*1*	*1*	*NA*					
					Trip Blanks:	*2*	*0*	*1*	*1*	*0*	*1*	*1*	*1*	*NA*					

Notes:
1. Developed wells on 01/05/2015

TABLE 3

WELL CONSTRUCTION DETAILS

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Well I.D.	Northing	Easting	Ground Elevation (fmsl)	TOR Elevation (fmsl)	Install Date	Contractor	Total Depth		Screened Interval (fmsl)		Screen Length (feet)	Screened Interval (fbgs)		Riser / Screen Diam. (in.)	Riser / Screen Material	Screen Slot Size (in.)	Stratigraphic Unit Monitoring
							fbTOR	fbgs	top	bottom		top	bottom				
Temporary Monitoring Wells																	
TPMW-1	1021337.844	1102779.724	NA	NA	5/7/2014	Trec Environmental	NA	16.00	NA	NA	10	6.00	16.00	1	PVC/PVC	0.010	OB / R
TPMW-2	1021298.711	1102756.348	NA	NA	5/7/2014	Trec Environmental	NA	15.90	NA	NA	10	5.90	15.90	1	PVC/PVC	0.010	OB / R
TPMW-3	1021234.888	1102717.148	NA	NA	5/7/2014	Trec Environmental	NA	17.90	NA	NA	10	7.90	17.90	1	PVC/PVC	0.010	OB
TPMW-4	1021273.645	1102624.745	NA	NA	5/7/2014	Trec Environmental	NA	14.90	NA	NA	10	4.90	14.90	1	PVC/PVC	0.010	OB
TPMW-5	1021295.043	1102626.162	NA	NA	5/7/2014	Trec Environmental	NA	14.90	NA	NA	10	4.90	14.90	1	PVC/PVC	0.010	OB
TPMW-6	1021331.329	1102627.379	NA	NA	5/7/2014	Trec Environmental	NA	14.90	NA	NA	10	4.90	14.90	1	PVC/PVC	0.010	OB
TPMW-7	1021289.220	1102730.440	NA	NA	5/22/2014	Russo Development	NA	10.00	NA	NA	5	5.00	10.00	1	PVC/PVC	0.010	OB
TPMW-8	1021243.708	1102771.903	NA	NA	5/22/2014	Russo Development	NA	15.00	NA	NA	5	10.00	15.00	1	PVC/PVC	0.010	OB / R
TPMW-9	1021263.078	1102811.254	NA	NA	5/22/2014	Russo Development	NA	14.00	NA	NA	5	9.00	14.00	1	PVC/PVC	0.010	OB / R
TPMW-10	1021312.292	1102803.361	NA	NA	5/22/2014	Russo Development	NA	15.00	NA	NA	5	10.00	15.00	1	PVC/PVC	0.010	OB / R
TPMW-11	1021332.384	1102779.914	NA	NA	5/22/2014	Russo Development	NA	15.00	NA	NA	5	10.00	15.00	1	PVC/PVC	0.010	OB / R
Monitoring Wells																	
MW-1A	1021346.615	1102822.625	498.87	498.48	12/22/2014	Earth Dimensions	10.58	10.97	495.90	487.90	8	2.97	10.97	2	PVC/PVC	0.010	OB
MW-1B	1021350.415	1102822.679	498.85	498.38	12/22/2014	Earth Dimensions	22.03	22.50	486.35	476.35	10	12.50	22.50	2	PVC/PVC	0.010	R
MW-2A	1021288.183	1102826.354	499.24	498.47	12/23/2014	Earth Dimensions	14.90	15.67	493.57	483.57	10	5.67	15.67	2	PVC/PVC	0.010	OB
MW-2B	1021282.188	1102826.469	499.35	498.82	12/23/2014	Earth Dimensions	24.88	25.41	480.94	473.94	7	18.41	25.41	2	PVC/PVC	0.010	R
MW-3A	1021215.080	1102673.578	500.61	500.01	12/29/2014	Earth Dimensions	15.20	15.80	494.81	484.81	10	5.80	15.80	2	PVC/PVC	0.010	OB
MW-3B	1021214.960	1102676.556	500.67	500.30	12/29/2014	Earth Dimensions	25.18	25.55	482.12	475.12	7	18.55	25.55	2	PVC/PVC	0.010	R
MW-4A	1021397.528	1102630.542	499.41	498.73	12/31/2014	Earth Dimensions	19.30	19.98	494.43	479.43	15	4.98	19.98	2	PVC/PVC	0.010	OB
MW-5A	1021548.945	1102427.375	498.24	497.63	12/30/2014	Earth Dimensions	19.89	20.50	492.74	477.74	15	5.50	20.50	2	PVC/PVC	0.010	OB
MW-6	1021311.938	1102762.742	499.34	499.09	4/2/2015	Earth Dimensions	19.03	19.28	495.06	480.06	15	4.28	19.28	4	PVC/PVC	0.010	OB / R

Abbreviations:
DTW = depth to water
fbgs = feet below ground surface
fbTOR = feet below top of riser
fmsl = feet above mean sea level
OB: Indicates a well completed in shallow unconsolidated overburden
TOR = top of riser

Notes:
1. Elevations measured in feet; distance above mean sea level.
2. Assumed site datum of 500 fmsl at southeast corner of flower bed beneath main sign (see Figure 4).
3. Well locations (northing/easting) and elevation (site datum) surveyed by Benchmark TurnKey personnel on Febrary 16, 2015.

TABLE 4

GROUNDWATER & UNDERDRAIN SYSTEM ELEVATION SUMMARY

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Location	TOR Elevation[1]	Pipe Invert Elevation [2]	Ground Elevation [2]	February 16, 2015		March 25, 2015		April 6, 2015	
				DTW (fbTOR)	GWE [1] (fmsl)	DTW (fbTOR)	GWE [1] (fmsl)	DTW (fbTOR)	GWE [1] (fmsl)
Monitoring Wells									
MW-1A	498.48	--	498.87	2.15	496.33	1.65	496.83	3.51	494.97
MW-1B	498.38	--	498.85	4.35	494.03	3.65	494.73	3.65	494.73
MW-2A	498.47	--	499.24	4.20	494.27	4.08	494.39	3.32	495.15
MW-2B	498.82	--	499.35	4.73	494.09	4.02	494.80	4.07	494.75
MW-3A	500.01	--	500.61	6.11	493.90	5.36	494.65	5.41	494.60
MW-3B	500.30	--	500.67	6.34	493.96	5.61	494.69	5.71	494.59
MW-4A	498.73	--	499.41	6.59	492.14	5.94	492.79	5.99	492.74
MW-5A	497.63	--	498.24	3.47	494.16	1.11	496.52	2.49	495.14
MW-6	499.09	--	499.34	NA	NA	NA	NA	4.35	494.74
Underdrain Catch Basins									
CB-1	--	496.92	498.92	--	--			--	--
CB-2	--	495.55	497.55	--	--			--	--
CB-3	--	492.66	495.16	--	--			--	--
CB-4 [3,6]	--	493.06	497.66	--	--			--	--
CB-5	--	494.32	497.02	--	--			--	--
CB-6	--	495.16	497.31	--	--			--	--

Notes:

1. Top of Riser (TOR) elevation and Groundwater Elevation (GWE) are measured in feet; distance above mean sea level (fmsl). Elevations are based on an assumed datum of 500.00 fmsl.
2. Pipe inverts were manually measured from top of grate. Grade elevations were surveyed from the center of grate based on an assumed site datum of 500 fmsl.
3. A large hole was observed in the bottom of catch basin CB-4.
4. fbTOR = feet below top of riser or casing
5. fmsl = feet above mean sea level.
6. Bottom of hole in CB-4 is measured at 493.06 fbgs.

TABLE 5

SUMMARY OF SOIL ANALYTICAL RESULTS VS. UNRESTRICTED SCOs (QUALIFIED)

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Compound	CasNum	NY-USCOs	Units	Location (depth), Sample Date, Lab Data Package No.															
				VAULT AREA															
				B-1 (0.3-2.0) 11/10/2014 L1427049-01	Qual	B-5 (0.4-4.0) 11/11/2014 L1427154-01	Qual	B-6 (4-8) 12/12/2014 L1430017-01	Qual	B-7 (8-10) 12/12/2014 L1430017-02	Qual	B-8 (9.5-11.5) 12/12/2014 L1430017-05	Qual	B-9 (4-8) 12/12/2014 L1430017-03	Qual	B-10 (5-7) 12/12/2014 L1430017-06	Qual	B-11 (2-4) 12/12/2014 L1430017-07	Qual	B-12 (2-4) 12/15/2014 L1430177-01	Qual	B-13 (1-4) 12/15/2014 L1430177-02	Qual	B-14 (1-4) 12/15/2014 L1430177-04	Qual
Volatile Organics by 8260/5035 - Westborough Lab																							
1,2,3-Trichlorobenzene	87-61-6		mg/kg	0.26	U	0.45	U	0.55	UJ	0.0086	UJ	0.0048	UJ	0.0047	UJ	0.0044	UJ	0.0048	UJ	0.0064	UJ	0.0071	UJ	0.0057	UJ
1,2,4-Trimethylbenzene	95-63-6	**3.6**	mg/kg	**0.27**		0.45	U	0.55	U	0.0086	U	0.0048	U	0.0047	U	0.0044	U	0.0048	U	**0.00062**	**J**	0.0071	U	0.0057	U
1,2-Dichlorobenzene	95-50-1	**1.1**	mg/kg	0.26	U	0.45	U	0.55	U	0.0086	U	0.0048	U	0.0047	U	0.0044	U	0.0048	U	0.0064	U	0.0071	U	0.0057	U
1,3,5-Trimethylbenzene	108-67-8	**8.4**	mg/kg	**0.13**	**J**	0.45	U	0.55	U	0.0086	U	0.0048	U	0.0047	U	0.0044	U	0.0048	U	0.0064	U	0.0071	U	0.0057	U
2-Butanone (MEK)	78-93-3	**0.12**	mg/kg	**0.58**		0.91	U	1.1	U	0.017	U	0.0096	U	0.0094	U	0.0089	U	0.0096	U	0.13	U	0.014	U	0.011	U
Acetone	67-64-1	**0.05**	mg/kg	**0.42**	**J**	0.91	U	1.1	U	**0.0055**	**J**	**0.0023**	**J**	0.0094	U	0.0089	U	**0.0099**		**0.0039**	**J**	**0.0069**	**J**	**0.0052**	**J**
Benzene	71-43-2	**0.06**	mg/kg	0.052	U	0.091	U	0.11	U	0.0017	U	0.00096	U	0.00094	U	0.00089	U	0.00096	U	**0.00032**	**J**	**0.0018**		0.0011	U
Bromomethane	74-83-9		mg/kg	**0.15**		0.18	U	0.22	U	0.0034	U	0.0019	U	0.0019	U	0.0018	U	0.0019	U	0.0025	U	0.0028	U	0.0023	U
Carbon disulfide	75-15-0		mg/kg	0.52	U	0.91	U	1.1	U	0.017	U	0.0096	U	0.0094	U	0.0089	U	0.0096	U	**0.0034**	**J**	0.014	U	0.011	U
Chloromethane	74-87-3		mg/kg	**0.11**	**J**	0.18	U	0.22	U	0.0034	U	0.0019	U	0.0047	U	0.0044	U	0.0048	U	0.0064	U	0.0071	U	0.0057	U
cis-1,2-Dichloroethene	156-59-2	**0.25**	mg/kg	0.052	U	0.091	U	**2.4**		0.0017	U	0.00096	U	0.00094	U	0.00089	U	0.00096	U	**0.00078**	**J**	0.0014	U	0.0011	U
Cyclohexane	110-82-7		mg/kg	**0.78**	**J**	1.8	U	2.2	U	0.034	U	0.019	U	0.019	U	0.018	U	0.019	U	**0.0011**	**J**	**0.00099**	**J**	0.023	U
Ethylbenzene	100-41-4	**1**	mg/kg	**0.044**	**J**	0.091	U	0.11	U	0.0017	U	0.00096	U	0.00094	U	0.00089	U	0.00096	U	0.0013	U	0.0014	U	0.0011	U
Isopropylbenzene	98-82-8		mg/kg	**0.026**	**J**	0.091	U	0.11	U	0.0017	U	0.00096	U	0.00094	U	0.00089	U	0.00096	U	0.0013	U	0.0014	U	0.0011	U
Methyl cyclohexane	108-87-2		mg/kg	**1.9**		**0.21**	**J**	**0.063**	**J**	0.0069	U	0.0038	U	0.0038	U	0.0035	U	0.019	U	**0.0022**	**J**	**0.0028**	**J**	**0.00083**	**J**
Methylene chloride	75-09-2	**0.05**	mg/kg	0.52	U	0.91	U	1.1	U	0.017	U	0.0096	U	0.0094	U	0.0089	U	0.0096	U	0.013	U	0.014	U	0.011	U
n-Butylbenzene	104-51-8	**12**	mg/kg	**0.036**	**J**	0.091	U	0.11	U	0.0017	U	0.00096	U	0.00094	U	0.00089	U	0.00096	U	0.0013	U	0.0014	U	0.0011	U
n-Propylbenzene	103-65-1	**3.9**	mg/kg	**0.055**		0.091	U	0.11	U	0.0017	U	0.00096	U	0.00094	U	0.00089	U	0.00096	U	0.0013	U	0.0014	U	0.0011	U
p-Isopropyltoluene (p-Cymene)	99-87-6		mg/kg	**0.015**	**J**	0.091	U	0.11	U	0.0017	U	0.00096	U	0.00094	U	0.00089	U	0.00096	U	0.0013	U	0.0014	U	0.0011	U
sec-Butylbenzene	135-98-8	**11**	mg/kg	**0.026**	**J**	0.091	U	0.11	U	0.0017	U	0.00096	U	0.00094	U	0.00089	U	0.00096	U	0.0013	U	0.0014	U	0.0011	U
Tetrachloroethene	127-18-4	**1.3**	mg/kg	**0.1**		0.091	U	**0.67**		0.0017	U	0.00096	U	0.00094	U	0.00089	U	0.00096	U	0.0013	U	0.0014	U	0.0011	U
Toluene	108-88-3	**0.7**	mg/kg	**0.08**		0.14	U	0.17	U	0.0026	U	0.0014	U	0.0014	U	0.0013	U	0.0014	U	0.0013	U	0.0021	U	0.0011	U
trans-1,2-Dichloroethene	156-60-5	**0.19**	mg/kg	0.077	U	0.14	U	**0.46**		0.0026	U	0.0014	U	0.0014	U	0.0013	U	0.0014	U	0.0019	U	0.0021	U	0.0017	U
Trichloroethene	79-01-6	**0.47**	mg/kg	0.052	U	0.091	U	**0.55**		0.0017	U	0.00096	U	0.00094	U	0.00089	U	0.00096	U	0.0013	U	0.0014	U	0.0011	U
Xylene (total)	1330-20-7	**0.26**	mg/kg	**0.43**		0.18	U	0.22	U	0.0034	U	0.0019	U	**0.0019**		0.0018	U	0.0019	U	**0.00087**	**J**	0.0028	U	0.0023	U
Semivolatile Organics by GC/MS - Westborough Lab																							
2-Methylnaphthalene	91-57-6		mg/kg	-		0.22	U	0.25	U	0.24	U	0.21	U	0.24	U	0.22	U	0.24	U	**0.1**	**J**	0.22	U	0.25	U
Acenaphthene	83-32-9	**20**	mg/kg	-		**0.052**	**J**	0.16	U	0.16	U	0.14	U	0.16	U	0.15	U	0.16	U	0.14	U	0.15	U	0.17	U
Acenaphthylene	208-96-8	**100**	mg/kg	-		**0.043**	**NJ**	0.16	U	0.16	U	0.14	U	0.16	U	0.15	U	0.16	U	**0.058**	**J**	**0.11**	**J**	**0.2**	
Anthracene	120-12-7	**100**	mg/kg	-		**0.12**		0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U	**0.053**	**J**	**0.1**	**J**	**0.12**	**J**
Benzo(a)anthracene	56-55-3	**1**	mg/kg	-		**0.17**		0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U	**0.099**	**J**	**0.36**	**J**	**0.39**	
Benzo(a)pyrene	50-32-8	**1**	mg/kg	-		**0.14**	**J**	0.16	U	0.16	U	0.14	U	0.16	U	0.15	U	0.16	U	**0.1**	**J**	**0.3**	**J**	**0.48**	
Benzo(b)fluoranthene	205-99-2	**1**	mg/kg	-		**0.18**		0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U	**0.15**		**0.45**	**J**	**0.68**	
Benzo(ghi)perylene	191-24-2	**100**	mg/kg	-		**0.074**	**J**	0.16	U	0.16	U	0.14	U	0.16	U	0.15	U	0.16	U	**0.069**	**J**	**0.16**		**0.38**	
Benzo(k)fluoranthene	207-08-9	**0.8**	mg/kg	-		**0.081**	**J**	0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U	**0.048**	**J**	**0.16**		**0.21**	
Bis(2-ethylhexyl)phthalate	117-81-7		mg/kg	-		0.18	U	0.21	U	0.2	U	0.18	U	0.2	U	0.19	U	0.2	U	0.18	U	0.19	U	0.21	U
Butyl benzyl phthalate	85-68-7		mg/kg	-		0.18	U	0.21	U	0.2	U	0.18	U	0.2	U	0.19	U	0.2	U	0.18	U	0.19	U	0.21	U
Carbazole	86-74-8		mg/kg	-		**0.043**	**J**	0.21	U	0.2	U	0.18	U	0.2	U	0.19	U	0.2	U	0.18	U	0.19	U	0.21	U
Chrysene	218-01-9	**1**	mg/kg	-		**0.16**		0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U	**0.12**		**0.32**	**J**	**0.41**	
Dibenzo(a,h)anthracene	53-70-3	**0.33**	mg/kg	-		0.11	U	0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U	0.11	U	**0.061**	**J**	**0.1**	**J**
Fluoranthene	206-44-0	**100**	mg/kg	-		**0.41**		0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U	**0.22**	**NJ**	**0.56**	**J**	**0.68**	
Fluorene	86-73-7	**30**	mg/kg	-		**0.084**	**J**	0.21	U	0.2	U	0.18	U	0.2	U	0.19	U	0.2	U	**0.06**	**J**	0.19	U	0.21	U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	mg/kg	-		**0.078**	**J**	0.16	U	0.16	U	0.14	U	0.16	U	0.15	U	0.16	U	**0.073**	**J**	**0.19**		**0.44**	
Naphthalene	91-20-3	**12**	mg/kg	-		0.18	U	0.21	U	0.2	U	0.18	U	0.2	U	0.19	U	0.2	U	**0.18**	**U**	**0.19**	**U**	**0.21**	**U**
Phenanthrene	85-01-8	**100**	mg/kg	-		**0.42**		0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U	**0.17**		**0.15**		**0.23**	
Pyrene	129-00-0	**100**	mg/kg	-		**0.31**		0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U	**0.19**		**0.47**	**J**	**0.55**	
Total Metals - Westborough Lab																							
Aluminum, Total	7429-90-5		mg/kg	-		**12000**		**9900**		**9300**		**8200**		**10000**		**9400**		**8400**		**7800**		**19000**		**13000**	
Antimony, Total	7440-36-0		mg/kg	-		4.4	U	4.9	U	4.8	U	4.2	U	4.7	U	4.4	U	4.6	U	4.3	U	4.4	U	5	U
Arsenic, Total	7440-38-2	**13**	mg/kg	-		**6.7**		**11**		**8.8**		**4.4**		**10**		**12**		**7.3**		**10**		**6.2**	**J**	**8.6**	
Barium, Total	7440-39-3	**350**	mg/kg	-		**74**		**43**		**29**		**26**		**70**		**140**		**65**		**46**		**140**		**92**	
Beryllium, Total	7440-41-7	**7.2**	mg/kg	-		**2.2**		**0.44**	**J**	**0.39**	**J**	**0.34**	**J**	**0.43**	**J**	**0.44**		**0.59**		**0.82**		**2.9**		**1.9**	
Cadmium, Total	7440-43-9	**2.5**	mg/kg	-		0.87	U	0.98	U	0.95	U	**0.16**	**J**	0.94	U	0.87	U	0.92	U	**0.52**	**J**	**0.1**	**J**	**0.22**	**J**

TABLE 5

SUMMARY OF SOIL ANALYTICAL RESULTS VS. UNRESTRICTED SCOs (QUALIFIED)

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Compound	CasNum	NY-USCOs	Units	Location (depth), Sample Date, Lab Data Package No.																			
				VAULT AREA																			
				B-1 (0.3-2.0) 11/10/2014 L1427049-01	Qual	B-5 (0.4-4.0) 11/11/2014 L1427154-01	Qual	B-6 (4-8) 12/12/2014 L1430017-01	Qual	B-7 (8-10) 12/12/2014 L1430017-02	Qual	B-8 (9.5-11.5) 12/12/2014 L1430017-05	Qual	B-9 (4-8) 12/12/2014 L1430017-03	Qual	B-10 (5-7) 12/12/2014 L1430017-06	Qual	B-11 (2-4) 12/12/2014 L1430017-07	Qual	B-12 (2-4) 12/15/2014 L1430177-01	Qual	B-13 (1-4) 12/15/2014 L1430177-02	Qual	B-14 (1-4) 12/15/2014 L1430177-04	Qual
Calcium, Total	7440-70-2		mg/kg	-		71000	J	49000		46000		65000		41000		42000		2800		130000		72000	J	130000	
Chromium, Total	7440-47-3	30	mg/kg	-		11	J	16		17		16		17		17		13		10		11	J	11	
Cobalt, Total	7440-48-4		mg/kg	-		3.3	J	12		10		9.2		16	J	13		5.6		6.3		5		5	
Copper, Total	7440-50-8	50	mg/kg	-		16	J	31		29		22		30		30		34		24		16	J	19	
Iron, Total	7439-89-6		mg/kg	-		11000		22000		22000		20000		23000		25000		19000		15000		14000	J	15000	
Lead, Total	7439-92-1	63	mg/kg	-		14	J	10		8.6		4.8		8.1		9		13		39		17	J	16	
Magnesium, Total	7439-95-4		mg/kg	-		16000	J	7300		12000		10000		9400		9800		2500		9400		13000		12000	
Manganese, Total	7439-96-5	1,600	mg/kg	-		780		490		380		320		610	J	890		160		550		1100		810	
Mercury, Total	7439-97-6	0.18	mg/kg	-		0.3		0.03	J	0.03	J	0.07	U	0.03	J	0.02	J	0.02	J	0.03	J	0.02	J	0.04	J
Nickel, Total	7440-02-0	30	mg/kg	-		11	J	27		27		27		34		35		24		23		13	J	16	
Potassium, Total	7440-09-7		mg/kg	-		710		940		1000		820		910		940		290		890		1100		750	
Selenium, Total	7782-49-2	3.9	mg/kg	-		0.56	J	2	U	0.34	J	1.7	U	1.9	U	0.36	J	1.8	U	0.42	J	0.8	J	0.78	J
Silver, Total	7440-22-4	2	mg/kg	-		0.87	U	0.2	J	0.95	U	0.2	J	0.94	U	0.2	J	0.92	U	0.87	U	0.88	U	1	U
Sodium, Total	7440-23-5		mg/kg	-		1100		430		160	J	150	J	170	J	130	J	130	J	1300		1400		1000	
Thallium, Total	7440-28-0		mg/kg	-		1.7	UJ	2	U	1.9	U	1.7	U	1.9	U	1.7	U	0.45	J	1.7	U	1.8	U	2	U
Vanadium, Total	7440-62-2		mg/kg	-		9.9		19		18		16		19		19		22		15		12	J	13	
Zinc, Total	7440-66-6	109	mg/kg	-		38	J	66		63		78		63		68		62		67		52	J	54	
Organochlorine Pesticides by GC - Westborough Lab																							
4,4'-DDD	72-54-8	0.0033	mg/kg	-		0.00218		-		-		-		0.00186	U	-		-		-		-		0.00196	U
4,4'-DDE	72-55-9	0.0033	mg/kg	-		0.00197		-		-		-		0.00186	U	-		-		-		-		0.00196	U
Polychlorinated Biphenyls by GC - Westborough Lab																							
Aroclor 1254	11097-69-1	0.1	mg/kg	-		0.0362	UJ	0.0411	U	0.0382	U	0.0354	U	0.039	U	0.0368	U	0.0387	U	0.00651	J	0.0374	U	0.0416	U
Aroclor 1260	11096-82-5	0.1	mg/kg	-		0.0362	UJ	0.0411	U	0.0382	U	0.0354	U	0.039	U	0.0368	U	0.0387	U	0.0139	J	0.0374	U	0.0416	U
PCBs, Total	1336-36-3	0.1	mg/kg	-		0.0362	UJ	0.0411	U	0.0382	U	0.0354	U	0.039	U	0.0368	U	0.0387	U	0.0204	J	0.0374	U	0.0416	U

TABLE 5

SUMMARY OF SOIL ANALYTICAL RESULTS VS. UNRESTRICTED SCOs (QUALIFIED)

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Compound	CasNum	NY-USCOs	Units	Location (depth), Sample Date, Lab Data Package No.											
					UNDER BUILDING								VAULT AREA	UNDER BUILDING	
				B-15 (4-8) 12/15/2014 L1430177-05	B-16 (4-6) 12/15/2014 L1430177-07	B-17 (4-6) 12/15/2014 L1430177-08	B-18 (4-6) 12/15/2014 L1430177-09	B-19 (2-4) 12/30/2014 L1431379-01	B-20 (2-4) 12/30/2014 L1431379-02	B-21 (3.5-4.5) 12/30/2014 L1431379-03	B-22 (1-3) 12/15/2014 L1430177-06	B-23 2-4' 1/5/2015 L1500088-01	B-24 (2-4) 12/30/2014 L1431379-04	B-25 (4-5) 12/30/2014 L1431379-05
				Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
Volatile Organics by 8260/5035 - Westborough Lab															
1,2,3-Trichlorobenzene	87-61-6		mg/kg	0.0052 UJ	0.01 U	0.0054 U	0.01 U	0.0052 U	0.0058 U	0.0049 U	0.011 U	0.008 U	0.28 U	0.0049 U
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	0.0052 U	**0.00049 J**	0.0054 U	**0.0035 J**	0.0052 U	0.0058 U	0.0049 U	0.011 U	0.008 U	0.28 U	0.0049 U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.0052 U	0.01 U	0.0054 U	0.01 U	0.0052 U	0.0058 U	0.0049 U	0.011 U	0.008 U	0.28 U	0.0049 U
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	0.0052 U	0.01 U	0.0054 U	**0.0014 J**	0.0052 U	0.0058 U	0.0049 U	0.011 U	0.008 U	0.28 U	0.0049 U
2-Butanone (MEK)	78-93-3	0.12	mg/kg	0.01 U	0.02 U	**0.0034 J**	0.021 U	0.01 U	0.012 U	0.0097 U	0.022 U	0.016 U	0.28 U	0.0098 U
Acetone	67-64-1	0.05	mg/kg	**0.0067 J**	**0.0068 J**	**0.031**	**0.0049 J**	**0.015**	**0.0034 J**	**0.019**	0.022 U	**0.023**	0.57 U	**0.0072 J**
Benzene	71-43-2	0.06	mg/kg	0.001 U	0.002 U	0.0011 U	0.0021 U	0.001 U	0.0012 U	0.00097 U	0.0022 U	0.0016 U	0.057 U	0.00098 U
Bromomethane	74-83-9		mg/kg	0.0021 U	0.0041 U	0.0021 U	0.0042 U	0.0021 U	0.0023 U	0.0019 U	0.0044 U	0.0032 U	0.11 U	0.002 U
Carbon disulfide	75-15-0		mg/kg	0.01 U	0.02 U	0.011 U	0.021 U	0.01 U	0.012 U	0.0097 U	0.022 U	0.016 U	0.57 U	0.0098 U
Chloromethane	74-87-3		mg/kg	0.0052 U	0.01 U	0.0054 U	0.01 U	0.0052 U	0.0058 U	0.0049 U	0.011 U	0.008 U	0.28 U	0.0049 U
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	**0.00054 J**	0.002 U	**0.00079 J**	**0.00053 J**	**0.00062 J**	**0.049**	**0.0085**	0.0022 U	**0.0022**	0.057 U	**0.0019**
Cyclohexane	110-82-7		mg/kg	0.021 U	**0.0032 J**	0.021 U	**0.0057 J**	0.021 U	0.023 U	0.019 U	0.044 U	0.032 U	1.1 U	0.02 U
Ethylbenzene	100-41-4	1	mg/kg	0.001 U	0.002 U	0.0011 U	0.0021 U	0.001 U	0.0012 U	0.00097 U	0.0022 U	0.0016 U	0.057 U	0.00098 U
Isopropylbenzene	98-82-8		mg/kg	0.001 U	0.002 U	0.0011 U	0.0021 U	0.001 U	0.0012 U	0.00097 U	0.0022 U	0.0016 U	0.057 U	0.00098 U
Methyl cyclohexane	108-87-2		mg/kg	**0.00097 J**	**0.0032 J**	0.0043 U	**0.021**	0.0042 U	0.0046 U	**0.00072 J**	0.0088 U	**0.00069 NJ**	0.23 U	0.0039 U
Methylene chloride	75-09-2	0.05	mg/kg	0.01 U	0.02 U	0.011 U	0.021 U	0.01 U	0.012 U	0.0097 U	0.022 U	0.016 U	0.57 U	0.0098 U
n-Butylbenzene	104-51-8	12	mg/kg	0.001 U	0.002 U	0.0011 U	0.0021 U	0.001 U	0.0012 U	0.00097 U	0.0022 U	0.0016 U	0.057 U	0.00098 U
n-Propylbenzene	103-65-1	3.9	mg/kg	0.001 U	0.002 U	0.0011 U	0.0021 U	0.001 U	0.0012 U	0.00097 U	0.0022 U	0.0016 U	0.057 U	0.00098 U
p-Isopropyltoluene (p-Cymene)	99-87-6		mg/kg	0.001 U	0.002 U	0.0011 U	0.0021 U	0.001 U	0.0012 U	0.00097 U	0.0022 U	0.0016 U	0.057 U	0.00098 U
sec-Butylbenzene	135-98-8	11	mg/kg	0.001 U	0.002 U	0.0011 U	0.0021 U	0.001 U	0.0012 U	0.00097 U	0.0022 U	0.0016 U	0.057 U	0.00098 U
Tetrachloroethene	127-18-4	1.3	mg/kg	0.001 U	0.002 U	0.0011 U	0.0021 U	0.001 U	0.0012 U	0.00097 U	0.0022 U	0.0016 U	**5.4**	0.00098 U
Toluene	108-88-3	0.7	mg/kg	0.0016 U	**0.00056 J**	0.0016 U	0.0031 U	0.0016 U	0.0017 U	0.0015 U	**0.00091 J**	0.0024 U	0.085 U	0.0015 U
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	0.0016 U	0.0031 U	0.0016 U	0.0031 U	0.0016 U	**0.0065**	**0.0007 J**	0.0033 U	0.0024 U	0.085 U	0.0015 U
Trichloroethene	79-01-6	0.47	mg/kg	0.001 U	**0.0062**	0.0011 U	0.0021 U	0.001 U	0.0012 U	0.00097 U	0.0022 U	0.0016 U	**0.26**	0.00098 U
Xylene (total)	1330-20-7	0.26	mg/kg	0.0021 U	**0.0011 J**	0.0021 U	**0.00082 J**	0.0021 U	0.0023 U	0.0019 U	0.0044 U	0.0032 U	0.11 U	0.002 U
Semivolatile Organics by GC/MS - Westborough Lab															
2-Methylnaphthalene	91-57-6		mg/kg	0.25 U	0.23 U	0.22 U	0.22 U	0.24 U	0.24 U	0.23 U	0.24 U	0.22 U	0.22 U	0.24 U
Acenaphthene	83-32-9	20	mg/kg	0.17 U	0.15 U	0.15 U	0.15 U	0.16 U	0.16 U	0.15 U	0.16 U	0.15 U	0.15 U	0.16 U
Acenaphthylene	208-96-8	100	mg/kg	0.17 U	0.15 U	0.15 U	0.15 U	0.16 U	0.16 U	0.15 U	0.16 U	0.15 U	0.15 U	0.16 U
Anthracene	120-12-7	100	mg/kg	0.12 U	0.11 U	0.11 U	0.11 U	0.12 U	0.12 U	0.11 U	0.12 U	0.11 U	0.11 U	0.12 U
Benzo(a)anthracene	56-55-3	1	mg/kg	0.12 U	**0.081 J**	0.11 U	0.11 U	0.12 U	0.12 U	0.11 U	0.12 U	0.11 U	0.11 U	0.12 U
Benzo(a)pyrene	50-32-8	1	mg/kg	0.17 U	**0.074 J**	0.15 U	0.15 U	0.16 U	0.16 U	0.15 U	0.16 U	0.15 U	0.15 U	0.16 U
Benzo(b)fluoranthene	205-99-2	1	mg/kg	0.12 U	**0.095 J**	0.11 U	0.11 U	0.12 U	0.12 U	0.11 U	0.12 U	0.11 U	0.11 U	0.12 U
Benzo(ghi)perylene	191-24-2	100	mg/kg	0.17 U	**0.044 J**	0.15 U	0.15 U	0.16 U	0.16 U	0.15 U	0.16 U	0.15 U	0.15 U	0.16 U
Benzo(k)fluoranthene	207-08-9	0.8	mg/kg	0.12 U	**0.039 J**	0.11 U	0.11 U	0.12 U	0.12 U	0.11 U	0.12 U	0.11 U	0.11 U	0.12 U
Bis(2-ethylhexyl)phthalate	117-81-7		mg/kg	0.21 U	0.19 U	0.18 U	0.19 U	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.18 U	0.2 U
Butyl benzyl phthalate	85-68-7		mg/kg	0.21 U	0.19 U	0.18 U	0.19 U	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	**1.7**	0.2 U
Carbazole	86-74-8		mg/kg	0.21 U	0.19 U	0.18 U	0.19 U	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.18 U	0.2 U
Chrysene	218-01-9	1	mg/kg	0.12 U	**0.08 J**	0.11 U	0.11 U	0.12 U	0.12 U	0.11 U	0.12 U	0.11 U	0.11 U	0.12 U
Dibenzo(a,h)anthracene	53-70-3	0.33	mg/kg	0.12 U	0.11 U	0.11 U	0.11 U	0.12 U	0.12 U	0.11 U	0.12 U	0.11 U	0.11 U	0.12 U
Fluoranthene	206-44-0	100	mg/kg	0.12 U	**0.17**	0.11 U	0.11 U	0.12 U	0.12 U	0.11 U	0.12 U	0.11 U	0.11 U	0.12 U
Fluorene	86-73-7	30	mg/kg	0.21 U	0.19 U	0.18 U	0.19 U	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.18 U	0.2 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	mg/kg	0.17 U	**0.05 J**	0.15 U	0.15 U	0.16 U	0.16 U	0.15 U	0.16 U	0.15 U	0.15 U	0.16 U
Naphthalene	91-20-3	12	mg/kg	0.21 U	0.19 U	0.18 U	0.19 U	0.2 U	0.2 U	0.19 U	0.2 U	0.19 U	0.18 U	0.2 U
Phenanthrene	85-01-8	100	mg/kg	0.12 U	**0.083 J**	0.11 U	0.11 U	0.12 U	0.12 U	0.11 U	0.12 U	0.11 U	0.11 U	0.12 U
Pyrene	129-00-0	100	mg/kg	0.12 U	**0.13**	0.11 U	0.11 U	0.12 U	0.12 U	0.11 U	0.12 U	0.11 U	0.11 U	0.12 U
Total Metals - Westborough Lab															
Aluminum, Total	7429-90-5		mg/kg	**10000 J**	**8200**	**8100**	**7800**	**11000**	**10000**	**10000**	**11000**	**9300**	**11000**	**12000**
Antimony, Total	7440-36-0		mg/kg	4.9 U	4.4 U	4.5 U	4.4 U	4.6 U	4.6 U	4.5 U	4.7 U	4.5 U	4.2 U	4.8 U
Arsenic, Total	7440-38-2	13	mg/kg	**19**	**6.5**	**13**	**11**	**15**	**17**	**8**	**16**	**12**	**13**	**13**
Barium, Total	7440-39-3	350	mg/kg	**130 J**	**48**	**28**	**47**	**66**	**51**	**36**	**41**	**46**	**33**	**66**
Beryllium, Total	7440-41-7	7.2	mg/kg	**0.46 J**	**0.72**	**0.55**	**0.39 J**	**0.49**	**0.45 J**	**0.37 J**	**1**	**0.44 J**	**0.45**	**0.56**
Cadmium, Total	7440-43-9	2.5	mg/kg	**0.14 J**	**0.14 J**	**0.15 J**	**0.28 J**	**0.11 J**	**0.13 J**	0.91 U	**0.18 J**	**0.14 J**	**0.12 J**	0.96 U

TABLE 5

SUMMARY OF SOIL ANALYTICAL RESULTS VS. UNRESTRICTED SCOs (QUALIFIED)

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Compound	CasNum	NY-USCOs	Units	Location (depth), Sample Date, Lab Data Package No.																	
						UNDER BUILDING										VAULT AREA		UNDER BUILDING			
				B-15 (4-8) 12/15/2014 L1430177-05	Qual	B-16 (4-6) 12/15/2014 L1430177-07	Qual	B-17 (4-6) 12/15/2014 L1430177-08	Qual	B-18 (4-6) 12/15/2014 L1430177-09	Qual	B-19 (2-4) 12/30/2014 L1431379-01	Qual	B-20 (2-4) 12/30/2014 L1431379-02	Qual	B-21 (3.5-4.5) 12/30/2014 L1431379-03	Qual	B-22 (1-3) 12/15/2014 L1430177-06	Qual	B-23 2-4' 1/5/2015 L1500088-01	Qual	B-24 (2-4) 12/30/2014 L1431379-04	Qual	B-25 (4-5) 12/30/2014 L1431379-05	Qual
Calcium, Total	7440-70-2		mg/kg	41000	J	150000		2700		14000		2500		10000		1200		15000		16000		10000		20000	
Chromium, Total	7440-47-3	30	mg/kg	18		9.8		13		12		17		15		14		14		15		14		18	
Cobalt, Total	7440-48-4		mg/kg	19		3.6		7.5		8.3		11		11		4.8		8.1		8.6		7.4		8.4	
Copper, Total	7440-50-8	50	mg/kg	33		13		26		26		27		28		21		29		29		34		26	
Iron, Total	7439-89-6		mg/kg	25000	J	11000		19000		19000		22000		23000		16000		24000		18000		20000		22000	
Lead, Total	7439-92-1	63	mg/kg	13		13		19		10		9		10		7.4		22		12		8.2		7.3	
Magnesium, Total	7439-95-4		mg/kg	10000	J	14000		2900		4500		3900		4300		2300		5800		3400		3400		7000	
Manganese, Total	7439-96-5	1,600	mg/kg	1100	J	710		390		500		470		580		120		490		220		280		280	
Mercury, Total	7439-97-6	0.18	mg/kg	0.03	J	0.05	J	0.06	J	0.02	J	0.04	J	0.02	J	0.05	J	0.02	J	0.03	J	0.03	J	0.02	J
Nickel, Total	7440-02-0	30	mg/kg	39		10		22		25		34		29		20		21		26		24		23	
Potassium, Total	7440-09-7		mg/kg	1100		940		560		670		820		1300		890		700		1500		870		1600	
Selenium, Total	7782-49-2	3.9	mg/kg	2	U	1.8	U	0.32	J	1.7	U	1.8	U	1.8	U	0.32	J	0.61	J	1	J	1.7	U	1.9	U
Silver, Total	7440-22-4	2	mg/kg	0.98	U	0.89	U	0.9	U	0.87	U	0.2	J	0.26	J	0.36	J	0.94	U	0.2	J	0.27	J	0.32	J
Sodium, Total	7440-23-5		mg/kg	220		320		120	J	140	J	77	J	150	J	110	J	560		320		83	J	170	J
Thallium, Total	7440-28-0		mg/kg	2	UJ	1.8	U	1.8	U	1.7	U	1.8	U	1.8	U	1.8	U	1.9	U	1.8	U	1.7	U	1.9	U
Vanadium, Total	7440-62-2		mg/kg	19		12		19		17		19		20		23		21		20		19		22	
Zinc, Total	7440-66-6	109	mg/kg	67		58		64		56		68		66		60		69		58		75		67	
Organochlorine Pesticides by GC - Westborough Lab																									
4,4'-DDD	72-54-8	0.0033	mg/kg	-		-		-		-		-		-		-		-		-		-		-	
4,4'-DDE	72-55-9	0.0033	mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Polychlorinated Biphenyls by GC - Westborough Lab																									
Aroclor 1254	11097-69-1	0.1	mg/kg	0.0409	U	0.0373	U	0.0359	U	0.037	U	0.039	U	0.0382	U	0.0375	U	0.0381	U	0.0378	U	0.0359	U	0.0395	U
Aroclor 1260	11096-82-5	0.1	mg/kg	0.0409	U	0.0373	U	0.0359	U	0.037	U	0.039	U	0.0382	U	0.0375	U	0.0381	U	0.0378	U	0.0359	U	0.0395	U
PCBs, Total	1336-36-3	0.1	mg/kg	0.0409	U	0.0373	U	0.0359	U	0.037	U	0.039	U	0.0382	U	0.0375	U	0.0381	U	0.0378	U	0.0359	U	0.0395	U

TABLE 5

SUMMARY OF SOIL ANALYTICAL RESULTS VS. UNRESTRICTED SCOs (QUALIFIED)

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Compound	CasNum	NY-USCOs	Units	Location (depth), Sample Date, Lab Data Package No.																	
														QA/QC						VAULT	
				MW-1B (2-4) 12/22/2014 L1430926-01	Qual	MW-2B (12-14) 12/23/2014 L1431081-02	Qual	MW-3B (12-14) 12/24/2014 L1431129-01	Qual	MW-4A 10-18' 12/31/2014 L1431383-02	Qual	MW-5A 12-22' 12/30/2014 L1431383-01	Qual	SED-1 12/22/2014 L1430926-02	Qual	SED-2 12/23/2014 L1431081-01	Qual	B-9 BLIND DUP #1 12/12/2014 L1430017-04	Qual	B-13 BLIND DUP #2 12/15/2014 L1430177-03	Qual	SED-1 BLIND DUP #3 12/22/2014 L1430926-03	Qual	BH-1 (0.8 - 4.0) 5/7/2014	Qual
Volatile Organics by 8260/5035 - Westborough Lab																					
1,2,3-Trichlorobenzene	87-61-6		mg/kg	0.24	U	0.0041	U	0.0056	U	0.007	U	0.0086	U	120	U	0.008	U	0.0047	UJ	0.0068	UJ	120	U	--	
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	**0.25**		0.0041	U	0.0056	U	0.007	U	0.0086	U	120	U	0.008	U	0.0047	U	0.0068	U	**0.7**	J	--	
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.24	U	0.0041	U	0.0056	U	0.007	U	0.0086	U	120	U	0.008	U	0.0047	U	0.0068	U	**0.89**	J	--	
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	**0.098**	J	0.0041	U	0.0056	U	0.007	U	0.0086	U	120	U	0.008	U	0.0047	U	0.0068	U	12	U	--	
2-Butanone (MEK)	78-93-3	0.12	mg/kg	0.49	U	0.0082	U	0.011	U	0.014	U	0.017	U	240	U	0.016	U	0.0095	U	0.014	U	25	U	1	U
Acetone	67-64-1	0.05	mg/kg	0.49	UJ	0.0082	U	**0.012**	J	**0.0057**	J	**0.015**	J	240	UJ	0.016	U	0.0095	U	**0.0082**	J	25	UJ	1	U
Benzene	71-43-2	0.06	mg/kg	0.049	U	0.00082	U	0.0011	U	0.0014	U	0.0017	U	25	U	0.0016	U	0.00095	U	**0.0029**		2.5	U	0.051	U
Bromomethane	74-83-9		mg/kg	0.098	U	0.0016	U	0.0022	U	0.0028	U	0.0035	U	50	U	0.0032	U	0.0019	U	0.0027	U	5	U	0.51	U
Carbon disulfide	75-15-0		mg/kg	0.49	U	0.0082	U	0.011	U	0.014	U	0.017	U	250	U	0.016	U	0.0095	U	0.014	U	25	U	0.51	U
Chloromethane	74-87-3		mg/kg	0.24	U	0.0041	U	0.0056	U	0.007	U	0.0086	U	120	U	0.008	U	0.0047	U	0.0068	U	5	U	0.51	U
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	**0.068**		0.00082	U	0.0011	U	0.0014	U	0.0017	U	**280**	J	**0.03**		0.00095	U	0.0014	U	**160**	J	**0.215**	
Cyclohexane	110-82-7		mg/kg	**0.86**	J	0.016	U	0.022	U	0.028	U	0.035	U	500	U	0.032	U	0.0019	U	**0.002**	J	50	U	--	
Ethylbenzene	100-41-4	1	mg/kg	0.049	U	0.00082	U	0.0011	U	0.0014	U	0.0017	U	25	U	0.0016	U	0.00095	U	0.0014	U	2.5	U	0.21	U
Isopropylbenzene	98-82-8		mg/kg	**0.019**	J	0.00082	U	0.0011	U	0.0014	U	0.0017	U	25	U	0.0016	U	0.00095	U	0.0014	U	10	U	--	
Methyl cyclohexane	108-87-2		mg/kg	**2.8**		0.0033	U	0.0045	U	0.0056	U	0.0069	U	100	U	0.0064	U	0.0038	U	**0.0064**		25	U	--	
Methylene chloride	75-09-2	0.05	mg/kg	0.49	U	0.0082	U	0.011	U	0.014	U	0.017	U	250	U	0.016	U	0.0095	U	0.014	U	25	U	0.21	U
n-Butylbenzene	104-51-8	12	mg/kg	0.049	U	0.00082	U	0.0011	U	0.0014	U	0.0017	U	25	U	0.0016	U	0.00095	U	0.0014	U	2.5	U	--	
n-Propylbenzene	103-65-1	3.9	mg/kg	**0.029**	J	0.00082	U	0.0011	U	0.0014	U	0.0017	U	25	U	0.0016	U	0.00095	U	0.0014	U	2.5	U	--	
p-Isopropyltoluene (p-Cymene)	99-87-6		mg/kg	**0.017**	NJ	0.00082	U	0.0011	U	0.0014	U	0.0017	U	25	U	0.0016	U	0.00095	U	0.0014	U	2.5	U	--	
sec-Butylbenzene	135-98-8	11	mg/kg	**0.022**	J	0.00082	U	0.0011	U	0.0014	U	0.0017	U	25	U	0.0016	U	0.00095	U	0.0014	U	2.5	U	--	
Tetrachloroethene	127-18-4	1.3	mg/kg	**0.16**		**0.00017**	J	**0.00035**	J	0.0014	U	0.0017	U	**3800**	J	**0.15**		0.00095	U	0.0014	U	**630**	J	**0.589**	
Toluene	108-88-3	0.7	mg/kg	0.073	U	0.0012	U	0.0017	U	0.0021	U	0.0026	U	38	U	0.0024	U	0.0014	U	**0.00034**	J	3.8	U	0.51	U
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	0.073	U	0.0012	U	0.0017	U	0.0021	U	0.0026	U	38	U	0.0024	U	0.0014	U	0.002	U	2.5	U	0.21	U
Trichloroethene	79-01-6	0.47	mg/kg	0.049	U	0.00082	U	0.0011	U	0.0014	U	0.0017	U	**85**	J	**0.01**		0.00095	U	0.0014	U	**34**	J	0.21	U
Xylene (total)	1330-20-7	0.26	mg/kg	**0.038**	NJ	0.0016	U	0.0022	U	0.0028	U	0.0035	U	50	U	0.0032	U	0.0019	U	**0.00061**	J	5	U	0.21	U
Semivolatile Organics by GC/MS - Westborough Lab																					
2-Methylnaphthalene	91-57-6		mg/kg	0.22	U	0.22	U	0.22	U	0.25	U	0.24	U	**0.076**	J	-		0.23	U	0.23	U	0.23	U	-	
Acenaphthene	83-32-9	20	mg/kg	0.15	U	0.15	U	0.15	U	0.16	U	0.16	U	**0.046**	J	-		0.16	U	**0.04**	J	0.16	U	-	
Acenaphthylene	208-96-8	100	mg/kg	0.15	U	0.15	U	**0.069**	J	0.16	U	0.16	U	0.16	U	-		0.16	U	**0.27**		0.16	U	-	
Anthracene	120-12-7	100	mg/kg	0.11	U	0.11	U	**0.038**	J	0.12	U	0.12	U	**0.092**	NJ	-		0.12	U	**0.25**		0.16	U	-	
Benzo(a)anthracene	56-55-3	1	mg/kg	0.11	U	0.11	U	0.11	U	0.12	U	0.12	U	**0.29**		-		0.12	U	**0.89**	J	**0.13**		-	
Benzo(a)pyrene	50-32-8	1	mg/kg	0.15	U	0.15	U	0.15	U	0.16	U	0.16	U	**0.3**		-		0.16	U	**0.8**	J	**0.13**	J	-	
Benzo(b)fluoranthene	205-99-2	1	mg/kg	0.11	U	0.11	U	0.11	U	0.12	U	0.12	U	**0.52**		-		0.12	U	**1.3**	J	**0.24**		-	
Benzo(ghi)perylene	191-24-2	100	mg/kg	0.15	U	0.15	U	0.15	U	0.16	U	0.16	U	**0.26**		-		0.16	U	**0.42**		**0.12**	J	-	
Benzo(k)fluoranthene	207-08-9	0.8	mg/kg	0.11	U	0.11	U	0.11	U	0.12	U	0.12	U	**0.2**		-		0.12	U	**0.44**		**0.075**	J	-	
Bis(2-ethylhexyl)phthalate	117-81-7		mg/kg	0.18	U	0.18	U	0.18	U	0.21	U	0.2	U	**26**	J	-		0.19	U	0.19	U	**14**	J	-	
Butyl benzyl phthalate	85-68-7		mg/kg	0.18	U	0.18	U	0.18	U	0.21	U	0.2	U	**0.32**		-		0.19	U	0.19	U	**0.15**	J	-	
Carbazole	86-74-8		mg/kg	0.18	U	0.18	U	0.18	U	0.21	U	0.2	U	0.16	U	-		0.19	U	**0.056**	J	0.19	U	-	
Chrysene	218-01-9	1	mg/kg	0.11	U	0.11	U	**0.047**	J	0.12	U	0.12	U	**0.43**		-		0.12	U	**0.88**	J	**0.18**		-	
Dibenzo(a,h)anthracene	53-70-3	0.33	mg/kg	0.11	U	0.11	U	0.11	U	0.12	U	0.12	U	**0.051**	J	-		0.12	U	**0.17**		0.12	U	-	
Fluoranthene	206-44-0	100	mg/kg	0.11	U	0.11	U	0.11	U	0.12	U	0.12	U	**0.98**	J	-		0.12	U	**1.4**	J	**0.41**	NJ	-	
Fluorene	86-73-7	30	mg/kg	0.18	U	0.18	U	0.18	U	0.21	U	0.2	U	**0.077**	NJ	-		0.19	U	**0.086**	J	0.19	U	-	
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	mg/kg	0.15	U	0.15	U	0.15	U	0.16	U	0.16	U	**0.26**		-		0.16	U	**0.52**		**0.12**	J	-	
Naphthalene	91-20-3	12	mg/kg	0.18	U	0.18	U	0.18	U	0.21	U	0.2	U	0.2	U	-		0.19	U	**0.067**	J	0.19	U	-	
Phenanthrene	85-01-8	100	mg/kg	0.11	U	0.11	U	0.11	U	0.12	U	0.12	U	**0.55**	NJ	-		0.12	U	**0.3**		**0.21**	NJ	-	
Pyrene	129-00-0	100	mg/kg	0.11	U	0.11	U	0.11	U	0.12	U	0.12	U	**0.72**	J	-		0.12	U	**1.2**	J	**0.29**	J	-	
Total Metals - Westborough Lab																					
Aluminum, Total	7429-90-5		mg/kg	**5500**		**10000**		**13000**		**9900**		**10000**		**1500**		-		**10000**		**20000**		**1800**		-	
Antimony, Total	7440-36-0		mg/kg	**1.3**	J	4.3	U	4.2	U	4.7	U	4.6	U	4.6	U	-		4.5	U	4.5	U	**0.92**	J	-	
Arsenic, Total	7440-38-2	13	mg/kg	**11**		**11**		**11**		**12**		**13**		**3.3**		-		**8.2**		**2.1**	J	**4.3**		-	
Barium, Total	7440-39-3	350	mg/kg	**17**		**19**		**21**		**49**		**58**		**15**	J	-		**65**		**180**		**37**	J	-	
Beryllium, Total	7440-41-7	7.2	mg/kg	**0.3**	J	**0.38**	J	**0.44**		**0.42**	J	**0.51**		0.46	U	-		**0.42**	J	**3.4**		**0.09**	J	-	
Cadmium, Total	7440-43-9	2.5	mg/kg	0.87	U	0.85	U	0.84	U	0.94	U	0.92	U	**0.6**	J	-		0.91	U	0.9	U	**0.46**	J	-	

TABLE 5

SUMMARY OF SOIL ANALYTICAL RESULTS VS. UNRESTRICTED SCOs (QUALIFIED)

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Compound	CasNum	NY-USCOs	Units	Location (depth), Sample Date, Lab Data Package No.							QA/QC			VAULT
				MW-1B (2-4) 12/22/2014 L1430926-01	MW-2B (12-14) 12/23/2014 L1431081-02	MW-3B (12-14) 12/24/2014 L1431129-01	MW-4A 10-18' 12/31/2014 L1431383-02	MW-5A 12-22' 12/30/2014 L1431383-01	SED-1 12/22/2014 L1430926-02	SED-2 12/23/2014 L1431081-01	B-9 BLIND DUP #1 12/12/2014 L1430017-04	B-13 BLIND DUP #2 12/15/2014 L1430177-03	SED-1 BLIND DUP #3 12/22/2014 L1430926-03	BH-1 (0.8 - 4.0) 5/7/2014
Calcium, Total	7440-70-2		mg/kg	3500	44000	36000	48000	42000	110000	-	41000	170000 J	99000	-
Chromium, Total	7440-47-3	30	mg/kg	12	18	23	16	16	14	-	17	4.4 J	16	-
Cobalt, Total	7440-48-4		mg/kg	7.8	10	14	9.5	8.7	1.5 J	-	8.1 J	1.3 J	1.9 J	-
Copper, Total	7440-50-8	50	mg/kg	45	20	22	27	26	40 J	-	29	6.2 J	97	-
Iron, Total	7439-89-6		mg/kg	16000	22000	26000	22000	20000	8600	-	21000	5200 J	8400	-
Lead, Total	7439-92-1	63	mg/kg	19	4.3	7	7.7	8.6	21 J	-	8.9	4.3 J	23	-
Magnesium, Total	7439-95-4		mg/kg	2900	13000	7000	12000	11000	3600	-	10000	14000	4500	-
Manganese, Total	7439-96-5	1,600	mg/kg	120	260	290	360	360	190 J	-	300 J	1500	160	-
Mercury, Total	7439-97-6	0.18	mg/kg	0.04 J	0.02 J	0.03 J	0.03 J	0.02 J	0.04 J	-	0.03 J	0.02 J	0.19	-
Nickel, Total	7440-02-0	30	mg/kg	32	32	41	25	24	14	-	26	4 J	10	-
Potassium, Total	7440-09-7		mg/kg	680	990	1200	1400	1500	180 J	-	980	910	210 J	-
Selenium, Total	7782-49-2	3.9	mg/kg	1.9	1.7 U	1.7 U	0.94 J	0.52 J	1.8 U	-	1.8 U	1.2 J	1.8 U	-
Silver, Total	7440-22-4	2	mg/kg	0.87 U	0.85 U	0.84 U	0.25 J	0.34 J	20 J	-	0.91 U	0.9 U	82 J	-
Sodium, Total	7440-23-5		mg/kg	140 J	130 J	130 J	180 J	180	970 J	-	170 J	1100	2000 J	-
Thallium, Total	7440-28-0		mg/kg	1.7 U	1.7 U	1.7 U	1.9 U	1.8 U	1.8 UJ	-	1.8 U	1.8 U	1.8 U	-
Vanadium, Total	7440-62-2		mg/kg	11	16	18	18	19	3.4	-	20	5.1 J	5.1	-
Zinc, Total	7440-66-6	109	mg/kg	32	66	60	57	57	160 J	-	63	13 J	280 J	-
Organochlorine Pesticides by GC - Westborough Lab														
4,4'-DDD	72-54-8	0.0033	mg/kg	-	-	-	-	-	-	-	0.0019 U	-	-	-
4,4'-DDE	72-55-9	0.0033	mg/kg	-	-	-	-	-	-	-	0.0019 U	-	-	-
Polychlorinated Biphenyls by GC - Westborough Lab														
Aroclor 1254	11097-69-1	0.1	mg/kg	0.0367 U	0.0353 U	0.0361 U	0.0398 U	0.0382 U	0.0396 U	-	0.0389 U	0.0384 U	0.0384 U	-
Aroclor 1260	11096-82-5	0.1	mg/kg	0.0367 U	0.0353 U	0.0361 U	0.0398 U	0.0382 U	0.0396 U	-	0.0389 U	0.0384 U	0.0384 U	-
PCBs, Total	1336-36-3	0.1	mg/kg	0.0367 U	0.0353 U	0.0361 U	0.0398 U	0.0382 U	0.0396 U	-	0.0389 U	0.0384 U	0.0384 U	-

TABLE 5

SUMMARY OF SOIL ANALYTICAL RESULTS VS. UNRESTRICTED SCOs (QUALIFIED)

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Compound	CasNum	NY-USCOs	Units	Location (depth), Sample Date, Lab Data Package No.													
				LCS PHASE II (MAY 2014)					TURNKEY SUPPLEMENTAL PHASE II (MAY 2014) - UNDER BUILDING								
				BH-3 (6.0-8.0) 5/7/2014	Qual	BH-4 (12.0 - 14.0) 5/7/2014	Qual	BH-6 (2.0 - 4.0) 5/7/2014	Qual	BH-7 (0.5 - 2.0) 5/7/2014	Qual	BH-8 (0.5 - 2.0) 5/7/2014	Qual	SB-1 (1.5 - 2.0) 5/20/2014	Qual	SB-2 (1.0 - 2.5) 5/20/2014	Qual	SB-3 (2.5 - 3.0) 5/20/2014	Qual	SB-4 (2.5 - 3.0) 5/20/2014	Qual	SB-5 (2.5 - 3.0) 5/20/2014	Qual	SB-6 (2.5 - 3.0) 5/20/2014	Qual
Volatile Organics by 8260/5035 - Westborough Lab																								
1,2,3-Trichlorobenzene	87-61-6		mg/kg	--		--		--		--		--		**0.0004**	**J**	0.0058	U	0.0061	U	0.0059	U	0.011	U	0.011	U
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	--		--		--		--		--		0.0055	U	--		--		--		--		--	
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	--		--		--		--		--		0.0055	U	0.0058	U	0.0061	U	0.0059	U	0.011	U	0.011	U
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	--		--		--		--		--		--		--		--		--		--		--	
2-Butanone (MEK)	78-93-3	0.12	mg/kg	0.85	U	0.0097	U	0.0097	U	1.1	U	0.007	U	0.011	U	0.012	U	0.012	U	0.012	U	0.022	U	0.022	U
Acetone	67-64-1	0.05	mg/kg	0.85	U	0.0097	U	**0.0535**		1.1	U	0.007	U	0.011	U	0.012	U	0.012	U	0.012	U	0.022	U	0.022	U
Benzene	71-43-2	0.06	mg/kg	0.043	U	**0.0018**		0.00049	U	0.054	U	**0.001**		0.0011	U	0.0012	U	0.0012	U	0.0012	U	0.0022	U	0.0022	U
Bromomethane	74-83-9		mg/kg	0.17	U	0.0019	U	0.0019		0.22	U	0.0014	U	0.0055	U	0.0023	U	0.0024	U	0.0023	U	0.0045	U	0.0045	U
Carbon disulfide	75-15-0		mg/kg	0.43	U	0.0048	U	**0.00059**	**J**	0.54	U	**0.00098**	**J**	0.011	U	0.012	U	0.012	U	0.012	U	0.022	U	0.022	U
Chloromethane	74-87-3		mg/kg	0.43	U	0.0048	U	0.0049	U	0.54	U	0.0035	U	0.0055	U	0.0058	U	0.0061	U	0.0059	U	0.011	U	0.011	U
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	**0.183**		0.0019	U	0.0019	U	0.22	U	0.0014	U	**0.00055**	**J**	**0.00093**	**J**	0.0012	U	**0.0046**		**0.00092**	**J**	**0.028**	
Cyclohexane	110-82-7		mg/kg	--		--		--		--		--		0.022	U	0.023	U	0.024	U	**0.013**	**J**	0.045	U	**0.0048**	**NJ**
Ethylbenzene	100-41-4	1	mg/kg	--		--		--		--		--		0.0011	U	0.0012	U	0.0012	U	0.0012	U	0.0022	U	0.0022	U
Isopropylbenzene	98-82-8		mg/kg	--		--		--		--		--		0.0011	U	0.0012	U	0.0012	U	**0.00064**	**J**	0.0022	U	0.0022	U
Methyl cyclohexane	108-87-2		mg/kg	--		--		--		--		--		0.0044	U	0.0046	U	0.0049	U	**0.053**		0.009	U	**0.029**	
Methylene chloride	75-09-2	0.05	mg/kg	0.17	U	0.0019	U	0.0019	U	0.22	U	0.0014	U	0.011	U	0.12	U	0.12	U	0.12	U	0.22	U	0.22	U
n-Butylbenzene	104-51-8	12	mg/kg	--		--		--		--		--		--		--		--		--		--		--	
n-Propylbenzene	103-65-1	3.9	mg/kg	--		--		--		--		--		--		--		--		--		--		--	
p-Isopropyltoluene (p-Cymene)	99-87-6		mg/kg	--		--		--		--		--		--		--		--		--		--		--	
sec-Butylbenzene	135-98-8	11	mg/kg	--		--		--		--		--		--		--		--		--		--		--	
Tetrachloroethene	127-18-4	1.3	mg/kg	**0.45**		0.0019	U	0.0019	U	0.22	U	0.0014	U	**0.7**		**0.15**		**0.013**		**0.059**		**2**		**9.9**	
Toluene	108-88-3	0.7	mg/kg	0.43	U	**0.0045**	**J**	0.0049	U	0.54	U	**0.0024**	**J**	0.0018	U	0.0018	U	0.0018	U	0.0018	U	0.0036	U	0.0036	U
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	0.17	U	0.0019		0.0019		0.22		0.0014		0.0016	U	**0.00056**	**J**	0.0018	U	0.0018	U	0.0034	U	**0.0026**	**J**
Trichloroethene	79-01-6	0.47	mg/kg	**0.169**	**J**	0.0019	U	0.0019	U	0.22	U	0.0014	U	**0.014**		**0.0082**		**0.00091**	**J**	**0.0065**		**0.016**		**0.14**	
Xylene (total)	1330-20-7	0.26	mg/kg	0.17	U	**0.0045**		0.0019	U	0.22	U	**0.003**		0.0016	U	0.0023	U	0.0024	U	**0.00105**	**J**	0.0045	U	0.0045	U
Semivolatile Organics by GC/MS - Westborough Lab																								
2-Methylnaphthalene	91-57-6		mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Acenaphthene	83-32-9	20	mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Acenaphthylene	208-96-8	100	mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Anthracene	120-12-7	100	mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Benzo(a)anthracene	56-55-3	1	mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Benzo(a)pyrene	50-32-8	1	mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Benzo(b)fluoranthene	205-99-2	1	mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Benzo(ghi)perylene	191-24-2	100	mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Benzo(k)fluoranthene	207-08-9	0.8	mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Bis(2-ethylhexyl)phthalate	117-81-7		mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Butyl benzyl phthalate	85-68-7		mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Carbazole	86-74-8		mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Chrysene	218-01-9	1	mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Dibenzo(a,h)anthracene	53-70-3	0.33	mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Fluoranthene	206-44-0	100	mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Fluorene	86-73-7	30	mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Naphthalene	91-20-3	12	mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Phenanthrene	85-01-8	100	mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Pyrene	129-00-0	100	mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Total Metals - Westborough Lab																								
Aluminum, Total	7429-90-5		mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Antimony, Total	7440-36-0		mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Arsenic, Total	7440-38-2	13	mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Barium, Total	7440-39-3	350	mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Beryllium, Total	7440-41-7	7.2	mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Cadmium, Total	7440-43-9	2.5	mg/kg	-		-		-		-		-		-		-		-		-		-		-	

TABLE 5

SUMMARY OF SOIL ANALYTICAL RESULTS VS. UNRESTRICTED SCOs (QUALIFIED)

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Compound	CasNum	NY-USCOs	Units	Location (depth), Sample Date, Lab Data Package No.											
				LCS PHASE II (MAY 2014)					TURNKEY SUPPLEMENTAL PHASE II (MAY 2014) - UNDER BUILDING						
				BH-3 (6.0-8.0) 5/7/2014 Qual	BH-4 (12.0 - 14.0) 5/7/2014 Qual	BH-6 (2.0 - 4.0) 5/7/2014 Qual	BH-7 (0.5 - 2.0) 5/7/2014 Qual	BH-8 (0.5 - 2.0) 5/7/2014 Qual	SB-1 (1.5 - 2.0) 5/20/2014 Qual	SB-2 (1.0 - 2.5) 5/20/2014 Qual	SB-3 (2.5 - 3.0) 5/20/2014 Qual	SB-4 (2.5 - 3.0) 5/20/2014 Qual	SB-5 (2.5 - 3.0) 5/20/2014 Qual	SB-6 (2.5 - 3.0) 5/20/2014 Qual
Calcium, Total	7440-70-2		mg/kg	-	-	-	-	-	-	-	-	-	-	-
Chromium, Total	7440-47-3	30	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Cobalt, Total	7440-48-4		mg/kg	-	-	-	-	-	-	-	-	-	-	-
Copper, Total	7440-50-8	50	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Iron, Total	7439-89-6		mg/kg	-	-	-	-	-	-	-	-	-	-	-
Lead, Total	7439-92-1	63	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Magnesium, Total	7439-95-4		mg/kg	-	-	-	-	-	-	-	-	-	-	-
Manganese, Total	7439-96-5	1,600	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Mercury, Total	7439-97-6	0.18	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Nickel, Total	7440-02-0	30	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Potassium, Total	7440-09-7		mg/kg	-	-	-	-	-	-	-	-	-	-	-
Selenium, Total	7782-49-2	3.9	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Silver, Total	7440-22-4	2	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Sodium, Total	7440-23-5		mg/kg	-	-	-	-	-	-	-	-	-	-	-
Thallium, Total	7440-28-0		mg/kg	-	-	-	-	-	-	-	-	-	-	-
Vanadium, Total	7440-62-2		mg/kg	-	-	-	-	-	-	-	-	-	-	-
Zinc, Total	7440-66-6	109	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Organochlorine Pesticides by GC - Westborough Lab														
4,4'-DDD	72-54-8	0.0033	mg/kg	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	72-55-9	0.0033	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC - Westborough Lab														
Aroclor 1254	11097-69-1	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1260	11096-82-5	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-
PCBs, Total	1336-36-3	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-

Notes:

1. Only compounds detected with reporting limits that exceed the corresponding regulatory standard in at least one sample are included on the summary sheets.
2. Restricted-Residential Use Soil Cleanup Objective per 6NYCRR Part 375.
3. Validated data and qualifiers are in **RED.**

Qualifier Key:

NJ The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated qantitative value.
J The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
U The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
UJ The analyte was not detected. The associated reported quantitation limit is an estimate and may be inaccurate or imprecise.

Color Code:

= concentration exceeds the Part 375 Unrestricted Soil Cleanup Objective (USCO).

TABLE 6

SUMMARY OF SOIL ANALYTICAL RESULTS VS. RESTRICTED RESIDENTIAL & PROTECTION OF GROUNDWATER SCOs (QUALIFIED)

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Parameter [1]	CasNum	NY-RRSCO [2]	NY-PGW [2]	Units	Location (depth), Sample Date, Lab Data Package No.																	
					VAULT AREA																	
					B-1 (0.3-2.0) 11/10/2014 L1427049-01	Qual	B-5 (0.4-4.0) 11/11/2014 L1427154-01	Qual	B-6 (4-8) 12/12/2014 L1430017-01	Qual	B-7 (8-10) 12/12/2014 L1430017-02	Qual	B-8 (9.5-11.5) 12/12/2014 L1430017-05	Qual	B-9 (4-8) 12/12/2014 L1430017-03	Qual	B-10 (5-7) 12/12/2014 L1430017-06	Qual	B-11 (2-4) 12/12/2014 L1430017-07	Qual	B-12 (2-4) 12/15/2014 L1430177-01	Qual	B-13 (1-4) 12/15/2014 L1430177-02	Qual	B-14 (1-4) 12/15/2014 L1430177-04	Qual
Volatile Organics by 8260/5035 - Westborough Lab																						
1,2,3-Trichlorobenzene	87-61-6			mg/kg	0.26	U	0.45	U	0.55	UJ	0.0086	UJ	0.0048	UJ	0.0047	UJ	0.0044	UJ	0.0048	UJ	0.0064	UJ	0.0071	UJ	0.0057	UJ
1,2,4-Trimethylbenzene	95-63-6	52	3.6	mg/kg	0.27		0.45	U	0.55	U	0.0086	U	0.0048	U	0.0047	U	0.0044	U	0.0048	U	0.00062	J	0.0071	U	0.0057	U
1,2-Dichlorobenzene	95-50-1	100	1.1	mg/kg	0.26	U	0.45	U	0.55	U	0.0086	U	0.0048	U	0.0047	U	0.0044	U	0.0048	U	0.0064	U	0.0071	U	0.0057	U
1,3,5-Trimethylbenzene	108-67-8	52	8.4	mg/kg	0.13	J	0.45	U	0.55	U	0.0086	U	0.0048	U	0.0047	U	0.0044	U	0.0048	U	0.0064	U	0.0071	U	0.0057	U
2-Butanone (MEK)	78-93-3	100	0.12	mg/kg	0.58		0.91	U	1.1	U	0.017	U	0.0096	U	0.0094	U	0.0089	U	0.0096	U	0.13	U	0.014	U	0.011	U
Acetone	67-64-1	100	0.05	mg/kg	0.42	J	0.91	U	1.1	U	0.0055	J	0.0023	J	0.0094	U	0.0089	U	0.0099		0.0039	J	0.0069	J	0.0052	J
Benzene	71-43-2	4.8	0.06	mg/kg	0.052	U	0.091	U	0.11	U	0.0017	U	0.00096	U	0.00094	U	0.00089	U	0.00096	U	0.00032	J	0.0018		0.0011	U
Bromomethane	74-83-9			mg/kg	0.15		0.18	U	0.22	U	0.0034	U	0.0019	U	0.0019	U	0.0018	U	0.0019	U	0.0025	U	0.0028	U	0.0023	U
Carbon disulfide	75-15-0			mg/kg	0.52	U	0.91	U	1.1	U	0.017	U	0.0096	U	0.0094	U	0.0089	U	0.0096	U	0.0034	J	0.014	U	0.011	U
Chloromethane	74-87-3			mg/kg	0.52	U	0.18	U	0.22	U	0.0034	U	0.0019	U	0.0047	U	0.0044	U	0.0048	U	0.0064	U	0.0071	U	0.0057	U
cis-1,2-Dichloroethene	156-59-2	100	0.25	mg/kg	0.052	U	0.091	U	2.4		0.0017	U	0.00096	U	0.00094	U	0.00089	U	0.00096	U	0.00078	J	0.0014	U	0.0011	U
Cyclohexane	110-82-7			mg/kg	0.78	J	1.8	U	2.2	U	0.034	U	0.019	U	0.019	U	0.018	U	0.019	U	0.0011	J	0.00099	J	0.023	U
Ethylbenzene	100-41-4	41	1	mg/kg	0.044	J	0.091	U	0.11	U	0.0017	U	0.00096	U	0.00094	U	0.00089	U	0.00096	U	0.0013	U	0.0014	U	0.0011	U
Isopropylbenzene	98-82-8			mg/kg	0.026	J	0.091	U	0.11	U	0.0017	U	0.00096	U	0.00094	U	0.00089	U	0.00096	U	0.0013	U	0.0014	U	0.0011	U
Methyl cyclohexane	108-87-2			mg/kg	1.9		0.21	J	0.063	J	0.0069	U	0.0038	U	0.0038	U	0.0035	U	0.019	U	0.0022	J	0.0028	J	0.00083	J
Methylene chloride	75-09-2	100	0.05	mg/kg	0.52	U	0.91	U	1.1	U	0.017	U	0.0096	U	0.0094	U	0.0089	U	0.0096	U	0.013	U	0.014	U	0.011	U
n-Butylbenzene	104-51-8	100	12	mg/kg	0.036	J	0.091	U	0.11	U	0.0017	U	0.00096	U	0.00094	U	0.00089	U	0.00096	U	0.0013	U	0.0014	U	0.0011	U
n-Propylbenzene	103-65-1	100	3.9	mg/kg	0.055		0.091	U	0.11	U	0.0017	U	0.00096	U	0.00094	U	0.00089	U	0.00096	U	0.0013	U	0.0014	U	0.0011	U
p-Isopropyltoluene (p-Cymene)	99-87-6			mg/kg	0.015	J	0.091	U	0.11	U	0.0017	U	0.00096	U	0.00094	U	0.00089	U	0.00096	U	0.0013	U	0.0014	U	0.0011	U
sec-Butylbenzene	135-98-8	100	11	mg/kg	0.026	J	0.091	U	0.11	U	0.0017	U	0.00096	U	0.00094	U	0.00089	U	0.00096	U	0.0013	U	0.0014	U	0.0011	U
Tetrachloroethene	127-18-4	19	1.3	mg/kg	0.1		0.091	U	0.67		0.0017	U	0.00096	U	0.00094	U	0.00089	U	0.00096	U	0.0013	U	0.0014	U	0.0011	U
Toluene	108-88-3	100	0.7	mg/kg	0.08		0.14	U	0.17	U	0.0026	U	0.0014	U	0.0014	U	0.0013	U	0.0014	U	0.0013	U	0.0021	U	0.0011	U
trans-1,2-Dichloroethene	156-60-5	100	0.19	mg/kg	0.077	U	0.14	U	0.46		0.0026	U	0.0014	U	0.0014	U	0.0013	U	0.0014	U	0.0019	U	0.0021	U	0.0017	U
Trichloroethene	79-01-6	21	0.47	mg/kg	0.052	U	0.091	U	0.55		0.0017	U	0.00096	U	0.00094	U	0.00089	U	0.00096	U	0.0013	U	0.0014	U	0.0011	U
Xylene (total)	1330-20-7	100	1.6	mg/kg	0.43		0.18	U	0.22	U	0.0034	U	0.0019	U	0.0019		0.0018	U	0.0019	U	0.00087	J	0.0028	U	0.0023	U
Semivolatile Organics by GC/MS - Westborough Lab																						
2-Methylnaphthalene	91-57-6			mg/kg	-		0.22	U	0.25	U	0.24	U	0.21	U	0.24	U	0.22	U	0.24	U	0.1	J	0.22	U	0.25	U
Acenaphthene	83-32-9	100	98	mg/kg	-		0.052	J	0.16	U	0.16	U	0.14	U	0.16	U	0.15	U	0.16	U	0.14	U	0.15	U	0.17	U
Acenaphthylene	208-96-8	100	107	mg/kg	-		0.043	NJ	0.16	U	0.16	U	0.14	U	0.16	U	0.15	U	0.16	U	0.058	J	0.11	J	0.2	
Anthracene	120-12-7	100	1,000	mg/kg	-		0.12		0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U	0.053	J	0.1	J	0.12	J
Benzo(a)anthracene	56-55-3	1	1	mg/kg	-		0.17		0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U	0.099	J	0.36	J	0.39	
Benzo(a)pyrene	50-32-8	1	22	mg/kg	-		0.14	J	0.16	U	0.16	U	0.14	U	0.16	U	0.15	U	0.16	U	0.1	J	0.3	J	0.48	
Benzo(b)fluoranthene	205-99-2	1	1.7	mg/kg	-		0.18		0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U	0.15		0.45	J	0.68	
Benzo(ghi)perylene	191-24-2	100	1,000	mg/kg	-		0.074	J	0.16	U	0.16	U	0.14	U	0.16	U	0.15	U	0.16	U	0.069	J	0.16		0.38	
Benzo(k)fluoranthene	207-08-9	3.9	1.7	mg/kg	-		0.081	J	0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U	0.048	J	0.16		0.21	
Bis(2-ethylhexyl)phthalate	117-81-7			mg/kg	-		0.18	U	0.21	U	0.2	U	0.18	U	0.2	U	0.19	U	0.2	U	0.18	U	0.19	U	0.21	U
Butyl benzyl phthalate	85-68-7			mg/kg	-		0.18	U	0.21	U	0.2	U	0.18	U	0.2	U	0.19	U	0.2	U	0.18	U	0.19	U	0.21	U
Carbazole	86-74-8			mg/kg	-		0.043	J	0.21	U	0.2	U	0.18	U	0.2	U	0.19	U	0.2	U	0.18	U	0.19	U	0.21	U
Chrysene	218-01-9	3.9	1	mg/kg	-		0.16		0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U	0.12		0.32	J	0.41	
Dibenzo(a,h)anthracene	53-70-3	0.33	1,000	mg/kg	-		0.11	U	0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U	0.11	U	0.061	J	0.1	J
Fluoranthene	206-44-0	100	1,000	mg/kg	-		0.41		0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U	0.22	NJ	0.56	J	0.68	
Fluorene	86-73-7	100	386	mg/kg	-		0.084	J	0.21	U	0.2	U	0.18	U	0.2	U	0.19	U	0.2	U	0.06	J	0.19	U	0.21	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	8.2	mg/kg	-		0.078	J	0.16	U	0.16	U	0.14	U	0.16	U	0.15	U	0.16	U	0.073	J	0.19		0.44	
Naphthalene	91-20-3	100	12	mg/kg	-		0.18	U	0.21	U	0.2	U	0.18	U	0.2	U	0.19	U	0.2	U	0.18	U	0.19	U	0.21	U
Phenanthrene	85-01-8	100	1,000	mg/kg	-		0.42		0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U	0.17		0.15		0.23	
Pyrene	129-00-0	100	1,000	mg/kg	-		0.31		0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U	0.19		0.47	J	0.55	
Total Metals - Westborough Lab																						
Aluminum, Total	7429-90-5			mg/kg	-		12000		9900		9300		8200		10000		9400		8400		7800		19000		13000	
Antimony, Total	7440-36-0			mg/kg	-		4.4	U	4.9	U	4.8	U	4.2	U	4.7	U	4.4	U	4.6	U	4.3	U	4.4	U	5	U
Arsenic, Total	7440-38-2	16	16	mg/kg	-		6.7		11		8.8		4.4		10		12		7.3		10		6.2	J	8.6	
Barium, Total	7440-39-3	400	820	mg/kg	-		74		43		29		26		70		140		65		46		140		92	
Beryllium, Total	7440-41-7	72	47	mg/kg	-		2.2		0.44	J	0.39	J	0.34	J	0.43	J	0.44		0.59		0.82		2.9		1.9	
Cadmium, Total	7440-43-9	4.3	7.5	mg/kg	-		0.87	U	0.98	U	0.95	U	0.16	J	0.94	U	0.87	U	0.92	U	0.52	J	0.1	J	0.22	J

TABLE 6

SUMMARY OF SOIL ANALYTICAL RESULTS VS. RESTRICTED RESIDENTIAL & PROTECTION OF GROUNDWATER SCOs (QUALIFIED)

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Parameter [1]	CasNum	NY-RRSCO [2]	NY-PGW [2]	Units	Location (depth), Sample Date, Lab Data Package No.																	
					VAULT AREA																	
					B-1 (0.3-2.0) 11/10/2014 L1427049-01	Qual	B-5 (0.4-4.0) 11/11/2014 L1427154-01	Qual	B-6 (4-8) 12/12/2014 L1430017-01	Qual	B-7 (8-10) 12/12/2014 L1430017-02	Qual	B-8 (9.5-11.5) 12/12/2014 L1430017-05	Qual	B-9 (4-8) 12/12/2014 L1430017-03	Qual	B-10 (5-7) 12/12/2014 L1430017-06	Qual	B-11 (2-4) 12/12/2014 L1430017-07	Qual	B-12 (2-4) 12/15/2014 L1430177-01	Qual	B-13 (1-4) 12/15/2014 L1430177-02	Qual	B-14 (1-4) 12/15/2014 L1430177-04	Qual
Calcium, Total	7440-70-2			mg/kg	-		71000	J	49000		46000		65000		41000		42000		2800		130000		72000	J	130000	
Chromium, Total	7440-47-3	180	NS	mg/kg	-		11	J	16		17		16		17		17		13		10		11	J	11	
Cobalt, Total	7440-48-4			mg/kg	-		3.3	J	12		10		9.2		16	J	13		5.6		6.3		5		5	
Copper, Total	7440-50-8	270	1,720	mg/kg	-		16	J	31		29		22		30		30		34		24		16	J	19	
Iron, Total	7439-89-6			mg/kg	-		11000		22000		22000		20000		23000		25000		19000		15000		14000	J	15000	
Lead, Total	7439-92-1	400	450	mg/kg	-		14	J	10		8.6		4.8		8.1		9		13		39		17	J	16	
Magnesium, Total	7439-95-4			mg/kg	-		16000	J	7300		12000		10000		9400		9800		2500		9400		13000		12000	
Manganese, Total	7439-96-5	2,000	2,000	mg/kg	-		780		490		380		320		610	J	890		160		550		1100		810	
Mercury, Total	7439-97-6	0.81	0.73	mg/kg	-		0.3		0.03	J	0.03	J	0.07	U	0.03	J	0.02	J	0.02	J	0.03	J	0.02	J	0.04	J
Nickel, Total	7440-02-0	310	130	mg/kg	-		11	J	27		27		27		34		35		24		23		13	J	16	
Potassium, Total	7440-09-7			mg/kg	-		710		940		1000		820		910		940		290		890		1100		750	
Selenium, Total	7782-49-2	180	4	mg/kg	-		0.56	J	2	U	0.34	J	1.7	U	1.9	U	0.36	J	1.8	U	0.42	J	0.8	J	0.78	J
Silver, Total	7440-22-4	180	8.3	mg/kg	-		0.87	U	0.2	J	0.95	U	0.2	J	0.94	U	0.2	J	0.92	U	0.87	U	0.88	U	1	U
Sodium, Total	7440-23-5			mg/kg	-		1100		430		160	J	150	J	170	J	130	J	130	J	1300		1400		1000	
Thallium, Total	7440-28-0			mg/kg	-		1.7	UJ	2	U	1.9	U	1.7	U	1.9	U	1.7	U	0.45	J	1.7	U	1.8	U	2	U
Vanadium, Total	7440-62-2			mg/kg	-		9.9		19		18		16		19		19		22		15		12	J	13	
Zinc, Total	7440-66-6	10,000	2,480	mg/kg	-		38	J	66		63		78		63		68		62		67		52	J	54	
Organochlorine Pesticides by GC - Westborough Lab																										
4,4'-DDD	72-54-8	13	14	mg/kg	-		0.00218		-		-		-		0.00186	U	-		-		-		-		0.00196	U
4,4'-DDE	72-55-9	8.9	17	mg/kg	-		0.00197		-		-		-		0.00186	U	-		-		-		-		0.00196	U
Polychlorinated Biphenyls by GC - Westborough Lab																										
Aroclor 1254	11097-69-1	1	3.2	mg/kg	-		0.0362	UJ	0.0411	U	0.0382	U	0.0354	U	0.039	U	0.0368	U	0.0387	U	0.00651	J	0.0374	U	0.0416	U
Aroclor 1260	11096-82-5	1	3.2	mg/kg	-		0.0362	UJ	0.0411	U	0.0382	U	0.0354	U	0.039	U	0.0368	U	0.0387	U	0.0139	J	0.0374	U	0.0416	U
PCBs, Total	1336-36-3	1	3.2	mg/kg	-		0.0362	UJ	0.0411	U	0.0382	U	0.0354	U	0.039	U	0.0368	U	0.0387	U	0.0204	J	0.0374	U	0.0416	U

TABLE 6

SUMMARY OF SOIL ANALYTICAL RESULTS VS. RESTRICTED RESIDENTIAL & PROTECTION OF GROUNDWATER SCOs (QUALIFIED)

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Parameter [1]	CasNum	NY-RRSCO [2]	NY-PGW [2]	Units	Location (depth), Sample Date, Lab Data Package No.																			
							UNDER BUILDING														VAULT AREA		UNDER BUILDING			
					B-15 (4-8) 12/15/2014 L1430177-05	Qual	B-16 (4-6) 12/15/2014 L1430177-07	Qual	B-17 (4-6) 12/15/2014 L1430177-08	Qual	B-18 (4-6) 12/15/2014 L1430177-09	Qual	B-19 (2-4) 12/30/2014 L1431379-01	Qual	B-20 (2-4) 12/30/2014 L1431379-02	Qual	B-21 (3.5-4.5) 12/30/2014 L1431379-03	Qual	B-22 (1-3) 12/15/2014 L1430177-06	Qual	B-23 2-4' 1/5/2015 L1500088-01	Qual	B-24 (2-4) 12/30/2014 L1431379-04	Qual	B-25 (4-5) 12/30/2014 L1431379-05	Qual
Volatile Organics by 8260/5035 - Westborough Lab																								
1,2,3-Trichlorobenzene	87-61-6			mg/kg	0.0052	UJ	0.01	U	0.0054	UJ	0.01	UJ	0.0052	U	0.0058	U	0.0049	U	0.011	UJ	0.008	U	0.28	U	0.0049	U
1,2,4-Trimethylbenzene	95-63-6	52	3.6	mg/kg	0.0052	U	0.00049	J	0.0054	U	0.0035	J	0.0052	U	0.0058	U	0.0049	U	0.011	U	0.008	U	0.28	U	0.0049	U
1,2-Dichlorobenzene	95-50-1	100	1.1	mg/kg	0.0052	U	0.01	U	0.0054	U	0.01	U	0.0052	U	0.0058	U	0.0049	U	0.011	U	0.008	U	0.28	U	0.0049	U
1,3,5-Trimethylbenzene	108-67-8	52	8.4	mg/kg	0.0052	U	0.01	U	0.0054	U	0.0014	J	0.0052	U	0.0058	U	0.0049	U	0.011	U	0.008	U	0.28	U	0.0049	U
2-Butanone (MEK)	78-93-3	100	0.12	mg/kg	0.01	U	0.02	U	0.0034	J	0.021	U	0.01	U	0.012	U	0.0097	U	0.022	U	0.016	U	0.28	U	0.0098	U
Acetone	67-64-1	100	0.05	mg/kg	0.0067	J	0.0068	J	0.031		0.0049	J	0.015		0.0034	J	0.019		0.022	U	0.023		0.57	U	0.0072	J
Benzene	71-43-2	4.8	0.06	mg/kg	0.001	U	0.002	U	0.0011	U	0.0021	U	0.001	U	0.0012	U	0.00097	U	0.0022	U	0.0016	U	0.057	U	0.00098	U
Bromomethane	74-83-9			mg/kg	0.0021	U	0.0041	U	0.0021	U	0.0042	U	0.0021	U	0.0023	U	0.0019	U	0.0044	U	0.0032	U	0.11	U	0.002	U
Carbon disulfide	75-15-0			mg/kg	0.01	U	0.02	U	0.011	U	0.021	U	0.01	U	0.012	U	0.0097	U	0.022	U	0.016	U	0.57	U	0.0098	U
Chloromethane	74-87-3			mg/kg	0.0052	U	0.01	U	0.0054	U	0.01	U	0.0052	U	0.0058	U	0.0049	U	0.011	U	0.008	U	0.28	U	0.0049	U
cis-1,2-Dichloroethene	156-59-2	100	0.25	mg/kg	0.00054	J	0.002	U	0.00079	J	0.00053	J	0.00062	J	0.049		0.0085		0.0022	U	0.0022		0.057	U	0.0019	
Cyclohexane	110-82-7			mg/kg	0.021	U	0.0032	J	0.021	U	0.0057	J	0.021	U	0.023	U	0.019	U	0.044	U	0.032	U	1.1	U	0.02	U
Ethylbenzene	100-41-4	41	1	mg/kg	0.001	U	0.002	U	0.0011	U	0.0021	U	0.001	U	0.0012	U	0.00097	U	0.0022	U	0.0016	U	0.057	U	0.00098	U
Isopropylbenzene	98-82-8			mg/kg	0.001	U	0.002	U	0.0011	U	0.0021	U	0.001	U	0.0012	U	0.00097	U	0.0022	U	0.0016	U	0.057	U	0.00098	U
Methyl cyclohexane	108-87-2			mg/kg	0.00097	J	0.0032	J	0.0043	U	0.021		0.0042	U	0.0046	U	0.00072	J	0.0088	U	0.00069	NJ	0.23	U	0.0039	U
Methylene chloride	75-09-2	100	0.05	mg/kg	0.01	U	0.02	U	0.011	U	0.021	U	0.01	U	0.012	U	0.0097	U	0.022	U	0.016	U	0.57	U	0.0098	U
n-Butylbenzene	104-51-8	100	12	mg/kg	0.001	U	0.002	U	0.0011	U	0.0021	U	0.001	U	0.0012	U	0.00097	U	0.0022	U	0.0016	U	0.057	U	0.00098	U
n-Propylbenzene	103-65-1	100	3.9	mg/kg	0.001	U	0.002	U	0.0011	U	0.0021	U	0.001	U	0.0012	U	0.00097	U	0.0022	U	0.0016	U	0.057	U	0.00098	U
p-Isopropyltoluene (p-Cymene)	99-87-6			mg/kg	0.001	U	0.002	U	0.0011	U	0.0021	U	0.001	U	0.0012	U	0.00097	U	0.0022	U	0.0016	U	0.057	U	0.00098	U
sec-Butylbenzene	135-98-8	100	11	mg/kg	0.001	U	0.002	U	0.0011	U	0.0021	U	0.001	U	0.0012	U	0.00097	U	0.0022	U	0.0016	U	0.057	U	0.00098	U
Tetrachloroethene	127-18-4	19	1.3	mg/kg	0.001	U	0.002	U	0.0011	U	0.0021	U	0.001	U	0.0012	U	0.00097	U	0.0022	U	0.0016	U	5.4		0.00098	U
Toluene	108-88-3	100	0.7	mg/kg	0.0016	U	0.00056	J	0.0016	U	0.0031	U	0.0016	U	0.0017	U	0.0015	U	0.00091	J	0.0024	U	0.085	U	0.0015	U
trans-1,2-Dichloroethene	156-60-5	100	0.19	mg/kg	0.0016	U	0.0031	U	0.0016	U	0.0031	U	0.0016	U	0.0065		0.0007	J	0.0033	U	0.0024	U	0.085	U	0.0015	U
Trichloroethene	79-01-6	21	0.47	mg/kg	0.001	U	0.0062		0.0011	U	0.0021	U	0.001	U	0.0012	U	0.00097	U	0.0022	U	0.0016	U	0.26		0.00098	U
Xylene (total)	1330-20-7	100	1.6	mg/kg	0.0021	U	0.0011	J	0.0021	U	0.00082	J	0.0021	U	0.0023	U	0.0019	U	0.0044	U	0.0032	U	0.11	U	0.002	U
Semivolatile Organics by GC/MS - Westborough Lab																								
2-Methylnaphthalene	91-57-6			mg/kg	0.25	U	0.23	U	0.22	U	0.22	U	0.24	U	0.24	U	0.23	U	0.24	U	0.22	U	0.22	U	0.24	U
Acenaphthene	83-32-9	100	98	mg/kg	0.17	U	0.15	U	0.15	U	0.15	U	0.16	U	0.16	U	0.15	U	0.16	U	0.15	U	0.15	U	0.16	U
Acenaphthylene	208-96-8	100	107	mg/kg	0.17	U	0.15	U	0.15	U	0.15	U	0.16	U	0.16	U	0.15	U	0.16	U	0.15	U	0.15	U	0.16	U
Anthracene	120-12-7	100	1,000	mg/kg	0.12	U	0.11	U	0.11	U	0.11	U	0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.11	U	0.12	U
Benzo(a)anthracene	56-55-3	1	1	mg/kg	0.12	U	0.081	J	0.11	U	0.11	U	0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.11	U	0.12	U
Benzo(a)pyrene	50-32-8	1	22	mg/kg	0.17	U	0.074	J	0.15	U	0.15	U	0.16	U	0.16	U	0.15	U	0.16	U	0.15	U	0.15	U	0.16	U
Benzo(b)fluoranthene	205-99-2	1	1.7	mg/kg	0.12	U	0.095	J	0.11	U	0.11	U	0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.11	U	0.12	U
Benzo(ghi)perylene	191-24-2	100	1,000	mg/kg	0.17	U	0.044	J	0.15	U	0.15	U	0.16	U	0.16	U	0.15	U	0.16	U	0.15	U	0.15	U	0.16	U
Benzo(k)fluoranthene	207-08-9	3.9	1.7	mg/kg	0.12	U	0.039	J	0.11	U	0.11	U	0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.11	U	0.12	U
Bis(2-ethylhexyl)phthalate	117-81-7			mg/kg	0.21	U	0.19	U	0.18	U	0.19	U	0.2	U	0.2	U	0.19	U	0.2	U	0.19	U	0.18	U	0.2	U
Butyl benzyl phthalate	85-68-7			mg/kg	0.21	U	0.19	U	0.18	U	0.19	U	0.2	U	0.2	U	0.19	U	0.2	U	0.19	U	1.7		0.2	U
Carbazole	86-74-8			mg/kg	0.21	U	0.19	U	0.18	U	0.19	U	0.2	U	0.2	U	0.19	U	0.2	U	0.19	U	0.18	U	0.2	U
Chrysene	218-01-9	3.9	1	mg/kg	0.12	U	0.08	J	0.11	U	0.11	U	0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.11	U	0.12	U
Dibenzo(a,h)anthracene	53-70-3	0.33	1,000	mg/kg	0.12	U	0.11	U	0.11	U	0.11	U	0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.11	U	0.12	U
Fluoranthene	206-44-0	100	1,000	mg/kg	0.12	U	0.17		0.11	U	0.11	U	0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.11	U	0.12	U
Fluorene	86-73-7	100	386	mg/kg	0.21	U	0.19	U	0.18	U	0.19	U	0.2	U	0.2	U	0.19	U	0.2	U	0.19	U	0.18	U	0.2	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	8.2	mg/kg	0.17	U	0.05	J	0.15	U	0.15	U	0.16	U	0.16	U	0.15	U	0.16	U	0.15	U	0.15	U	0.16	U
Naphthalene	91-20-3	100	12	mg/kg	0.21	U	0.19	U	0.18	U	0.19	U	0.2	U	0.2	U	0.19	U	0.2	U	0.19	U	0.18	U	0.2	U
Phenanthrene	85-01-8	100	1,000	mg/kg	0.12	U	0.083	J	0.11	U	0.11	U	0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.11	U	0.12	U
Pyrene	129-00-0	100	1,000	mg/kg	0.12	U	0.13		0.11	U	0.11	U	0.12	U	0.12	U	0.11	U	0.12	U	0.11	U	0.11	U	0.12	U
Total Metals - Westborough Lab																								
Aluminum, Total	7429-90-5			mg/kg	10000	J	8200		8100		7800		11000		10000		10000		11000		9300		11000		12000	
Antimony, Total	7440-36-0			mg/kg	4.9	U	4.4	U	4.5	U	4.4	U	4.6	U	4.6	U	4.5	U	4.7	U	4.5	U	4.2	U	4.8	U
Arsenic, Total	7440-38-2	16	16	mg/kg	19		6.5		13		11		15		17		8		16		12		13		13	
Barium, Total	7440-39-3	400	820	mg/kg	130	J	48		28		47		66		51		36		41		46		33		66	
Beryllium, Total	7440-41-7	72	47	mg/kg	0.46	J	0.72		0.55		0.39	J	0.49		0.45	J	0.37	J	1		0.44	J	0.45		0.56	
Cadmium, Total	7440-43-9	4.3	7.5	mg/kg	0.14	J	0.14	J	0.15	J	0.28	J	0.11	J	0.13	J	0.91	U	0.18	J	0.14	J	0.12	J	0.96	U

TABLE 6

SUMMARY OF SOIL ANALYTICAL RESULTS VS. RESTRICTED RESIDENTIAL & PROTECTION OF GROUNDWATER SCOs (QUALIFIED)

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Parameter [1]	CasNum	NY-RRSCO [2]	NY-PGW [2]	Units	Location (depth), Sample Date, Lab Data Package No.																	
							UNDER BUILDING												VAULT AREA		UNDER BUILDING			
					B-15 (4-8) 12/15/2014 L1430177-05	Qual	B-16 (4-6) 12/15/2014 L1430177-07	Qual	B-17 (4-6) 12/15/2014 L1430177-08	Qual	B-18 (4-6) 12/15/2014 L1430177-09	Qual	B-19 (2-4) 12/30/2014 L1431379-01	Qual	B-20 (2-4) 12/30/2014 L1431379-02	Qual	B-21 (3.5-4.5) 12/30/2014 L1431379-03	Qual	B-22 (1-3) 12/15/2014 L1430177-06	Qual	B-23 2-4' 1/5/2015 L1500088-01	Qual	B-24 (2-4) 12/30/2014 L1431379-04	Qual	B-25 (4-5) 12/30/2014 L1431379-05	Qual
Calcium, Total	7440-70-2			mg/kg	41000	J	150000		2700		14000		2500		10000		1200		15000		16000		10000		20000	
Chromium, Total	7440-47-3	180	NS	mg/kg	18		9.8		13		12		17		15		14		14		15		14		18	
Cobalt, Total	7440-48-4			mg/kg	19		3.6		7.5		8.3		11		11		4.8		8.1		8.6		7.4		8.4	
Copper, Total	7440-50-8	270	1,720	mg/kg	33		13		26		26		27		28		21		29		29		34		26	
Iron, Total	7439-89-6			mg/kg	25000	J	11000		19000		19000		22000		23000		16000		24000		18000		20000		22000	
Lead, Total	7439-92-1	400	450	mg/kg	13		13		19		10		9		10		7.4		22		12		8.2		7.3	
Magnesium, Total	7439-95-4			mg/kg	10000	J	14000		2900		4500		3900		4300		2300		5800		3400		3400		7000	
Manganese, Total	7439-96-5	2,000	2,000	mg/kg	1100	J	710		390		500		470		580		120		490		220		280		280	
Mercury, Total	7439-97-6	0.81	0.73	mg/kg	0.03	J	0.05	J	0.06	J	0.02	J	0.04	J	0.02	J	0.05	J	0.02	J	0.03	J	0.03	J	0.02	J
Nickel, Total	7440-02-0	310	130	mg/kg	39		10		22		25		34		29		20		21		26		24		23	
Potassium, Total	7440-09-7			mg/kg	1100		940		560		670		820		1300		890		700		1500		870		1600	
Selenium, Total	7782-49-2	180	4	mg/kg	2	U	1.8	U	0.32	J	1.7	U	1.8	U	1.8	U	0.32	J	0.61	J	1	J	1.7	U	1.9	U
Silver, Total	7440-22-4	180	8.3	mg/kg	0.98	U	0.89	U	0.9	U	0.87	U	0.2	J	0.26	J	0.36	J	0.94	U	0.2	J	0.27	J	0.32	J
Sodium, Total	7440-23-5			mg/kg	220		320		120	J	140	J	77	J	150	J	110	J	560		320		83	J	170	J
Thallium, Total	7440-28-0			mg/kg	2	UJ	1.8	U	1.8	U	1.7	U	1.8	U	1.8	U	1.8	U	1.9	U	1.8	U	1.7	U	1.9	U
Vanadium, Total	7440-62-2			mg/kg	19		12		19		17		19		20		23		21		20		19		22	
Zinc, Total	7440-66-6	10,000	2,480	mg/kg	67		58		64		56		68		66		60		69		58		75		67	
Organochlorine Pesticides by GC - Westborough Lab																										
4,4'-DDD	72-54-8	13	14	mg/kg	-		-		-		-		-		-		-		-		-		-		-	
4,4'-DDE	72-55-9	8.9	17	mg/kg	-		-		-		-		-		-		-		-		-		-		-	
Polychlorinated Biphenyls by GC - Westborough Lab																										
Aroclor 1254	11097-69-1	1	3.2	mg/kg	0.0409	U	0.0373	U	0.0359	U	0.037	U	0.039	U	0.0382	U	0.0375	U	0.0381	U	0.0378	U	0.0359	U	0.0395	U
Aroclor 1260	11096-82-5	1	3.2	mg/kg	0.0409	U	0.0373	U	0.0359	U	0.037	U	0.039	U	0.0382	U	0.0375	U	0.0381	U	0.0378	U	0.0359	U	0.0395	U
PCBs, Total	1336-36-3	1	3.2	mg/kg	0.0409	U	0.0373	U	0.0359	U	0.037	U	0.039	U	0.0382	U	0.0375	U	0.0381	U	0.0378	U	0.0359	U	0.0395	U

TABLE 6

SUMMARY OF SOIL ANALYTICAL RESULTS VS. RESTRICTED RESIDENTIAL & PROTECTION OF GROUNDWATER SCOs (QUALIFIED)

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Parameter [1]	CasNum	NY-RRSCO [2]	NY-PGW [2]	Units	Location (depth), Sample Date, Lab Data Package No.																			
					MW-1B (2-4) 12/22/2014 L1430926-01	Qual	MW-2B (12-14) 12/23/2014 L1431081-02	Qual	MW-3B (12-14) 12/24/2014 L1431129-01	Qual	MW-4A 10-18' 12/31/2014 L1431383-02	Qual	MW-5A 12-22' 12/30/2014 L1431383-01	Qual	SED-1 12/22/2014 L1430926-02	Qual	SED-2 12/23/2014 L1431081-01	Qual	QA/QC B-9 BLIND DUP #1 12/12/2014 L1430017-04	Qual	QA/QC B-13 BLIND DUP #2 12/15/2014 L1430177-03	Qual	QA/QC SED-1 BLIND DUP #3 12/22/2014 L1430926-03	Qual	VAULT [1] BH-1 (0.8 - 4.0) 5/7/2014	Qual
Volatile Organics by 8260/5035 - Westborough Lab																								
1,2,3-Trichlorobenzene	87-61-6			mg/kg	0.24	U	0.0041	U	0.0056	U	0.007	U	0.0086	U	120	U	0.008	U	0.0047	UJ	0.0068	UJ	120	U	--	
1,2,4-Trimethylbenzene	95-63-6	52	3.6	mg/kg	0.25		0.0041	U	0.0056	U	0.007	U	0.0086	U	120	U	0.008	U	0.0047	U	0.0068	U	0.7	J	--	
1,2-Dichlorobenzene	95-50-1	100	1.1	mg/kg	0.24	U	0.0041	U	0.0056	U	0.007	U	0.0086	U	120	U	0.008	U	0.0047	U	0.0068	U	0.89	J	--	
1,3,5-Trimethylbenzene	108-67-8	52	8.4	mg/kg	0.098	J	0.0041	U	0.0056	U	0.007	U	0.0086	U	120	U	0.008	U	0.0047	U	0.0068	U	12	U	--	
2-Butanone (MEK)	78-93-3	100	0.12	mg/kg	0.49	U	0.0082	U	0.011	U	0.014	U	0.017	U	240	U	0.016	U	0.0095	U	0.014	U	25	U	1	U
Acetone	67-64-1	100	0.05	mg/kg	0.49	UJ	0.0082	U	0.012	J	0.0057	J	0.015	J	240	UJ	0.016	U	0.0095	U	0.0082	J	25	UJ	1	U
Benzene	71-43-2	4.8	0.06	mg/kg	0.049	U	0.00082	U	0.0011	U	0.0014	U	0.0017	U	25	U	0.0016	U	0.00095	U	0.0029		2.5	U	0.051	U
Bromomethane	74-83-9			mg/kg	0.098	U	0.0016	U	0.0022	U	0.0028	U	0.0035	U	50	U	0.0032	U	0.0019	U	0.0027	U	5	U	0.51	U
Carbon disulfide	75-15-0			mg/kg	0.49	U	0.0082	U	0.011	U	0.014	U	0.017	U	250	U	0.016	U	0.0095	U	0.014	U	25	U	0.51	U
Chloromethane	74-87-3			mg/kg	0.24	U	0.0041	U	0.0056	U	0.007	U	0.0086	U	120	U	0.008	U	0.0047	U	0.0068	U	5	U	0.51	U
cis-1,2-Dichloroethene	156-59-2	100	0.25	mg/kg	0.068		0.00082	U	0.0011	U	0.0014	U	0.0017	U	280	J	0.03		0.00095	U	0.0014	U	160	J	0.215	
Cyclohexane	110-82-7			mg/kg	0.86	J	0.016	U	0.022	U	0.028	U	0.035	U	500	U	0.032	U	0.0019	U	0.002	J	50	U	--	
Ethylbenzene	100-41-4	41	1	mg/kg	0.049	U	0.00082	U	0.0011	U	0.0014	U	0.0017	U	25	U	0.0016	U	0.00095	U	0.0014	U	2.5	U	0.21	U
Isopropylbenzene	98-82-8			mg/kg	0.019	J	0.00082	U	0.0011	U	0.0014	U	0.0017	U	25	U	0.0016	U	0.00095	U	0.0014	U	10	U	--	
Methyl cyclohexane	108-87-2			mg/kg	2.8		0.0033	U	0.0045	U	0.0056	U	0.0069	U	100	U	0.0064	U	0.0038	U	0.0064		25	U	--	
Methylene chloride	75-09-2	100	0.05	mg/kg	0.49	U	0.0082	U	0.011	U	0.014	U	0.017	U	250	U	0.016	U	0.0095	U	0.014	U	25	U	0.21	U
n-Butylbenzene	104-51-8	100	12	mg/kg	0.049	U	0.00082	U	0.0011	U	0.0014	U	0.0017	U	25	U	0.0016	U	0.00095	U	0.0014	U	2.5	U	--	
n-Propylbenzene	103-65-1	100	3.9	mg/kg	0.029	J	0.00082	U	0.0011	U	0.0014	U	0.0017	U	25	U	0.0016	U	0.00095	U	0.0014	U	2.5	U	--	
p-Isopropyltoluene (p-Cymene)	99-87-6			mg/kg	0.017	NJ	0.00082	U	0.0011	U	0.0014	U	0.0017	U	25	U	0.0016	U	0.00095	U	0.0014	U	2.5	U	--	
sec-Butylbenzene	135-98-8	100	11	mg/kg	0.022	J	0.00082	U	0.0011	U	0.0014	U	0.0017	U	25	U	0.0016	U	0.00095	U	0.0014	U	2.5	U	--	
Tetrachloroethene	127-18-4	19	1.3	mg/kg	0.16		0.00017	J	0.00035	J	0.0014	U	0.0017	U	3800	J	0.15		0.00095	U	0.0014	U	630	J	0.589	
Toluene	108-88-3	100	0.7	mg/kg	0.073	U	0.0012	U	0.0017	U	0.0021	U	0.0026	U	38	U	0.0024	U	0.0014	U	0.00034	J	3.8	U	0.51	U
trans-1,2-Dichloroethene	156-60-5	100	0.19	mg/kg	0.073	U	0.0012	U	0.0017	U	0.0021	U	0.0026	U	38	U	0.0024	U	0.0014	U	0.002	U	2.5	U	0.21	U
Trichloroethene	79-01-6	21	0.47	mg/kg	0.049	U	0.00082	U	0.0011	U	0.0014	U	0.0017	U	85	J	0.01		0.00095	U	0.0014	U	34	J	0.21	U
Xylene (total)	1330-20-7	100	1.6	mg/kg	0.038	NJ	0.0016	U	0.0022	U	0.0028	U	0.0035	U	50	U	0.0032	U	0.0019	U	0.00061	J	5	U	0.21	U
Semivolatile Organics by GC/MS - Westborough Lab																								
2-Methylnaphthalene	91-57-6			mg/kg	0.22	U	0.22	U	0.22	U	0.25	U	0.24	U	0.076	J	-		0.23	U	0.23	U	0.23	U	-	
Acenaphthene	83-32-9	100	98	mg/kg	0.15	U	0.15	U	0.15	U	0.16	U	0.16	U	0.046	J	-		0.16	U	0.04	J	0.16	U	-	
Acenaphthylene	208-96-8	100	107	mg/kg	0.15	U	0.15	U	0.069	J	0.16	U	0.16	U	0.16	U	-		0.16	U	0.27		0.16	U	-	
Anthracene	120-12-7	100	1,000	mg/kg	0.11	U	0.11	U	0.038	J	0.12	U	0.12	U	0.092	NJ	-		0.12	U	0.25		0.16	U	-	
Benzo(a)anthracene	56-55-3	1	1	mg/kg	0.11	U	0.11	U	0.11	U	0.12	U	0.12	U	0.29		-		0.12	U	0.89	J	0.13		-	
Benzo(a)pyrene	50-32-8	1	22	mg/kg	0.15	U	0.15	U	0.15	U	0.16	U	0.16	U	0.3		-		0.16	U	0.8	J	0.13	J	-	
Benzo(b)fluoranthene	205-99-2	1	1.7	mg/kg	0.11	U	0.11	U	0.11	U	0.12	U	0.12	U	0.52		-		0.12	U	1.3	J	0.24		-	
Benzo(ghi)perylene	191-24-2	100	1,000	mg/kg	0.15	U	0.15	U	0.15	U	0.16	U	0.16	U	0.26		-		0.16	U	0.42		0.12	J	-	
Benzo(k)fluoranthene	207-08-9	3.9	1.7	mg/kg	0.11	U	0.11	U	0.11	U	0.12	U	0.12	U	0.2		-		0.12	U	0.44		0.075	J	-	
Bis(2-ethylhexyl)phthalate	117-81-7			mg/kg	0.18	U	0.18	U	0.18	U	0.21	U	0.2	U	26	J	-		0.19	U	0.19	U	14	J	-	
Butyl benzyl phthalate	85-68-7			mg/kg	0.18	U	0.18	U	0.18	U	0.21	U	0.2	U	0.32		-		0.19	U	0.19	U	0.15	J	-	
Carbazole	86-74-8			mg/kg	0.18	U	0.18	U	0.18	U	0.21	U	0.2	U	0.16	U	-		0.19	U	0.056	J	0.19	U	-	
Chrysene	218-01-9	3.9	1	mg/kg	0.11	U	0.11	U	0.047	J	0.12	U	0.12	U	0.43		-		0.12	U	0.88	J	0.18		-	
Dibenzo(a,h)anthracene	53-70-3	0.33	1,000	mg/kg	0.11	U	0.11	U	0.11	U	0.12	U	0.12	U	0.051	J	-		0.12	U	0.17		0.12	U	-	
Fluoranthene	206-44-0	100	1,000	mg/kg	0.11	U	0.11	U	0.11	U	0.12	U	0.12	U	0.98	J	-		0.12	U	1.4	J	0.41	NJ	-	
Fluorene	86-73-7	100	386	mg/kg	0.18	U	0.18	U	0.18	U	0.21	U	0.2	U	0.077	NJ	-		0.19	U	0.086	J	0.19	U	-	
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	8.2	mg/kg	0.15	U	0.15	U	0.15	U	0.16	U	0.16	U	0.26		-		0.16	U	0.52		0.12	J	-	
Naphthalene	91-20-3	100	12	mg/kg	0.18	U	0.18	U	0.18	U	0.21	U	0.2	U	0.2	U	-		0.19	U	0.067	J	0.19	U	-	
Phenanthrene	85-01-8	100	1,000	mg/kg	0.11	U	0.11	U	0.11	U	0.12	U	0.12	U	0.55	NJ	-		0.12	U	0.3		0.21	NJ	-	
Pyrene	129-00-0	100	1,000	mg/kg	0.11	U	0.11	U	0.11	U	0.12	U	0.12	U	0.72	J	-		0.12	U	1.2	J	0.29	J	-	
Total Metals - Westborough Lab																								
Aluminum, Total	7429-90-5			mg/kg	5500		10000		13000		9900		10000		1500		-		10000		20000		1800		-	
Antimony, Total	7440-36-0			mg/kg	1.3	J	4.3	U	4.2	U	4.7	U	4.6	U	4.6	U	-		4.5	U	4.5	U	0.92	J	-	
Arsenic, Total	7440-38-2	16	16	mg/kg	11		11		11		12		13		3.3		-		8.2		2.1	J	4.3		-	
Barium, Total	7440-39-3	400	820	mg/kg	17		19		21		49		58		15	J	-		65		180		37	J	-	
Beryllium, Total	7440-41-7	72	47	mg/kg	0.3	J	0.38	J	0.44		0.42	J	0.51		0.46	U	-		0.42	J	3.4		0.09	J	-	
Cadmium, Total	7440-43-9	4.3	7.5	mg/kg	0.87	U	0.85	U	0.84	U	0.94	U	0.92	U	0.6	J	-		0.91	U	0.9	U	0.46	J	-	

TABLE 6

SUMMARY OF SOIL ANALYTICAL RESULTS VS. RESTRICTED RESIDENTIAL & PROTECTION OF GROUNDWATER SCOs (QUALIFIED)

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Parameter [1]	CasNum	NY-RRSCO [2]	NY-PGW [2]	Units	Location (depth), Sample Date, Lab Data Package No.																		VAULT [1]	
					MW-1B (2-4) 12/22/2014 L1430926-01	Qual	MW-2B (12-14) 12/23/2014 L1431081-02	Qual	MW-3B (12-14) 12/24/2014 L1431129-01	Qual	MW-4A 10-18' 12/31/2014 L1431383-02	Qual	MW-5A 12-22' 12/30/2014 L1431383-01	Qual	SED-1 12/22/2014 L1430926-02	Qual	SED-2 12/23/2014 L1431081-01	Qual	QA/QC B-9 BLIND DUP #1 12/12/2014 L1430017-04	Qual	QA/QC B-13 BLIND DUP #2 12/15/2014 L1430177-03	Qual	QA/QC SED-1 BLIND DUP #3 12/22/2014 L1430926-03	Qual	BH-1 (0.8 - 4.0) 5/7/2014	Qual
Calcium, Total	7440-70-2			mg/kg	3500		44000		36000		48000		42000		110000		-		41000		170000	J	99000		-	
Chromium, Total	7440-47-3	180	NS	mg/kg	12		18		23		16		16		14		-		17		4.4	J	16		-	
Cobalt, Total	7440-48-4			mg/kg	7.8		10		14		9.5		8.7		1.5	J	-		8.1	J	1.3	J	1.9	J	-	
Copper, Total	7440-50-8	270	1,720	mg/kg	45		20		22		27		26		40	J	-		29		6.2	J	97		-	
Iron, Total	7439-89-6			mg/kg	16000		22000		26000		22000		20000		8600		-		21000		5200	J	8400		-	
Lead, Total	7439-92-1	400	450	mg/kg	19		4.3		7		7.7		8.6		21	J	-		8.9		4.3	J	23		-	
Magnesium, Total	7439-95-4			mg/kg	2900		13000		7000		12000		11000		3600		-		10000		14000		4500		-	
Manganese, Total	7439-96-5	2,000	2,000	mg/kg	120		260		290		360		360		190	J	-		300	J	1500		160		-	
Mercury, Total	7439-97-6	0.81	0.73	mg/kg	0.04	J	0.02	J	0.03	J	0.03	J	0.02	J	0.04	J	-		0.03	J	0.02	J	0.19		-	
Nickel, Total	7440-02-0	310	130	mg/kg	32		32		41		25		24		14		-		26		4	J	10		-	
Potassium, Total	7440-09-7			mg/kg	680		990		1200		1400		1500		180	J	-		980		910		210	J	-	
Selenium, Total	7782-49-2	180	4	mg/kg	1.9		1.7	U	1.7	U	0.94	J	0.52	J	1.8	U	-		1.8	U	1.2	J	1.8	U	-	
Silver, Total	7440-22-4	180	8.3	mg/kg	0.87	U	0.85	U	0.84	U	0.25	J	0.34	J	20	J	-		0.91	U	0.9	U	82	J	-	
Sodium, Total	7440-23-5			mg/kg	140	J	130	J	130	J	180	J	180		970	J	-		170	J	1100		2000	J	-	
Thallium, Total	7440-28-0			mg/kg	1.7	U	1.7	U	1.7	U	1.9	U	1.8	U	1.8	UJ	-		1.8	U	1.8	U	1.8	U	-	
Vanadium, Total	7440-62-2			mg/kg	11		16		18		18		19		3.4		-		20		5.1	J	5.1		-	
Zinc, Total	7440-66-6	10,000	2,480	mg/kg	32		66		60		57		57		160	J	-		63		13	J	280	J	-	
Organochlorine Pesticides by GC - Westborough Lab																										
4,4'-DDD	72-54-8	13	14	mg/kg	-		-		-		-		-		-		-		0.0019	U	-		-		-	
4,4'-DDE	72-55-9	8.9	17	mg/kg	-		-		-		-		-		-		-		0.0019	U	-		-		-	
Polychlorinated Biphenyls by GC - Westborough Lab																										
Aroclor 1254	11097-69-1	1	3.2	mg/kg	0.0367	U	0.0353	U	0.0361	U	0.0398	U	0.0382	U	0.0396	U	-		0.0389	U	0.0384	U	0.0384	U	-	
Aroclor 1260	11096-82-5	1	3.2	mg/kg	0.0367	U	0.0353	U	0.0361	U	0.0398	U	0.0382	U	0.0396	U	-		0.0389	U	0.0384	U	0.0384	U	-	
PCBs, Total	1336-36-3	1	3.2	mg/kg	0.0367	U	0.0353	U	0.0361	U	0.0398	U	0.0382	U	0.0396	U	-		0.0389	U	0.0384	U	0.0384	U	-	

TABLE 6

SUMMARY OF SOIL ANALYTICAL RESULTS VS. RESTRICTED RESIDENTIAL & PROTECTION OF GROUNDWATER SCOs (QUALIFIED)

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Parameter [1]	CasNum	NY-RRSCO [2]	NY-PGW [2]	Units	Location (depth), Sample Date, Lab Data Package No.											
					LCS PHASE II (MAY 2014)					TURNKEY SUPPLEMENTAL PHASE II (MAY 2014) - UNDER BUILDING						
					BH-3 (6.0-8.0) 5/7/2014	BH-4 (12.0 - 14.0) 5/7/2014	BH-6 (2.0 - 4.0) 5/7/2014	BH-7 (0.5 - 2.0) 5/7/2014	BH-8 (0.5 - 2.0) 5/7/2014	SB-1 (1.5 - 2.0) 5/20/2014	SB-2 (1.0 - 2.5) 5/20/2014	SB-3 (2.5 - 3.0) 5/20/2014	SB-4 (2.5 - 3.0) 5/20/2014	SB-5 (2.5 - 3.0) 5/20/2014	SB-6 (2.5 - 3.0) 5/20/2014
					Qual [3]	Qual [3]	Qual [3]	Qual [3]	Qual [3]	Qual	Qual	Qual	Qual	Qual	Qual
Volatile Organics by 8260/5035 - Westborough Lab															
1,2,3-Trichlorobenzene	87-61-6			mg/kg	--	--	--	--	--	**0.0004 J**	0.0058 U	0.0061 U	0.0059 U	0.011 U	0.011 U
1,2,4-Trimethylbenzene	95-63-6	**52**	**3.6**	mg/kg	--	--	--	--	--	0.0055 U	--	--	--	--	--
1,2-Dichlorobenzene	95-50-1	**100**	**1.1**	mg/kg	--	--	--	--	--	0.0055 U	0.0058 U	0.0061 U	0.0059 U	0.011 U	0.011 U
1,3,5-Trimethylbenzene	108-67-8	**52**	**8.4**	mg/kg	--	--	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	78-93-3	**100**	**0.12**	mg/kg	0.85 U	0.0097 U	0.0097 U	1.1 U	0.007 U	0.011 U	0.012 U	0.012 U	0.012 U	0.022 U	0.022 U
Acetone	67-64-1	**100**	**0.05**	mg/kg	0.85 U	0.0097 U	**0.0535**	1.1 U	0.007 U	0.011 U	0.012 U	0.012 U	0.012 U	0.022 U	0.022 U
Benzene	71-43-2	**4.8**	**0.06**	mg/kg	0.043 U	**0.0018**	0.00049 U	0.054 U	**0.001**	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0022 U	0.0022 U
Bromomethane	74-83-9			mg/kg	0.17 U	0.0019 U	0.0019	0.22 U	0.0014 U	0.0055 U	0.0023 U	0.0024 U	0.0023 U	0.0045 U	0.0045 U
Carbon disulfide	75-15-0			mg/kg	0.43 U	0.0048 U	**0.00059 J**	0.54 U	**0.00098 J**	0.011 U	0.012 U	0.012 U	0.012 U	0.022 U	0.022 U
Chloromethane	74-87-3			mg/kg	0.43 U	0.0048 U	0.0049 U	0.54 U	0.0035 U	0.0055 U	0.0058 U	0.0061 U	0.0059 U	0.011 U	0.011 U
cis-1,2-Dichloroethene	156-59-2	**100**	**0.25**	mg/kg	**0.183**	0.0019 U	0.0019 U	0.22 U	0.0014 U	**0.00055 J**	**0.00093 J**	0.0012 U	**0.0046**	**0.00092 J**	**0.028**
Cyclohexane	110-82-7			mg/kg	--	--	--	--	--	0.022 U	0.023 U	0.024 U	**0.013 J**	0.045 U	**0.0048 NJ**
Ethylbenzene	100-41-4	**41**	**1**	mg/kg	--	--	--	--	--	0.0011 U	0.0012 U	0.0012 U	0.0012 U	0.0022 U	0.0022 U
Isopropylbenzene	98-82-8			mg/kg	--	--	--	--	--	0.0011 U	0.0012 U	0.0012 U	**0.00064 J**	0.0022 U	0.0022 U
Methyl cyclohexane	108-87-2			mg/kg	--	--	--	--	--	0.0044 U	0.0046 U	0.0049 U	**0.053**	0.009 U	**0.029**
Methylene chloride	75-09-2	**100**	**0.05**	mg/kg	0.17 U	0.0019 U	0.0019 U	0.22 U	0.0014 U	0.011 U	0.12 U	0.12 U	0.12 U	0.22 U	0.22 U
n-Butylbenzene	104-51-8	**100**	**12**	mg/kg	--	--	--	--	--	--	--	--	--	--	--
n-Propylbenzene	103-65-1	**100**	**3.9**	mg/kg	--	--	--	--	--	--	--	--	--	--	--
p-Isopropyltoluene (p-Cymene)	99-87-6			mg/kg	--	--	--	--	--	--	--	--	--	--	--
sec-Butylbenzene	135-98-8	**100**	**11**	mg/kg	--	--	--	--	--	--	--	--	--	--	--
Tetrachloroethene	127-18-4	**19**	**1.3**	mg/kg	**0.45**	0.0019 U	0.0019 U	0.22 U	0.0014	**0.7**	**0.15**	**0.013**	**0.059**	**2**	**9.9**
Toluene	108-88-3	**100**	**0.7**	mg/kg	0.43 U	**0.0045 J**	0.0049 U	0.54 U	**0.0024 J**	0.0018 U	0.0018 U	0.0018 U	0.0018 U	0.0036 U	0.0036 U
trans-1,2-Dichloroethene	156-60-5	**100**	**0.19**	mg/kg	0.17 U	0.0019	0.0019	0.22	0.0014	0.0016 U	**0.00056 J**	0.0018 U	0.0018 U	0.0034 U	**0.0026 J**
Trichloroethene	79-01-6	**21**	**0.47**	mg/kg	**0.169 J**	0.0019 U	0.0019 U	0.22 U	0.0014 U	**0.014**	**0.0082**	**0.00091 J**	**0.0065**	**0.016**	**0.14**
Xylene (total)	1330-20-7	**100**	**1.6**	mg/kg	0.17 U	**0.0045**	0.0019 U	0.22 U	**0.003**	0.0016 U	0.0023 U	0.0024 U	**0.00105 J**	0.0045 U	0.0045 U
Semivolatile Organics by GC/MS - Westborough Lab															
2-Methylnaphthalene	91-57-6			mg/kg	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	83-32-9	**100**	**98**	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	208-96-8	**100**	**107**	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Anthracene	120-12-7	**100**	**1,000**	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	56-55-3	**1**	**1**	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	50-32-8	**1**	**22**	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	205-99-2	**1**	**1.7**	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Benzo(ghi)perylene	191-24-2	**100**	**1,000**	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	207-08-9	**3.9**	**1.7**	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Bis(2-ethylhexyl)phthalate	117-81-7			mg/kg	-	-	-	-	-	-	-	-	-	-	-
Butyl benzyl phthalate	85-68-7			mg/kg	-	-	-	-	-	-	-	-	-	-	-
Carbazole	86-74-8			mg/kg	-	-	-	-	-	-	-	-	-	-	-
Chrysene	218-01-9	**3.9**	**1**	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	53-70-3	**0.33**	**1,000**	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	206-44-0	**100**	**1,000**	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Fluorene	86-73-7	**100**	**386**	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	**8.2**	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	91-20-3	**100**	**12**	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	85-01-8	**100**	**1,000**	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Pyrene	129-00-0	**100**	**1,000**	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Total Metals - Westborough Lab															
Aluminum, Total	7429-90-5			mg/kg	-	-	-	-	-	-	-	-	-	-	-
Antimony, Total	7440-36-0			mg/kg	-	-	-	-	-	-	-	-	-	-	-
Arsenic, Total	7440-38-2	**16**	**16**	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Barium, Total	7440-39-3	**400**	**820**	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Beryllium, Total	7440-41-7	**72**	**47**	mg/kg	-	-	-	-	-	-	-	-	-	-	-
Cadmium, Total	7440-43-9	**4.3**	**7.5**	mg/kg	-	-	-	-	-	-	-	-	-	-	-

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SUMMARY OF SOIL ANALYTICAL RESULTS VS. RESTRICTED RESIDENTIAL & PROTECTION OF GROUNDWATER SCOs (QUALIFIED)

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
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Parameter [1]	CasNum	NY-RRSCO [2]	NY-PGW [2]	Units	Location (depth), Sample Date, Lab Data Package No.											
					LCS PHASE II (MAY 2014)					TURNKEY SUPPLEMENTAL PHASE II (MAY 2014) - UNDER BUILDING						
					BH-3 (6.0-8.0) 5/7/2014	Qual [3]	BH-4 (12.0 - 14.0) 5/7/2014	Qual [3]	BH-6 (2.0 - 4.0) 5/7/2014	Qual [3]	BH-7 (0.5 - 2.0) 5/7/2014	Qual [3]	BH-8 (0.5 - 2.0) 5/7/2014	Qual [3]	SB-1 (1.5 - 2.0) 5/20/2014	Qual	SB-2 (1.0 - 2.5) 5/20/2014	Qual	SB-3 (2.5 - 3.0) 5/20/2014	Qual	SB-4 (2.5 - 3.0) 5/20/2014	Qual	SB-5 (2.5 - 3.0) 5/20/2014	Qual	SB-6 (2.5 - 3.0) 5/20/2014	Qual
Calcium, Total	7440-70-2			mg/kg	-		-		-		-		-		-		-		-		-		-	
Chromium, Total	7440-47-3	**180**	**NS**	mg/kg	-		-		-		-		-		-		-		-		-		-	
Cobalt, Total	7440-48-4			mg/kg	-		-		-		-		-		-		-		-		-		-	
Copper, Total	7440-50-8	**270**	**1,720**	mg/kg	-		-		-		-		-		-		-		-		-		-	
Iron, Total	7439-89-6			mg/kg	-		-		-		-		-		-		-		-		-		-	
Lead, Total	7439-92-1	**400**	**450**	mg/kg	-		-		-		-		-		-		-		-		-		-	
Magnesium, Total	7439-95-4			mg/kg	-		-		-		-		-		-		-		-		-		-	
Manganese, Total	7439-96-5	**2,000**	**2,000**	mg/kg	-		-		-		-		-		-		-		-		-		-	
Mercury, Total	7439-97-6	**0.81**	**0.73**	mg/kg	-		-		-		-		-		-		-		-		-		-	
Nickel, Total	7440-02-0	**310**	**130**	mg/kg	-		-		-		-		-		-		-		-		-		-	
Potassium, Total	7440-09-7			mg/kg	-		-		-		-		-		-		-		-		-		-	
Selenium, Total	7782-49-2	**180**	**4**	mg/kg	-		-		-		-		-		-		-		-		-		-	
Silver, Total	7440-22-4	**180**	**8.3**	mg/kg	-		-		-		-		-		-		-		-		-		-	
Sodium, Total	7440-23-5			mg/kg	-		-		-		-		-		-		-		-		-		-	
Thallium, Total	7440-28-0			mg/kg	-		-		-		-		-		-		-		-		-		-	
Vanadium, Total	7440-62-2			mg/kg	-		-		-		-		-		-		-		-		-		-	
Zinc, Total	7440-66-6	**10,000**	**2,480**	mg/kg	-		-		-		-		-		-		-		-		-		-	
Organochlorine Pesticides by GC - Westborough Lab																								
4,4'-DDD	72-54-8	**13**	**14**	mg/kg	-		-		-		-		-		-		-		-		-		-	
4,4'-DDE	72-55-9	**8.9**	**17**	mg/kg	-		-		-		-		-		-		-		-		-		-	
Polychlorinated Biphenyls by GC - Westborough Lab																								
Aroclor 1254	11097-69-1	**1**	**3.2**	mg/kg	-		-		-		-		-		-		-		-		-		-	
Aroclor 1260	11096-82-5	**1**	**3.2**	mg/kg	-		-		-		-		-		-		-		-		-		-	
PCBs, Total	1336-36-3	**1**	**3.2**	mg/kg	-		-		-		-		-		-		-		-		-		-	

Notes:

1. Only compounds detected with reporting limits that exceed the corresponding regulatory standard in at least one sample are included on the summary sheets.
2. Part 375 restricted residential soil cleanup objectives (RRSCOs) and protection of groundwater SCOs (PGW).
3. Validated data and qualifiers are in **RED.**
4. Data not validated.

Qualifier Key:

NJ The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated qantitative value.
J The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
U The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
UJ The analyte was not detected. The associated reported quantitation limit is an estimate and may be inaccurate or imprecise.

Color Code:

= concentration exceeds the Part 375 Restricted Residential Soil Cleanup Objective (SCO) and the Protection of Groundwater SCO.
= concentration exceeds the Part 375 Restricted Residential SCO
= concentration exceeds the Part 375 Protection of Groundwater SCO.

TABLE 7

SUMMARY OF HISTORICAL GROUNDWATER RESULTS VS. GWQSs/GVs (QUALIFIED)

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Parameter [1]	CasNum	NY-GWQS [2]	Units	Temporary Well Location, Sand Interval, Screened Interval, Sample Date, & Lab Data Package No.										
				TPMW-1	TPMW-2	TPMW-3	TPMW-4	TPMW-5	TPMW-6	TPMW-7	TPMW-8	TPMW-9	TPMW-10	TPMW-11
				0.5 - 16.0	0.5 - 18.2	0.5 - 18.4	0.5 - 18.5	0.5 - 16	0.5 - 16.0	NA	NA	NA	NA	NA
				4.9 - 16.0	5.9 - 18.2	7.9 - 18.4	4.9 - 18.5	4.9 - 16	4.9 - 16.0	5.0 - 10.0	10.0 - 15.0	9.0 - 14.0	5 - 15.0	10.0 - 15.0
				05/07/2014	05/07/2014	05/08/2014	05/08/2014	05/08/2014	05/08/2014	5/22/2014	5/22/2014	5/22/2014	5/22/2014	5/22/2014
				MC30395	MC30395	MC30471	MC30471	MC30471	MC30471	L1411100	L1411100	L1411100	L1411100	L1411100
				Qual [4]	Qual [4]	Qual [4]	Qual [4]	Qual [4]	Qual [4]	Qual	Qual	Qual	Qual	Qual
Volatile Organics by GC/MS - Westborough Lab														
1,1-Dichloroethene	75-35-4	**0.005**	mg/L	0.00061	0.00066 J	0.00061 U	0.00061 U	0.00061 U	0.00061 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.00024 J
Acetone	67-64-1	**0.05**	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.003 J	0.0042 J	0.0076	0.013	0.007
Benzene	71-43-2	**0.001**	mg/L	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.00016 J	0.0005 U	0.0005 U	0.0012
Chloroform	67-66-3	**0.007**	mg/L	0.0017	0.00041	0.00041 U	0.00041 U	0.00041 U	0.00041 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
cis-1,2-Dichloroethene	156-59-2	**0.005**	mg/L	0.0673	0.165	0.00084 U	0.00084 U	0.00084 U	0.00084 U	0.03	0.0025 U	0.0025 U	0.0025 U	0.087
Cyclohexane	110-82-7		mg/L	--	--	--	--	--	--	0.00035 J	0.00054 J	0.0043 J	0.0013 J	0.0038 J
Methyl cyclohexane	108-87-2		mg/L	--	--	--	--	--	--	0.00065 J	0.00074 J	0.01	0.0013 J	0.0082 J
Methyl tert butyl ether	1634-04-4	**0.01**	mg/L	--	--	--	--	--	--	0.0025 U	0.0025 U	0.0025 U	0.0019 J	0.0025 U
Tetrachloroethene	127-18-4	**0.005**	mg/L	0.0716	0.015	0.00059 U	0.00059 U	0.00059 U	0.00059 U	0.002	0.0005 U	0.0005 U	0.0005 U	0.015
trans-1,2-Dichloroethene	156-60-5	**0.005**	mg/L	0.00077 J	0.0043	0.00051 U	0.00051 U	0.00051 U	0.00051 U	0.0018 J	0.0025 U	0.0025 U	0.0025 U	0.0012 J
Trichloroethene	79-01-6	**0.005**	mg/L	0.0269	0.0224	0.00047 U	0.00047 U	0.00047 U	0.00047 U	0.002	0.0005 U	0.0005 U	0.0005 U	0.011
Vinyl chloride	75-01-4	**0.002**	mg/L	0.00058 U	0.0024	0.00058 U	0.00058 U	0.00058 U	0.00058 U	0.0027	0.001 U	0.001 U	0.001 U	0.011
Xylenes, Total	1330-20-7	**0.005**	mg/L	0.00054 J	0.00036	0.00036 U	0.00036 U	0.00036 U	0.00036 U	0.0025 U	0.0025 U	0.001 J	0.0025 U	0.0025 U
Total cVOCs	***NA***	***NA***	***mg/L***	***0.16888***	***0.21017***	***ND***	***ND***	***ND***	***ND***	***0.0385***	***ND***	***ND***	***ND***	***0.12544***

Notes:

1. Only compounds detected with reporting limits that exceed the corresponding regulatory standard in at least one sample are included on the summary sheets.
2. NYS Ambient Water Quality Class GA Groundwater Quality Standards/Guidance Values; NYSDEC June 1998 Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1
3. Validated data and qualifiers are in **RED.**
4. Data not validated.

Qualifier Key:

J = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
U = The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.

Color Code:

= chlorinated VOCs (cVOCs) are highlighted in BLUE
= concentration exceeds the NYSDEC Class GA GWQS/GV.

TABLE 8

SUMMARY OF ROUND 1 GROUNDWATER & STORM WATER ANALYTICAL RESULTS VS. GWQSs/GVs (QUALIFIED)

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Parameter [1]	CasNum	NY-GWQS	Units	Monitoring Location, Sample Date, Lab Data Package No.								
				CB-3 1/13/2015 L1500727	MW-1A 1/12/2015 L1500729	MW-1B 1/12/2015 L1500729	MW-2A 1/12/2015 L1500729	MW-2B 1/12/2015 L1500729	MW-3A 1/13/2015 L1500729	MW-3B 1/13/2015 L1500729	MW-4A 1/12/2015 L1500729	MW-5A 1/12/2015 L1500729
				Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual	Qual
Field Measurements												
Field pH	NA	**6.5 - 8.5**	S.U	-	7.29	7.39	7.11	7.34	7.11	7.31	6.89	7.34
Temperature	NA	-	DEG C	-	6.7	8.8	9.7	10.1	6.1	8.3	10.3	9.3
Specific Conductance	NA	-	UMHOS/CM	-	1689	1420	1548	1535	1028	900	1586	1203
Turbidity	NA	-	NTU	-	1.98	20.6	21.8	23	221	14.8	610	132
Dissolved Oxygen	NA	-	MG/L	-	3.47	2.5	4.08	2.53	3.66	2.27	1.59	7.9
Redox Potential	NA	-	mV	-	185	-75	53	38	127	62	23	145
Volatile Organics by GC/MS - Westborough Lab												
Acetone	67-64-1	**0.05**	mg/l	0.014	0.005 UJ	0.005 UJ	0.0019 J	0.005 UJ	0.0043 J	0.005 UJ	0.0026 J	0.0039 J
Carbon disulfide	75-15-0	**0.06**	mg/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.0019 J	0.005 U	0.005 U	0.005 U
Chloroform	67-66-3	**0.007**	mg/l	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
cis-1,2-Dichloroethene	156-59-2	**0.005**	mg/l	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.022	0.0025 U
Cyclohexane	110-82-7		mg/l	0.0037 J	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	108-87-2		mg/l	0.0022 J	0.01 U	0.01 U	0.01 U	0.0021 J	0.01 U	0.00085 J	0.01 U	0.01 U
Methyl tert butyl ether	1634-04-4	**0.01**	mg/l	0.0025 U	0.0013 J	0.0017 J	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Tetrachloroethene	127-18-4	**0.005**	mg/l	0.0017	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Trichloroethene	79-01-6	**0.005**	mg/l	0.00044 J	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Total cVOCs	***NA***	***NA***	***mg/l***	***0.00214***	***ND***	***ND***	***ND***	***ND***	***ND***	***ND***	***0.022***	***ND***
Semivolatile Organics by GC/MS - Westborough Lab												
Bis(2-Ethylhexyl)phthalate	117-81-7	**0.005**	mg/l	-	0.0062 U	0.0027 U	0.0074 U	0.0062 U	0.0025 U	0.006 U	0.0075 U	0.0067 U
Naphthalene	91-20-3	**0.01**	mg/l	-	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0001 J	0.0002 U
General Chemistry - Westborough Lab												
Nitrogen, Nitrate	14797-55-8	**10**	mg/l	-	0.1 U	-	-	-	-	-	-	-
Total Organic Carbon	7440-44-0		mg/l	-	6.74	-	-	-	-	-	-	-
Anions by Ion Chromatography - Westborough Lab												
Sulfate	14808-79-8	**250**	mg/l	-	120	-	-	-	-	-	-	-
Dissolved Gases by GC - Mansfield Lab												
Ethane	74-84-0		mg/l	-	0.0121	-	-	-	-	-	-	-
Ethene	74-85-1		mg/l	-	0.0005 U	-	-	-	-	-	-	-
Methane	74-82-8		mg/l	-	0.0404	-	-	-	-	-	-	-
Total Metals - Westborough Lab												
Aluminum, Total	7429-90-5		mg/l	-	0.283	0.59	0.123 U	0.0977 U	3.44	0.142 U	7.84	0.273 U
Antimony, Total	7440-36-0	**0.003**	mg/l	-	0.00088 J	0.00144 U	0.00089 U	0.00123 U	0.00084 U	0.00073 U	0.00074 U	0.00112 U
Arsenic, Total	7440-38-2	**0.025**	mg/l	-	0.00075	0.00473	0.00076 U	0.00373	0.00352	0.0024	0.00344	0.0014
Barium, Total	7440-39-3	**1**	mg/l	-	0.02212	0.0454 U	0.05055 U	0.09085	0.06757 U	0.03366 U	0.1501	0.0345 U
Beryllium, Total	7440-41-7	**0.003**	mg/l	-	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.00016 J	0.0005 U	0.00029 J	0.0005 U
Cadmium, Total	7440-43-9	**0.005**	mg/l	-	0.00005 J	0.0002 U	0.0002 U	0.0002 U	0.00012 J	0.0002 U	0.00015 J	0.00006 J
Calcium, Total	7440-70-2		mg/l	-	154	143	149	161	233	179	291	210
Chromium, Total	7440-47-3	**0.05**	mg/l	-	0.00103	0.00129 U	0.00094 U	0.00042 U	0.00749	0.00071 U	0.01221	0.0013 U
Cobalt, Total	7440-48-4		mg/l	-	0.00133	0.00028	0.00096	0.00012 J	0.00459	0.00015 J	0.00678	0.00204
Copper, Total	7440-50-8	**0.2**	mg/l	-	0.00179	0.001 U	0.00117 U	0.001 U	0.0048 U	0.00026 U	0.01189 U	0.00215 U
Iron, Total	7439-89-6	**0.3**	mg/l	-	1.18	3.33	0.2 U	0.69	6.84	1.55	14.2	0.483
Lead, Total	7439-92-1	**0.025**	mg/l	-	0.00047 J	0.00023 U	0.00014 U	0.00013 U	0.00207 U	0.001 U	0.00488 U	0.00045 U
Magnesium, Total	7439-95-4	**35**	mg/l	-	44.8	28.3 J	28.9	31.2	39.7 J	29.8 J	105	31.1 J

TABLE 8

SUMMARY OF ROUND 1 GROUNDWATER & STORM WATER ANALYTICAL RESULTS VS. GWQSs/GVs (QUALIFIED)

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Parameter [1]	CasNum	NY-GWQS	Units	Monitoring Location, Sample Date, Lab Data Package No.									
				CB-3 1/13/2015 L1500727	Qual	MW-1A 1/12/2015 L1500729	Qual	MW-1B 1/12/2015 L1500729	Qual	MW-2A 1/12/2015 L1500729	Qual	MW-2B 1/12/2015 L1500729	Qual
Manganese, Total	7439-96-5	**0.3**	mg/l	-		0.5738		0.04111	U	0.4908		0.04305	U
Nickel, Total	7440-02-0	**0.1**	mg/l	-		0.00361		0.00146		0.00303		0.00132	
Potassium, Total	7440-09-7		mg/l	-		1.17		6.25		12.6		11.8	
Sodium, Total	7440-23-5	**20**	mg/l	-		173		77.4		114		80.4	
Thallium, Total	7440-28-0	**0.0005**	mg/l	-		0.0005	U	0.0005	U	0.00006	J	0.0005	U
Vanadium, Total	7440-62-2		mg/l	-		0.00082	J	0.00182	J	0.005	U	0.005	U
Zinc, Total	7440-66-6	**2**	mg/l	-		0.0057	J	0.00569	J	0.00739	J	0.01	U
Dissolved Metals - Westborough Lab													
Aluminum, Dissolved	7429-90-5		mg/l	-		-		0.003	U	-		-	
Antimony, Dissolved	7440-36-0	**0.003**	mg/l	-		-		0.0004	U	-		-	
Arsenic, Dissolved	7440-38-2	**0.025**	mg/l	-		-		0.0041		-		-	
Barium, Dissolved	7440-39-3	**1**	mg/l	-		-		0.0486	U	-		-	
Beryllium, Dissolved	7440-41-7	**0.003**	mg/l	-		-		0.0005	U	-		-	
Cadmium, Dissolved	7440-43-9	**0.005**	mg/l	-		-		0.0001	J	-		-	
Calcium, Dissolved	7440-70-2		mg/l	-		-		144		-		-	
Chromium, Dissolved	7440-47-3	**0.05**	mg/l	-		-		0.0004	J	-		-	
Cobalt, Dissolved	7440-48-4		mg/l	-		-		0.0001	J	-		-	
Copper, Dissolved	7440-50-8	**0.2**	mg/l	-		-		0.0004	U	-		-	
Iron, Dissolved	7439-89-6	**0.3**	mg/l	-		0.143		1.78		-		-	
Lead, Dissolved	7439-92-1	**0.025**	mg/l	-		-		0.001	U	-		-	
Magnesium, Dissolved	7439-95-4	**35**	mg/l	-		-		56	J	-		-	
Manganese, Dissolved	7439-96-5	**0.3**	mg/l	-		-		0.0294	U	-		-	
Nickel, Dissolved	7440-02-0	**0.1**	mg/l	-		-		0.0007		-		-	
Potassium, Dissolved	7440-09-7		mg/l	-		-		6.18		-		-	
Sodium, Dissolved	7440-23-5	**20**	mg/l	-		-		77.7		-		-	
Thallium, Dissolved	7440-28-0	**0.0005**	mg/l	-		-		0.0002	U	-		-	
Vanadium, Dissolved	7440-62-2		mg/l	-		-		0.005	U	-		-	
Zinc, Dissolved	7440-66-6	**2**	mg/l	-		-		0.0112	J	-		-	

Parameter [1]	CasNum	NY-GWQS	Units	MW-3A 1/13/2015 L1500729	Qual	MW-3B 1/13/2015 L1500729	Qual	MW-4A 1/12/2015 L1500729	Qual	MW-5A 1/12/2015 L1500729	Qual
Manganese, Total	7439-96-5	**0.3**	mg/l	0.5296		0.06631	U	0.3566		0.3298	
Nickel, Total	7440-02-0	**0.1**	mg/l	0.01321		0.00074		0.01989		0.00533	
Potassium, Total	7440-09-7		mg/l	20.4		7.78		5.62		2.92	J
Sodium, Total	7440-23-5	**20**	mg/l	88.5	J	40.1	J	62.9		32.2	
Thallium, Total	7440-28-0	**0.0005**	mg/l	0.00007	J	0.0005	U	0.00013	J	0.00007	J
Vanadium, Total	7440-62-2		mg/l	0.00657		0.005	U	0.01465		0.00086	J
Zinc, Total	7440-66-6	**2**	mg/l	0.02622		0.00286	J	0.04199		0.00742	J
Dissolved Metals - Westborough Lab											
Aluminum, Dissolved	7429-90-5		mg/l	0.007	U	0.004	U	0.003	U	0.013	U
Antimony, Dissolved	7440-36-0	**0.003**	mg/l	0.0007	U	0.0007	U	0.0005	U	0.0007	U
Arsenic, Dissolved	7440-38-2	**0.025**	mg/l	0.0033		0.0023		0.0012		0.001	
Barium, Dissolved	7440-39-3	**1**	mg/l	0.0531	U	0.0314	U	0.1139		0.0315	U
Beryllium, Dissolved	7440-41-7	**0.003**	mg/l	0.0005	U	0.0005	U	0.0005	U	0.0005	U
Cadmium, Dissolved	7440-43-9	**0.005**	mg/l	0.0001	J	0.0002	U	0.0002	U	0.0001	J
Calcium, Dissolved	7440-70-2		mg/l	222		164		228		194	
Chromium, Dissolved	7440-47-3	**0.05**	mg/l	0.0005	U	0.0005	U	0.0005	U	0.0008	U
Cobalt, Dissolved	7440-48-4		mg/l	0.0026		0.0001	J	0.0012		0.002	
Copper, Dissolved	7440-50-8	**0.2**	mg/l	0.0007	U	0.001	U	0.001	U	0.0013	U
Iron, Dissolved	7439-89-6	**0.3**	mg/l	0.645		1.21		1.31		0.025	U
Lead, Dissolved	7439-92-1	**0.025**	mg/l	0.001	U	0.001	U	0.001	U	0.001	U
Magnesium, Dissolved	7439-95-4	**35**	mg/l	82.6	J	66.9	J	96.4		69.9	J
Manganese, Dissolved	7439-96-5	**0.3**	mg/l	0.5029		0.0649	U	0.1459		0.331	
Nickel, Dissolved	7440-02-0	**0.1**	mg/l	0.0054		0.0009		0.0027		0.005	
Potassium, Dissolved	7440-09-7		mg/l	21.1		8.53		5.32		5.01	J
Sodium, Dissolved	7440-23-5	**20**	mg/l	103	J	63	J	70.3		30.2	
Thallium, Dissolved	7440-28-0	**0.0005**	mg/l	0.0002	U	0.0002	U	0.0002	U	0.0001	J
Vanadium, Dissolved	7440-62-2		mg/l	0.005	U	0.005	U	0.005	U	0.005	U
Zinc, Dissolved	7440-66-6	**2**	mg/l	0.0065	J	0.01	U	0.0035	J	0.0044	J

Notes:

1. Only compounds detected with reporting limits that exceed the corresponding regulatory standard in at least one sample are included on the summary sheets.
2. NYS Ambient Water Quality Class GA Groundwater Quality Standards/Guidance Values; NYSDEC June 1998 Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1
3. Validated data and qualifiers are in **RED.**

Qualifier Key:

J = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
U = The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
UJ = The analyte was not detected. The associated reported quantitation limit is an estimate and may be inaccurate or imprecise.

Color Code:

= chlorinated VOCs (cVOCs) are highlighted in BLUE
= concentration exceeds the NYSDEC Class GA GWQS/GV.

TABLE 9

SUMMARY OF ROUND 2 GROUNDWATER ANALYTICAL RESULTS VS. GWQSs/GVs (QUALIFIED)

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Parameter	CasNum	NY-AWQS	Units	Monitoring Location, Sample Date, & Lab Data Package No.									
				MW-1A 3/25/2015 L1506003	Qual	MW-1B 3/25/2015 L1506003	Qual	MW-2A 3/25/2015 L1506003	Qual	MW-2B 3/25/2015 L1506003	Qual	MW-3A 3/25/2015 L1506003	Qual
Volatile Organics by GC/MS - Westborough Lab													
Acetone	67-64-1	0.05	mg/L	0.005	U	0.005	U	0.0019	J	0.005	U	0.0019	J
Carbon disulfide	75-15-0	0.06	mg/L	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U
Chloroform	67-66-3	0.007	mg/L	0.0025	U	0.0025	U	0.0025	U	0.0025	U	0.0025	U
cis-1,2-Dichloroethene	156-59-2	0.005	mg/L	0.0025	U	0.0025	U	0.0025	U	0.0025	U	0.0025	U
Cyclohexane	110-82-7	--	mg/L	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Methyl cyclohexane	108-87-2	--	mg/L	0.01	U	0.01	U	0.01	U	0.0024	J	0.01	U
Methyl tert butyl ether	1634-04-4	0.01	mg/L	0.0012	J	0.0016	J	0.0025	U	0.0016	J	0.0025	U
Tetrachloroethene	127-18-4	0.005	mg/L	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U
Trichloroethene	79-01-6	0.005	mg/L	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U
Total cVOCs	***NA***	***NA***	***mg/L***	***ND***		***ND***		***ND***		***ND***		***ND***	

Parameter	CasNum	NY-AWQS	Units	Monitoring Location, Sample Date, & Lab Data Package No.									
				MW-3B 3/25/2015 L1506003	Qual	MW-4A 3/25/2015 L1506003	Qual	MW-5A 3/25/2015 L1506003	Qual	EQUIPMENT BLANK 3/25/2015 L1506003	Qual	TRIP BLANK 3/25/2015 L1506003	Qual
Volatile Organics by GC/MS - Westborough Lab													
Acetone	67-64-1	0.05	mg/L	0.005	U	0.005	U	0.0098		0.005	U	0.005	U
Carbon disulfide	75-15-0	0.06	mg/L	0.005	U	0.005	U	0.005	U	0.005	U	0.005	U
Chloroform	67-66-3	0.007	mg/L	0.0025	U	0.0025	U	0.0025	U	0.0025	U	0.0025	U
cis-1,2-Dichloroethene	156-59-2	0.005	mg/L	0.0025	U	0.024		0.0025	U	0.0025	U	0.0025	U
Cyclohexane	110-82-7	--	mg/L	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Methyl cyclohexane	108-87-2	--	mg/L	0.00085	J	0.00085	J	0.00085	J	0.01	U	0.01	U
Methyl tert butyl ether	1634-04-4	0.01	mg/L	0.0025	U	0.0025	U	0.0025	U	0.0025	U	0.0025	U
Tetrachloroethene	127-18-4	0.005	mg/L	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U
Trichloroethene	79-01-6	0.005	mg/L	0.0005	U	0.0005	U	0.0005	U	0.0005	U	0.0005	U
Total cVOCs	***NA***	***NA***	***mg/L***	***ND***		***0.024***		***ND***		***ND***		***ND***	

Notes:

1. Only compounds detected with reporting limits that exceed the corresponding regulatory standard in at least one sample are included on the summary sheets.
2. NYS Ambient Water Quality Class GA Groundwater Quality Standards/Guidance Values; NYSDEC June 1998 Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1
3. Validated data and qualifiers are in **RED.**

Qualifier Key:

J = The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
U = The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.

Color Code:

= chlorinated VOCs (cVOCs) are highlighted in BLUE
= concentration exceeds the NYSDEC Class GA GWQS/GV.

TABLE 10

SUMMARY OF PRE-REMEDIAL SOIL VAPOR ANALYTICAL RESULTS

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Compound [1]	CasNum	Units	Sample Location, Collection Date, Laboratory Report No., and Qualifier									
			SUBSLAB VAPOR 5/21/2014 L1410983	Qual	INDOOR AIR 5/21/2014 L1410982	Qual	OUTDOOR AIR 5/21/2014 L1410982	Qual	SV-2 12/12/2014 L1430062	Qual	SV-3 12/12/2014 L1430062	Qual
Volatile Organic Compounds - TO-15												
1,1,1-Trichloroethane	71-55-6	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,1,2-Trichloroethane	79-00-5	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,1-Dichloroethane	75-34-3	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,1-Dichloroethene	75-35-4	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2,4-Trichlorobenzene	120-82-1	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2,4-Trimethylbenzene	95-63-6	ug/m3	0.46		0.338		0.2	U	0.338		0.383	
1,2-Dibromoethane	106-93-4	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2-Dichlorobenzene	95-50-1	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2-Dichloroethane	107-06-2	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,2-Dichloropropane	78-87-5	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,3,5-Trimethylbenzene	108-67-8	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,3-Butadiene	106-99-0	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,3-Dichlorobenzene	541-73-1	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,4-Dichlorobenzene	106-46-7	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
1,4-Dioxane	123-91-1	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
2,2,4-Trimethylpentane	540-84-1	ug/m3	0.2	U	0.2	U	0.2	U	0.62		0.708	
2-Butanone	78-93-3	ug/m3	0.705		0.704		0.249		1.07		0.993	
2-Hexanone	591-78-6	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
3-Chloropropene	107-05-1	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
4-Ethyltoluene	622-96-8	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
4-Methyl-2-pentanone	108-10-1	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Acetone	67-64-1	ug/m3	10.6		11.2		3.72		7.78		6.31	
Benzene	71-43-2	ug/m3	0.2	U	0.2	U	0.297		0.905		0.868	
Benzyl chloride	100-44-7	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Bromodichloromethane	75-27-4	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Bromoform	75-25-2	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Bromomethane	74-83-9	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Carbon disulfide	75-15-0	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Carbon tetrachloride	56-23-5	ug/m3	0.2	U	0.054		0.052		0.2	U	0.2	U
Chlorobenzene	108-90-7	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Chloroethane	75-00-3	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Chloroform	67-66-3	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Chloromethane	74-87-3	ug/m3	0.528		0.6		0.561		0.247		0.275	
cis-1,2-Dichloroethene	156-59-2	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
cis-1,3-Dichloropropene	10061-01-5	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U

TABLE 10

SUMMARY OF PRE-REMEDIAL SOIL VAPOR ANALYTICAL RESULTS

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Compound [1]	CasNum	Units	Sample Location, Collection Date, Laboratory Report No., and Qualifier									
			SUBSLAB VAPOR 5/21/2014 L1410983	Qual	INDOOR AIR 5/21/2014 L1410982	Qual	OUTDOOR AIR 5/21/2014 L1410982	Qual	SV-2 12/12/2014 L1430062	Qual	SV-3 12/12/2014 L1430062	Qual
Cyclohexane	110-82-7	ug/m3	0.2	U	0.2	U	0.2	U	0.488		0.475	
Dibromochloromethane	124-48-1	ug/m3	0.326		0.2	U	0.2	U	0.2	U	0.2	U
Dichlorodifluoromethane	75-71-8	ug/m3	0.2	U	0.421		0.29		1.07		0.378	
Ethanol	64-17-5	ug/m3	11.7		13.4		0.2	U	56.6		59.7	
Ethyl Acetate	141-78-6	ug/m3	0.5	U	0.5	U	0.5	U	10.9		10.8	
Ethylbenzene	100-41-4	ug/m3	0.226		0.236		0.2	U	0.528		0.594	
Freon-113	76-13-1	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Freon-114	76-14-2	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Heptane	142-82-5	ug/m3	0.2	U	0.2	U	0.2	U	0.963		0.951	
Hexachlorobutadiene	87-68-3	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Isopropanol	67-63-0	ug/m3	1		1.17		0.5	U	8.13		8.88	
Methyl tert butyl ether	1634-04-4	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Methylene chloride	75-09-2	ug/m3	4.79		7.92		1.47		0.5	U	0.5	U
n-Hexane	110-54-3	ug/m3	0.2	U	0.211		0.2	U	1.54		1.67	
o-Xylene	95-47-6	ug/m3	0.337		0.319		0.2	U	0.631		0.683	
p/m-Xylene	179601-23-1	ug/m3	0.862		0.836		0.2	U	1.8		1.97	
Styrene	100-42-5	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Tertiary butyl Alcohol	75-65-0	ug/m3	0.5	U	0.5	U	0.5	U	0.535		0.543	
Tetrachloroethene	127-18-4	ug/m3	0.58		0.471		0.038		0.2	U	0.2	U
Tetrahydrofuran	109-99-9	ug/m3	0.2	U	0.2	U	0.2	U	0.357		0.438	
Toluene	108-88-3	ug/m3	1.13		1.1		0.583		4.51		4.48	
trans-1,2-Dichloroethene	156-60-5	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
trans-1,3-Dichloropropene	10061-02-6	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Trichloroethene	79-01-6	ug/m3	0.2	U	0.2	U	0.2	U	0.204		0.2	U
Trichlorofluoromethane	75-69-4	ug/m3	0.268		0.291		0.241		1.24		0.547	
Vinyl bromide	593-60-2	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Vinyl chloride	75-01-4	ug/m3	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U

Notes:

1. All TO-15 VOCs are included on the table.

Qualifier Key:

U = Not detected at the reported detection limit for the sample.

Color Code:

blue = one of seven compounds regulated by the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006 / June 2007).

TABLE 11

STANDARDS, CRITERIA, AND GUIDANCE (SCGs)

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Citation	Title	Regulatory Agency
General		
29 CFR 1910.120	Hazardous Waste Operations and Emergency Response	US Dept. of Labor, OSHA
29 CFR 1910.1000	OSHA General Industry Air Contaminants Standard	US Dept. of Labor, OSHA
29 CFR 1926	Safety and Health Regulations for Construction	US Dept. of Labor, OSHA
Not Applicable	Analytical Services Protocol	NYSDEC
6NYCRR Part 608	Use and Protection of Waters	NYSDEC
6NYCRR Part 621	Uniform Procedures Regulations	NYSDEC
6NYCRR Parts 750-757	State Pollutant Discharge Elimination System	NYSDEC
Section 404	Clean Water Act	USACE
Soil		
6NYCRR Part 375	Environmental Remediation Programs	NYSDEC
DEC Policy CP-51	Soil Cleanup Guidance	NYSDEC
Groundwater		
6NYCRR Part 700-705	Surface Water and Ground Water Classification Standards	NYSDEC
TOGS 1.1.1	Ambient Water Quality Standards and Guidance Values	NYSDEC
TOGS 2.1.3	Primary and Principal Aquifer	NYSDEC
Air		
DER-10 Appendix 1B	Fugitive Dust Suppression and Particulate Monitoring Program at Inactive Hazardous Waste Sites	NYSDEC
NYSDOH, October 2006	Final - Guidance for Evaluating Soil Vapor Intrusion in the State of New York	NYSDOH
Solid Waste		
6NYCRR 360	Solid Waste Management Facilities	NYSDEC
6NYCRR 364	Waste Transporters	NYSDEC

TABLE 12

ALTERNATIVE 2: COST ESTIMATE FOR TRACK 1 CLEANUP

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Item	Quantity	Units	Unit Cost	Total Cost
Impacted Soil/Fill Removal				
Oversight/Monitoring Labor and Expenses	1	LS	$ 15,000	$ 15,000
Cut Concrete Floor	280	LF	$ 5	$ 1,400
Remove Concrete Floor	4,900	SF	$ 5	$ 24,500
Dumpster Rental	6	EA	$ 500	$ 3,000
Off-site Disposal	120	TON	$ 35	$ 4,200
Soil/Fill Excavation & Dewatering (15 fbgs)	7,200	CY	$ 15	$ 108,000
Transportation & Disposal at TSDF (non-haz)	11,520	TON[1]	$ 40	$ 460,800
Verification Sampling	1	LS	$ 10,000	$ 10,000
Subtotal:				**$ 626,900**
Site Restoration				
Oversight/Monitoring Labor and Expenses	1	LS	$ 7,000	$ 7,000
New 4" Concrete Floor	4,900	SF	$ 6.50	$ 31,850
Part 375[2] Compliant Backfill, Place & Compact	11,520	TON	$ 5	$ 57,600
Asphalt (surface prep, base, 4" placed)	5,550	SF	$ 5.50	$ 30,525
Subtotal:				**$ 126,975**
Vault Cover System and Restoration				
Vault Structural Fill[2] (42' x 42 'x 3'), purchase/deliver	294	TON	$ 15	$ 4,410
Compaction Equipment	1	LS	$ 2,000	$ 2,000
1-Foot Concrete Slab	1,764	SF	$ 20	$ 35,280
Subtotal:				**$ 41,690**
Reporting				
Final Engineering Report & Site Management Plan	1	LS	$ 30,000	$ 30,000
Subtotal:				**$ 30,000**
Subtotal Capital Cost				**$ 825,565**
Contractor Mobilization/Demobilization				$ 75,000
Engineering/Contingency (5%)				$ 41,278
Estimated Remedial Cost				**$ 941,900**

Notes:

1. Estimated 1.6 tons per cubic yard
2. Per 6NYCRR 375-6.7(d)(ii)(b)

TABLE 13

ALTERNATIVE 3: COST ESTIMATE FOR TRACK 4 CLEANUP

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Item	Quantity	Units	Unit Cost	Total Cost
Institutional Controls				
Develop Site Management Plan, Easement, Survey	1	LS	$ 25,000	$ 25,000
Subtotal:				**$ 25,000**
Impacted Soil/Fill Removal (Vault and Footers)				
Oversight/Monitoring Labor and Expenses	1	LS	$ 12,000	$ 12,000
Soil Excavation & Dewatering	361	CY	$ 15	$ 5,420
Transportation & Disposal at TSDF (non-haz)	578	TON[1]	$ 40	$ 23,125
Amendments	1	LS	$ 9,000	$ 9,000
Verification Sampling Analysis and Validation	1	LS	$ 1,400	$ 1,400
Subtotal:				**$ 50,945**
Catch Basin Remediation				
Oversight Labor and Expenses	1	LS	$ 12,500	$ 12,500
Remove CB, Decon, Install new CB and Pipe	1	LS	$ 9,800	$ 9,800
Transportation & Disosal at TSDF (Haz)	1	LS	$ 2,000	$ 2,000
Subtotal:				**$ 24,300**
Targeted In-Situ Groundwater Remediation				
Oversight/Monitoring Labor and Expenses	1	LS	$ 7,500	$ 7,500
Groundwater Sampling Labor & Exp. (1 pre, 2 post)	1	LS	$ 3,400	$ 3,400
Well Installation Subcontractor	1	LS	$ 3,700	$ 3,700
Injection Subcontractor	1	LS	$ 20,000	$ 20,000
Amendments (fixed quantity)	1	LS	$ 26,500	$ 26,500
Analytical Laboratory	1	LS	$ 2,300	$ 2,300
Subtotal:				**$ 63,400**
ASD System Installation				
Oversight Labor and Expenses	1	LS	$ 7,000	$ 7,000
Installation Subcontractor	1	LS	$ 46,000	$ 46,000
Subtotal:				**$ 53,000**
Vault Cover System and Restoration				
Vault Structural Fill [2] (42' x 42 'x 3'), purchase/deliver	294	TON	$ 15	$ 4,410
Compaction Equipment	1	LS	$ 2,000	$ 2,000
1-Foot Concrete Slab	1,764	SF	$ 20	$ 35,280
Vapor Barrier	2,025	SF	$ 0.50	$ 1,013
Subtotal:				**$ 42,703**
Reporting				
Final Engineering Report & Site Management Plan	1	LS	$ 30,000	$ 30,000
Subtotal:				**$ 30,000**
Subtotal Capital Cost				**$ 289,348**
Contractor Mobilization/Demobilization				$ 50,000
Engineering/Contingency (5%)				$ 14,467
Total Capital Cost				**$ 353,815**
Annual Operation Maintenance & Monitoring (OM&M):				
Cover System Maintenance	1	LS	$ 1,000	$ 1,000
ASD System O&M	1	LS	$ 5,000	$ 5,000
Groundwater Monitoring	2	EVENTS	$ 2,000	$ 4,000
Annual Certification	1	LS	$ 3,000	$ 3,000
Total Annual OM&M Cost				**$ 13,000**
Number of Years (n):				30
Interest Rate (i):				3%
p/A value:				19.6004
OM&M Present Worth (PW):				**$ 254,805**
Total Present Worth (PW): Capital Cost + OM&M PW				**$ 608,700**

Notes:

1. Estimated 1.6 tons per cubic yard
2. Per 6NYCRR 375-6.7(d)(ii)(b)

TABLE 14

COMPARISON OF REMEDIAL ALTERNATIVES

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Alternative No. & Description	NYSDEC DER-10 Evaluation Criteria								
	1. Overall	2. SCGs	3. Eff & Perm	4. Reduction	5. Imp & Eff	6. Implement	7. Cost Eff	8. Community	9. Land Use
Alternative 1: No Action							$ -		
Alternative 2: Track 1 Cleanup	✓	✓	✓	✓			$ 941,900	TBE	✓
Alternative 3: Track 4 Cleanup	✓	✓	✓	✓	✓	✓	$ 608,700	TBE	✓

Notes:

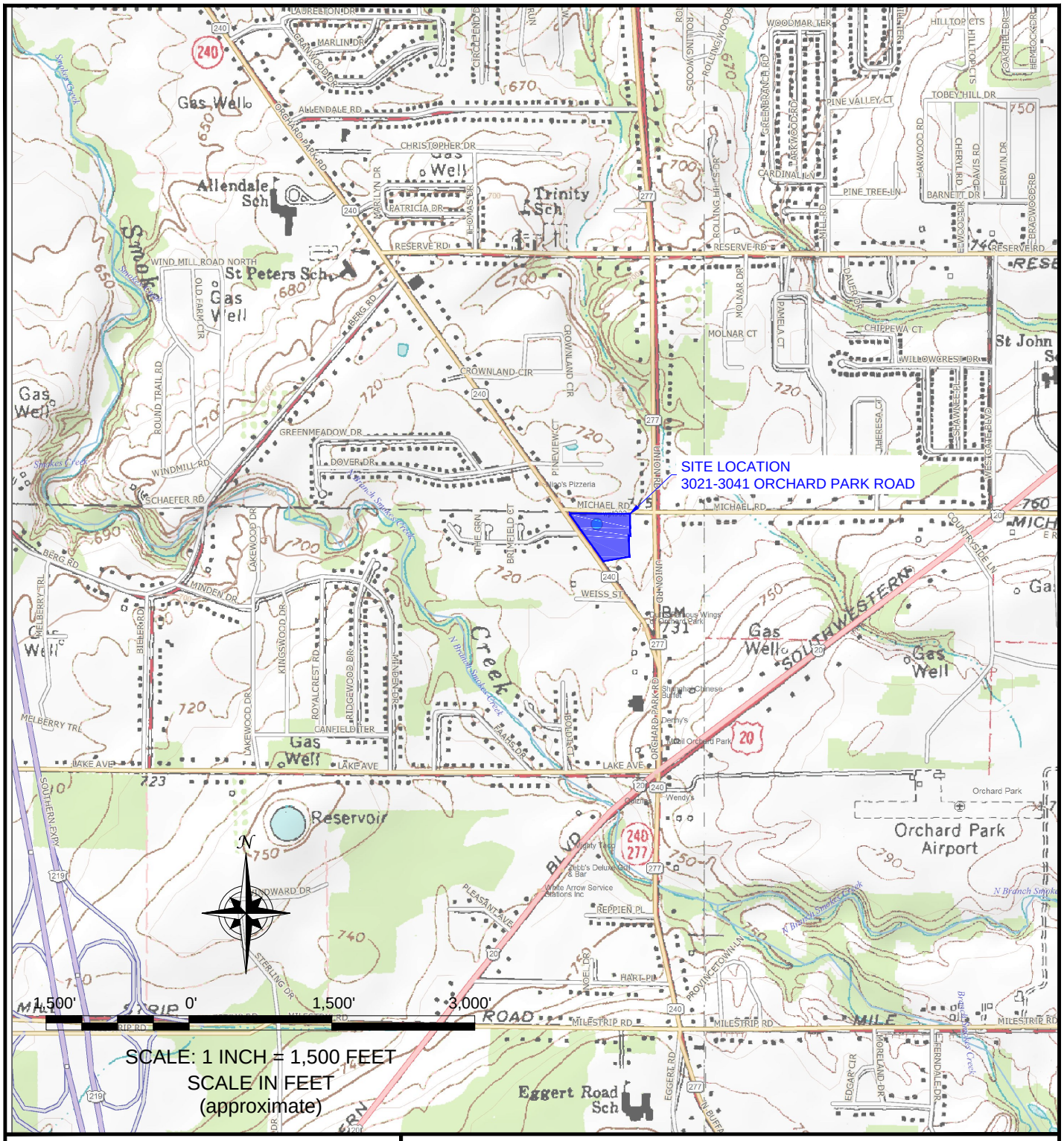
1. Overall Protectiveness of Public Health and the Environment
2. Compliance with Standards, Criteria, and Guidance (SCGs)
3. Long-Term Effectiveness and Permanence
4. Reduction of Toxicity, Mobility, or Volume of Contamination through Treatment
5. Short-Term Impacts and Effectiveness
6. Implementability (Technical and Administrative)
7. Cost-Effectiveness (Overall Present Worth Cost Presented)
8. Community Acceptance
9. Land Use

✓ = Alternative satisfies criterion
TBE = To be evaluated following public comment period

FIGURES

\BENCHMARK-DC2\F Data\CAD\TurnKey\3021-3041 Orchard Park Rd LLC (C915289)\05 - RI-AA Report\Figure 1; Site Location and Vicinity.dwg

FIGURE 1



BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TURNKEY ENVIRONMENTAL RESTORATION, LLC

2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599

PROJECT NO.: 0304-014-003

DATE: APRIL 2015

DRAFTED BY: BCH

SITE LOCATION AND VICINITY MAP

RI/AA REPORT

3021 ORCHARD PARK ROAD SITE
ORCHARD PARK, NEW YORK

PREPARED FOR

3021-3041 ORCHARD PARK RD, LLC

DISCLAIMER: ***PROPERTY OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC. & TURNKEY ENVIRONMENTAL RESTORATION, LLC*** *IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. INFORMATION CONTAINED HEREON IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN NECESSARY SUBCONTRACTORS & SUPPLIERS WITHOUT THE WRITTEN CONSENT OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC & TURNKEY ENVIRONMENTAL RESTORATION, LLC.*

F:\CAD\Turnkey\2021\3041 Orchard Park Rd, LLC (CB1)\B\B05 - RI-AA Report\Figure 2 - Site Plan & Planned Redevelopment.dwg

PAPPAS'S RESTAURANT

PLAZA (COMMERCIAL)

BOWLING ALLEY (VACANT LAND AT BACK)

PLAZA (COMMERCIAL)

MICHAEL ROAD

EAGLEBROOK DRIVE

ORCHARD PARK ROAD

CB-8

CB-7

CB-3

CB-5

CB-4

CB-6

CB-2

CB-1

CB-7

PROPOSED MEDICAL BUILDING (± 7,213 SF)

PLANNED PORTE COCHERE

EXISTING FAMILY DOLLAR

FUTURE TENANT/ EXPANSION

PLANNED PET/CT

COMPREHENSIVE CANCER SERVICES ONCOLOGY, P.C.

NEW MEDICAL ROOMS

PLANNED VASCULAR SURGEONS

PLANNED NEW VAULT

FUTURE TENANT

FUTURE TENANT

EXISTING CREDIT UNION

WALGREENS PHARMACY/STORE

KEY BANK

RITE AID PHARMACY/STORE

DENTAL OFFICES

LEGEND:

- PROPERTY BOUNDARY
- BCP BOUNDARY
- PARCEL BOUNDARY
- EXISTING BUILDING (INTERIOR & FACIA REDEVELOPMENT)
- PLANNED NEW REDEVELOPMENT
- CB-1 UTILITY - STORM SEWER CATCH BASIN
- UTILITY - STORM SEWER
- UTILITY - STORM SEWER (SUSPECTED)
- UTILITY - EXISTING SANITARY SEWER
- UTILITY - SANITARY SEWER MANHOLE
- UTILITY - POLE
- UTILITY - ELECTRIC
- UTILITY - POLE (PLANNED)
- UTILITY - ELECTRIC (PLANNED)
- CB-7 UTILITY - PLANNED NEW STORM SEWER CATCH BASIN
- UTILITY - PLANNED NEW STORM SEWER
- CB-1 UTILITY - STORM SEWER CATCH BASIN TO BE ASSESSED
- UTILITY - STORM SEWER TO BE REMOVED

N

30' 0' 30' 60'

SCALE: 1 INCH = 30 FEET
SCALE IN FEET
(approximate)

CB-1 REMEDIATION:

- Remove ± 80 feet of perforated drain tile and bedding stone - off-site disposal (Modern)
- Remove one concrete catch basin and bedding stone - clean and decon basin (replace if necessary), place contents into drum(s), recycle concrete (if replaced). Benchmark TurnKey will make T&D arrangements of sediment & decon water with Clean Harbors as hazardous
- Install new catch basin and bedding stone (1A) to match existing basin invert elevations
- Install catch basin CB-7 at approximate location shown
- Install ± 93 feet of new perforated drain tile and bedding stone (1A) at approximate location shown to match existing invert elevations
- Replace asphalt to match existing grade (weather permitting)

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TURNKEY ENVIRONMENTAL RESTORATION, LLC

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JOB NO.: 0304-014-003

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SITE PLAN & PLANNED REDEVLOPMENT

RI/AA REPORT

3021 ORCHARD PARK ROAD

ORCHARD PARK, NEW YORK

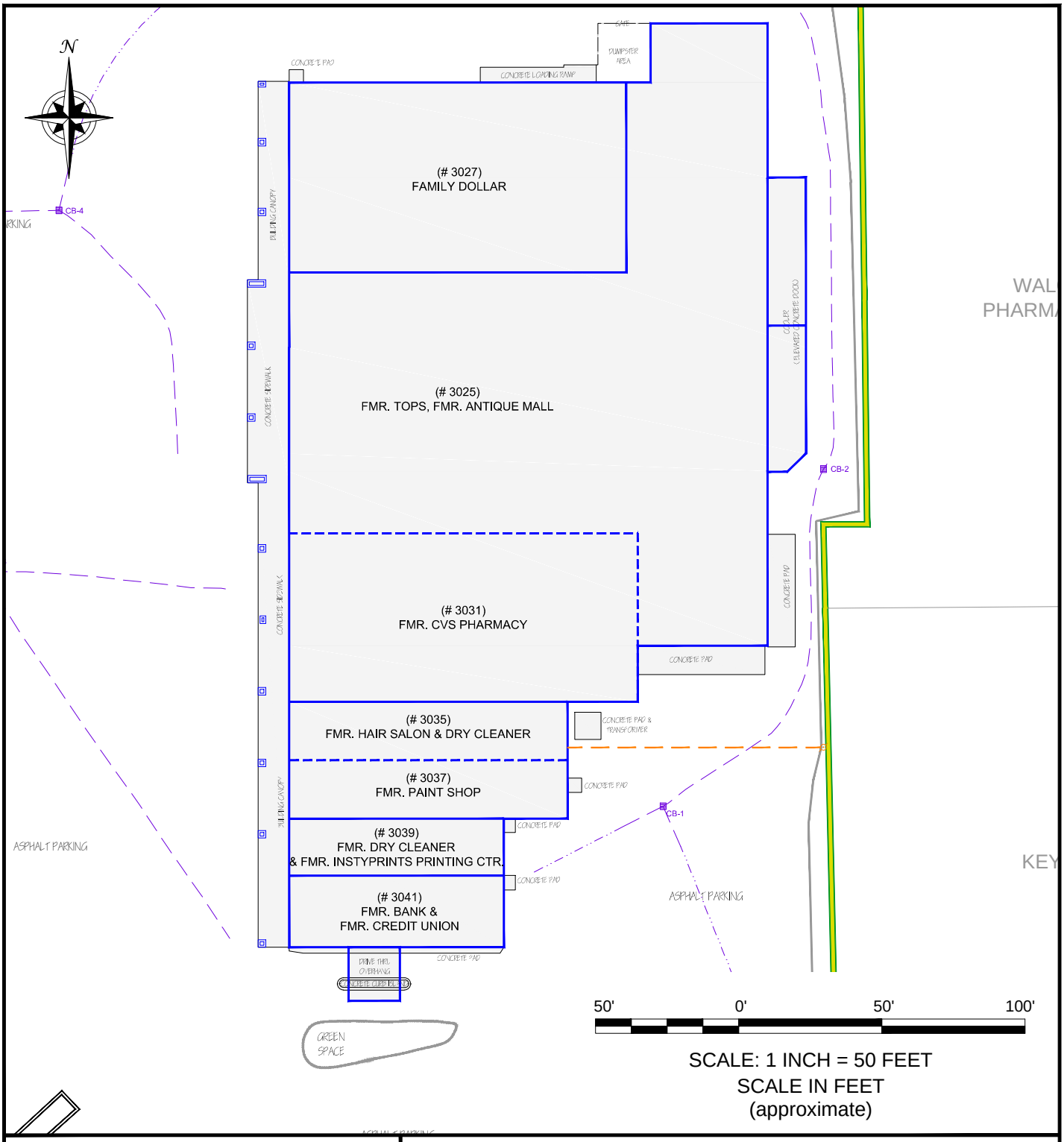
PREPARED FOR:

3021-3041 ORCHARD PARK ROAD, LLC & CCS ONCOLOGY, P.C.

FIGURE 2

F:\CAD\TurnKey\3021-3041 Orchard Park Rd LLC (C915289)\05 - RI-AA Report\Figure 3; Existing Building Layout.dwg

FIGURE 3



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TURNKEY ENVIRONMENTAL RESTORATION, LLC

2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599

PROJECT NO.: 0304-014-003

DATE: APRIL 2015

DRAFTED BY: BCH

EXISTING BUILDING LAYOUT

RI/AA REPORT

3021 ORCHARD PARK ROAD SITE
ORCHARD PARK, NEW YORK

PREPARED FOR

3021-3041 ORCHARD PARK ROAD LLC

DISCLAIMER: ***PROPERTY OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC. & TURNKEY ENVIRONMENTAL RESTORATION, LLC*** *IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. INFORMATION CONTAINED HEREON IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN NECESSARY SUBCONTRACTORS & SUPPLIERS WITHOUT THE WRITTEN CONSENT OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC & TURNKEY ENVIRONMENTAL RESTORATION, LLC.*

F:\CAD\Turnkey\3021-3041 Orchard Park Rd LLC (731308)\00 - RI-AA Report\Figure 4- RI Sample Locations.dwg

PAPPAS'S RESTAURANT

PLAZA (COMMERCIAL)

BOWLING ALLEY (VACANT LAND AT BACK)

PLAZA (COMMERCIAL)

MICHAEL ROAD

EAGLEBROOK DRIVE

ORCHARD PARK ROAD

DENTAL OFFICES

WALGREENS PHARMACY/STORE

KEY BANK

RITE AID PHARMACY/STORE

GRASS COVERED EASEMENT

ASPHALT PARKING

CONCRETE PAD

CB-1 CB-2 CB-3 CB-4 CB-5 CB-6 CB-7 CB-8

PROPOSED MEDICAL BUILDING (± 7,213 SF)

PLANNED PORTE COCHERE

PLANNED NEW VAULT

(# 3027) FAMILY DOLLAR

(# 3025) FMR. TOPS, FMR. ANTIQUE MALL

(# 3031) FMR. CVS PHARMACY

(# 3035) FMR. HAIR SALON & DRY CLEANER

(# 3037) FMR. PAINT SHOP

(# 3039) FMR. DRY CLEANER & FMR. STYPRINTS PRINTING, ETC.

(# 3041) FMR. BANK & FMR. CREDIT UNION

DUMPSTER AREA

COOLERS/ FREEZERS

B-1 B-2 B-3 B-4 B-5 B-6 B-7 B-8 B-9 B-10 B-11 B-12 B-13 B-14 B-15 B-16 B-17 B-18 B-19 B-20 B-21 B-22 B-24 B-25

BH1 TPMW-1 BH2 BH3 TPMW-2 BH4 TPMW-3 BH5 BH6 TPMW4 BH7 TPMW5 BH8 TPMW6 BH9 BH10 TPMW-7 BH11 TPMW-8 BH12 TPMW-9 BH13 TPMW-10 BH14 TPMW-11

MW-1A MW-1B MW-2A MW-2B MW-3A MW-3B MW-4A MW-5A

SB-1 SB-2 SB-5 SB-6

SV-1 SV-2 SV-3

SED-1 SED-2

SUBSLAB VAPOR INDOOR AIR OUTDOOR AIR

LEGEND:

- PROPERTY BOUNDARY
- BCP BOUNDARY
- PARCEL BOUNDARY
- EXISTING BUILDING (INTERIOR & FACIA REDEVELOPMENT)
- PLANNED NEW REDEVELOPMENT
- CB-1 — UTILITY - STORM SEWER CATCH BASIN
- UTILITY - STORM SEWER
- UTILITY - STORM SEWER (SUSPECTED)
- UTILITY - EXISTING SANITARY SEWER
- UTILITY - SANITARY SEWER MANHOLE
- UTILITY - POLE
- UTILITY - ELECTRIC
- SURVEY BENCHMARK
- MW-3A — RI OVERBURDEN MONITORING WELL (5)
- MW-3B — RI BEDROCK MONITORING WELL (3)
- BH-10 TPMW-7 — BORE HOLE / TEMPORARY WELL (TURNKEY)
- BH6 TPMW4 — BOREHOLE / TEMPORARY WELL (LCS)
- SB-1 — SOIL BORING (TURNKEY)
- BH-1 — BORE HOLE (LCS)
- B-1 — GEOTECHNICAL BORING (BY OTHERS) (5)
- B-22 — RI SOIL BORING (20)
- SUB-1X — AIR SAMPLE LOCATION (TURNKEY) (SUBSLAB VAPOR, INDOOR, & OUTDOOR AIR)
- SV-01 — RI SOIL VAPOR SAMPLE LOCATION (2)
- SED-1 — SEDIMENT SAMPLE (2)

N

30' 0' 30' 60'

SCALE: 1 INCH = 30 FEET
SCALE IN FEET
(approximate)

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TURNKEY ENVIRONMENTAL RESTORATION, LLC

2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599

JOB NO.: 0304-014-003

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RI SAMPLE LOCATIONS

RI/AA REPORT

3021 ORCHARD PARK ROAD

ORCHARD PARK, NEW YORK

PREPARED FOR

3021-3041 ORCHARD PARK ROAD, LLC & CCS ONCOLOGY, P.C.

FIGURE 4

F:\CAD\TurnKey\2021\3041\Orchard Park Rd LLC (CS)\3298055 - RI-AA Report\Figure 5- Shallow GW Iso Map (02-16-15).dwg

PAPPAS'S RESTAURANT

PLAZA (COMMERCIAL)

BOWLING ALLEY (VACANT LAND AT BACK)

PLAZA (COMMERCIAL)

MICHAEL ROAD

EAGLEBROOK DRIVE

ORCHARD PARK ROAD

DENTAL OFFICES

WALGREENS PHARMACY/STORE

KEY BANK

RITE AID PHARMACY/STORE

GRASS COVERED EASEMENT

ASPHALT PARKING

CONCRETE PAD

CURB

CB-8

CB-7

CB-3
492.7

494.3
CB-5

CB-4
495.0

495.2
CB-6

CB-2
495.5

CB-1
496.0

MW-5A
494.2

PROPOSED MEDICAL BUILDING (± 7,213 SF)

PLANNED PORTE COCHERE

MW-4A
492.4

(# 3027)
FMR. DOLLAR

(# 3035)
FMR. TOPS, FMR. ANTIQUE MALL

(# 3031)
FMR. CVS PHARMACY

PLANNED NEW VAULT

MW-1B
MW-1A
496.3

(# 3033)
FMR. HAIR SALON & DRY CLEANER

MW-6

(# 3037)
FMR. PAINT SHOP

(# 3039)
FMR. DRY CLEANER & FMR. INSTYPRINTS PRINTING CTR.

(# 3041)
FMR. BANK & FMR. CREDIT UNION

494.3
MW-2A
MW-2B

493.9
MW-3A

MW-3B

494

495

493

492

496

LEGEND:

- PROPERTY BOUNDARY
- BCP BOUNDARY
- PARCEL BOUNDARY
- EXISTING BUILDING (INTERIOR & FACIA REDEVELOPMENT)
- PLANNED NEW REDEVELOPMENT
- CB-1 — UTILITY - STORM SEWER CATCH BASIN
- UTILITY - STORM SEWER
- UTILITY - STORM SEWER (SUSPECTED)
- UTILITY - EXISTING SANITARY SEWER
- UTILITY - SANITARY SEWER MANHOLE
- UTILITY - POLE
- UTILITY - ELECTRIC
- SURVEY BENCHMARK
- MW-3A — RI OVERBURDEN MONITORING WELL (5)
- MW-3B — RI BEDROCK MONITORING WELL (3)
- GROUNDWATER FLOW DIRECTION
- 495 — GROUNDWATER CONTOUR (WITH ELEVATION)

N

30' 0' 30' 60'

SCALE: 1 INCH = 30 FEET
SCALE IN FEET
(approximate)

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TURNKEY ENVIRONMENTAL RESTORATION, LLC

2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599

JOB NO.: 0304-014-003

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SHALLOW GROUNDWATER ISOPOTENTIAL MAP - 02/16/15

RI/AA REPORT

3021 ORCHARD PARK ROAD

ORCHARD PARK, NEW YORK

PREPARED FOR:

3021-3041 ORCHARD PARK ROAD, LLC & CCS ONCOLOGY, P.C.

FIGURE 5

F:\CAD\TurnKey\2021\3041\Orchard Park Rd LLC (CS)\3298055 - RI-AA Report\Figure 6 Shallow GW As Map (03-25-15).dwg

PAPPAS'S RESTAURANT

PLAZA (COMMERCIAL)

BOWLING ALLEY (VACANT LAND AT BACK)

PLAZA (COMMERCIAL)

MICHAEL ROAD

EAGLEBROOK DRIVE

ORCHARD PARK ROAD

DENTAL OFFICES

WALGREENS PHARMACY/STORE

KEY BANK

RITE AID PHARMACY/STORE

GRASS COVERED EASEMENT

ASPHALT PARKING

CONCRETE PAD

CONCRETE SIDEWALK

CB-8

CB-7

CB-3
492.7

CB-2
495.5

CB-4
495.0

494.3
CB-5

495.2
CB-6

CB-1
496.0

494.4
MW-2A
MW-2B

494.7
MW-3A

MW-3B

MW-5A
496.5

PROPOSED MEDICAL BUILDING (± 7,213 SF)

PLANNED PORTE COCHERE

MW-4A
492.8

PLANNED NEW VAULT

MW-1B
MW-1A
496.8

MW-6

(# 3027)
FMR. DOLLAR

(# 3025)
FMR. TOPS, FMR. ANTIQUE MALL

(# 3031)
FMR. CVS PHARMACY

(# 3035)
FMR. HAIR SALON & DRY CLEANER

(# 3037)
FMR. PAINT SHOP

(# 3039)
FMR. DRY CLEANER
& FMR. INSTYPRINTS PRINTING CTR

(# 3041)
FMR. BANK &
FMR. CREDIT UNION

494
495
496
493
492

LEGEND:

- PROPERTY BOUNDARY
- BCP BOUNDARY
- PARCEL BOUNDARY
- EXISTING BUILDING (INTERIOR & FACIA REDEVELOPMENT)
- PLANNED NEW REDEVELOPMENT
- CB-1 — UTILITY - STORM SEWER CATCH BASIN
- UTILITY - STORM SEWER
- UTILITY - STORM SEWER (SUSPECTED)
- UTILITY - EXISTING SANITARY SEWER
- UTILITY - SANITARY SEWER MANHOLE
- UTILITY - POLE
- UTILITY - ELECTRIC
- SURVEY BENCHMARK
- MW-3A — RI OVERBURDEN MONITORING WELL (5)
- MW-3B — RI BEDROCK MONITORING WELL (3)
- GROUNDWATER FLOW DIRECTION
- 495 — GROUNDWATER CONTOUR (WITH ELEVATION)

N

30' 0' 30' 60'

SCALE: 1 INCH = 30 FEET
SCALE IN FEET
(approximate)

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TURNKEY ENVIRONMENTAL RESTORATION, LLC

2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599

JOB NO.: 0304-014-003

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SHALLOW GROUNDWATER ISOPOTENTIAL MAP - 03/25/15

RI/AA REPORT

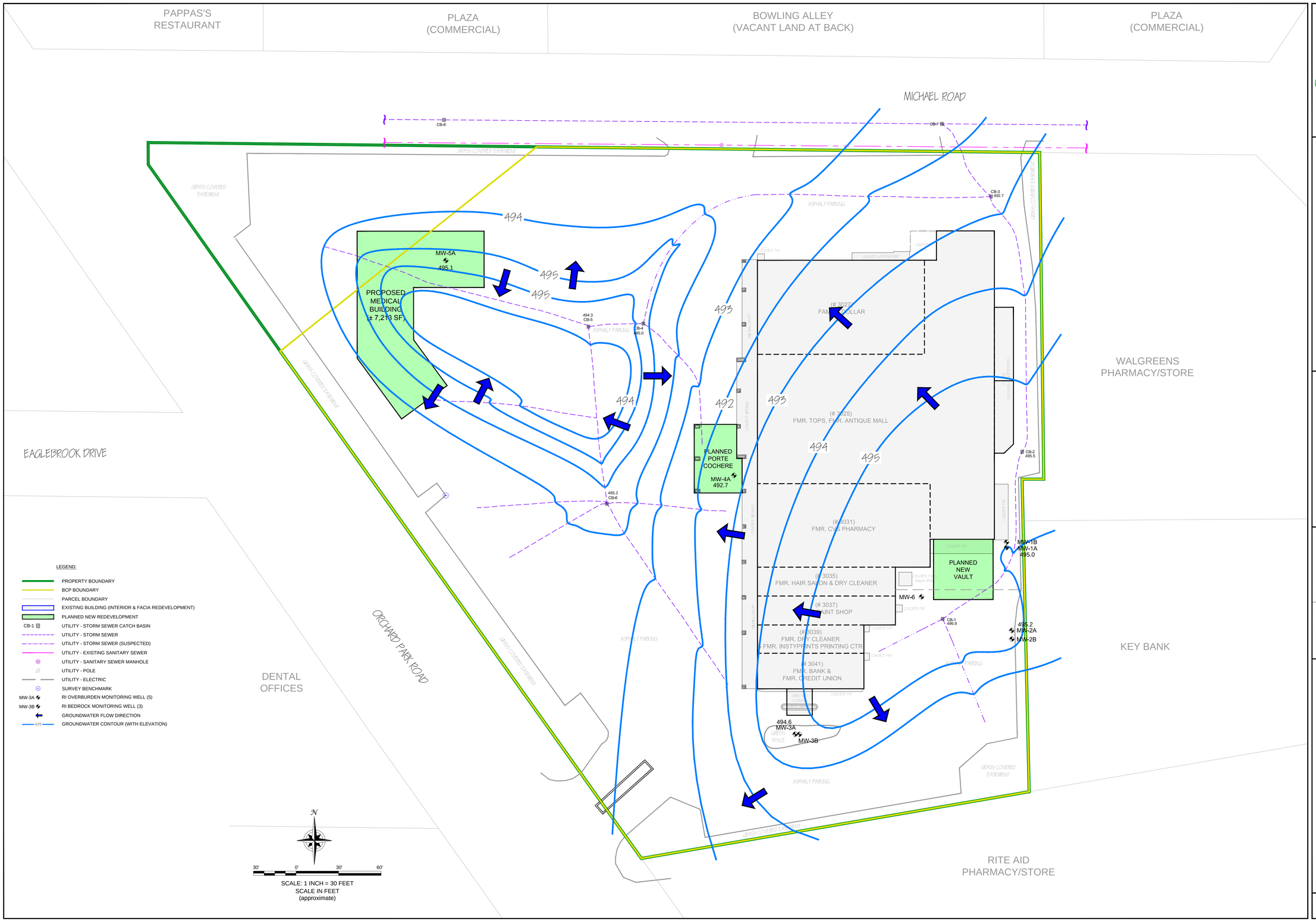
3021 ORCHARD PARK ROAD

ORCHARD PARK, NEW YORK

PREPARED FOR

3021-3041 ORCHARD PARK ROAD, LLC & CCS ONCOLOGY, P.C.

FIGURE 6



BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
TURNKEY ENVIRONMENTAL RESTORATION, LLC
2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599
JOB NO.: 03/04-014-003

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SHALLOW GROUNDWATER ISOPOTENTIAL MAP - 04/06/15
RI/AA REPORT
3021 ORCHARD PARK ROAD
ORCHARD PARK, NEW YORK

PREPARED FOR:
3021-3041 ORCHARD PARK ROAD, LLC & CCS ONCOLOGY, P.C.

FIGURE 7

F:\CAD\Turnkey\2021 3041 Orchard Park Rd LLC (CS)\2108055 - RI-AA Report\Figure 7- Shallow GW Iso Map (04-06-15).dwg

F:\GIS\Turnkey\3021-3041 Orchard Park Rd LLC (CH-152860)\05 - RI-AA Report\Figure 8_Bedrock GW Iso Map (02-16-15).dwg

PAPPAS'S RESTAURANT

PLAZA (COMMERCIAL)

BOWLING ALLEY (VACANT LAND AT BACK)

PLAZA (COMMERCIAL)

MICHAEL ROAD

CB-8

CB-7

GRASS COVERED EASEMENT

GRASS COVERED EASEMENT

CB-3

ASPHALT PARKING

MW-5A

PROPOSED MEDICAL BUILDING (± 7,213 SF)

CB-5

CB-4

ASPHALT PARKING

492

GRASS COVERED EASEMENT

EAGLEBROOK DRIVE

CONCRETE PAD

DUMPSTER AREA

CONCRETE WHEELSTOP

(# 3027) FAMILY DOLLAR

(# 3025) FMR. TOPS, FMR. ANTIQUE MALL

PLANNED PORTE COCHERE

MW-4A

CB-6

CB-2

(# 3031) FMR. CVS PHARMACY

494.0 MW-1B MW-1A

PLANNED NEW VAULT

(# 3035) FMR. HAIR SALON & DRY CLEANER

MW-6

(# 3037) FMR. PAINT SHOP

CB-1

MW-2A MW-2B 494.1

(# 3039) FMR. DRY CLEANER & FMR. INSTYPRINTS PRINTING CTR

(# 3041) FMR. BANK & FMR. CREDIT UNION

DRIVE-THRU PARKING

MW-3A

GREEN SPACE

MW-3B 494.0

493

ORCHARD PARK ROAD

494

ASPHALT PARKING

GRASS COVERED EASEMENT

GRASS COVERED EASEMENT

WALGREENS PHARMACY/STORE

KEY BANK

DENTAL OFFICES

RITE AID PHARMACY/STORE

LEGEND:

- PROPERTY BOUNDARY
- BCP BOUNDARY
- PARCEL BOUNDARY
- EXISTING BUILDING (INTERIOR & FACIA REDEVELOPMENT)
- PLANNED NEW REDEVELOPMENT
- CB-1 UTILITY - STORM SEWER CATCH BASIN
- UTILITY - STORM SEWER
- UTILITY - STORM SEWER (SUSPECTED)
- UTILITY - EXISTING SANITARY SEWER
- UTILITY - SANITARY SEWER MANHOLE
- UTILITY - POLE
- UTILITY - ELECTRIC
- SURVEY BENCHMARK
- MW-3A RI OVERBURDEN MONITORING WELL (5)
- MW-3B RI BEDROCK MONITORING WELL (3)
- GROUNDWATER FLOW DIRECTION
- 495 GROUNDWATER CONTOUR (W/ ELEVATION) (DASHED WHERE INFERRED)

N

30' 0' 30' 60'

SCALE: 1 INCH = 30 FEET
SCALE IN FEET
(approximate)

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TURNKEY ENVIRONMENTAL RESTORATION, LLC

2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599

JOB NO.: 0304-014-003

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NO.	BY	DATE	REMARKS

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DRAWN BY: BCH

DATE: APRIL 2015

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BEDROCK GROUNDWATER ISOPOTENTIAL MAP - 02/16/15

RI/AA REPORT

3021 ORCHARD PARK ROAD

ORCHARD PARK, NEW YORK

PREPARED FOR:

3021-3041 ORCHARD PARK ROAD, LLC & CCS ONCOLOGY, P.C.

FIGURE 8

F:\GIS\Turnkey\3021-3041 Orchard Park Rd LLC (CH 512860)\05 - RI-AA Report\Figure 9- Bedrock GW Iso Map (03-25-15).dwg

PAPPAS'S RESTAURANT

PLAZA (COMMERCIAL)

BOWLING ALLEY (VACANT LAND AT BACK)

PLAZA (COMMERCIAL)

MICHAEL ROAD

EAGLEBROOK DRIVE

ORCHARD PARK ROAD

DENTAL OFFICES

WALGREENS PHARMACY/STORE

KEY BANK

RITE AID PHARMACY/STORE

CB-8

CB-7

CB-3

CB-5

CB-4

CB-6

CB-2

CB-1

GRASS COVERED EASEMENT

ASPHALT PARKING

492.5

493.5

494.5

MW-5A

PROPOSED MEDICAL BUILDING (± 7,213 SF)

PLANNED PORTE COCHERE

MW-4A

(# 3027)
FAMILY DOLLAR

(# 3025)
FMR. TOPS, FMR. ANTIQUE MALL

(# 3031)
FMR. CVS PHARMACY

(# 3035)
FMR. HAIR SALON & DRY CLEANER

(# 3037)
FMR. PAINT SHOP

(# 3039)
FMR. DRY CLEANER
& FMR. INSTYPRINTS PRINTING CTR

(# 3041)
FMR. BANK &
FMR. CREDIT UNION

PLANNED NEW VAULT

MW-6

494.7
MW-1B
MW-1A

MW-2A
MW-2B
494.8

MW-3A
MW-3B
494.7

LEGEND:

- PROPERTY BOUNDARY
- BCP BOUNDARY
- PARCEL BOUNDARY
- EXISTING BUILDING (INTERIOR & FACIA REDEVELOPMENT)
- PLANNED NEW REDEVELOPMENT
- CB-1 UTILITY - STORM SEWER CATCH BASIN
- UTILITY - STORM SEWER
- UTILITY - STORM SEWER (SUSPECTED)
- UTILITY - EXISTING SANITARY SEWER
- UTILITY - SANITARY SEWER MANHOLE
- UTILITY - POLE
- UTILITY - ELECTRIC
- SURVEY BENCHMARK
- MW-3A RI OVERBURDEN MONITORING WELL (5)
- MW-3B RI BEDROCK MONITORING WELL (3)
- GROUNDWATER FLOW DIRECTION
- 495 GROUNDWATER CONTOUR (W/ ELEVATION) (DASHED WHERE INFERRED)

N

30' 0' 30' 60'

SCALE: 1 INCH = 30 FEET
SCALE IN FEET
(approximate)

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TURNKEY ENVIRONMENTAL RESTORATION, LLC

2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599

JOB NO.: 0304-014-003

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BEDROCK GROUNDWATER ISOPOTENTIAL MAP - 03/25/15

RI/AA REPORT
3021 ORCHARD PARK ROAD
ORCHARD PARK, NEW YORK

PREPARED FOR:
3021-3041 ORCHARD PARK ROAD, LLC & CCS ONCOLOGY, P.C.

FIGURE 9

F:\CAD\Turnkey\3021-3041 Orchard Park Rd LLC (CH12BR00) - RI-AA Report\Figure 10, Bedrock GW Iso Map (04-06-15).dwg

PAPPAS'S RESTAURANT

PLAZA (COMMERCIAL)

BOWLING ALLEY (VACANT LAND AT BACK)

PLAZA (COMMERCIAL)

MICHAEL ROAD

CB-8

CB-7

GRASS COVERED EASEMENT

GRASS COVERED EASEMENT

CB-3

ASPHALT PARKING

GRASS COVERED EASEMENT

MW-5A

PROPOSED MEDICAL BUILDING (± 7,213 SF)

492.5

CB-5

CB-4

ASPHALT PARKING

493.5

GRASS COVERED EASEMENT

EAGLEBROOK DRIVE

(# 3027)
FAMILY DOLLAR

DUMPSTER AREA

CONCRETE

CONCRETE

CONCRETE

(# 3025)
FMR. TOPS, FMR. ANTIQUE MALL

CB-2

PLANNED PORTE COCHERE

MW-4A

CB-6

(# 3031)
FMR. CVS PHARMACY

494.7
MW-1B
MW-1A

PLANNED NEW VAULT

(# 3035)
FMR. HAIR SALON & DRY CLEANER

MW-6

(# 3037)
FMR. PAINT SHOP

(# 3039)
FMR. DRY CLEANER & FMR. INSTYPRINTS PRINTING CTR

CB-1

MW-2A
MW-2B
494.8

(# 3041)
FMR. BANK & FMR. CREDIT UNION

CONCRETE

ASPHALT PARKING

MW-3A

MW-3B
494.6

494.5

ASPHALT PARKING

GRASS COVERED EASEMENT

GRASS COVERED EASEMENT

WALGREENS PHARMACY/STORE

KEY BANK

DENTAL OFFICES

ORCHARD PARK ROAD

RITE AID PHARMACY/STORE

LEGEND:

- PROPERTY BOUNDARY
- BCP BOUNDARY
- PARCEL BOUNDARY
- EXISTING BUILDING (INTERIOR & FACIA REDEVELOPMENT)
- PLANNED NEW REDEVELOPMENT
- CB-1 — UTILITY - STORM SEWER CATCH BASIN
- UTILITY - STORM SEWER
- UTILITY - STORM SEWER (SUSPECTED)
- UTILITY - EXISTING SANITARY SEWER
- UTILITY - SANITARY SEWER MANHOLE
- UTILITY - POLE
- UTILITY - ELECTRIC
- SURVEY BENCHMARK
- MW-3A — RI OVERBURDEN MONITORING WELL (5)
- MW-3B — RI BEDROCK MONITORING WELL (3)
- GROUNDWATER FLOW DIRECTION
- 495 — GROUNDWATER CONTOUR (W/ ELEVATION) (DASHED WHERE INFERRED)

N

30' 0' 30' 60'

SCALE: 1 INCH = 30 FEET
SCALE IN FEET
(approximate)

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TURNKEY ENVIRONMENTAL RESTORATION, LLC

2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599

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BEDROCK GROUNDWATER ISOPOTENTIAL MAP - 04/06/15

RI/AA REPORT

3021 ORCHARD PARK ROAD

ORCHARD PARK, NEW YORK

PREPARED FOR

3021-3041 ORCHARD PARK ROAD, LLC & CCS ONCOLOGY, P.C.

FIGURE 10

F:\CAD\Turnkey\3021-3041 Orchard Park Rd, LLC\13280\05 - RIAA Report\Figure 11- Soil Vapor Sample Locations & ASD Extraction System.dwg

PAPPAS'S RESTAURANT

PLAZA (COMMERCIAL)

BOWLING ALLEY (VACANT LAND AT BACK)

PLAZA (COMMERCIAL)

MICHAEL ROAD

CB-8

CB-7

GRASS COVERED EASEMENT

GRASS COVERED EASEMENT

CB-3

ASPHALT PARKING

GRASS COVERED EASEMENT

PROPOSED MEDICAL BUILDING (± 7,213 SF)

CB-5

CB-4

ASPHALT PARKING

CONCRETE PAD

DUMPSTER AREA

CONCRETE LOADING DOCK

(# 3027) FAMILY DOLLAR

(# 3025) FMR. TOPS, FMR. ANTIQUE MALL

CB-2

PLANNED PORTE COCHERE

CB-6

(# 3031) FMR. CVS PHARMACY

SV-3

SV-2

PLANNED NEW VAULT

(# 3029) FMR. HAIR SALON & DRY CLEANER

(# 3039) INDOOR AIR FMR. PAINT SHOP

SUBSLAB VAPOR

(# 3039) FMR. DRY CLEANER & FMR. INSTYPRINTS PRINTING CO.

OUTDOOR AIR

CB-1

(# 3041) FMR. BANK & FMR. CREDIT UNION

ASPHALT PARKING

GREEN SPACE

ASPHALT PARKING

GRASS COVERED EASEMENT

GRASS COVERED EASEMENT

WALGREENS PHARMACY/STORE

EAGLEBROOK DRIVE

ORCHARD PARK ROAD

DENTAL OFFICES

KEY BANK

RITE AID PHARMACY/STORE

LEGEND:

- PROPERTY BOUNDARY
- BCP BOUNDARY
- PARCEL BOUNDARY
- EXISTING BUILDING (INTERIOR & FACIA REDEVELOPMENT)
- PLANNED NEW REDEVELOPMENT
- CB-1 — UTILITY - STORM SEWER CATCH BASIN
- UTILITY - STORM SEWER
- UTILITY - STORM SEWER (SUSPECTED)
- UTILITY - EXISTING SANITARY SEWER
- UTILITY - SANITARY SEWER MANHOLE
- UTILITY - POLE
- UTILITY - ELECTRIC
- SUB-1 — AIR SAMPLE LOCATION (TURNKEY) (SUBSLAB VAPOR, INDOOR, & OUTDOOR AIR)
- SV-01 — RI SOIL VAPOR SAMPLE LOCATION (2)
- PLANNED ASD SYSTEM AREA
- ASD — PLANNED ASD SYSTEM SUCTION CAVITY LOCATION (APPROXIMATE) (19)

N

30' 0' 30' 60'

SCALE: 1 INCH = 30 FEET
SCALE IN FEET
(approximate)

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
TURNKEY ENVIRONMENTAL RESTORATION, LLC
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SOIL VAPOR SAMPLE LOCATIONS & ASD EXTRACTION SYSTEM

RI/AA REPORT

3021 ORCHARD PARK ROAD
ORCHARD PARK, NEW YORK

PREPARED FOR:
3021-3041 ORCHARD PARK ROAD, LLC & CCS ONCOLOGY, P.C.

FIGURE 11

F:\CAD\Turnkey\2021\041 Orchard Park NLLC (CS13/SB9)\05 - RI\AA Report\Figure 12, Soil & Sediment Analytical Results.dwg

PAPPAS'S RESTAURANT

PLAZA (COMMERCIAL)

BOWLING ALLEY (VACANT LAND AT BACK)

PLAZA (COMMERCIAL)

MICHAEL ROAD

EAGLEBROOK DRIVE

ORCHARD PARK ROAD

DENTAL OFFICES

WALGREENS PHARMACY/STORE

KEY BANK

RITE AID PHARMACY/STORE

CB-8 CB-7 CB-3 CB-4 CB-5 CB-6 CB-2

GRASS COVERED EASEMENT

ASPHALT PARKING

PROPOSED MEDICAL BUILDING (± 7,213 SF)

MW-5A

PLANNED PORTE COCHERE

MW-4A

PLANNED NEW VAULT

(# 3027) FAMILY DOLLAR

(# 3025) FMR. TOPS, FMR. ANTIQUE MALL

(# 3031) FMR. CVS PHARMACY

(# 3035) FMR. HAIR SALON & DRY CLEANER

(# 3037) FMR. PAINT SHOP

(# 3039) FMR. DRY CLEANER & FMR. TYPRINTS PRINTING CTR

(# 3041) FMR. BANK & FMR. CREDIT UNION

B-1 B-2 B-3 B-4 B-5 B-6 B-7 B-8 B-9 B-10 B-11 B-12 B-13 B-14 B-15 B-16 B-17 B-18 B-19 B-20 B-21 B-22 B-24 B-25

BH1 TPMW-1 BH2 BH3 TPMW-2 BH4 TPMW-3 BH5 BH6 TPMW4 BH7 TPMW5 BH8 TPMW6 BH9 BH10 TPMW-7 BH11 TPMW-8 BH12 TPMW-9 BH13 TPMW-10 BH14 TPMW-11

MW-1A MW-1B MW-2A MW-2B MW-3A MW-3B

SB-1 SB-2 SB-3 SB-4 SB-5 SB-6

SED-1 SED-2

B-15 (4.0 - 8.0)
Arsenic = 19 mg/kg

B-24 (2.0 - 4.0)
Tetrachloroethene (PCE) = 5.4 mg/kg

MW-1B (2.0 - 4.0)
Acetone = 0.31 J mg/kg

B-1 (0.3 - 2.0)
2-Butanone (MEK) = 0.58 mg/kg
Acetone = 0.42 J mg/kg

SB-5 (2.5 - 3.0)
Tetrachloroethene (PCE) = 2 mg/kg

BH-6 (2.0 - 4.0)
Acetone = 0.0535 mg/kg

SED-1
2-Butanone (MEK) = 45 J mg/kg
Acetone = 110 J mg/kg
cis-1,2-Dichloroethene = 280 mg/kg
Tetrachloroethene (PCE) = 3800 mg/kg
Trichloroethene (TCE) = 85 mg/kg

B-20 (2.0 - 4.0)
Arsenic = 17 mg/kg

SB-6 (2.5 - 3.0)
Tetrachloroethene (PCE) = 9.9 mg/kg

B-6 (4.0 - 8.0)
cis-1,2-Dichloroethene = 2.4 mg/kg
trans-1,2-Dichloroethene = 0.46 mg/kg
Trichloroethene = 0.55 mg/kg

LEGEND:

- PROPERTY BOUNDARY
- BCP BOUNDARY
- PARCEL BOUNDARY
- EXISTING BUILDING (INTERIOR & FACIA REDEVELOPMENT)
- PLANNED NEW REDEVELOPMENT
- CB-1 — UTILITY - STORM SEWER CATCH BASIN
- UTILITY - STORM SEWER
- UTILITY - STORM SEWER (SUSPECTED)
- UTILITY - EXISTING SANITARY SEWER
- UTILITY - SANITARY SEWER MANHOLE
- UTILITY - POLE
- UTILITY - ELECTRIC
- MW-3A / MW-3B — RI OVERBURDEN MONITORING WELL (5) / RI BEDROCK MONITORING WELL (3)
- BH-10 TPMW-7 — BORE HOLE / TEMPORARY WELL (TURNKEY)
- BH6 TPMW4 — BOREHOLE / TEMPORARY WELL (LCS)
- SB-1 — SOIL BORING (TURNKEY)
- BH-1 — BORE HOLE (LCS)
- B-1 — GEOTECHNICAL BORING (BY OTHERS) (5)
- B-22 — RI SOIL BORING (20)
- B-6 — RI SOIL BORING EXCEEDING SCOs (7)
- SED-1 — SEDIMENT SAMPLE (2)
- SOIL/SEDIMENT RI ANALYTICAL RESULTS (red = exceeds the RRSCO) (blue = exceeds the PGW SCO)

N

30' 0' 30' 60'

SCALE: 1 INCH = 30 FEET
SCALE IN FEET
(approximate)

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TURNKEY ENVIRONMENTAL RESTORATION, LLC

2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599

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SOIL & SEDIMENT ANALYTICAL RESULTS

RI/AA REPORT
3021 ORCHARD PARK ROAD
ORCHARD PARK, NEW YORK

PREPARED FOR
3021-3041 ORCHARD PARK ROAD, LLC & CCS ONCOLOGY, P.C.

FIGURE 12

PAPPAS'S RESTAURANT

PLAZA (COMMERCIAL)

BOWLING ALLEY (VACANT LAND AT BACK)

PLAZA (COMMERCIAL)

MICHAEL ROAD

EAGLEBROOK DRIVE

ORCHARD PARK ROAD

DENTAL OFFICES

KEY BANK

WALGREENS PHARMACY/STORE

RITE AID PHARMACY/STORE

CB-8

CB-7

CB-3

CB-5

CB-4

CB-6

CB-2

CB-1

GRASS COVERED EASEMENT

ASPHALT PARKING

CONCRETE PAD

CONCRETE WALKWAY

DUMPSTER AREA

PROPOSED MEDICAL BUILDING (± 7,213 SF)

MW-5A

(# 3027)
FAMILY DOLLAR

(# 3025)
FMR. TOPS, FMR. ANTIQUE MALL

(# 3031)
FMR. CVS PHARMACY

(# 3035)
FMR. HAIR SALON & DRY CLEANER

(# 3037)
FMR. PAINT SHOP

(# 3039)
FMR. DRY CLEANER
& FMR. INSTYPRINTS PRINTING CTR

(# 3041)
FMR. BANK &
FMR. CREDIT UNION

PLANNED PORTE COCHERE

MW-4A

PLANNED NEW VAULT

MW-1B
MW-1A

MW-2A
MW-2B

MW-3A
MW-3B

BH1
TPMW-1

BH-14
TPMW-11

BH13
TPMW-10

BH3
TPMW-2

BH-10
TPMW-7

BH-12
TPMW-9

BH-11
TPMW-8

BH4
TPMW-3

BH8
TPMW6

BH7
TPMW5

BH6
TPMW4

MW-5A:

Iron = 0.483 mg/L
Manganese = 0.3298 mg/L
Sodium = 32.2 mg/L

Total cVOCs = ND mg/L

CB-3:

Total cVOCs = 0.00214 mg/L

MW-4A:

cis-1,2-Dichloroethene = 0.024 mg/L

Total cVOCs = 0.024 mg/L

MW-4A:

cis-1,2-Dichloroethene = 0.022 mg/L
Iron = 14.2 mg/L
Magnesium = 105 mg/L
Manganese = 0.3566 mg/L
Sodium = 62.9 mg/L

Total cVOCs = 0.022 mg/L

TPMW-1:

cis-1,2-Dichloroethene = 0.0673 mg/L
Tetrachloroethene = 0.0716 mg/L
Trichloroethene = 0.0269 mg/L

Total cVOCs = 0.16888 mg/L

MW-1A:

Iron = 1.18 mg/L
Magnesium = 44.8 mg/L
Manganese = 0.5738 mg/L
Sodium = 173 mg/L

Total cVOCs = ND mg/L

MW-1B:

Iron = 3.33 mg/L
Sodium = 77.4 mg/L

Total cVOCs = ND mg/L

TPMW-11:

Benzene = 0.0012 mg/L
cis-1,2-Dichloroethene = 0.087 mg/L
Tetrachloroethene = 0.015 mg/L
Trichloroethene = 0.011 mg/L
Vinyl Chloride = 0.011 mg/L

Total cVOCs = 0.12544 mg/L

MW-2A:

Manganese = 0.4908 mg/L
Sodium = 114 mg/L

Total cVOCs = ND mg/L

MW-2B:

Iron = 0.69 mg/L
Sodium = 80.4 mg/L

Total cVOCs = ND mg/L

TPMW-2:

cis-1,2-Dichloroethene = 0.165 mg/L
Tetrachloroethene = 0.015 mg/L
Trichloroethene = 0.0224 mg/L
Vinyl Chloride = 0.0024 mg/L

Total cVOCs = 0.21017 mg/L

TPMW-7:

cis-1,2-Dichloroethene = 0.03 mg/L
Vinyl Chloride = 0.0027 mg/L

Total cVOCs = 0.0385 mg/L

MW-3A:

Iron = 6.84 mg/L
Magnesium = 39.7 mg/L
Manganese = 0.5296 mg/L
Sodium = 88.5 mg/L

Total cVOCs = ND mg/L

MW-3B:

Iron = 1.55 mg/L
Sodium = 40.1 J mg/L

Total cVOCs = ND mg/L

LEGEND:

- PROPERTY BOUNDARY
- BCP BOUNDARY
- PARCEL BOUNDARY
- EXISTING BUILDING (INTERIOR & FACIA REDEVELOPMENT)
- PLANNED NEW REDEVELOPMENT
- CB-1 — UTILITY - STORM SEWER CATCH BASIN
- UTILITY - STORM SEWER
- UTILITY - STORM SEWER (SUSPECTED)
- UTILITY - EXISTING SANITARY SEWER
- UTILITY - SANITARY SEWER MANHOLE
- UTILITY - POLE
- UTILITY - ELECTRIC
- SURVEY BENCHMARK
- MW-3A — RI OVERBURDEN MONITORING WELL (5)
- MW-3B — RI BEDROCK MONITORING WELL (3)
- BH-10 / TPMW-7 — BORE HOLE / TEMPORARY WELL (TURNKEY)
- BH6 / TPMW4 — BOREHOLE / TEMPORARY WELL (LCS)
- RI GROUNDWATER (ROUND 1) & STORM WATER ANALYTICAL RESULTS (compounds shown exceed their individual GWQS/GVs) (there is no GWQS/GV for Total cVOCs)
- RI GROUNDWATER ANALYTICAL RESULTS (ROUND 2) (compounds shown exceed their individual GWQS/GVs) (there is no GWQS/GV for Total cVOCs)

N

30' 0' 30' 60'

SCALE: 1 INCH = 30 FEET
SCALE IN FEET
(approximate)

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TURNKEY ENVIRONMENTAL RESTORATION, LLC

2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599

JOB NO.: 0304-014-003

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GROUNDWATER & STORM WATER ANALYTICAL RESULTS

RI/AA REPORT

3021 ORCHARD PARK ROAD
ORCHARD PARK, NEW YORK

PREPARED FOR

3021-3041 ORCHARD PARK ROAD, LLC & CCS ONCOLOGY, P.C.

FIGURE 13

PAPPAS'S RESTAURANT

PLAZA (COMMERCIAL)

BOWLING ALLEY (VACANT LAND AT BACK)

PLAZA (COMMERCIAL)

MICHAEL ROAD

EAGLEBROOK DRIVE

ORCHARD PARK ROAD

DENTAL OFFICES

WALGREENS PHARMACY/STORE

KEY BANK

RITE AID PHARMACY/STORE

(# 3027) FAMILY DOLLAR

(# 3025) FMR. TOPS, FMR. ANTIQUE MALL

(# 3031) FMR. CVS PHARMACY

(# 3035) FMR. HAIR SALON & DRY CLEANER

(# 3039) FMR. DRY CLEANER & FMR. TYPRINTER PRINTING CO.

(# 3041) FMR. BANK & FMR. CREDIT UNION

PROPOSED MEDICAL BUILDING (± 7,213 SF)

PLANNED PORTE COCHERE

MW-5A

MW-4A

MW-3A

MW-3B

MW-1A

MW-1B

MW-2A

MW-2B

B-1 ● B-2 ● B-3 ● B-4 ● B-5 ● B-6 ● B-7 ● B-8 ● B-9 ● B-10 ● B-11 ● B-12 ● B-13 ● B-14 ● B-15 ● B-16 ● B-17 ● B-18 ● B-19 ● B-20 ● B-21 ● B-22 ● B-23 ● B-24 ● B-25 ●

BH1 TPMW-1 ● BH2 ● BH3 TPMW-2 ● BH4 TPMW-3 ● BH5 ● BH6 TPMW4 ● BH7 TPMW5 ● BH8 TPMW6 ● BH9 ● BH10 TPMW-7 ● BH11 TPMW-8 ● BH12 TPMW-9 ● BH13 TPMW-10 ● BH14 TPMW-11 ●

CB-1 CB-2 CB-3 CB-4 CB-5 CB-6 CB-7 CB-8

SED-1 SED-2

SV-1 SV-2 SV-3

ASPHALT PARKING

GRASS COVERED EASEMENT

CONCRETE PAD

CONCRETE WALKWAY

DUMPSTER AREA

PLANNED NEW VAULT

INDOOR AIR

SUBSLAB VAPOR

OUTDOOR AIR

INDOOR AMBIENT AIR (PHASE II):

Matrix 1:
- Trichloroethene (TCE) = < 0.02 ug/mg^3
- Carbon Tetrachloride = 0.054 ug/mg^3
- Vinyl Chloride = < 0.02 ug/mg^3

Matrix 2:
- Tetrachloroethene (PCE) = 0.471 ug/mg^3
- 1,1-Dichloroethene = < 0.02 ug/mg^3
- cis-1,2-Dichloroethene = < 0.02 ug/mg^3
- 1,1,1-Trichloroethane = < 0.02 ug/mg^3

SUBSLAB VAPOR (PHASE II):

Matrix 1:
- Trichloroethene (TCE) = < 0.2 ug/mg^3
- Carbon Tetrachloride = < 0.2 ug/mg^3
- Vinyl Chloride = < 0.2 ug/mg^3

Matrix 2:
- Tetrachloroethene (PCE) = 0.58 ug/mg^3
- 1,1-Dichloroethene = < 0.2 ug/mg^3
- cis-1,2-Dichloroethene = < 0.2 ug/mg^3
- 1,1,1-Trichloroethane = < 0.2 ug/mg^3

SV-2

Matrix 1:
- Trichloroethene (TCE) = 0.204 ug/mg^3
- Carbon Tetrachloride = < 0.2 ug/mg^3
- Vinyl Chloride = < 0.2 ug/mg^3

Matrix 2:
- Tetrachloroethene (PCE) = < 0.2 ug/mg^3
- 1,1-Dichloroethene = < 0.2 ug/mg^3
- cis-1,2-Dichloroethene = < 0.2 ug/mg^3
- 1,1,1-Trichloroethane = < 0.2 ug/mg^3

SV-3

Matrix 1:
- Trichloroethene (TCE) = < 0.2 ug/mg^3
- Carbon Tetrachloride = < 0.2 ug/mg^3
- Vinyl Chloride = < 0.2 ug/mg^3

Matrix 2:
- Tetrachloroethene (PCE) = < 0.2 ug/mg^3
- 1,1-Dichloroethene = < 0.2 ug/mg^3
- cis-1,2-Dichloroethene = < 0.2 ug/mg^3
- 1,1,1-Trichloroethane = < 0.2 ug/mg^3

OUTDOOR AMBIENT AIR

Matrix 1:
- Trichloroethene (TCE) = < 0.02 ug/mg^3
- Carbon Tetrachloride = 0.052 ug/mg^3
- Vinyl Chloride = < 0.02 ug/mg^3

Matrix 2:
- Tetrachloroethene (PCE) = 0.038 ug/mg^3
- 1,1-Dichloroethene = < 0.02 ug/mg^3
- cis-1,2-Dichloroethene = < 0.02 ug/mg^3
- 1,1,1-Trichloroethane = < 0.02 ug/mg^3

LEGEND:

- PROPERTY BOUNDARY
- BCP BOUNDARY
- PARCEL BOUNDARY
- EXISTING BUILDING (INTERIOR & FACIA REDEVELOPMENT)
- PLANNED NEW REDEVELOPMENT
- CB-1 — UTILITY - STORM SEWER CATCH BASIN
- UTILITY - STORM SEWER
- UTILITY - STORM SEWER (SUSPECTED)
- UTILITY - EXISTING SANITARY SEWER
- UTILITY - SANITARY SEWER MANHOLE
- UTILITY - POLE
- UTILITY - ELECTRIC
- MW-3A — RI OVERBURDEN MONITORING WELL (5)
- MW-3B — RI BEDROCK MONITORING WELL (3)
- BH-10 TPMW-7 — BORE HOLE / TEMPORARY WELL (TURNKEY)
- BH6 TPMW4 — BOREHOLE / TEMPORARY WELL (LCS)
- SB-1 — SOIL BORING (TURNKEY)
- BH-1 — BORE HOLE (LCS)
- B-1 — GEOTECHNICAL BORING (BY OTHERS) (5)
- B-22 — RI SOIL BORING (20)
- SED-1 — SEDIMENT SAMPLE (2)
- SUB-1 — AIR SAMPLE LOCATION (TURNKEY) (SUBSLAB VAPOR; INDOOR; & OUTDOOR AIR)
- SV-01 — RI SOIL VAPOR SAMPLE LOCATION (2)
- PLANNED ASD SYSTEM AREA
- ASD — PLANNED ASD SYSTEM SUCTION CAVITY LOCATION (APPROXIMATE) (19)

SOIL VAPOR / AMBIENT AIR ANALYTICAL RESULTS
(red = compound detected above the MDL)
(black = compound reported as non-detect or below the MDL)

N

30' 0' 30' 60'

SCALE: 1 INCH = 30 FEET
SCALE IN FEET
(approximate)

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
TURNKEY ENVIRONMENTAL RESTORATION, LLC
2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599

JOB NO.: 0304-014-003

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SOIL VAPOR ANALYTICAL RESULTS

RI/AA REPORT

3021 ORCHARD PARK ROAD

ORCHARD PARK, NEW YORK

PREPARED FOR

3021-3041 ORCHARD PARK ROAD, LLC & CCS ONCOLOGY, P.C.

FIGURE 14

PAPPAS'S RESTAURANT

PLAZA (COMMERCIAL)

BOWLING ALLEY (VACANT LAND AT BACK)

PLAZA (COMMERCIAL)

MICHAEL ROAD

CB-8

CB-7

GRASS COVERED EASEMENT

GRASS COVERED EASEMENT

CB-3

ASPHALT PARKING

MW-5A

PROPOSED MEDICAL BUILDING (± 7,213 SF)

CB-5

CB-4

ASPHALT PARKING

GRASS COVERED EASEMENT

EAGLEBROOK DRIVE

CONCRETE PAD

COVERED LOADING AREA

DUMPSTER AREA

(# 3027)
FAMILY DOLLAR

(# 3025)
FMR. TOPS, FMR. ANTIQUE MALL

CB-2

PLANNED PORTE COCHERE

MW-4A

CB-6

(# 3031)
FMR. CVS PHARMACY

MW-1B
MW-1A

PLANNED NEW VAULT

(# 3035)
FMR. HAIR SALON & DRY CLEANER

MW-6

(# 3037)
FMR. PAINT SHOP

CB-1

MW-2A
MW-2B

(# 3039)
FMR. DRY CLEANER
& FMR. INSTYPRINTS PRINTING CTR

(# 3041)
FMR. BANK &
FMR. CREDIT UNION

MW-3A
MW-3B

AREA OF CONCERN (cVOCs) (± 4,911 SF)
(± 1,764 SF - VAULT)
(± 3,147 SF - OUTSIDE VAULT)

WALGREENS PHARMACY/STORE

KEY BANK

RITE AID PHARMACY/STORE

DENTAL OFFICES

ORCHARD PARK ROAD

ASPHALT PARKING

GRASS COVERED EASEMENT

LEGEND:

- PROPERTY BOUNDARY
- BCP BOUNDARY
- PARCEL BOUNDARY
- EXISTING BUILDING (INTERIOR & FACIA REDEVELOPMENT)
- PLANNED NEW REDEVELOPMENT
- CB-1 — UTILITY - STORM SEWER CATCH BASIN
- UTILITY - STORM SEWER
- UTILITY - STORM SEWER (SUSPECTED)
- UTILITY - EXISTING SANITARY SEWER
- UTILITY - SANITARY SEWER MANHOLE
- UTILITY - POLE
- UTILITY - ELECTRIC
- MW-3A — RI OVERBURDEN MONITORING WELL (5)
- MW-3B — RI BEDROCK MONITORING WELL (3)
- MW-6 — IRM MONITORING WELL (OVERBURDEN & BEDROCK) (1)
- AREA OF CONCERN (cVOCs) (4,911 SF)

N

30' 0' 30' 60'

SCALE: 1 INCH = 30 FEET
SCALE IN FEET
(approximate)

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

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AREA OF CONCERN (cVOCs)

RI/AA REPORT

3021 ORCHARD PARK ROAD

ORCHARD PARK, NEW YORK

PREPARED FOR

3021-3041 ORCHARD PARK ROAD, LLC & CCS ONCOLOGY, P.C.

FIGURE 15

PAPPAS'S RESTAURANT

PLAZA (COMMERCIAL)

BOWLING ALLEY (VACANT LAND AT BACK)

PLAZA (COMMERCIAL)

MICHAEL ROAD

EAGLEBROOK DRIVE

ORCHARD PARK ROAD

DENTAL OFFICES

RITE AID PHARMACY/STORE

WALGREENS PHARMACY/STORE

KEY BANK

GRASS COVERED EASEMENT

ASPHALT PARKING

CONCRETE PAD

CONCRETE WALKWAY

DUMPSTER AREA

CONCRETE PAD

CB-1 CB-2 CB-3 CB-4 CB-5 CB-6 CB-7 CB-8

PROPOSED MEDICAL BUILDING (± 7,213 SF)

PLANNED PORTE COCHERE

PLANNED NEW VAULT

(# 3027) FAMILY DOLLAR

(# 3025) FMR. TOPS, FMR. ANTIQUE MALL

(# 3031) FMR. CVS PHARMACY

(# 3035) FMR. HAIR SALON & DRY CLEANER

(# 3039) FMR. PAINT SHOP

(# 3041) FMR. BANK & FMR. CREDIT UNION

MW-1A MW-1B MW-2A MW-2B MW-3A MW-3B MW-4A MW-5A

B-1 B-2 B-3 B-4 B-5 B-6 B-7 B-8 B-9 B-10 B-11 B-12 B-13 B-14 B-15 B-16 B-17 B-18 B-19 B-20 B-21 B-22 B-23 B-24 B-25

SB-1 SB-2 SB-3 SB-4 SB-5 SB-6

SED-1 SED-2

SV-1 SV-2 SV-3

BH1 TPMW-1 BH2 BH3 TPMW-2 BH4 TPMW-3 BH5 BH6 TPMW4 BH7 TPMW5 BH8 TPMW6 BH9 BH10 TPMW-7 BH11 TPMW-8 BH12 TPMW-9 BH13 TPMW-10 BH14 TPMW-11

SUBSLAB VAPOR INDOOR AIR OUTDOOR AIR

LEGEND:

- PROPERTY BOUNDARY
- BCP BOUNDARY
- PARCEL BOUNDARY
- EXISTING BUILDING (INTERIOR & FACIA REDEVELOPMENT)
- PLANNED NEW REDEVELOPMENT
- CB-1 UTILITY - STORM SEWER CATCH BASIN
- UTILITY - STORM SEWER
- UTILITY - STORM SEWER (SUSPECTED)
- UTILITY - EXISTING SANITARY SEWER
- UTILITY - SANITARY SEWER MANHOLE
- UTILITY - POLE
- UTILITY - ELECTRIC
- SURVEY BENCHMARK
- MW-3A RI OVERBURDEN MONITORING WELL (5)
- MW-3B RI BEDROCK MONITORING WELL (3)
- BH-10 TPMW-7 BORE HOLE / TEMPORARY WELL (TURNKEY)
- BH6 TPMW4 BOREHOLE / TEMPORARY WELL (LCS)
- SB-1 SOIL BORING (TURNKEY)
- BH-1 BORE HOLE (LCS)
- B-1 GEOTECHNICAL BORING (BY OTHERS) (5)
- B-22 RI SOIL BORING (20)
- SUB-1X AIR SAMPLE LOCATION (TURNKEY) (SUBSLAB VAPOR, INDOOR, & OUTDOOR AIR)
- SV-01 RI SOIL VAPOR SAMPLE LOCATION (2)
- SED-1X SEDIMENT SAMPLE (2)
- IMPACTED AREAS ABOVE THE USCOs

N

30' 0' 30' 60'

SCALE: 1 INCH = 30 FEET
SCALE IN FEET
(approximate)

Impacted Areas Above USCOs (see Table 5)

Location	Compound
B-1	2-Butanone (MEK) Acetone Toluene Xylenes (total)
B-5	Mercury
B-6	cis-1,2-DCE trans-1,2-DCE TCE
B-9	Nickel
B-10	Nickel
B-15	Arsenic Nickel
B-19	Arsenic Nickel
B-20	Arsenic
B-22	Arsenic
B-24	PCE
MW-1B	Nickel
MW-2B	Nickel
MW-3B	Nickel
SED-1	cis-1,2-DCE PCE TCE Silver Zinc
BH-6	Acetone
SB-5	PCE
SB-6	PCE

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IMPACTED AREAS ABOVE THE USCOs

RI/AA REPORT

3021 ORCHARD PARK ROAD

ORCHARD PARK, NEW YORK

PREPARED FOR

3021-3041 ORCHARD PARK ROAD, LLC & CCS ONCOLOGY, P.C.

FIGURE 16

APPENDIX A

PREVIOUS ENVIRONMENTAL REPORTS

APPENDIX A1

LCS, INC.
PHASE I ENVIRONMENTAL SITE ASSESSMENT

LCS INC.
Environmental and Real Estate Consultants

ASTM E1527-05 All Appropriate Inquiries Phase I Environmental Site Assessment Report For The Property Identified As:

Commercial Plaza
3021-3041 Orchard Park Road
Orchard Park, New York

LCS PROJECT NO. 13B4431.29

PREPARED FOR:

DR. CARLOS SANTOS
3050 ORCHARD PARK ROAD
WEST SENECA, NEW YORK 14224

PREPARED BY:

LCS, INC.
40 LA RIVIERE DRIVE, SUITE 120
BUFFALO, NEW YORK 14202
(716) 845-6145, (800) 474-6802

BASED ON A SITE INVESTIGATION CONDUCTED ON OCTOBER 4, 2013, BY MS. ROBYN VENTURA
INTERVIEWS CONDUCTED BY: MS. VENTURA AND OVERSEEN BY MR. DOUG REID

Heather Lamb
HEATHER LAMB
SENIOR REVIEWER

Sarah Vanderhoff
SARAH VANDERHOFF
ENVIRONMENTAL ANALYST

OCTOBER 10, 2013

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1.0 EXECUTIVE SUMMARY

1.1 REPORT FINDINGS

The following details the environmental professional's specific findings of LCS' all appropriate inquiries of the above-referenced site in accordance with ASTM E1527-05. It should be noted that this Phase I Environmental Assessment includes only a portion of what is required by the user to comply with all appropriate inquiries (See Appendix 10.13). This section is provided for convenience to the reader. The reader is encouraged to read the entire report.

It is LCS' understanding that this all appropriate inquiries was requested by the user for the purpose of meeting the all appropriate inquiries provisions necessary to qualify for landowner liability protections under CERCLA (See Appendix 10.13).

1.1.1 Site Description

The subject property is identified as a commercial plaza located at 3021-3041 Orchard Park Road, Town of Orchard Park, Erie County, New York. The subject property tax map shows the subject property to measure approximately 5.44 acres. Refer to the Section *10.2 SITEMAPS.* The subject property is developed with a single-story, 44,596 square foot structure that was constructed in 1972. The subject structure is utilized by the following tenants: Family Dollar, an antique store, Fantastic Sam's, Benjamin Moore Paints and a credit union. The subject structure also includes two vacant units. Exterior portions of the property included general landscaping, asphalt-paved parking areas and concrete sidewalks.

1.1.2 Site Reconnaissance

The subject property is located in a moderately developed commercial area. Public utility companies provide the following services to the subject property: electric; natural gas; water; and sanitary sewer.

No conditions indicative of releases or threatened releases of hazardous substances on, at, in, or to the subject property were identified during the site reconnaissance.

1.1.3 Site History

The historical use of the subject property has been researched through review of historic maps, historic aerial photographs, municipal records, city directories, and/or other reasonably obtainable documents. In general, the historical site uses were determined to be as follows.

Date Range	Apparent Use	Source
At least 1926 through 1966	Agricultural/fallow land	Aerial photographs and historic topographic maps
At least 1972 through present	Developed with the existing subject structure utilized commercially.	Aerial photographs, city directories, municipal information and site reconnaissance

The following conditions indicative of releases or threatened releases of hazardous substances on, at, in, or to the subject property were identified based on LCS' historical research:

- On-site operations included dry cleaning from at least 1979 through at least 2008.
- Two printing tenants were historically located on-site; LCS suspects such are copy centers.

1.1.4 Regulatory Information

A review of regulatory database information and any additional regulatory information reviewed by LCS identified the following conditions indicative of releases or threatened releases of hazardous substances on, at, in, or to the subject property:

- The subject property, listed as CVS Pharmacy #0533/CVS #0533/D'Amatos Dry Cleaners and addressed at 3031 Orchard Park Road/S-3035 Orchard Park Road, was identified as a RCRA Large Quantity Generator of hazardous waste (no violations listed) and within the Manifest database due to that listing. This site was also listed as a Drycleaner.
- The subject property was also listed in the Orphan Site Summary as D'Amatos One Hour and addressed at 53039 Orchard Park Road (LCS suspects that this address is meant to be S. 3039 Orchard Park Road) and was identified as a former RCRA Generator (no violations listed) and within the Manifest and FINDS databases due to the RCRA listing.
- An east adjacent site, listed as Former Walker Service, addressed at 3008 Union Road, was identified as a registered UST facility and NY Spill and LTANK spill site. Spill Nos. 9406100 and 1001073 involved the discovery of contamination during tank pulls and are classified as "closed." [A status of "closed" indicates the spill was remediated and the NYSDEC file closed with no further remediation required.]
- A west adjacent site, listed as Towne Lincoln-Mercury, addressed at 3050 Orchard Park Road, was identified as a registered AST/UST facility and RCRA Generator (no unresolved violations listed) and on the Manifest database. This site was also listed as a NY spill site. Spill No. 9705746 involved the discovery of contamination during a tank pull and is classified as "inactive." [A status of "inactive" indicates the contamination may remain but no further remediation is required.] Spill No. 0651390 involved the discovery of contamination during the removal of lifts and is classified as "inactive."
- A south adjacent property (3050 Union Road) was identified as a RCRA Conditionally Exempt Small Quantity Generator of hazardous waste (with no violations reported), registered AST facility and Manifest site.

1.1.5 Interviews

Interviews were conducted with various municipal representatives and/or other persons knowledgeable about the subject property.

No conditions indicative of releases or threatened releases of hazardous substances on, at, in, or to the subject property were identified based on these interviews.

1.1.6 Other Findings

LCS did not identify significant potential concerns relative to suspect ACMs, lead-based paint, mold, radon or wetland issues.

1.2 SUMMARY

FINDINGS

Based on the assessment completed by LCS, the following is a list of known or suspected recognized environmental conditions (RECs), historic RECs and de minimis conditions.[1]

Known or Suspect RECs

- On-site operations included dry cleaning from at least 1979 through at least 2008.
- The subject property, listed as CVS Pharmacy #0533/CVS #0533/D'Amatos Dry Cleaners and addressed at 3031 Orchard Park Road/S-3035 Orchard Park Road, was identified as a RCRA Large Quantity Generator of hazardous waste (no violations listed) and within the Manifest database due to that listing. This site was also listed as a Drycleaner.
- The subject property was also listed in the Orphan Site Summary as D'Amatos One Hour and addressed at 53039 Orchard Park Road (LCS suspects that this address is meant to be S. 3039 Orchard Park Road) and was identified as a former RCRA Generator (no violations listed) and within the Manifest and FINDS databases due to the RCRA listing.
- An east adjacent site, listed as Former Walker Service, addressed at 3008 Union Road, was identified as a registered UST facility.
- A west adjacent site, listed as Towne Lincoln-Mercury, addressed at 3050 Orchard Park Road, was identified as a registered AST/UST facility and RCRA Generator (no unresolved violations listed) and on the Manifest database.
- A south adjacent property (3050 Union Road) was identified as a RCRA Conditionally Exempt Small Quantity Generator of hazardous waste (with no violations reported), registered AST facility and Manifest site.

Historic RECs[2]

- An east adjacent site, listed as Former Walker Service, addressed at 3008 Union Road, was identified as a NY Spill and LTANK spill site. Spill Nos. 9406100 and 1001073 involved the discovery of contamination during tank pulls and are classified as "closed." [A status of "closed" indicates the spill was remediated and the NYSDEC file closed with no further remediation required.]
- A west adjacent site, listed as Towne Lincoln-Mercury, addressed at 3050 Orchard Park Road, was identified as a NY spill site. Spill No. 9705746 involved the discovery of contamination during a tank pull and is classified as "inactive." [A status of "inactive" indicates the contamination may remain but no further remediation is required.] Spill No. 0651390 involved the discovery of contamination during the removal of lifts and is classified as "inactive."

De Minimis Conditions

While not considered recognized environmental conditions under the ASTM standard, LCS notes the following:

- Two printing tenants were historically located on-site; LCS suspects such are copy centers.

---

[1] As per ASTM 1527-05, conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions.

[2] A historical recognized environmental condition is an environmental condition that in the past would have been considered a recognized environmental condition, but that may or may not be considered a recognized environmental condition currently. For example, a spill that has been remediated to the satisfaction of the appropriate regulators would be considered a historical recognized environmental condition.

OPINION

Based on the above known or suspect recognized environmental conditions, their significance and recommendations for additional investigation, if any, are summarized below.

Known or Suspect RECs	Confirmed REC? Rationale	LCS Opinion/ Additional Investigation
Historic on-site dry cleaning from at least 1979 through 2008.	There is the potential for impact to the subject property from such use/listings.	Unless sufficient documentation is provided, additional work is warranted to assess the on-site environmental conditions on-site. Should this investigation identify concerns, further work may be warranted.
Adjacent sites of potential concern.	There is the potential for impact to the subject property from such listings. However, no visual evidence of impact or records of concern were identified.	No further investigation is warranted at this time. However, should future site development/excavation work encounter any impacted soils and/or materials, such should be properly addressed at that time.
Historic RECs	**Rationale**	**LCS Opinion/ Additional Investigation**
None	N/A	N/A

De Minimis Conditions

- A full asbestos inspection was not completed. Based on LCS' limited observations, as suspected asbestos-containing materials (ACMs) were not friable or greatly damaged, the materials can remain in-place. However, should significant renovations or demolition be anticipated, state and federal regulations require an asbestos survey and proper handling and disposal of ACMs. If such renovations or demolition is anticipated, costs for addressing ACMs should be provided in any project estimates.

- A full lead-based paint inspection was not completed. Based on LCS' limited observations, suspect lead-based paint surfaces were not considered to be peeling or chipping at the time of the site investigation. However, caution is recommended if renovations and/or remodeling of this facility are to take place. Although the on-site operations are not residential in nature, worker safety should be considered during any future site renovations or demolition.

- A cursory visual assessment for suspect mold was undertaken as a part of this environmental site assessment. A full mold inspection was not requested nor completed as part of this assessment. Based on LCS' limited observations, there was no visible evidence of mold and mold related odors at the time of the site inspection. It should be noted that molds can grow in hidden areas not observed during LCS' site reconnaissance. Of particular concern would be areas that experience water damage and areas of high humidity. Caution should be taken following any future water releases within the subject structure. Such water releases should be addressed immediately to help prevent the formation of the mold spores. Visual evidence of mold should be addressed immediately. It is recommended that professional remediation contractors be hired to properly address such issues.

CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527 of 3021-3041 Orchard Park Road, Town of Orchard Park, Erie County, New York, the subject property. Any exceptions to, or deletions from, this practice are described in Section 1.3 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property except for the following:

- Historic on-site dry cleaning (from at least 1979 through 2008) and associated regulatory listings
- Adjacent sites of potential concern.

1.3 DATA GAPS

The following data gaps[3] were encountered in completion of this inquiry:

Type of Data Gap	Details of Data Gap	Sources Consulted	Significance
Historical Use	Historical uses for each five year period were not obtained.	Aerial photographs, Sanborn maps, topographic maps, municipal records and site contact	While data for each year was not obtained, the data did provide relatively complete records of site uses.
Site Reconnaissance	LCS' observations of the subject property were limited due to stored materials and parked vehicles on-site at the time of the site inspection. In addition, LCS was not granted access to the credit union and vacant units. Furthermore, the roof of the subject structure was not inspected as it was not readily accessible. Lastly, LCS was unaccompanied at the time of the site inspection, therefore property boundaries were estimated and background information was limited.	N/A	Not anticipated to be significant, based on information reviewed to date.
Regulatory Review	Complete responses from regulatory agencies yet to be received.	FOIA requests submitted to the Town of Orchard Park Building Inspector's Office and the NYSDEC	Unknown; however, not anticipated to be significant based on information reviewed to date.
Interviews	LCS was not able to identify and/or contact historic owners and/or occupants and the completed LCS Owner/Operator Questionnaire was not provided to LCS.	Current owners and municipal records for historic ownership information.	Unknown. LCS cannot be liable for information known to current or previous owners/occupants and not shared with LCS.

To the best of LCS' knowledge, the information contained in this report is true and accurate. LCS personnel have exercised due diligence in the compilation of the information contained herein appropriate to environmental professionals engaged in investigations of this sort. LCS makes no guarantees regarding the accuracy of information gained from other sources.

Refer to Section 10.12 for additional limitations.

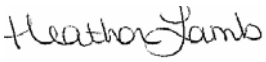
[3] A data gap is defined by 40 CFR 312.10 as "a lack of or inability to obtain information required by the standards and practices" of preparation of this document "despite good faith efforts by the environmental professional" or others to gather such information.

1.4 RELIANCE AND DECLARATION

LCS authorizes Dr. Carlos Santos to use the above-referenced LCS report in order to determine his interest in the said subject property.

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 40 CFR 312.10. [See Qualifications in Section 11.]

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR part 312.



Heather Lamb
Environmental Professional

2.0 PURPOSE

The primary purpose of this study was to document the inquiry of the environmental professional for all appropriate inquiries for the subject property. Specifically, this document is intended to provide the "all appropriate inquiries" for the purposes of CERCLA Section 101(35)(B). Such is applicable to persons seeking to qualify for (i) the innocent landowner defense pursuant to CERCLA Sections 101(35) and 107(b)(3); (ii) the bona fide prospective purchaser liability protection pursuant to CERCLA Sections 101(40) and 107(r); and, (iii) the contiguous property owner liability protection pursuant to CERCLA Section 107(q). This report was not intended as part of the site characterization and assessment with use of a grant awarded under CERCLA Section 104(k)(2)(B). More specifically, the scope is intended to identify conditions indicative of releases or threatened releases of hazardous substances on, at, in, or to the subject property.

3.0 SCOPE OF WORK

This Environmental Assessment report has been prepared in accordance with "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," ASTM E 1527-05. This standard was devised to address the site assessment portion for *Innocent Landowners, Standards for Conducting All Appropriate Inquiries* (40 CFR 312). The scope of work is intended to identify conditions indicative of releases or threatened releases of hazardous substances on, at, in, or to the subject property, via the following task.

A) Review of information provided by the person seeking liability protection relative to: environmental cleanup liens; specialized knowledge or experience regarding the subject property; relationship of the purchase price to the fair market value of the property, if the property were not contaminated; and, commonly known or reasonably available information about the subject property.

B) Interviews with past and present owners, operators and occupants.

C) Review of historical sources of information documenting the subject property's first use.

D) Review of Federal, State, tribal and local government records, as defined in 40 CFR 312.26.

E) A visual inspection of the subject property and adjoining properties (to the extent possible).

F) Preparation of this written report on all appropriate inquiries.

4.0 SUBJECT PROPERTY/VICINITY DESCRIPTION

4.1 SITE RECONNAISSANCE

A visual site review of the subject property was completed to document site conditions and to identify recognized environmental conditions. The site reconnaissance included a walkthrough of select units/spaces on-site, including interior and exterior areas with the exception of two vacant units and the Federal Credit Union. In addition, LCS did not inspect the roof of the subject structure as it was not readily accessible. Limitations also included stored materials and parked vehicles on-site at the time of the site inspection.

The following summarizes LCS' observations.

Current Owner/Operator Interviews

The owner of the subject property had been identified as Orchard Park Associates. The Key Site Manager of the subject property had been identified as Mr. Joe Deck.

LCS was unaccompanied at the time of the site inspection, thus property boundaries were approximated and background information was limited.

The LCS Owner/Operator Questionnaire was forwarded to Mr. Paul Hogan, the current owner/operator on October 4, 2013, for completion. As of the date of this report, LCS has yet to receive the completed questionnaire. Any response information that would alter or affect the findings and conclusions of this report will be forwarded as an addendum to this report when it is received by LCS.

Overview

General Site Information	
Name of Site	Commercial Plaza
Site Address	3021-3041 Orchard Park Road
Municipality, County, State	Town of Orchard Park, Erie County, New York
Fronting Streets	Orchard Park Road and Michael Road
Site Size (acres)	5.44
Site Elevation (feet above mean sea level)	Approximately 715
Site Topography	Level at grade
Nearest Water Body (Name/Distance)	Smoke Creek/0.43 miles west
Exterior Conditions/Improvements	General landscaping, asphalt-paved parking areas and concrete sidewalks
Building Information	
No. Buildings	One
Square Footage of Building	44,596
No. Stories	One
Basement Present?	No
Roof Type/Age	Flat/exact age unknown, presumably 1972
Current Building Uses	Commercial plaza with the following tenants: Family Dollar, an antique store, Fantastic Sams, Benjamin Moore Paints and a credit union; also includes two vacant units
Heating System	Natural gas
Building Construction Date	1972
Utilities Provided	Natural gas and electric and municipal sewer and water
Wastes Generated	General refuse and recyclables

Refer to Sections *10.2 SITE SURVEY/TAX MAP*, *10.3 SITE CONDITION REPORT* and *10.5 OWNER/ OPERATOR QUESTIONNAIRE.*

Storage Tanks

During the LCS site inspection, there was no indication of any on-site USTs or ASTs for the containment of petroleum products (e.g., fill ports, vent pipes, accessways, etc.).

Hazardous or Regulated Materials

Hazardous and/or regulated materials were noted stored and utilized on the subject property at the time of the site inspection. These were as follows:

Material	Storage Location	Approximate Quantities On-Site
General cleaning supplies	One-gallon and smaller containers throughout the subject structure	Several
Paints and lacquers	Five-gallon and smaller containers in Benjamin Moore	Several

There was no evidence of any releases (staining, odors, etc.) in the area of these materials at the time of the site inspection. Relevant MSDS, if provided, are included in the appendix of this report.

There were no visible signs of unidentified substance containers (unlabeled drums, etc.) noted at the time of the site inspection.

Solid, Hazardous or Regulated Waste

Operations on the subject property produce general refuse and recyclables associated with commercial operations. Refuse is stored in dumpsters and transferred off-site by Modern, Waste Management and Republic Services.

Currently, there is no hazardous or regulated waste generated on-site.

Staining, Corrosion, Stressed Vegetation and/or Dead Vegetation

During the LCS site reconnaissance, there were no stained soils, stained pavement, stressed vegetation or corroded surfaces noted on-site.

Fill Dirt or Land Disposal

During the LCS site reconnaissance, there was no evidence of placement of fill dirt or land disposal activities currently or previously conducted on-site.

Wastewaters

Municipal sanitary and storm sewers service the subject property; however, the exact date of connection is unknown. Operations on the subject property are not believed to produce wastewaters that require treatment or monitoring.

Floor drains were noted in the restrooms and are reportedly connected into the municipal sanitary sewer system. Storm drains are located in the parking areas; these reportedly discharge to the municipal storm sewer system.

There was no evidence of a current or historic private septic system or cesspool on the subject property. Additionally, there was no evidence of any pits, ponds or lagoons used in connection with waste treatment or waste disposal.

Potable Water Supply/Wells

The subject property is served by a municipal water supply system. There was no evidence of an active or abandoned supply well, drywell, monitoring well or irrigation well on-site.

Air Emissions

There were no process exhaust systems noted on-site at the time of the LCS site investigation.

Suspect PCBs

The following suspect PCB-containing materials were noted on-site.

Suspect PCB Container	Location	Owner	Evidence of Leaks (Y/N)
Transformer (pole-mounted)*	Four/north and south border	Utility	No
Transformer (pad-mounted)*	One/east of subject structure	Utility	No
Fluorescent lights**	Throughout the subject structure	Property owner	No

*Utility-owned transformers and any subsequent contamination that may result are the responsibility of the utility company.
**According to ASTM, PCB-containing light ballasts are not considered a recognized environmental condition.

Suspect ACMs

A cursory visual assessment for ACMs was undertaken as a part of this environmental site assessment. At the time of the cursory inspection, there were suspect ACMs located within the subject structure. Asbestos may be present in the following partial list of suspect materials:

Materials*	Location	Condition	Approx. Quantity of Damaged Materials
Ceiling Tiles – 2’ x 4’	Throughout the subject structure	Good	None
Drywall and plaster	Throughout the subject structure	Good	None
Floor tiles – 12” x 12” and 6” x 6”	Throughout the subject structure	Good	None

*It should be noted that a cursory visual assessment was conducted by LCS; the observations listed above are based on the limited areas observed during the LCS site reconnaissance, additional suspect materials may be present on-site.

Caution is recommended if renovation and/or remodeling of this facility are to take place. Prior to renovation, remodeling or demolition of this facility, a detailed asbestos inspection and sampling protocol is recommended. All federal, state and local government rules, laws and regulations must be followed.

Suspect Lead Based Paint

The Consumer Product Safety Commission banned the manufacture of lead-based paints for residential and commercial application in 1978; Federal regulations enforced this ban in 1993. Structures completed prior to 1978 may contain lead-based paints. The subject building was constructed in 1972, according to the Town of Orchard Park municipal records. The possibility exists for the presence of lead-based paints in the existing structure. Painted surfaces, including walls, ceilings, doors, windows and exterior surfaces were noted during the site investigation.

The painted surfaces observed by LCS were in good condition with no significant peeling or chipping paint. If the painted surface(s) peel, chip and/or is intended to be removed, safety precautions should be taken to prevent inhalation or digestion. This cursory lead-based paint review did not include identification of suspect lead-based paint dust associated with windows, doors, etc.

Lead in Drinking Water

According to public water analysis conducted by the Erie County Water Authority, the 90th percentile for lead for the year 201 was 0.003 mg/L. According to the USEPA, the action level applicable to municipal potable water supplies and distribution systems is 0.015 mg/L.

It should be noted that at the time of the site inspection, lead pipes were not noted within the subject structure. Such are not anticipated due to the age of the subject structure.

Suspect Mold

Mold can germinate and colonize when a food source (i.e., drywall, wood, insulation, paper), a certain temperature and moisture are present. The speed of the growth all depends on the combination of these conditions; roof leaks often lead to accelerated mold growth. The musty odor commonly present with mold is associated with the mVOCs produced by molds. Some, but not all, molds produce a Mycotoxin that is considered a poison and may have negative health effects on humans.

At the time of the site inspection, there were no suspect mold covered areas or mold-related odors noted within the subject structure. This does not preclude the presence of molds in hidden areas (behind walls, moldings, etc.) or the potential for future mold growth.

LCS noted approximately five water damaged ceiling tiles in the antique store. Such areas may promote the growth of mold in the future.

Other Issues

At the time of the site inspection, there was no evidence of any other issues of concern associated with the subject property.

4.2 ADJACENT SITE USE

The adjacent properties were visually inspected from the subject property at the time of the site reconnaissance. The surrounding property uses include the following:

Direction	Current Use	Apparent Past Use	Concerns
North:	Strikers Bowling Alley (50 Michael Road) and commercial plaza	Commercial	None
South:	Rite Aid Pharmacy (3050 Union Road)	Commercial	None
East:	Walgreens Pharmacy (3008 Union Road) and Key Bank (3030 Union Road)	Commercial	None
West:	Vascular Associates of Western New York (3030 Orchard Park Road)	Commercial	None

4.3 SUBJECT SITE PHOTOGRAPHS

Photographs of the subject property were taken by LCS on October 4, 2013. Photographs were taken with the objective of documenting the physical condition of the subject property and any improvements thereon. Photographs are included on the following pages.

4.4 SUMMARY OF OBSERVATIONS OF POTENTIAL CONCERNS

No conditions indicative of releases or threatened releases of hazardous substances on, at, in, or to the subject property were identified during LCS' site reconnaissance.

5.0 SUBJECT PROPERTY HISTORY AND USE

The historical use of the subject property has been researched through review of historic maps, historic aerial photographs, municipal records, city directories, historic topographic maps, and/or other reasonably obtainable documents. The following summarizes LCS' historical research.

5.1 HISTORIC AERIAL PHOTOGRAPHS

Historical aerial photographs serve to reveal former topography, buildings, structures and man-made works such as canals, lagoons and railroads that may have been altered or may no longer be in existence.

Historical aerial photographs were reviewed through www.historicaerials.com and www.google.com/earth on October 8, 2013. Changes in land use and general subject property characteristics were noted and are described below. Copies of the aerial photographs, if available, are included in Section *10.8 AERIAL PHOTOGRAPHS*. LCS' observations of the subject property and surrounding properties are detailed below.

YEAR/SITE	OBSERVATIONS/PROPERTY USES
1926	
Subject Property	Appears to be agricultural land
North	Appears to be agricultural land
South	Suspected residential
East	Appears to be agricultural land
West	Appears to be agricultural land
1958 and 1966	
Subject Property	Appears to be fallow land; possible cleared land in 1966.
North	Suspected commercial and agricultural land
South	Suspected residential
East	Appears to be under development
West	Suspected residential
1995, 2002 and 2006	
Subject Property	Appears to be developed with the existing subject structure
North	Suspected commercial
South	Suspected commercial
East	Suspected commercial
West	Suspected commercial

None of the aerial photographs suggest environmental concerns, such as exterior storage areas, fill, disturbed areas, etc.

5.2 HISTORICAL MAPS/DIRECTORIES

Sanborn Maps

Historical Sanborn Maps were ordered by LCS through EDR for information regarding the subject property and surrounding area. However, EDR forwarded a letter to LCS indicating that there is no Sanborn coverage for the subject property. This letter is included in the appendix of this report.

City Directories

Historic city directories were not readily available from the local library.

LCS reviewed a City Directory Abstract provided by EDR, which researches former on-site occupants through available street directories. Based on EDR's research, the subject property address (3021-3041 Orchard Park Road) was identified as the following:

- 1969: not listed
- 1975: First Line Hockey (3025 Orchard Park Road) and Clinton Discount Store (3031 Orchard Park Road)
- 1979 and 1983: CVS Pharmacy (3031 Orchard Park Road), First Line Hockey (3035 Orchard Park Road) and D'Amatos 1 Hour Martinizing (3039 Orchard Park Road)
- 1989: Tops Friendly Markets (3025 Orchard Park Road), CVS Pharmacy (3031 Orchard Park Road), D'Amatos Martinizing (3035 Orchard Park Road), Instyprints Printing Centers and Southtown Prints (3039 Orchard Park Road) and Dime Savings Bank (3041 Orchard Park Road)
- 1993: Tops Friendly Markets and Western Union (3025 Orchard Park Road), CVS Pharmacy (3031 Orchard Park Road), D'Amatos Martinizing (3035 Orchard Park Road), Instyprints Printing Centers and Southtown Instyprints (3039 Orchard Park Road) and Dime Savings Bank (3041 Orchard Park Road)
- 1998: Western Union (3025 Orchard Park Road), CVS Pharmacy (3031 Orchard Park Road), D'Amatos Dry Cleaners and Shirt Laundry (3035 Orchard Park Road), Instyprints Printing Centers and Southtown Instyprints (3039 Orchard Park Road)
- 2003: CVS Pharmacy (3031 Orchard Park Road), D'Amatos Dry Cleaners and Shirt Laundry (3035 Orchard Park Road), Instyprints Printing Centers and Xoar Communications (3039 Orchard Park Road) and Super Sun Capsule (3041 Orchard Park Road)
- 2008: Family Dollar (3027 Orchard Park Road), CVS Pharmacy (3031 Orchard Park Road), D'Amatos and Fantastic Sam's (3035 Orchard Park Road) and Buffalo Postal Community Federal Credit Union (3041 Orchard Park Road)

[LCS suspects that the Instyprints and Southtown Prints listings are copy centers only. As such, this concern is reduced.]

Historic Topographic Maps

The subject property is included on the Buffalo Southeast Quadrangle Topographic Map dated 1965. According to this map, the subject property was undeveloped at that time.

A historic topographic map, available through http://historical.mytopo.com, was reviewed for additional information regarding the subject property. The subject property is included on the Buffalo Southeast Quadrangle Topographic Map dated 1948. This map indicates that the subject property was undeveloped at that time.

5.2 HISTORICAL MAPS/DIRECTORIES (continued):

Other Sources

Other historical sources were not readily ascertainable from local sources.

5.3 MUNICIPAL RECORDS

Municipal research available through local municipalities was completed by LCS and is summarized below.

Subject Property Information	
Sources	Town of Orchard Park Tax Assessment Office, www.real-info.com and http://gis1.erie.gov/
Parcel Nos.	152.12-2-1 and 152.12-2-2.1
Size (acres)	5.44
Current Owner	Orchard Park Associates
Past Owners	Tops Markets, LLC (sold 2008 and 2009)
Square Footage of Buildings	44,596
Date of Construction	1972
Utilities Provided	All public

There was no indication of historic heating systems or previous site development.

The Abstract of Title Search for the subject property was not available for review.

5.4 PREVIOUS STUDY

No previous studies were supplied to LCS for review relative to the subject property.

5.5 SUMMARY OF HISTORIC USES

The historical use of the subject property has been researched through review of historic maps, historic aerial photographs, municipal records, city directories and/or other reasonably obtainable documents, as detailed below.

Date Range	Apparent Use	Source
At least 1926 through 1966	Agricultural/fallow land	Aerial photographs and historic topographic maps
At least 1972 through present	Developed with the existing subject structure utilized commercially.	Aerial photographs, city directories, municipal information and site reconnaissance

The following conditions indicative of releases or threatened releases of hazardous substances on, at, in, or to the subject property were identified based on LCS' historical research:

- On-site operations included dry cleaning from at least 1979 through at least 2008.
- Two printing tenants were historically located on-site; LCS suspects such are copy centers.

6.0 PHYSICAL AND HYDROGEOLOGIC SETTING

The subject property is included on the Buffalo Southeast Quadrangle Topographic Map dated 1965. Regional groundwater would appear to flow in a westerly direction based on a review of geological/soils and USGS quadrangle maps.

6.1 GEOLOGY

Bedrock mapping indicates the underlying bedrock to be of the West Falls Group, which includes Angola and Rhinestreet Shales. Thickness varies from 400 to 950 feet (120 to 290 meters).

Surficial geologic mapping of the area indicates that the subject property is underlain primarily by till with areas of bedrock within one to three meters of the surface and with possible bedrock outcroppings. Till, deposited beneath glacier ice, is described as being poorly sorted and variably textured (clay, silt-clay, boulder-clay). The thickness of the till is variable from 1 to 50 meters.

6.2 HYDROLOGY

The subject property is situated regionally in the lake Erie-Niagara River Major Drainage Basin and locally within the Buffalo River Sub-Basin.

The subject property does not have any open water bodies or surficial water bodies located on-site. Surface drainage appears to flow in a direction toward the lowest elevated points on-site and/or toward the closest storm drains on-site. Localized groundwater flow would be influenced by utilities, subsurface structures, etc. A site-specific hydrogeologic study would be required to confirm specific on-site groundwater flow direction.

7.0 REGULATORY INFORMATION

Regulatory information involving the subject property was obtained through a commercial database search company, interviews with local municipalities and/or other knowledgeable persons, FOIA requests, and user-supplied information. The following summarizes LCS' regulatory research.

The following environmental records sources were reviewed.

Source	Date Contacted	Comment
EDR	Dates for the databases are provided within the EDR report.	See 7.1 below
FOIA request submitted to the Town of Orchard Park Building Inspector's Office	October 7, 2013	See 7.3 below
FOIA request submitted to the NYSDEC	October 7, 2013	See 7.3 below

7.1 DATABASE

Federal and state environmental regulatory information was provided by EDR.

Refer to MAP FINDINGS SUMMARY pages within the EDR report for a tabulated list of databases reviewed and sites identified within specified radii.

Any sites unplottable by EDR were also reviewed, to the extent practical based on site name and address, to assess whether they are also present within their appropriate radii. Any listings for the subject property or any adjacent sites are included in the details below.

No sites were identified within the appropriate radii, except for the following:

SUBJECT PROPERTY:

According to the EDR report, the subject property, listed as CVS Pharmacy #0533/CVS #0533/D'Amatos Dry Cleaners and addressed at 3031 Orchard Park Road/S-3035 Orchard Park Road, was identified in the following databases:

- RCRA Large Quantity Generator of hazardous waste (with no violations reported)
- Manifest facility indicating shipments of hazardous waste
- Drycleaners

In addition, the subject property was also listed in the Orphan Site Summary as D'Amatos One Hour and addressed at 53039 Orchard Park Road (LCS suspects that this address is meant to be S. 3039 Orchard Park Road). The subject property was identified in the following databases:

- Former RCRA Generator of hazardous waste (with no violations reported)
- FINDS database due this RCRA listing
- Manifest facility

7.1 DATABASE (continued):

ADJACENT SITES:

The following adjacent property was also identified in the EDR report:

- An east adjacent site, listed as Former Walker Service, addressed at 3008 Union Road, was identified as a registered UST facility and NY Spill and LTANK spill site. Spill Nos. 9406100 and 1001073 involved the discovery of contamination during tank pulls and are classified as "closed." [A status of "closed" indicates the spill was remediated and the NYSDEC file closed with no further remediation required.]
- A west adjacent site, listed as Towne Lincoln-Mercury, addressed at 3050 Orchard Park Road, was identified as a registered AST/UST facility and RCRA Generator (no unresolved violations listed) and on the Manifest database. This site was also listed as a NY spill site. Spill No. 9705746 involved the discovery of contamination during a tank pull and is classified as "inactive." [A status of "inactive" indicates the contamination may remain but no further remediation is required.] Spill No. 0651390 involved the discovery of contamination during the removal of lifts and is classified as "inactive."
- A south adjacent property, listed as Rite Aid #4969/Austin Pontiac, Inc. and addressed at 3050 Union Road/3050 Union Rd. @ Orchard Park Rd., was identified in the following databases:
    - RCRA Conditionally Exempt Small Quantity Generator of hazardous waste (with no violations reported)
    - Manifest facility
    - AST facility with no active tanks

OTHER LISTINGS:

The following sites were also identified in the EDR report:

According to the EDR report, there are seven NYSDEC listed spill sites attributed to LTANKs and 22 additional spill sites located within a one-half mile radius of the subject property. All of these spills listed at those sites are classified as either "inactive" or "closed" by the NYSDEC. [A status of "closed" indicates the spill was remediated and the NYSDEC file closed with no further remediation required. A status of "inactive" indicates the contamination may remain but no further remediation is required.] This information is not a recognized environmental condition at the subject property based on the listed spill sites due to the "closed" or "inactive" status of the listed spills and/or the distance to the subject property.

The discussion included above regarding adjacent and/or nearby properties is based on information supplied to LCS as well as LCS' observations of nearby properties at the time of the site reconnaissance. It should be noted that any property can be affected by various sources of point and non-point source pollution. The number of reported spills and complaints in the vicinity of the subject property may be an indicator of point source pollution in the area of the subject property. Non-point sources are common in rural areas (e.g., runoff from agricultural fields). Further study would be required to positively confirm whether the subject property has been impacted by nearby properties. Refer to Section *10.6 REGULATORY INFORMATION*.

7.2 ENFORCEMENT ACTIONS/PERMITTED ACTIVITIES/INSTITUTIONAL CONTROLS

According to obtainable information to date, there have been no enforcement actions, orders or institutional controls imposed against the referenced subject property.

According to obtainable information to date, the subject property appears to be subject to RCRA and Manifest permitted activities, as discussed above.

7.3 INTERVIEWS/USER PROVIDED INFORMATION

Local Regulators
As required by that municipality, a FOIA request was forwarded to the Town of Orchard Park Building Inspector on October 7, 2013. As of the date on this report, LCS has not received a response. Any response information that would alter or affect the findings and conclusions of this report will be forwarded as an addendum to this report when it is received by LCS.

State Regulators
To augment the information provided by EDR, a FOIA request was forwarded to the NYSDEC for information concerning the subject property. To date, a complete response has not been received by this agency.

Person Seeking Liability Protection
As required under 40 CFR 312, those seeking liability protection under CERCLA, for which this report is prepared, must provide the environmental professional certain information and documentation (See Appendix 10.13). LCS has requested that information from the appropriate party and the response to that inquiry is as follows (See Appendix 10.11).

Environmental Liens

According to Dr. Carlos Santos, there are no environmental cleanup liens against the subject property that are filed or recorded under federal, tribal, state or local law.

Specialized Knowledge or Experience

According to Dr. Santos, he has no specialized knowledge or experience regarding the subject property, the area surrounding the subject property, the conditions of adjoining properties or other experience relative to this inquiry indicative of releases or threatened releases at the subject property.

Purchase Price

According to Dr. Santos, he has concluded that the purchase price of the subject property reflects the fair market value of that property, if the property were not contaminated.

Commonly Known or Reasonably Ascertainable Information

Dr. Santos has provided the following commonly known or reasonably ascertainable information regarding the subject property which may be indicative of releases or threatened releases at the subject property.

- The subject property was historically utilized as a Tops Markets.

7.3 INTERVIEWS/USER PROVIDED INFORMATION (continued):

Current Owner/Operators
The LCS Owner/Operator Questionnaire was forwarded to Mr. Paul Hogan on October 4, 2013. As of the date of this report, LCS has yet to receive the completed questionnaire. Any response information that would alter or affect the findings and conclusions of this report will be forwarded as an addendum to this report when it is received by LCS.

Former Owner/Operators
As required by 40 CFR 312.23, LCS has attempted to contact and interview the former owners and/or operators of the subject property to discuss historic use and storage of hazardous substances. To-date, LCS has been unable to interview any relevant previous owners or operators.

7.4 SUMMARY OF REGULATORY AND USER PROVIDED INFORMATION

The following conditions indicative of releases or threatened releases of hazardous substances on, at, in, or to the subject property were identified based on LCS' review of regulatory information:

- The subject property, listed as CVS Pharmacy #0533/CVS #0533/D'Amatos Dry Cleaners and addressed at 3031 Orchard Park Road/S-3035 Orchard Park Road, was identified as a RCRA Large Quantity Generator of hazardous waste (no violations listed) and within the Manifest database due to that listing. This site was also listed as a Drycleaner.
- The subject property was also listed in the Orphan Site Summary as D'Amatos One Hour and addressed at 53039 Orchard Park Road (LCS suspects that this address is meant to be S. 3039 Orchard Park Road) and was identified as a former RCRA Generator (no violations listed) and within the Manifest and FINDS databases due to the RCRA listing.
- An east adjacent site, listed as Former Walker Service, addressed at 3008 Union Road, was identified as a registered UST facility and NY Spill and LTANK spill site. Spill Nos. 9406100 and 1001073 involved the discovery of contamination during tank pulls and are classified as "closed." [A status of "closed" indicates the spill was remediated and the NYSDEC file closed with no further remediation required.]
- A west adjacent site, listed as Towne Lincoln-Mercury, addressed at 3050 Orchard Park Road, was identified as a registered AST/UST facility and RCRA Generator (no unresolved violations listed) and on the Manifest database. This site was also listed as a NY spill site. Spill No. 9705746 involved the discovery of contamination during a tank pull and is classified as "inactive." [A status of "inactive" indicates the contamination may remain but no further remediation is required.] Spill No. 0651390 involved the discovery of contamination during the removal of lifts and is classified as "inactive."
- A south adjacent property (3050 Union Road) was identified as a RCRA Conditionally Exempt Small Quantity Generator of hazardous waste (with no violations reported), registered AST facility and Manifest site.

8.0 RADON

Radon is a radioactive gas that occurs naturally from the breakdown of uranium in rock. Radon can be found in high concentrations in soils and rock containing uranium, shale, granite, phosphate and pitchblende. Radon may also be found in soils contaminated with certain types of industrial wastes such as the byproducts from uranium or phosphate mining. Radon gas can move through small fractures in soil and rock and can seep into a structure through dirt floors, cracks in the floors and walls, drains, sumps pipes and pores. Radon has been associated with increased risks of developing lung cancer.

The subject structure is a slab-on-grade construction. The USEPA reports that the average indoor radon concentration is estimated to be about 1.3 pCi/L and about 0.4 pCi/L of radon is normally found in the outside air. The NYSDOH Radon Detector Distribution Program report for October 2012 suggests an average basement radon reading of 4.78 pCi/L for Orchard Park. The NYSDOH recommends taking measures to reduce basement radon concentration to below 4.0 pCi/L. Although the average radon concentration for the area of the subject property is elevated, radon is not anticipated to pose a concern due to the assumed daily interior air changes within the structure and the nature of on-site operations.

9.0 WETLANDS

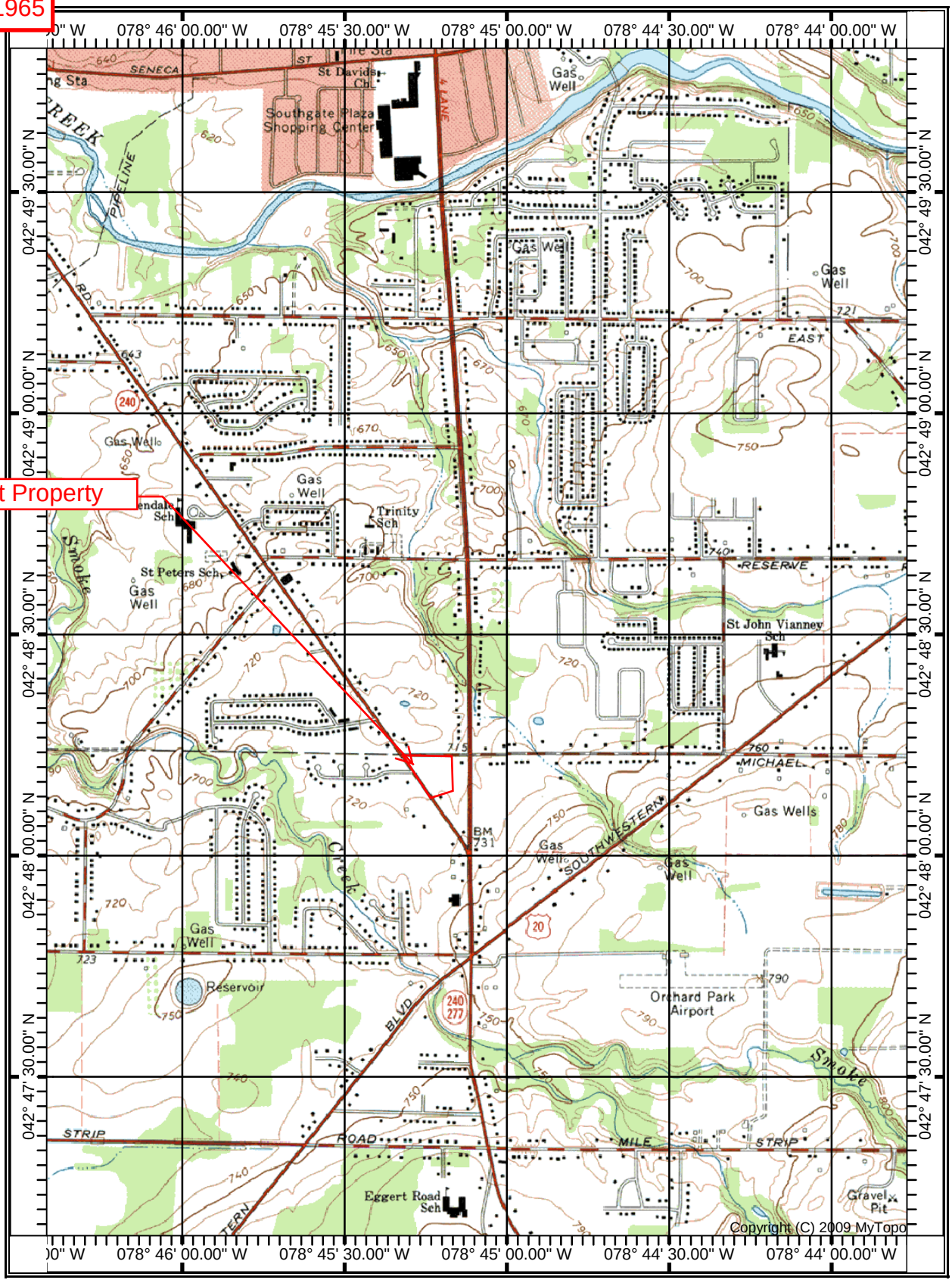
According to information reviewed at http://www.dec.ny.gov/imsmaps/ERM/viewer.htm, the approximate distance to the nearest state wetland is 0.6 miles southwest (BU-9). According to the EDR report, the approximate distance to the nearest federal wetland is 0.25 miles east.

Not all wetlands are mapped; rather, they are identified using soil types, vegetation and hydrology. According to the EDR report, mapped soil unit, silty clay loam, reportedly present at the subject property, is not classified as a hydric soil. Therefore, there is little to no potential for the presence of wetlands on the subject property. Refer to the EDR report for the soil description.

10.0 APPENDIX

10.1 SITE LOCATION MAP/USGS QUADRANGLE MAP

Buffalo SE
Dated: 1965



SCALE 1:24000

0 1000 2000 3000 4000 5000 6000 7000

FEET

10.2 SITE MAPS

Erie County On-Line Mapping Application

Legend

- Parcels
- Municipal Boundaries

0 223.01 446.0 Feet

WGS_1984_Web_Mercator_Auxiliary_Sphere
THIS MAP IS NOT TO BE USED FOR NAVIGATION

ERIE COUNTY
DEPARTMENT OF ENVIRONMENT & PLANNING
OFFICE OF GIS

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

1: 2,676

Erie County On-Line Mapping Application

Legend

- Parcels
- Municipal Boundaries
- 2011_bdy

0 111.51 223.0 Feet

WGS_1984_Web_Mercator_Auxiliary_Sphere
THIS MAP IS NOT TO BE USED FOR NAVIGATION

ERIE COUNTY
DEPARTMENT OF ENVIRONMENT & PLANNING
OFFICE OF GIS

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

1: 1,338

10.3 SITE CONDITION REPORT

Circle one:
Refinance or (Purchase)

PROJ. # 13B4431.29 **LCS, INC. SITE CONDITION REPORT**

DATE 10/4/13 EMPLOYEE NAME(s) Robyn Ventura

PRESENT: (Mr)/Ms unaccompanied TITLE: _____ Yrs. associated w/site _____

Mr/Ms _____ TITLE: _____ Yrs. associated w/site _____

QUESTIONNAIRE (CIRCLE): completed on-site or given to: Paul Hogan

LIMITATIONS: stored materials, no access to 2 units, parked vehicles

Roof Inspected? (circle) Yes/No

SITE INSPECTION INCLUDED: List sent

**DESCRIPTION OF CURRENT OPERATIONS (be specific, include tenants): Family Dollar, Orchard Park Antique Mall, Fantastic Sams, Benjamin Moore, Buffalo Community Credit Union

General Site Information	
Name of Site	Commercial Plaza
Site Address	3021-3041 Orchard Park Rd.
Municipality, County, State	Town of Orchard Park, Erie County, NY
Fronting Streets	
Site Size (acres)	
Site Topography (circle)	(Level at grade) _____ % Slope (N/S/E/W)
Nearest Water Body	
Exterior Conditions/ Improvements (circle)	Outbuildings (#/type) 0 (Asphalt Parking) Green areas Trees Landscaping (Concrete sidewalks)
Locality (circle)	Urban (Suburban) Rural
Area Development (circle)	Highly (Moderately) Lightly
Area Character (circle all that apply)	Industrial (Commercial) Residential Agricultural Wooded Fallow
Grounds (circle all that apply)	Fill material (type/location) — Dead/stressed vegetation (amt/location) — Debris/dumping (type/location) — Storm drains (location/discharge to) to plot → muni

UTILITIES	
	Utilities Provided (circle): (Natural Gas) (Electric)
	WATER (circle): PRIVATE: well location_____ or (MUNICIPAL)
	SEWER (circle): SEPTIC: date of last perc test_____
	or (MUNICIPAL): connection date: _____
	EVIDENCE OF FORMER SEPTIC SYSTEM? NO YES, LOCATION_____

ACCORDING TO THE SITE CONTACT, PAST ON-SITE OPERATIONS INCLUDED (current buildings, historic buildings, **DATES**):

Tops Market

ACCORDING TO THE SITE CONTACT, HISTORIC TENANTS INCLUDED: _____

PROJ. # 13B4431.29

STRUCTURES **NOTE: ALWAYS USE ONE SHEET PER STRUCTURE**

TOTAL NO. OF BUILDINGS ON-SITE: 1

Building Information	
Building Name: Commercial Plaza	Building Construction Date
Sq. Ft. of Building:	No. Stories: 1
Building Use(s)/Operations Various commercial	
Heating System/Location	**Heat Source:** Natural Gas
EVIDENCE OF FORMER HEATING SYSTEM? (NO) YES, TYPE_____	
Basement (circle) Full / Partial / (None)	
Building Condition (circle) Excellent (Good) Fair Poor	
Building Envelope (circle) (Block) (Poured Concrete) Steel Wood Brick	
Siding (circle) Wood Aluminum Vinyl Asbestos Transite Brick	
Roof (circle) (Flat) Peaked Flashings Mansard	
Elevator (circle) (No) / Yes (location)_____ Pit? :_____	
Floor drains (circle) No (Yes) (location) bathrooms Discharge to: (muni) / septic / surface/ other	
Oil/Water Separator (circle) (No) / Yes (location)_____ Age:_____ Serviced by:_____	
Sump pit (circle) (No) Yes (location)_____ Discharge to: muni / septic / surface/ other	

NOTES:

Family Dollar:
- 12x12 F.t.
- 2x6 c.t.
- flo lights t.o.
- drywall - paint

Backrooms:
- dry transformer
- bathroom - flr drain
- ceiling heater

3031 → vacant (no access)
- 2x4 c.t.
- flo lights

Antique Store:
- 2x4 c.t. - water staining w 5 ft
- flo lights
- carpet
- drywall - paint

Break room & office
- 12x2 F.t., @ 2x4 c.t.
- flo lights

Fantastic Sams
- 12x12 ceramic tile
- 2x2 c.t.
- flo lights
- Backroom - dry transformer

2 (add a,b,c as needed)

PROJ. # 13B4431.79

STRUCTURES (CONTINUED): **NOTE: ALWAYS USE ONE SHEET PER STRUCTURE**

Building Information					
Building Name:				Building Construction Date	
Sq. Ft. of Building:				No. Stories:	
Building Use(s)/Operations					
Heating System/Location				**Heat Source:**	
EVIDENCE OF FORMER HEATING SYSTEM? NO YES, TYPE_____					
Basement (circle)	Full / Partial / None				
Building Condition (circle)	Excellent	Good	Fair	Poor	
Building Envelope (circle)	Block	Poured Concrete	Steel	Wood	Brick
Siding (circle)	Wood	Aluminum	Vinyl	Asbestos	Transite Brick
Roof (circle)	Flat	Peaked	Flashings	Mansard	
Elevator (circle)	No / Yes (location)_____		Pit? :_____		
Floor drains (circle)	No /Yes (location)_____		Discharge to: muni / septic / surface/ other		
Oil/Water Separator (circle)	No / Yes (location)_____		Age:_____	Serviced by:_____	
Sump pit (circle)	No /Yes (location)_____		Discharge to: muni / septic / surface/ other		

NOTES:

Credit Union (no access)
- 6x6 f.t.
- 2x4 c.t.
- flo lights
drive-thru

Benjamen Moore:
- 12x12 c.t.
- paints & lacquers
- ≤5gal cont
- Bathroom (no drain)

Vacant space (no access)

2 b (add a,b,c as needed)

PROJ. # 13B4431.79

WELLS (DRYWELLS/INJECTION WELLS, etc):
LOCATIONS: _____ DEPTH: _____
USE OF WELL: _____ SAMPLE RESULTS: _____

PCBs:

Suspect PCB Container	#/Location	Owner	Evidence of Leaks (Y/N)	Labeled as non-PCB? (Y/N)
Transformer (pole-mounted)	1/ N border	Util	N	N
Transformer (pad-mounted)	1/ SW border	Util	N	N
Lifts	1/ E of S.S.	Util	N	N
Elevators	—			
Fluorescent lights	—			
	+.o.	Prop owner	N	N

BULK STORAGE TANKS: Total # USTS on-site: 0 **Total # ASTs on-site:** 0
Total # vents: 0 **Total # fills** 0 **Total # monitoring wells** 0

Characteristics	Tank #1	Tank #2	Tank #3
AST/UST			
Location			
Registered/Permitted (Dates)			
Date of Last Test			
Capacity			
Product			
Single/Double Walled			
Age			
Type of Monitoring System			
Any releases/spills?			
Status (circle)	Active Inactive Closed	Active Inactive Closed	Active Inactive Closed

EVIDENCE OF ADDITIONAL USTs (VENT PIPES/FILL PORTS, ETC.; LOCATION):
_____

WERE ANY USTs **EXCAVATED** FROM or **FILLED** IN-PLACE ON PROPERTY? DATE: _____
CONTRACTOR NAME: _____ DOCUMENTATION AVAILABLE? _____
CONDITIONS IN AREA OF FORMER USTS (stained, stressed, dead vegetation/surfaces)_____
_____

PROJ. # 13134431.29

LEAD: Year Built: _____ (cut off date 1978)

Material/surface	Location	Approx. Quantity of Damaged Materials
Walls	T.O.	None
Ceilings		
Pipes, soldering		

ANY PREVIOUS LBP TESTING CONDUCTED ON-SITE? _____ NO _____ YES (obtain copy)

ASBESTOS: ****All building materials considered suspect ACMs, no cut off date**

Materials	Sizes/ Location	Condition (good, fair, poor)	Approx. Quantity of Damaged Materials**
Ceiling Tiles	2x4 t.o.	Good	~5 ft (Antique store)
Drywall and plaster	t.o.	Good	None
Floor tiles	12x12 t.o. Lake-Credit Union	Good	None
Roofing felts and/or materials			
Spray on fireproofing			
HVAC system insulating materials			

** WATER STAINING SHOULD NOT BE INCLUDED HERE – INCLUDE IN SUSPECT MOLD SECTION

IF UNDERGOING RENOVATION: IS O & M PLAN IN-PLACE? ____ WAS ACM SURVEY DONE? _____

ODORS: (circle)
SOLVENTS NATURAL GAS PETROLEUM OTHER
LOCATION: _____

SUSPECT MOLD: YES or NO

Location	Approximate Quantity

MOISTURE AND/OR MUSTY ODORS? X NO _____ YES
IF SO, WHERE? _____

PROJ. # 13R4431.29

PERMITS (IF YES, OBTAIN COPIES): **(circle)**

NPDES/SPDES RCRA HAZ. WASTE SEWER DISCHARGE AIR EMISSIONS OTHER

HAZARDOUS MATERIALS *(INCLUDE 55-GALLON DRUMS)*:

Material	Source/ Process	Storage Container/Location	Approx. Quantity On-Site	Condition
Cleaning supplies	Gen	≤1 gal / t.o.	several	Good
Paints/lacquers	Retail	≤5gal / Paint Store	several	Good

ADEQUATE STORAGE PRACTICES? (circle) NO YES (Add comments if no.)

MSDS'S (circle) NO YES (COPIES OR REVIEWED ON-SITE)
HAZARD COMMUNICATION PROGRAM? NO YES

UNLABELED/DAMAGED CONTAINERS:

WASTES:

Material	Source/ Process	Storage Container/ Location	Approx Quantity On-Site	Condition	Transporter
Solid	Gen	dumpsters/ N of S.S. E of S.S.	5	Good	Modern, WM
Recycling		dumpster/N of S.S.	1	Good	Republic Modern
Waste oil					

Obtain copies of disposal receipts, if available.

PROJ. # 13B4431.29

DRY CLEANERS:

CURRENT MACHINE TYPE? _____ AGE OF CURRENT MACHINE? _____
LOCATION OF MACHINE (basement, 1st floor, etc): _____
FORMER MACHINE TYPE? _____
HOW LONG HAS DRY CLEANING BEEN CONDUCTED ON-SITE? _____

FILM DEVELOPING/X-RAYS:

SILVER RECOVERY SYSTEM IN PLACE? _____ NO _____ YES
LEAD LINED WALLS FOR X-RAY ROOMS? _____ NO _____ YES

ADJACENT PROPERTIES:

List names and type of operations adjacent and next adjacent to subject property.

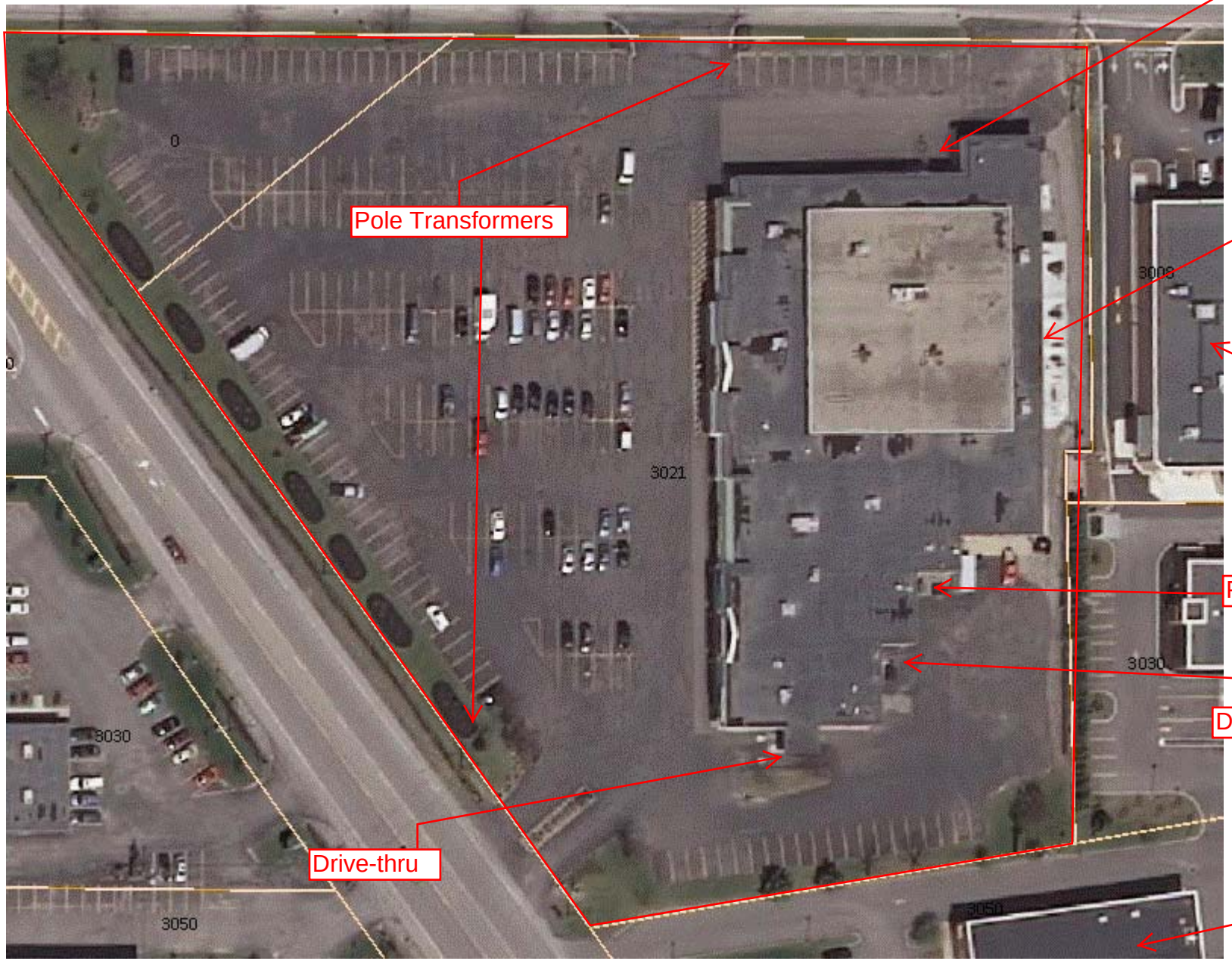
Direction	Current Use	Address (MUST INCLUDE)	Comments/Concerns (including past uses, if apparent)
North	Strikers Bowling Alley		If dry cleaner, circle one: Drop off or DC Plant None
South	Rite Aid		If dry cleaner, circle one: Drop off or DC Plant None
East	Walgreens	3008	If dry cleaner, circle one: Drop off or DC Plant None
West	Vascular Assoc. of WNY	3030 Orchard Park Rd	If dry cleaner, circle one: Drop off or DC Plant

GENERATORS: (firing source?) Ø **COMPRESSORS:**:(releases?) Ø

ADDITIONAL NOTES:

- Dumpster - N of S.S. → Modern (1 Gen, 1 Recycling)
- 4 Dumpsters E of SS → Modern, WM (2), Republic
- drive-thru - W of S.S.
- pad transformer — E of S.S.
- pole-transformers - 1 N of S.S, 3 SW border of S.P.
- storm drains - t.o. plot → muni

Erie County On-Line Mapping Application



Legend

- Parcels
- Municipal Boundaries
- 2011_bdy

0 111.51 223.0 Feet

WGS_1984_Web_Mercator_Auxiliary_Sphere
THIS MAP IS NOT TO BE USED FOR NAVIGATION

ERIE COUNTY
DEPARTMENT OF ENVIRONMENT & PLANNING
OFFICE OF GIS

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

1: 1,338

10.4 SITE PHOTOGRAPHS

PHOTOGRAPH VIEWS

Photo 1:

Photo 2:

Photo 3:

Photo 4:

Photo 1: View of the north exterior of the subject structure.

Photo 2: View of the south exterior of the subject structure.

Photo 3: View of the east exterior of the subject structure.

Photo 4: View of the west exterior of the subject structure.

PHOTOGRAPH VIEWS

Photo 1:

Photo 2:

Photo 3:

Photo 4:

Photo 1: View of the interior of the Family Dollar store.

Photo 2: View of the dry transformer in the Family Dollar store.

Photo 3: View of the interior of the antique store.

Photo 4: View of the break room in the antique store.

LCS, INC. 40 LA RIVIERE DRIVE, SUITE 120 BUFFALO, NEW YORK 14202 Project No. 13B4431.29 Photo Date: 10/4/2013	SITE PHOTOGRAPHS Commercial Plaza 3021 Orchard Park Rd. Orchard Park, New York

PHOTOGRAPH VIEWS

Photo 1:

Photo 2:

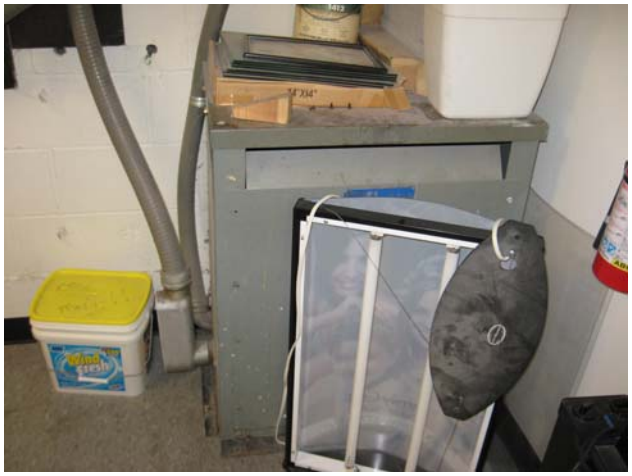


Photo 3:

Photo 4:

Photo 1: View of the interior of the Fantastic Sam's.

Photo 2: View of the dry transformer in the Fantastic Sam's.

Photo 3: View of the paint store.

Photo 4: View of the paint mixing machines.

PHOTOGRAPH VIEWS

Photo 1:

Photo 2:

Photo 3:

Photo 4:

Photo 1: View of the stored paints in the paint store.

Photo 2: View of the dumpsters north of the subject structure.

Photo 3: View of the pole-mounted transformers along the west subject property border.

Photo 4: View of the pad-mounted transformer on the east exterior of the subject structure.

PHOTOGRAPH VIEWS

Photo 1:

Photo 2:

Photo 3:

Photo 4:

Photo 1: View of the north adjacent property.

Photo 2: View of the south adjacent property.

Photo 3: View of the east adjacent property.

Photo 4: View of the west adjacent property.

LCS, INC. 40 LA RIVIERE DRIVE, SUITE 120 BUFFALO, NEW YORK 14202 Project No. 13B4431.29 Photo Date: 10/4/2013	SITE PHOTOGRAPHS Commercial Plaza 3021 Orchard Park Rd. Orchard Park, New York

10.5 OWNER/OPERATOR QUESTIONNAIRE

The LCS Owner/Operator Questionnaire was forwarded to Mr. Paul Hogan on October 4, 2013. As of the date of this report, LCS has yet to receive the completed questionnaire. Any response information that would alter or affect the findings and conclusions of this report will be forwarded as an addendum to this report when it is received by LCS.

As required by 40 CFR 312.23, LCS has attempted to contact and interview the former owners and/or operators of the subject property to discuss historic use and storage of hazardous substances. To-date, LCS has been unable to interview any relevant previous owners or operators.

10.6 REGULATORY INFORMATION

LCS INC.
Environmental and Real Estate Consultants

Corporate Offices
Waterfront Village
40 La Riviere Drive, Suite 120
Buffalo, New York 14202

Tel: 800.474.6802
716.845.6145
Fax: 716.845.6164
www.lenderconsulting.com

October 7, 2013

Mr. Peter Grasso
Foil Coordinator
NYS Department of Environmental Conservation
270 Michigan Ave.
Buffalo, NY, 14213, 2009

PLEASE REFERENCE THIS # WHEN *RESPONDING 13B4431.29*

Dear Mr. Grasso:
Our firm is performing an Environmental Assessment of a real property located within the jurisdiction of NYS region 9. Under the Freedom of Information Law (FOIL), I am writing to request that a review be made of NYSDEC region 9 department records, which are relevant to the purpose of this Environmental Assessment. Please forward this FOIL request to the following NYSDEC departments for review of department records, if available with regards to the subject site or facility (referenced below).

1) Env.Legal Affairs/Env. Enforcement - complaint/notice of violation files, legal proceedings.
2) Solid and Hazardous Waste - site files for active and inactive sites associated with the subject address.
3) NYSDEC Site Inspection Reports associated with the subject address.
4) Spills Division - record of petroleum/chemical releases.

SITE NAME:	**Commercial building**
STREET ADDRESS:	**3021 Orchard Park Rd**
MUNICIPALITY:	**Orchard Park**
COUNTY:	**Erie**
CURRENT OWNER(S):	**Orchard Park Associates**
PAST OWNER(S):	**Tops Market LLC**
CURRENT USE:	**Retail stores**
PAST USE(S):	**Tops Market**
SIZE:	**5.44 acres**
SBL#:	**152.12-2-1 and -2.1**

If you have any questions regarding this request for information, please contact our office at (716)-845-6145 the information that you provide is greatly appreciated.

Sincerely,
Stephanie LaPlaca
LCS Inc.
Email-slaplaca@lenderconsulting.com

EPA United States Environmental Protection Agency

Envirofacts

FRS Facility Detail Report

FRS

DAMATOS DRY CLEANERS

53039 ORCHARD PARK RD
ORCHARD PARK, NY 14127
EPA Registry Id: 110004403057

Facilty Registry Service Links

- Search
  - FRS Facility Query
  - FRS EZ Search
  - Organization Search
- FRS Physical Data Model
- FRS Geospatial Model
- Contact Us
- Facility Registry Service (FRS) Home

Report an Error

Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interes
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	NYD981185432	UNSPECIFIED UNIVERSE (N)	RCRAINFO	04/22/2010	

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Watershed Report

Standard Industrial Classification Codes (SIC)

No SIC Codes returned.

National Industry Classification System Codes (NAICS)

No NAICS Codes returned.

Facility Codes and Flags

EPA Region:	02
Duns Number:	
Congressional District Number:	27
Legislative District Number:	NY
HUC Code/Watershed:	04120103 / BUFFALO-EIGHTEENMILE
US Mexico Border Indicator:	
Federal Facility:	NO
Tribal Land:	NO

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
FACILITY MAILING ADDRESS	53039 ORCHARD PARK RD	ORCHARD PARK	NY	14127	RCRAINFO
OWNER	NOT REQUIRED	NOT REQUIRED	WY	99999	RCRAINFO
OPERATOR	NOT REQUIRED	NOT REQUIRED	WY	99999	RCRAINFO

Alternative Names

Alternative Name	Source of Data
DAMATOS DRY CLEANERS	RCRAINFO

Contacts

No Contacts returned.

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OWNER	SALVATORE F DAMATO		RCRAINFO	View
OPERATOR	SALVATORE F DAMATO		RCRAINFO	View

Query executed on: OCT-09-2013

D'AMATOS ONE HOUR
53039 ORCHARD PARK ROAD
ORCHARD PARK, NY 14127

Inquiry Number:
October 9, 2013

EDR Site Report™

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of federal, state and local environmental databases. The report is divided into three sections:

Section 1: Facility Summary . . . . . Page 3

Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

Section 2: Facility Detail Reports . . . . . Page 4

All available detailed information from databases where sites are identified.

Section 3: Databases and Update Information. . . . . Page 15

Name, source, update dates, contact phone number and description of each of the databases for this report.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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This report contains information obtained from a variety of public and other sources reasonably available to Environmental Data Resources , Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANYSUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES.ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.**Purchaser accepts this report "AS IS". Any analyses, estimates, ratings, or risk codes provided in this report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assesment performed by an environmental professional can produce information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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SECTION 1: FACILITY SUMMARY

FACILITY AREA	FACILITY 1 **D'AMATOS ONE HOUR** 53039 ORCHARD PARK ROAD ORCHARD PARK, NY 14127 EDR ID #1000296656 EPA #NYD981185432
WASTE MANAGEMENT Facility generates hazardous waste (RCRA)	**YES - p4**
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSDF)	NO
Facility has received Notices of Violations (RCRA/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL Facility is a Superfund Site (NPL)	NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	NO
MULTIMEDIA Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	**YES - p6**
Facility is listed in other database records (OTHER)	**YES - p8**
POTENTIAL SUPERFUND LIABILITY Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	3

SECTION 2: FACILITY DETAIL REPORTS

WASTE MANAGEMENT

Facility generates hazardous waste

DATABASE: Resource Conservation and Recovery Information (RCRAInfo)

D'AMATOS ONE HOUR
53039 ORCHARD PARK ROAD
ORCHARD PARK, NY 14127
EDR ID #1000296656

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	DAMATOS DRY CLEANERS
Facility address:	53039 ORCHARD PARK RD ORCHARD PARK, NY 14127
EPA ID:	NYD981185432
Mailing address:	ORCHARD PARK RD ORCHARD PARK, NY 14127
Contact:	Not reported
Contact address:	ORCHARD PARK RD ORCHARD PARK, NY 14127
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	SALVATORE F DAMATO
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	SALVATORE F DAMATO
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	01/01/2006
Facility name:	DAMATOS DRY CLEANERS
Classification:	Conditionally Exempt Small Quantity Generator

Date form received by agency:	07/14/1999
Facility name:	DAMATOS DRY CLEANERS
Classification:	Small Quantity Generator

Date form received by agency:	03/17/1986
Facility name:	DAMATOS DRY CLEANERS
Classification:	Large Quantity Generator

SECTION 2: FACILITY DETAIL REPORTS

...Continued...

Violation Status: No violations found

MULTIMEDIA

Facility is listed in EPA's index system

DATABASE: Facility Index System (FINDS)

D'AMATOS ONE HOUR
53039 ORCHARD PARK ROAD
ORCHARD PARK, NY 14127
EDR ID #1000296656

This site is listed in the Federal FINDS database. The FINDS database may contain references to records from government databases included elsewhere in the report.
Please note: the FINDS database may also contain references to out of date records formerly associated with the site.

Registry ID:	110004403057
Facility Name:	DAMATOS DRY CLEANERS
Facility Address:	53039 ORCHARD PARK RD ORCHARD PARK, NY 14127
Facility URL:	http://iaspub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110004403057
FIPS:	36029
Fed Facility:	Not reported
Tribal Land:	Not reported
Tribal Name:	Not reported
Congressional District:	27
Hydrologic Unit Code:	04120103
EPA Region:	02
Site Type:	STATIONARY
Date Created:	01-MAR-00
Date Updated:	09-AUG-10
U.S-Mexico Border:	Not reported
Latitude:	42.802953
Longitude:	-78.753996
Horizontal Collection:	ADDRESS MATCHING-HOUSE NUMBER
Horizontal Accuracy:	150
Reference Point:	PLANT ENTRANCE (GENERAL)
Horizontal Datum:	NAD83
Coordinates Source:	Not reported

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Program System ID:	NYD981185432
Program Sys. Name:	RCRAINFO
Env. Interest Type:	UNSPECIFIED UNIVERSE
Env. Interest Start Dt.:	17-MAR-86
Start Date Qualifier:	FIRST NOTIFICATION DATE
Env. Interest End Dt.:	Not reported
End Date Qualifier:	Not reported
Data Source:	RCRAINFO
Active Code:	No

Alternative Name:	DAMATOS DRY CLEANERS

Organization Name:	SALVATORE F DAMATO
Affiliation Type:	OPERATOR
Organization Type:	PRIVATE
DUNS Number:	Not reported
Division Name:	Not reported
Telephone Number:	2125551212
Alternative Number:	Not reported
Fax Number:	Not reported
Email:	Not reported
EIN:	Not reported
State Business ID:	Not reported
Parent Name:	Not reported
Parent DUNS:	Not reported
Mailing Address:	NOT REQUIRED NOT REQUIRED, WY 99999

Organization Name:	SALVATORE F DAMATO
Affiliation Type:	OWNER
Organization Type:	PRIVATE
DUNS Number:	Not reported
Division Name:	Not reported
Telephone Number:	2125551212
Alternative Number:	Not reported

SECTION 2: FACILITY DETAIL REPORTS

...Continued...

Fax Number:	Not reported
Email:	Not reported
EIN:	Not reported
State Business ID:	Not reported
Parent Name:	Not reported
Parent DUNS:	Not reported
Mailing Address:	NOT REQUIRED NOT REQUIRED, WY 99999

MULTIMEDIA

Facility is listed in other database records

DATABASE: Other Database Recrods (OTHER)

D'AMATOS ONE HOUR
53039 ORCHARD PARK ROAD
ORCHARD PARK, NY 14127
EDR ID #1000296656

NY MANIFEST:

EPA ID:	NYD981185432
Country:	USA
Mailing Name:	D'AMATOS ONE HOUR
Mailing Contact:	D'AMATOS ONE HOUR
Mailing Address:	3035 ORCHARD PARK ROAD
Mailing Address 2:	Not reported
Mailing City:	ORCHARD PARK
Mailing State:	NY
Mailing Zip:	14127
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	716-675-1330

Document ID:	NYA5709465
Manifest Status:	Completed copy
Trans1 State ID:	NY
Trans2 State ID:	Not reported
Generator Ship Date:	870128
Trans1 Recv Date:	870128
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	870128
Part A Recv Date:	870130
Part B Recv Date:	870204
Generator EPA ID:	NYD981185432
Trans1 EPA ID:	ILD000805911
Trans2 EPA ID:	Not reported
TSDF ID:	NYD981556541
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00500
Units:	P - Pounds
Number of Containers:	005
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	87

Document ID:	NYA8620367
Manifest Status:	Completed copy
Trans1 State ID:	NY459286M
Trans2 State ID:	Not reported
Generator Ship Date:	871230
Trans1 Recv Date:	871230
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	871230
Part A Recv Date:	880108
Part B Recv Date:	880104
Generator EPA ID:	NYD981185432
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD981556541
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00120
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	87

Document ID:	NYA8702638
Manifest Status:	Completed copy
Trans1 State ID:	NYMJ1781
Trans2 State ID:	Not reported
Generator Ship Date:	880223
Trans1 Recv Date:	880223
Trans2 Recv Date:	Not reported

TSD Site Recv Date: 880223
Part A Recv Date: 880303
Part B Recv Date: 880226
Generator EPA ID: NYD981185432
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD981556541
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00120
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 88

Document ID: NYA8669744
Manifest Status: Completed copy
Trans1 State ID: NY45928GM
Trans2 State ID: Not reported
Generator Ship Date: 880129
Trans1 Recv Date: 880129
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880129
Part A Recv Date: 880204
Part B Recv Date: 880204
Generator EPA ID: NYD981185432
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD981556541
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00135
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 88

Document ID: NYA9079389
Manifest Status: Completed copy
Trans1 State ID: NYMV2217
Trans2 State ID: Not reported
Generator Ship Date: 880916
Trans1 Recv Date: 880916
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880916
Part A Recv Date: 880928
Part B Recv Date: 880920
Generator EPA ID: NYD981185432
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD981556541
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 88

Document ID: NYA8996343
Manifest Status: Completed copy
Trans1 State ID: NYMJ1781
Trans2 State ID: Not reported
Generator Ship Date: 880830
Trans1 Recv Date: 880830
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880830
Part A Recv Date: 880907
Part B Recv Date: 880902
Generator EPA ID: NYD981185432
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD981556541
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00255
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.

Specific Gravity: 100
Year: 88

Document ID: NYA8898761
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NYMV2217
Trans2 State ID: Not reported
Generator Ship Date: 880624
Trans1 Recv Date: 880624
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880624
Part A Recv Date: 880721
Part B Recv Date: 880701
Generator EPA ID: NYD981185432
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD981556541
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00275
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 88

Document ID: NYA9722856
Manifest Status: Completed copy
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 890825
Trans1 Recv Date: 890825
Trans2 Recv Date: Not reported
TSD Site Recv Date: 890830
Part A Recv Date: 890905
Part B Recv Date: 890906
Generator EPA ID: NYD981185432
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD981556541
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: CF - Fiber or plastic boxes, cartons
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 89

Document ID: NYA9786508
Manifest Status: Completed copy
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 891122
Trans1 Recv Date: 891122
Trans2 Recv Date: Not reported
TSD Site Recv Date: 891122
Part A Recv Date: 891127
Part B Recv Date: 891127
Generator EPA ID: NYD981185432
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD981556541
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00140
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 89

Document ID: NYC0054101
Manifest Status: Completed copy

SECTION 2: FACILITY DETAIL REPORTS

...Continued...

Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 900115
Trans1 Recv Date: 900115
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900115
Part A Recv Date: 900123
Part B Recv Date: 900122
Generator EPA ID: NYD981185432
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD981556541
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00275
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 90

Document ID: NYC2089359
Manifest Status: Completed copy
Trans1 State ID: NYGA6403
Trans2 State ID: Not reported
Generator Ship Date: 930111
Trans1 Recv Date: 930111
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930111
Part A Recv Date: 930121
Part B Recv Date: 930121
Generator EPA ID: NYD981185432
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD981556541
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00140
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93

Document ID: NYC2134124
Manifest Status: Completed copy
Trans1 State ID: NYGA6403
Trans2 State ID: Not reported
Generator Ship Date: 930201
Trans1 Recv Date: 930201
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930201
Part A Recv Date: 930210
Part B Recv Date: 930210
Generator EPA ID: NYD981185432
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD981556541
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00135
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93

Document ID: NYC2222256
Manifest Status: Completed copy
Trans1 State ID: NYLC9100
Trans2 State ID: Not reported
Generator Ship Date: 930401
Trans1 Recv Date: 930401
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930401
Part A Recv Date: 930412
Part B Recv Date: 930409
Generator EPA ID: NYD981185432
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD981556541
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV

Quantity: 00140
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93

Document ID: NYC2305214
Manifest Status: Completed copy
Trans1 State ID: NYEM4533
Trans2 State ID: Not reported
Generator Ship Date: 930527
Trans1 Recv Date: 930527
Trans2 Recv Date: Not reported
TSD Site Recv Date: 930527
Part A Recv Date: 930607
Part B Recv Date: 930608
Generator EPA ID: NYD981185432
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD981556541
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00135
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 93

Document ID: NYC3241146
Manifest Status: Completed copy
Trans1 State ID: NYGA6403
Trans2 State ID: Not reported
Generator Ship Date: 940912
Trans1 Recv Date: 940912
Trans2 Recv Date: Not reported
TSD Site Recv Date: 940912
Part A Recv Date: 940921
Part B Recv Date: 940920
Generator EPA ID: NYD981185432
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NYD981556541
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00135
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00070
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 94

Document ID: NYC3356054
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: NYEM4533
Trans2 State ID: Not reported
Generator Ship Date: 941201
Trans1 Recv Date: 941201
Trans2 Recv Date: Not reported
TSD Site Recv Date: 941201
Part A Recv Date: 941212
Part B Recv Date: 950123
Generator EPA ID: NYD981185432
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID: NYD981556541
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00195
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

SECTION 2: FACILITY DETAIL REPORTS

...Continued...

Waste Code:	Not reported
Quantity:	00070
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	94

Document ID:	NYC4103324
Manifest Status:	Completed copy
Trans1 State ID:	NYNA1635
Trans2 State ID:	Not reported
Generator Ship Date:	960521
Trans1 Recv Date:	960521
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960521
Part A Recv Date:	960529
Part B Recv Date:	960610
Generator EPA ID:	NYD981185432
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NYD981556541
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00150
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	96

Document ID:	NYC4836756
Manifest Status:	Completed copy
Trans1 State ID:	NYNA1635
Trans2 State ID:	Not reported
Generator Ship Date:	971003
Trans1 Recv Date:	971003
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	971003
Part A Recv Date:	971023
Part B Recv Date:	971021
Generator EPA ID:	NYD981185432
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NYD981556541
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00090
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	97

Document ID:	NYC4899104
Manifest Status:	Completed copy
Trans1 State ID:	NYIT5466
Trans2 State ID:	Not reported
Generator Ship Date:	971204
Trans1 Recv Date:	971204
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	971204
Part A Recv Date:	971216
Part B Recv Date:	971218
Generator EPA ID:	NYD981185432
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NYD981556541
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00150
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	97

Document ID:	NYC5028377
Manifest Status:	Not reported
Trans1 State ID:	ILD984908202

Trans2 State ID:	Not reported
Generator Ship Date:	03/27/1998
Trans1 Recv Date:	03/27/1998
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/27/1998
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD981185432
Trans1 EPA ID:	NYD981556541
Trans2 EPA ID:	Not reported
TSDF ID:	NYNA1635
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	98

The NY_MANIFEST: database contains 144 additional records for this site.
Please contact your EDR Account Executive for more information.

SECTION 3: DATABASES AND UPDATE DATES

To maintain currency of the following federal, state and local databases, EDR contacts the appropriate government agency on a monthly or quarterly basis as required.

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

DATABASES FOUND IN THIS REPORT

FINDS: Facility Index System/Facility Registry System
Source: EPA
Telephone: Not reported
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 03/08/2013
Database Release Frequency: Quarterly
Date of Last EDR Contact: 09/11/2013
Date of Next Scheduled Update: 12/23/2013

RCRA NonGen / NLR: RCRA - Non Generators
Source: Environmental Protection Agency
Telephone: 703-308-8895
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 07/11/2013
Database Release Frequency: Varies
Date of Last EDR Contact: 10/02/2013
Date of Next Scheduled Update: 01/13/2014

NY MANIFEST: Facility and Manifest Data
Source: Department of Environmental Conservation
Telephone: 518-402-8651
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2013
Database Release Frequency: Annually
Date of Last EDR Contact: 08/07/2013
Date of Next Scheduled Update: 11/18/2013

Commercial Plaza
3021 Orchard Park Rd
Orchard Park, NY 14127

Inquiry Number: 3749026.2s
October 04, 2013

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

3021 ORCHARD PARK RD
ORCHARD PARK, NY 14127

COORDINATES

Latitude (North):	42.8034000 - 42° 48' 12.24''
Longitude (West):	78.7541000 - 78° 45' 14.76''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	683651.0
UTM Y (Meters):	4741215.0
Elevation:	716 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	42078-G7 BUFFALO SE, NY
Most Recent Revision:	1965
East Map:	42078-G6 ORCHARD PARK, NY
Most Recent Revision:	1965

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	2011
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL---------- National Priority List

EXECUTIVE SUMMARY

Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

CERCLIS ---------- Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY ---------- Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP ---------- CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal institutional controls / engineering controls registries

US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls
LUCIS ---------- Land Use Control Information System

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS ---------- Inactive Hazardous Waste Disposal Sites in New York State
VAPOR REOPENED ---------- Vapor Intrusion Legacy Site List

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ---------- Facility Register

State and tribal leaking storage tank lists

HIST LTANKS ---------- Listing of Leaking Storage Tanks
INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

TANKS ---------- Storage Tank Faciliy Listing
CBS UST ---------- Chemical Bulk Storage Database
MOSF UST ---------- Major Oil Storage Facilities Database
MOSF AST ---------- Major Oil Storage Facilities Database
MOSF ---------- Major Oil Storage Facility Site Listing

INDIAN UST ---- Underground Storage Tanks on Indian Land
FEMA UST ---- Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

ENG CONTROLS ---- Registry of Engineering Controls
INST CONTROL ---- Registry of Institutional Controls
RES DECL ---- Restrictive Declarations Listing

State and tribal voluntary cleanup sites

INDIAN VCP ---- Voluntary Cleanup Priority Listing
VCP ---- Voluntary Cleanup Agreements

State and tribal Brownfields sites

ERP ---- Environmental Restoration Program Listing
BROWNFIELDS ---- Brownfields Site List

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---- Open Dump Inventory
SWRCY ---- Registered Recycling Facility List
SWTIRE ---- Registered Waste Tire Storage & Facility List
INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ---- Clandestine Drug Labs
DEL SHWS ---- Delisted Registry Sites
US HIST CDL ---- National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

HIST UST ---- Historical Petroleum Bulk Storage Database
HIST AST ---- Historical Petroleum Bulk Storage Database

Local Land Records

LIENS 2 ---- CERCLA Lien Information
LIENS ---- Spill Liens Information

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System
NY Hist Spills ---- SPILLS Database

Other Ascertainable Records

RCRA NonGen / NLR ---- RCRA - Non Generators

DOT OPS	Incident and Accident Data
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
US MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
RMP	Risk Management Plans
HSWDS	Hazardous Substance Waste Disposal Site Inventory
UIC	Underground Injection Control Wells
SPDES	State Pollutant Discharge Elimination System
AIRS	Air Emissions Data
E DESIGNATION	E DESIGNATION SITE LISTING
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
COAL ASH	Coal Ash Disposal Site Listing
PRP	Potentially Responsible Parties
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
Financial Assurance	Financial Assurance Information Listing
LEAD SMELTERS	Lead Smelter Sites
2020 COR ACTION	2020 Corrective Action Program List
US AIRS	Aerometric Information Retrieval System Facility Subsystem
PCB TRANSFORMER	PCB Transformer Registration Database
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
COAL ASH DOE	Steam-Electric Plant Operation Data

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 07/11/2013 has revealed that there is 1 RCRA-LQG site within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CVS PHARMACY #0533	3031 ORCHARD PARK ROAD	S 0 - 1/8 (0.007 mi.)	B4	33

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 07/11/2013 has revealed that there is 1 RCRA-SQG site within approximately 0.125 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
D AMATOS CLEANERS INC	***6471 MICHAEL RD***	***ENE 0 - 1/8 (0.002 mi.)***	***A1***	***8***

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 07/11/2013 has revealed that there are 2 RCRA-CESQG sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TOWNE LINCOLN-MERCURY INC	***3050 ORCHARD PARK RD***	***SSE 0 - 1/8 (0.020 mi.)***	***B6***	***39***
RITE AID #4969	3050 UNION RD	E 0 - 1/8 (0.048 mi.)	D16	67

State and tribal leaking storage tank lists

LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking

underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the LTANKS list, as provided by EDR, and dated 08/19/2013 has revealed that there are 7 LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
U-HAUL Spill Number/Closed Date: 9712602 / 4/20/1998	3120 ORCHARD PARK ROAD	SSE 1/8 - 1/4 (0.168 mi.)	E22	85
AUSTIN PONTIAC Spill Number/Closed Date: 8808151 / 8/22/1991	UNION AND ORCHARD PARK	SSE 1/8 - 1/4 (0.237 mi.)	F27	91
DELTA SONIC ORCHARD PARK Spill Number/Closed Date: 0550112 / 5/25/2005	***3205 ORCHARD PARK RD***	***SSE 1/4 - 1/2 (0.318 mi.)***	***G33***	***99***
MOBIL OIL CORP SS 454 Spill Number/Closed Date: 9110060 / 12/23/1991 Spill Number/Closed Date: 9201626 / 5/15/1992	***3225 ORCHARD PARK RD***	***SSE 1/4 - 1/2 (0.349 mi.)***	***35***	***113***
MOBIL OIL Spill Number/Closed Date: 9002352 / 5/31/1990	3225 SOUTHWESTERN BLVD	SE 1/4 - 1/2 (0.377 mi.)	36	123
PENSKE AUTO CENTER Spill Number/Closed Date: 9008606 / 9/6/1991	***S 3195 SOUTHWESTERN BLV***	***SE 1/4 - 1/2 (0.389 mi.)***	***H39***	***128***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER WALKER SERVICE Spill Number/Closed Date: 9406100 / 6/9/1995	***3008 UNION ROAD***	***ENE 0 - 1/8 (0.045 mi.)***	***D13***	***60***

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the UST list, as provided by EDR, and dated 08/07/2013 has revealed that there are 2 UST sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TOWNE LINCOLN-MERCURY	3050 ORCHARD PARK RD	SSE 0 - 1/8 (0.020 mi.)	B9	55

Lower Elevation	Address	Direction / Distance	Map ID	Page
WALKER'S SERVICE	UNION & MICHAEL RDS	ENE 0 - 1/8 (0.048 mi.)	D19	78

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the AST list, as provided by EDR, and dated 08/07/2013 has revealed that there are 2 AST sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TOWNE LINCOLN-MERCURY	3050 ORCHARD PARK RD	SSE 0 - 1/8 (0.020 mi.)	B7	50
AUSTIN PONTIAC, INC	3050 UNION RD. @ ORCHAR	SE 0 - 1/8 (0.048 mi.)	18	73

EXECUTIVE SUMMARY

CBS AST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the CBS AST list, as provided by EDR, and dated 01/01/2002 has revealed that there is 1 CBS AST site within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BALLY MATRIX FITNESS	***55 WEISS RD***	***SSW 0 - 1/8 (0.088 mi.)***	***21***	***84***

CBS: These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

A review of the CBS list, as provided by EDR, and dated 08/07/2013 has revealed that there is 1 CBS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BALLY MATRIX FITNESS	***55 WEISS RD***	***SSW 0 - 1/8 (0.088 mi.)***	***21***	***84***

ADDITIONAL ENVIRONMENTAL RECORDS

Records of Emergency Release Reports

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 08/19/2013 has revealed that there are 24 NY Spills sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
STEPHERSON'S RENTAL INC. Spill Number/Closed Date: 8805351 / 9/21/1988 Spill Number/Closed Date: 0612427 / 3/8/2007	3026 ORCHARD PARK ROAD	SW 0 - 1/8 (0.009 mi.)	B5	37
TOWN LINCOLN MERCURY Spill Number/Closed Date: 9705746 / 6/15/1998 Spill Number/Closed Date: 0651390 / 1/3/2007	3050 ORCHARD PARK ROAD	SSE 0 - 1/8 (0.020 mi.)	B8	52
CHINESE RESTAURANT Spill Number/Closed Date: 0806930 / 9/30/2008	1779 ORCHARD PARK RD	NW 0 - 1/8 (0.038 mi.)	C11	57
ROADSIDE Spill Number/Closed Date: 0550536 / 7/1/2005	1777 ORCHARD PARK ROAD	NW 0 - 1/8 (0.040 mi.)	C12	58
MOLINO'S PIZZA Spill Number/Closed Date: 9505778 / 8/10/1995 Spill Number/Closed Date: 0551816 / 7/13/2007	3020 UNION ROAD	E 0 - 1/8 (0.048 mi.)	D15	65
NATIONAL FUEL GAS LINE Spill Number/Closed Date: 0075493 / 1/25/2005	UNION & MICHAEL STS	ENE 0 - 1/8 (0.053 mi.)	D20	81
U HAUL Spill Number/Closed Date: 8708463 / 1/5/1988	3120 ORCHARD PARK ROAD	SSE 1/8 - 1/4 (0.172 mi.)	E23	87

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ROAD RECONSTRUCTION Spill Number/Closed Date: 0551775 / 3/21/2006	SR 240 AND SR 277	SSE 1/8 - 1/4 (0.207 mi.)	E24	88
DRUM AT ARDOVINI HOUSE Spill Number/Closed Date: 9700833 / 2/2/1999	1680 ORCHARD PARK ROAD	NW 1/8 - 1/4 (0.209 mi.)	25	89
PILOT FREIGHT Spill Number/Closed Date: 8601337 / 9/5/1986	UNION & ORCHARD PARK RD	SSE 1/8 - 1/4 (0.237 mi.)	F28	93
MILKY SUBSTANCE Spill Number/Closed Date: 0275193 / 7/24/2002	266 UNION ROAD	NNE 1/4 - 1/2 (0.298 mi.)	30	95
EUGENE L. TUERK Spill Number/Closed Date: 8605718 / 1/7/1987	3193 ORCHARD PARK ROAD	SSE 1/4 - 1/2 (0.300 mi.)	G31	96
DELTA SONIC Spill Number/Closed Date: 0751023 / 11/18/2008	3203 ORCHARD PARK ROAD	SSE 1/4 - 1/2 (0.315 mi.)	G32	97
DELTA SONIC ORCHARD PARK Spill Number/Closed Date: 9907918 / 9/30/1999 Spill Number/Closed Date: 9512293 / 1/4/1996	***3205 ORCHARD PARK RD***	***SSE 1/4 - 1/2 (0.318 mi.)***	***G33***	***99***
CUSTOM TOPSOIL COMPANY Spill Number/Closed Date: 8906494 / 10/2/1989	CREEKSIDE DRIVE	SSW 1/4 - 1/2 (0.338 mi.)	34	112
MOBIL OIL CORP SS 454 Spill Number/Closed Date: 0506876 / 1/9/2007 Spill Number/Closed Date: 9205079 / 8/4/1992 Spill Number/Closed Date: 0202368 / 9/8/2003 Spill Number/Closed Date: 9001862 / 11/21/1991 Spill Number/Closed Date: 9801808 / 5/12/1998 **Additional key fields are available in the Map Findings section*	***3225 ORCHARD PARK RD***	***SSE 1/4 - 1/2 (0.349 mi.)***	***35***	***113***
DELTA SONIC Spill Number/Closed Date: 9809447 / 1/13/1999	SOUTHWESTERN BLVD	SSE 1/4 - 1/2 (0.385 mi.)	37	125
TOP'S STORE # 108 Spill Number/Closed Date: 0485533 / 3/4/2005	3201 SOUTHWESTERN BLVD.	SE 1/4 - 1/2 (0.385 mi.)	H38	126
SMOKE CREEK Spill Number/Closed Date: 8602031 / 8/5/1986	6375 LAKE AVE.	S 1/4 - 1/2 (0.436 mi.)	40	131

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER WALKER SERVICE Spill Number/Closed Date: 1001073 / 11/10/2010	***3008 UNION ROAD***	***ENE 0 - 1/8 (0.045 mi.)***	***D13***	***60***
BLUE COLOR IN CAZ CREEK Spill Number/Closed Date: 9803132 / 7/30/1998	UNION ROAD & MICHAEL ST	ENE 0 - 1/8 (0.045 mi.)	D14	64
DRAINAGE CREEK/DELTA SONI Spill Number/Closed Date: 0075578 / 3/28/2001	216 UNION ROAD	NNE 1/8 - 1/4 (0.212 mi.)	26	90
OILY SHEEN IN YARD Spill Number/Closed Date: 0475207 / 7/22/2004	139 DOVER DR.	WNW 1/4 - 1/2 (0.251 mi.)	29	94
BANK OF SMOKES CREEK Spill Number/Closed Date: 9001649 / 1/31/1991	MINDEN DRIVE	WSW 1/4 - 1/2 (0.449 mi.)	41	132

Subject property

Other Ascertainable Records

MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the MANIFEST list, as provided by EDR, and dated 08/01/2013 has revealed that there are 4 MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CVS #0533	3031 ORCHARD PARK ROAD	S 0 - 1/8 (0.007 mi.)	B3	20
TOWNE LINCOLN-MERCURY INC	***3050 ORCHARD PARK RD***	***SSE 0 - 1/8 (0.020 mi.)***	***B6***	***39***
RITE AID #4969	3050 UNION RD	E 0 - 1/8 (0.048 mi.)	D17	69

Lower Elevation	Address	Direction / Distance	Map ID	Page
D AMATOS CLEANERS INC	***6471 MICHAEL RD***	***ENE 0 - 1/8 (0.002 mi.)***	***A1***	***8***

DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the DRYCLEANERS list, as provided by EDR, and dated 07/18/2013 has revealed that there are 2 DRYCLEANERS sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
D'AMATO'S DRY CLEANERS	S-3035 ORCHARD PARK ROA	SSE 0 - 1/8 (0.024 mi.)	B10	57

Lower Elevation	Address	Direction / Distance	Map ID	Page
D'AMATO'S CLEANERS	6471 MICHAEL ROAD	ENE 0 - 1/8 (0.002 mi.)	A2	19

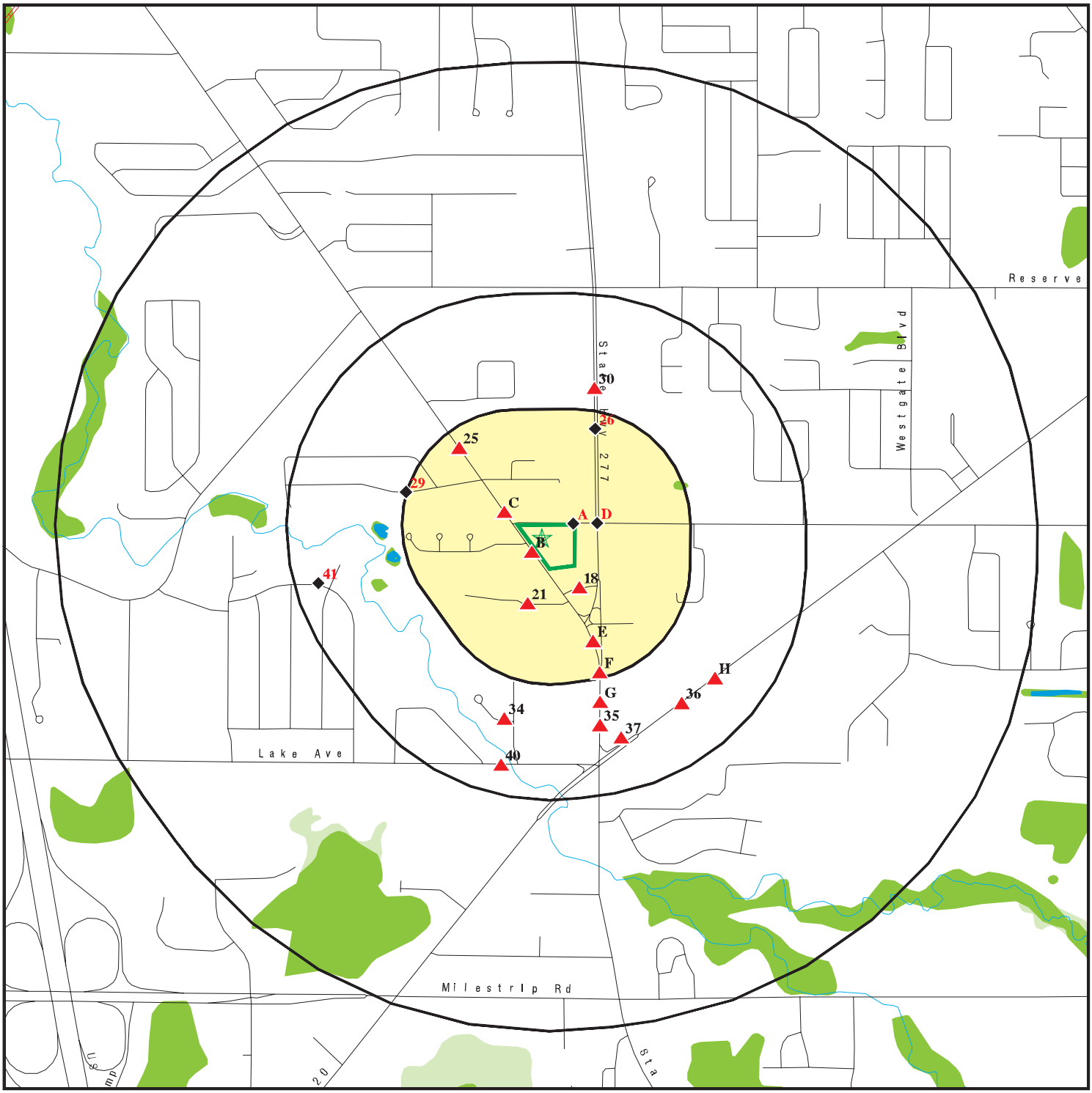
Subject property

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 24 records.

Site Name	Database(s)
NYNEX	TANKS, HIST UST, HIST AST
LACKAWANNA BUSINESS PARK	ERP, INST CONTROL
NYSDOT LANDSCAPE BIN 1062921	RCRA-CESQG, FINDS, MANIFEST
NYSDOT LANDSCAPE BIN 1062922	RCRA-CESQG, FINDS, MANIFEST
NYSDOT	RCRA-CESQG, FINDS, MANIFEST
NYS DOT LANDSCAPING BIN 1092220	RCRA-CESQG, FINDS, MANIFEST
D'AMATOS ONE HOUR	RCRA NonGen / NLR, FINDS, MANIFEST
NYS DOT	RCRA NonGen / NLR, FINDS, MANIFEST
AUSTIN PONTIAC	RCRA NonGen / NLR, FINDS, MANIFEST
MILL STREET PROPERTY	SHWS
STEELAWANNA #2	SHWS
ALBRIGHT COURT PROPERTY	SHWS
GREAT LAKES MDF	SWF/LF
BUFFALO BIOENERGY	SWF/LF
TRAFFIC ACCIDENT	NY Spills
SPILLAGE TO ROADWAY	NY Spills
STORM DRAIN	NY Spills
OIL ON ROAD	NY Spills
W.C. MCQUAID	NY Spills
DRUM AT CHESTNUT RIDGE	NY Spills
ROAD WAY	NY Spills
MEDICAL WASTE	NY Spills
NYSDOT PROJECT	NY Spills
DELTA SONIC	NY Spills

OVERVIEW MAP - 3749026.2s



0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Commercial Plaza ADDRESS: 3021 Orchard Park Rd Orchard Park NY 14127 LAT/LONG: 42.8034 / 78.7541	CLIENT: LCS, Inc CONTACT: Stephanie Laplaca INQUIRY #: 3749026.2s DATE: October 04, 2013 3:36 pm

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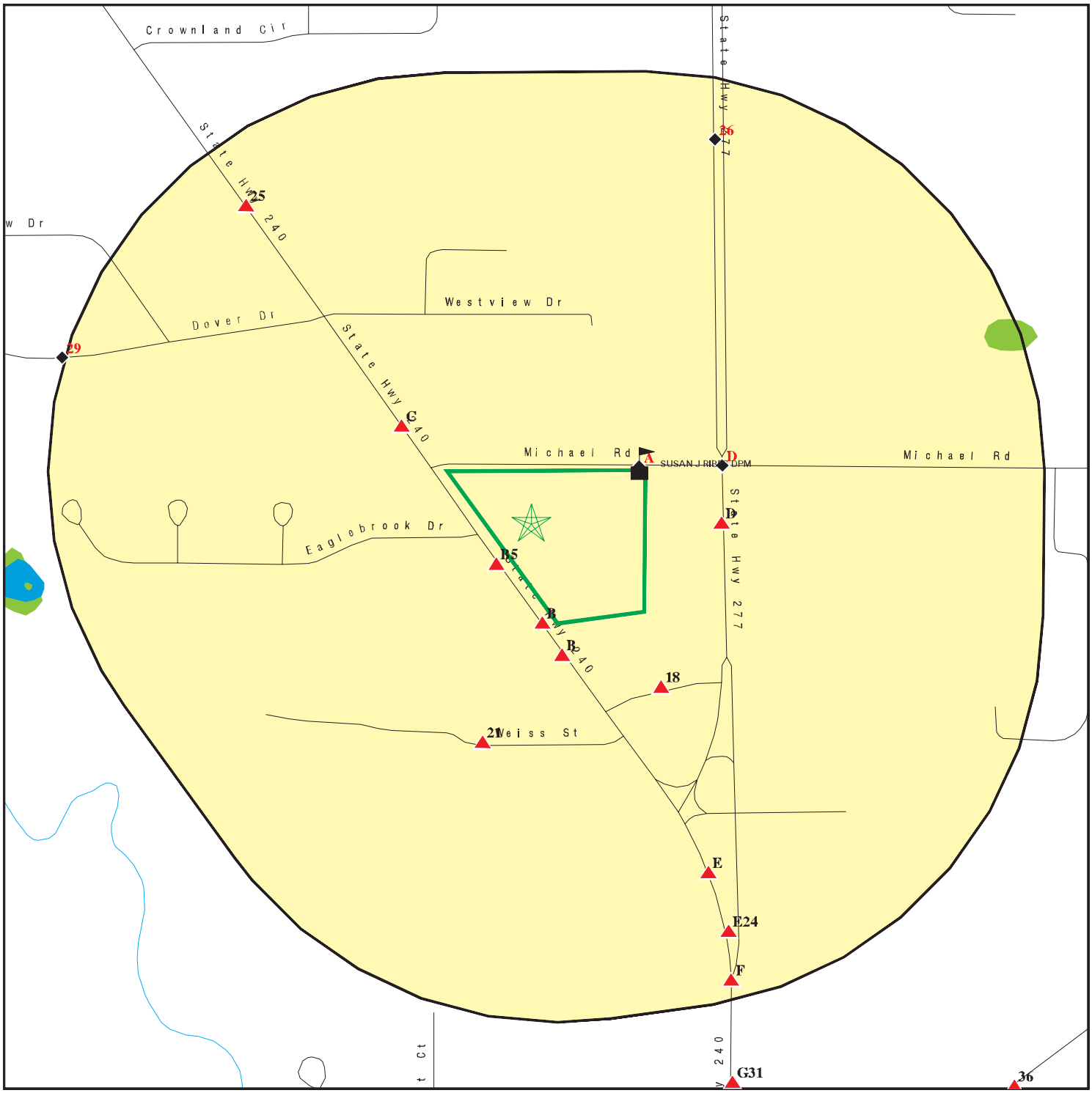
DETAIL MAP - 3749026.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Commercial Plaza	CLIENT:	LCS, Inc
ADDRESS:	3021 Orchard Park Rd Orchard Park NY 14127	CONTACT:	Stephanie Laplaca
		INQUIRY #:	3749026.2s
LAT/LONG:	42.8034 / 78.7541	DATE:	October 04, 2013 3:38 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	1.000		0	0	0	0	NR	0
Federal RCRA generators list								
RCRA-LQG	0.125		1	NR	NR	NR	NR	1
RCRA-SQG	0.125		1	NR	NR	NR	NR	1
RCRA-CESQG	0.125		2	NR	NR	NR	NR	2
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	TP		NR	NR	NR	NR	NR	0
US INST CONTROL	TP		NR	NR	NR	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS	1.000		0	0	0	0	NR	0
VAPOR REOPENED	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LTANKS	0.500		1	2	4	NR	NR	7
HIST LTANKS	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
State and tribal registered storage tank lists								
TANKS	0.250		0	0	NR	NR	NR	0
UST	0.125		2	NR	NR	NR	NR	2
CBS UST	0.125		0	NR	NR	NR	NR	0
MOSF UST	0.125		0	NR	NR	NR	NR	0
AST	0.125		2	NR	NR	NR	NR	2
CBS AST	0.125		1	NR	NR	NR	NR	1
MOSF AST	0.125		0	NR	NR	NR	NR	0
MOSF	0.500		0	0	0	NR	NR	0
CBS	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.125		0	NR	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	TP		NR	NR	NR	NR	NR	0
INST CONTROL	TP		NR	NR	NR	NR	NR	0
RES DECL	0.180		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
ERP	0.500		0	0	0	NR	NR	0
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	TP		NR	NR	NR	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
HIST UST	0.125		0	NR	NR	NR	NR	0
HIST AST	0.125		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.500		8	5	11	NR	NR	24
NY Hist Spills	0.500		0	0	0	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.125		0	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	TP		NR	NR	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
HSWDS	0.500		0	0	0	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		4	0	NR	NR	NR	4
DRYCLEANERS	0.125		2	NR	NR	NR	NR	2
SPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
E DESIGNATION	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
ENE
< 1/8
0.002 mi.
11 ft.

D AMATOS CLEANERS INC
6471 MICHAEL RD
ORCHARD PARK, NY 14127

Site 1 of 2 in cluster A

RCRA-SQG **1007112534**
MANIFEST **NYR000118109**

Relative:
Lower

Actual:
711 ft.

RCRA-SQG:

Date form received by agency:	01/01/2007
Facility name:	D AMATOS CLEANERS INC
Facility address:	6471 MICHAEL RD ORCHARD PARK, NY 14127
EPA ID:	NYR000118109
Mailing address:	MICHAEL RD ORCHARD PARK, NY 14127
Contact:	MICHAEL A D AMATO
Contact address:	MICHAEL RD ORCHARD PARK, NY 14127
Contact country:	US
Contact telephone:	(716) 675-1300
Contact email:	Not reported
EPA Region:	02
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	MICHAEL A D AMATO
Owner/operator address:	MICHAEL RD ORCHARD PARK, NY 14127
Owner/operator country:	US
Owner/operator telephone:	(716) 675-1330
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	05/12/2003
Owner/Op end date:	Not reported

Owner/operator name:	MICHAEL A D AMATO
Owner/operator address:	MICHAEL RD ORCHARD PARK, NY 14127
Owner/operator country:	US
Owner/operator telephone:	(716) 675-1330
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	05/12/2003
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

D AMATOS CLEANERS INC (Continued) **1007112534**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: D AMATOS CLEANERS INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 09/11/2003
Facility name: D AMATOS CLEANERS INC
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:
EPA ID: NYR000118109
Country: USA
Mailing Name: D AMATOS DRY CLEANERS
Mailing Contact: MICHAEL D AMATO
Mailing Address: 6471 MICHAEL RD
Mailing Address 2: Not reported
Mailing City: ORCHARD PARK
Mailing State: NY
Mailing Zip: 14127
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 716-675-1330

Document ID: NYC7263977
Manifest Status: Not reported
Trans1 State ID: NYNA1635
Trans2 State ID: 502130885
Generator Ship Date: 03/12/2004
Trans1 Recv Date: 03/12/2004
Trans2 Recv Date: 03/19/2004
TSD Site Recv Date: 03/22/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000118109
Trans1 EPA ID: TXR000050930
Trans2 EPA ID: Not reported
TSDF ID: OHD980587
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00150
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2004

D AMATOS CLEANERS INC (Continued) **1007112534**

Document ID:	NYC7266532
Manifest Status:	Not reported
Trans1 State ID:	NYNA1635
Trans2 State ID:	Not reported
Generator Ship Date:	05/21/2004
Trans1 Recv Date:	05/21/2004
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/08/2004
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000118109
Trans1 EPA ID:	TXR000050930
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00150
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2004

Document ID:	NYC7270727
Manifest Status:	Not reported
Trans1 State ID:	NYNA1635
Trans2 State ID:	T367DANJ
Generator Ship Date:	02/13/2004
Trans1 Recv Date:	02/13/2004
Trans2 Recv Date:	02/23/2004
TSD Site Recv Date:	02/24/2004
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000118109
Trans1 EPA ID:	TXR000050930
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00150
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2004

Document ID:	NYC7339342
Manifest Status:	Not reported
Trans1 State ID:	NYNA1635
Trans2 State ID:	Not reported
Generator Ship Date:	04/21/2004
Trans1 Recv Date:	04/21/2004
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/05/2004
Part A Recv Date:	Not reported

D AMATOS CLEANERS INC (Continued) **1007112534**

Part B Recv Date: Not reported
Generator EPA ID: NYR000118109
Trans1 EPA ID: TXR000050930
Trans2 EPA ID: Not reported
TSDF ID: OHD980587
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00150
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2004

Document ID: NYC7366590
Manifest Status: Not reported
Trans1 State ID: NYC10826J
Trans2 State ID: T22L8DNJ
Generator Ship Date: 09/24/2004
Trans1 Recv Date: 09/24/2004
Trans2 Recv Date: 10/06/2004
TSD Site Recv Date: 10/07/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000118109
Trans1 EPA ID: TXR000050930
Trans2 EPA ID: Not reported
TSDF ID: OHD980587
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00150
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Year: 2004

Document ID: NYC7383396
Manifest Status: Not reported
Trans1 State ID: NYC10826J
Trans2 State ID: Not reported
Generator Ship Date: 10/11/2004
Trans1 Recv Date: 10/11/2004
Trans2 Recv Date: 10/27/2004
TSD Site Recv Date: 10/28/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000118109
Trans1 EPA ID: TXR000050930
Trans2 EPA ID: Not reported
TSDF ID: OHD980587
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00094
Units: P - Pounds
Number of Containers: 001

D AMATOS CLEANERS INC (Continued) **1007112534**

Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2004

Document ID:	NYC7402015
Manifest Status:	Not reported
Trans1 State ID:	NYNA1635
Trans2 State ID:	ORHQ02683
Generator Ship Date:	08/24/2004
Trans1 Recv Date:	08/24/2004
Trans2 Recv Date:	09/07/2004
TSD Site Recv Date:	09/08/2004
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000118109
Trans1 EPA ID:	TXR000050930
Trans2 EPA ID:	Not reported
TSDF ID:	OHD980587
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00150
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	2004

Document ID:	06
Manifest Status:	000425413SKS
Trans1 State ID:	NYR000118109
Trans2 State ID:	Not reported
Generator Ship Date:	OHD980587364
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not reported
Part A Recv Date:	NJD071629976
Part B Recv Date:	2007-01-10
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	1
Number of Containers:	DF
Container Type:	70
Handling Method:	P
Specific Gravity:	1
Waste Code:	R
Quantity:	D040
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported

D AMATOS CLEANERS INC (Continued) **1007112534**

Specific Gravity:	Not reported
Year:	Not reported

Document ID:	06
Manifest Status:	000948902JJK
Trans1 State ID:	NYR000118109
Trans2 State ID:	Not reported
Generator Ship Date:	OHD980587364
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not reported
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	2
Number of Containers:	DF
Container Type:	100
Handling Method:	P
Specific Gravity:	1
Waste Code:	R
Quantity:	D040
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	06
Manifest Status:	001037382JJK
Trans1 State ID:	NYR000118109
Trans2 State ID:	Not reported
Generator Ship Date:	OHD980587364
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not reported
Part A Recv Date:	NJD071629976
Part B Recv Date:	2006-09-15
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	1
Number of Containers:	DF
Container Type:	70
Handling Method:	P
Specific Gravity:	1
Waste Code:	R

D AMATOS CLEANERS INC (Continued) **1007112534**

Quantity:	D040
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	06
Manifest Status:	NYC7644813
Trans1 State ID:	NYR000118109
Trans2 State ID:	Not reported
Generator Ship Date:	OHD980587364
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not reported
Part A Recv Date:	NJD971629976
Part B Recv Date:	2006-05-24
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	1
Number of Containers:	DF
Container Type:	75
Handling Method:	P
Specific Gravity:	0.39
Waste Code:	B
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	06
Manifest Status:	NYC7735612
Trans1 State ID:	NYR000118109
Trans2 State ID:	Not reported
Generator Ship Date:	OHD980587364
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not reported
Part A Recv Date:	NJD071629976
Part B Recv Date:	2006-02-13
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	1

D AMATOS CLEANERS INC (Continued) **1007112534**

Number of Containers:	DM
Container Type:	100
Handling Method:	P
Specific Gravity:	1
Waste Code:	B
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	06
Manifest Status:	NYC7737827
Trans1 State ID:	NYR000118109
Trans2 State ID:	Not reported
Generator Ship Date:	OHD980587364
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not reported
Part A Recv Date:	NJD471629976
Part B Recv Date:	2006-03-24
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	2
Number of Containers:	DF
Container Type:	200
Handling Method:	P
Specific Gravity:	1
Waste Code:	B
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	06
Manifest Status:	NYC7782480
Trans1 State ID:	NYR000118109
Trans2 State ID:	Not reported
Generator Ship Date:	OHD980587364
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not reported
Part A Recv Date:	NJ334
Part B Recv Date:	2006-01-20
Generator EPA ID:	N
Trans1 EPA ID:	N

D AMATOS CLEANERS INC (Continued) **1007112534**

Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	1
Number of Containers:	DF
Container Type:	120
Handling Method:	P
Specific Gravity:	1
Waste Code:	B
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	06
Manifest Status:	NYC7794011
Trans1 State ID:	NYR000118109
Trans2 State ID:	Not reported
Generator Ship Date:	OHD980587364
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not reported
Part A Recv Date:	NJD071629976
Part B Recv Date:	2006-06-21
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	1
Number of Containers:	DF
Container Type:	100
Handling Method:	P
Specific Gravity:	1
Waste Code:	B
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	06
Manifest Status:	NYC7800175
Trans1 State ID:	NYR000118109
Trans2 State ID:	Not reported
Generator Ship Date:	OHD980587364
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	TXR000050930

D AMATOS CLEANERS INC (Continued) **1007112534**

TSD Site Recv Date:	Not reported
Part A Recv Date:	NJD071629976
Part B Recv Date:	2006-05-02
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	1
Number of Containers:	DF
Container Type:	100
Handling Method:	P
Specific Gravity:	1
Waste Code:	B
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	06
Manifest Status:	NYC7818006
Trans1 State ID:	NYR000118109
Trans2 State ID:	Not reported
Generator Ship Date:	OHD980587364
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not reported
Part A Recv Date:	NJD071629976
Part B Recv Date:	2006-08-21
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	1
Number of Containers:	DF
Container Type:	70
Handling Method:	P
Specific Gravity:	1
Waste Code:	B
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	06
Manifest Status:	NYC7826016

D AMATOS CLEANERS INC (Continued) **1007112534**

Trans1 State ID:	NYR000118109
Trans2 State ID:	Not reported
Generator Ship Date:	OHD980587364
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not reported
Part A Recv Date:	NJD071629976
Part B Recv Date:	2006-07-24
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	1
Number of Containers:	DF
Container Type:	70
Handling Method:	P
Specific Gravity:	1
Waste Code:	B
Quantity:	Not reported
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Document ID:	07
Manifest Status:	000313312SKS
Trans1 State ID:	NYR000118109
Trans2 State ID:	Not reported
Generator Ship Date:	OHD980587364
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not reported
Part A Recv Date:	NJD071629976
Part B Recv Date:	2007-05-25
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	1
Number of Containers:	DF
Container Type:	70
Handling Method:	P
Specific Gravity:	1
Waste Code:	R
Quantity:	D040
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported

D AMATOS CLEANERS INC (Continued) **1007112534**

Year:	Not reported
Document ID:	07
Manifest Status:	000368726SKS
Trans1 State ID:	NYR000118109
Trans2 State ID:	Not reported
Generator Ship Date:	OHD980587364
Trans1 Recv Date:	Not reported
Trans2 Recv Date:	TXR000050930
TSD Site Recv Date:	Not reported
Part A Recv Date:	NJD071629976
Part B Recv Date:	2007-02-28
Generator EPA ID:	N
Trans1 EPA ID:	N
Trans2 EPA ID:	N
TSDF ID:	N
Waste Code:	N
Quantity:	Not reported
Units:	1
Number of Containers:	DF
Container Type:	70
Handling Method:	P
Specific Gravity:	1
Waste Code:	R
Quantity:	D040
Units:	Not reported
Number of Containers:	Not reported
Container Type:	Not reported
Handling Method:	Not reported
Specific Gravity:	Not reported
Year:	Not reported

Click this hyperlink while viewing on your computer to access
58 additional NY_MANIFEST: record(s) in the EDR Site Report.

A2 **D'AMATO'S CLEANERS** **DRYCLEANERS** **S110246347**
ENE **6471 MICHAEL ROAD** **N/A**
< 1/8 **ORCHARD PARK, NY 14127**
0.002 mi.
11 ft. **Site 2 of 2 in cluster A**

Relative:
Lower

Actual:
711 ft.

DRYCLEANERS:

Facility ID:	9-1460-00157
Phone Number:	716-675-1330
Region:	Not reported
Registration Effective Date:	6/24/2003 13:26:06:776
Inspection Date:	08JAN22
Install Date:	03
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	Not reported
Current Business:	Not reported

B3
South
< 1/8
0.007 mi.
38 ft.

CVS #0533 **MANIFEST** **S111437971**
3031 ORCHARD PARK ROAD **N/A**
ORCHARD PARK, NY 14127

Site 1 of 8 in cluster B

Relative:
Higher

Actual:
718 ft.

NY MANIFEST:

EPA ID:	NYR000188060
Country:	USA
Mailing Name:	CVS #0533
Mailing Contact:	CVS #533
Mailing Address:	3031 ORCHARD PARK ROAD
Mailing Address 2:	Not reported
Mailing City:	ORCHARD PARK
Mailing State:	NY
Mailing Zip:	14127
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Trans2 State ID:	NJD054126164
Generator Ship Date:	2011-10-06
Trans1 Recv Date:	2011-10-06
Trans2 Recv Date:	2011-10-12
TSD Site Recv Date:	2011-10-26
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000188060
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	6.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	004970224FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported

CVS #0533 (Continued) **S111437971**

Trans1 State ID:	MNS000110924
Trans2 State ID:	NJD054126164
Generator Ship Date:	2011-10-06
Trans1 Recv Date:	2011-10-06
Trans2 Recv Date:	2011-10-12
TSD Site Recv Date:	2011-10-26
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000188060
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	1.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	004970224FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Trans2 State ID:	NJD054126164
Generator Ship Date:	2011-10-06
Trans1 Recv Date:	2011-10-06
Trans2 Recv Date:	2011-10-12
TSD Site Recv Date:	2011-10-26
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000188060
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	15.0
Units:	P - Pounds
Number of Containers:	2.0
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	004970224FLE

CVS #0533 (Continued) **S111437971**

Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Trans2 State ID:	NJD054126164
Generator Ship Date:	2011-10-06
Trans1 Recv Date:	2011-10-06
Trans2 Recv Date:	2011-10-12
TSD Site Recv Date:	2011-10-26
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000188060
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	3.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2011
Manifest Tracking Num:	004970224FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Trans2 State ID:	NJD054126164
Generator Ship Date:	2012-06-28
Trans1 Recv Date:	2012-06-28
Trans2 Recv Date:	2012-07-06
TSD Site Recv Date:	2012-07-11

CVS #0533 (Continued) **S111437971**

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000188060
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	18.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	005196374FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Trans2 State ID:	NJD054126164
Generator Ship Date:	2012-06-28
Trans1 Recv Date:	2012-06-28
Trans2 Recv Date:	2012-07-06
TSD Site Recv Date:	2012-07-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000188060
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	18.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	005196374FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N

CVS #0533 (Continued) **S111437971**

Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Trans2 State ID:	NJD054126164
Generator Ship Date:	2012-06-28
Trans1 Recv Date:	2012-06-28
Trans2 Recv Date:	2012-07-06
TSD Site Recv Date:	2012-07-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000188060
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	2.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	005196374FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Trans2 State ID:	NJD054126164
Generator Ship Date:	2012-06-28
Trans1 Recv Date:	2012-06-28
Trans2 Recv Date:	2012-07-06
TSD Site Recv Date:	2012-07-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000188060
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197

CVS #0533 (Continued) **S111437971**

Waste Code:	Not reported
Quantity:	2.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	005196374FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Trans2 State ID:	NJD054126164
Generator Ship Date:	2012-06-28
Trans1 Recv Date:	2012-06-28
Trans2 Recv Date:	2012-07-06
TSD Site Recv Date:	2012-07-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000188060
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	10.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	005196374FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

CVS #0533 (Continued) **S111437971**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Trans2 State ID:	NJD054126164
Generator Ship Date:	2012-06-28
Trans1 Recv Date:	2012-06-28
Trans2 Recv Date:	2012-07-06
TSD Site Recv Date:	2012-07-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000188060
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	2.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	005196374FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	MNS000110924
Trans2 State ID:	NJD054126164
Generator Ship Date:	2012-06-28
Trans1 Recv Date:	2012-06-28
Trans2 Recv Date:	2012-07-06
TSD Site Recv Date:	2012-07-11
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000188060
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	1.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1.0

CVS #0533 (Continued) **S111437971**

Year:	2012
Manifest Tracking Num:	005196374FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	CTD983872698
Trans2 State ID:	NJD054126164
Generator Ship Date:	2012-04-12
Trans1 Recv Date:	2012-04-12
Trans2 Recv Date:	2012-04-23
TSD Site Recv Date:	2012-04-30
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000188060
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	3.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	005484350FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	CTD983872698
Trans2 State ID:	NJD054126164
Generator Ship Date:	2012-04-12
Trans1 Recv Date:	2012-04-12

CVS #0533 (Continued) **S111437971**

Trans2 Recv Date:	2012-04-23
TSD Site Recv Date:	2012-04-30
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000188060
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	2.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	005484350FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	CTD983872698
Trans2 State ID:	NJD054126164
Generator Ship Date:	2012-04-12
Trans1 Recv Date:	2012-04-12
Trans2 Recv Date:	2012-04-23
TSD Site Recv Date:	2012-04-30
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000188060
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	8.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	005484350FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N

CVS #0533 (Continued) **S111437971**

Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	CTD983872698
Trans2 State ID:	NJD054126164
Generator Ship Date:	2012-04-12
Trans1 Recv Date:	2012-04-12
Trans2 Recv Date:	2012-04-23
TSD Site Recv Date:	2012-04-30
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000188060
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	1.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	005484350FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	CTD983872698
Trans2 State ID:	NJD054126164
Generator Ship Date:	2012-04-12
Trans1 Recv Date:	2012-04-12
Trans2 Recv Date:	2012-04-23
TSD Site Recv Date:	2012-04-30
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000188060
Trans1 EPA ID:	Not reported

CVS #0533 (Continued) **S111437971**

Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	11.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	005484350FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	CTD983872698
Trans2 State ID:	NJD054126164
Generator Ship Date:	2012-04-12
Trans1 Recv Date:	2012-04-12
Trans2 Recv Date:	2012-04-23
TSD Site Recv Date:	2012-04-30
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000188060
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	9.0
Units:	P - Pounds
Number of Containers:	2.0
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	005484350FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported

CVS #0533 (Continued) **S111437971**

Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: CTD983872698
Trans2 State ID: OKD981588791
Generator Ship Date: 2012-11-28
Trans1 Recv Date: 2012-11-28
Trans2 Recv Date: 2012-12-06
TSD Site Recv Date: 2012-12-17
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000188060
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: INR000110197
Waste Code: Not reported
Quantity: 3.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: CF - Fiber or plastic boxes, cartons
Handling Method: L Landfill.
Specific Gravity: 1.0
Year: 2012
Manifest Tracking Num: 005885416FLE
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H141

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: CTD983872698
Trans2 State ID: OKD981588791
Generator Ship Date: 2012-11-28
Trans1 Recv Date: 2012-11-28
Trans2 Recv Date: 2012-12-06
TSD Site Recv Date: 2012-12-17
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000188060
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: INR000110197
Waste Code: Not reported
Quantity: 21.0
Units: P - Pounds
Number of Containers: 1.0

CVS #0533 (Continued) **S111437971**

Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	005885416FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	CTD983872698
Trans2 State ID:	OKD981588791
Generator Ship Date:	2012-11-28
Trans1 Recv Date:	2012-11-28
Trans2 Recv Date:	2012-12-06
TSD Site Recv Date:	2012-12-17
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000188060
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	1.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	005885416FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Click this hyperlink while viewing on your computer to access
22 additional NY_MANIFEST: record(s) in the EDR Site Report.

B4
South
< 1/8
0.007 mi.
38 ft.

CVS PHARMACY #0533
3031 ORCHARD PARK ROAD
ORCHARD PARK, NY 14127

Site 2 of 8 in cluster B

RCRA-LQG **1014927016**
NYR000188060

Relative:
Higher

Actual:
718 ft.

RCRA-LQG:

Date form received by agency:	03/06/2012
Facility name:	CVS PHARMACY #0533
Facility address:	3031 ORCHARD PARK ROAD ORCHARD PARK, NY 14127
EPA ID:	NYR000188060
Mailing address:	CVS DRIVE 23062-A WOONSOCKET, RI 02895
Contact:	WENDY L BRANT
Contact address:	CVS DRIVE WOONSOCKET, RI 02895
Contact country:	US
Contact telephone:	(401) 765-1500
Contact email:	WENDY.BRANT@CVSCAREMARK.COM
EPA Region:	02
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	CVS ALBANY LLC
Owner/operator address:	CVS DR WOONSOCKETS, RI 02895
Owner/operator country:	US
Owner/operator telephone:	(401) 765-1500
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	12/30/2006
Owner/Op end date:	Not reported
Owner/operator name:	ORCHARD PARK ASSOC
Owner/operator address:	MAIN ST STE 628 BUFFALO, NY 14203
Owner/operator country:	US
Owner/operator telephone:	(716) 619-3300
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	12/01/1972
Owner/Op end date:	Not reported
Owner/operator name:	ORCHARD PARK ASSOCIATES
Owner/operator address:	MAIN ST, STE 628

CVS PHARMACY #0533 (Continued) **1014927016**

BUFFALO, NY 14203
Owner/operator country: US
Owner/operator telephone: (716) 819-3300
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/01/1972
Owner/Op end date: Not reported

Owner/operator name: CVS ALBANY, L.L.C.
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/01/1972
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 11/29/2011
Facility name: CVS PHARMACY #0533
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN

CVS PHARMACY #0533 (Continued) **1014927016**

THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D006
Waste name: CADMIUM

Waste code: D007
Waste name: CHROMIUM

Waste code: D009
Waste name: MERCURY

Waste code: D010
Waste name: SELENIUM

Waste code: D011
Waste name: SILVER

Waste code: P001
Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste code: P075
Waste name: NICOTINE, & SALTS

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D011
Waste name: SILVER

Waste code: P001
Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste code: P042
Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)-

Waste code: P075
Waste name: NICOTINE, & SALTS

Waste code: P081

CVS PHARMACY #0533 (Continued) **1014927016**

Waste name: NITROGLYCERINE (R)

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 16

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 16

Waste code: D006
Waste name: CADMIUM
Amount (Lbs): 11

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 11

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 11

Waste code: D010
Waste name: SELENIUM
Amount (Lbs): 11

Waste code: D011
Waste name: SILVER
Amount (Lbs): 39

Waste code: P001
Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Amount (Lbs): 4

Waste code: P075
Waste name: NICOTINE, & SALTS
Amount (Lbs): 4

Violation Status: No violations found

B5
SW
< 1/8
0.009 mi.
47 ft.

STEPHERSON'S RENTAL INC.
3026 ORCHARD PARK ROAD
ORCHARD PARK, NY

Site 3 of 8 in cluster B

NY Spills **S102133371**
N/A

Relative:
Higher

Actual:
717 ft.

SPILLS:

Facility ID:	8805351
DER Facility ID:	67919
Facility Type:	ER
Site ID:	71859
DEC Region:	9
Spill Date:	9/19/1988
Spill Number/Closed Date:	8805351 / 9/21/1988
Spill Cause:	Housekeeping
Spill Class:	Not reported
SWIS:	1560
Investigator:	PRINGLE
Referred To:	Not reported
Reported to Dept:	9/19/1988
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Citizen
Cleanup Ceased:	9/21/1988
Cleanup Meets Std:	True
Last Inspection:	9/21/1988
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/26/1988
Spill Record Last Update:	10/11/1988
Spiller Name:	Not reported
Spiller Company:	STEPHERSON'S RENTAL INC.
Spiller Address:	3026 ORCHARD PARK ROAD
Spiller City,St,Zip:	WEST SENECA, NY
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MNP"09/21/88: 9/21/88 MNP INSP. RESPONSIBLE PARTY CLEANED UP SPILL DURING INSP., HE WILL MAINTAIN SORBENTS IN C.B., NO FURTHER ACTION NEEDED, COMPLETE.
Remarks:	OIL ENTERING STORM CATCH BASIN FROM SLOPPY HOUSEKEEPING

Material:

Site ID:	71859
Operable Unit ID:	920516
Operable Unit:	01
Material ID:	457258
Material Code:	0022
Material Name:	Waste Oil/Used Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	Yes
Resource Affected:	Not reported
Oxygenate:	False

STEPHERSON'S RENTAL INC. (Continued) **S102133371**

Tank Test:

Facility ID:	0612427
DER Facility ID:	67919
Facility Type:	ER
Site ID:	377281
DEC Region:	9
Spill Date:	2/13/2007
Spill Number/Closed Date:	0612427 / 3/8/2007
Spill Cause:	Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	1560
Investigator:	fxgalleg
Referred To:	Not reported
Reported to Dept:	2/13/2007
CID:	444
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2/13/2007
Spill Record Last Update:	3/8/2007
Spiller Name:	CARLOS SANTOS
Spiller Company:	Not reported
Spiller Address:	3026 ORCHARD PARK ROAD
Spiller City,St,Zip:	WEST SENECA, NY
Spiller Company:	001
Contact Name:	CARLOS SANTOS
Contact Phone:	(716) 675-5222
DEC Memo:	3/8/07 FG RECEIVED THE LIMITED AND FOCUSED SUBSURFACE INVESTIGATION FOR THE SITE. THE ANALYTICAL RESULTS FOR THE SOIL SAMPLE FOR THE SOIL BORING WITH NOTED PETROLEUM ODORS AT BH8 WERE BELOW TAGM 4046 BUT ABOVE STARS. THE SITE IS CLOSED WITH NO FURTHER ACTION REQUIRED.
Remarks:	SOIL TESTING FAILED:

Material:

Site ID:	377281
Operable Unit ID:	1134823
Operable Unit:	01
Material ID:	2124703
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

STEPHERSON'S RENTAL INC. (Continued) **S102133371**

Tank Test:

B6 **TOWNE LINCOLN-MERCURY INC** **RCRA-CESQG** **1000311622**
SSE **3050 ORCHARD PARK RD** **FINDS** **NYD048392161**
< 1/8 **WEST SENECA, NY** **MANIFEST**
0.020 mi.
104 ft. **Site 4 of 8 in cluster B**

Relative:
Higher

Actual:
719 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	TOWNE LINCOLN-MERCURY INC
Facility address:	3050 ORCHARD PARK RD WEST SENECA, NY 14224
EPA ID:	NYD048392161
Mailing address:	ORCHARD PARK RD WEST SENECA, NY 14224
Contact:	Not reported
Contact address:	ORCHARD PARK RD WEST SENECA, NY 14224
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	F G DOWNING
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	F G DOWNING
Owner/operator address:	NOT REQUIRED NOT REQUIRED, WY 99999
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212

TOWNE LINCOLN-MERCURY INC (Continued) **1000311622**

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: TOWNE LINCOLN-MERCURY INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/14/1999
Facility name: TOWNE LINCOLN-MERCURY INC
Classification: Small Quantity Generator

Date form received by agency: 04/04/1986
Facility name: TOWNE LINCOLN-MERCURY INC
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: FR - 40 cfr 264.51
Area of violation: Generators - General
Date violation determined: 04/29/1993
Date achieved compliance: 10/02/2001
Violation lead agency: EPA
Enforcement action: VERBAL INFORMAL
Enforcement action date: 10/06/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 10/02/2001
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported

TOWNE LINCOLN-MERCURY INC (Continued) **1000311622**

Evaluation lead agency: State

Evaluation date: 04/29/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/02/2001
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110004357188

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

NY MANIFEST:

EPA ID: NYD048392161
Country: USA
Mailing Name: TOWNE LINCOLN MERCURY
Mailing Contact: TOWNE LINCOLN MERCURY
Mailing Address: 3050 ORCHARD PARK ROAD
Mailing Address 2: Not reported
Mailing City: BUFFALO
Mailing State: NY
Mailing Zip: 14224
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 716-675-2643

Document ID: NYA8710255
Manifest Status: Completed copy
Trans1 State ID: NYMJ1780
Trans2 State ID: Not reported
Generator Ship Date: 880216
Trans1 Recv Date: 880216
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880224
Part A Recv Date: 880222
Part B Recv Date: 880307
Generator EPA ID: NYD048392161
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: OHD981099401
Waste Code: F003 - UNKNOWN
Quantity: 00144
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

TOWNE LINCOLN-MERCURY INC (Continued) **1000311622**

Year: 88

Document ID: NYA6837557
Manifest Status: Completed copy
Trans1 State ID: NY8804868
Trans2 State ID: Not reported
Generator Ship Date: 871020
Trans1 Recv Date: 871020
Trans2 Recv Date: Not reported
TSD Site Recv Date: 871020
Part A Recv Date: 871023
Part B Recv Date: 871027
Generator EPA ID: NYD048392161
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID: NYD981556541
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00187
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 87

Document ID: NYA5618817
Manifest Status: Completed copy
Trans1 State ID: NY58236GK
Trans2 State ID: Not reported
Generator Ship Date: 870709
Trans1 Recv Date: 870709
Trans2 Recv Date: 870713
TSD Site Recv Date: 870716
Part A Recv Date: 870713
Part B Recv Date: 870721
Generator EPA ID: NYD048392161
Trans1 EPA ID: ILD000805911
Trans2 EPA ID: ILD000805911
TSDF ID: OHD981099401
Waste Code: F003 - UNKNOWN
Quantity: 00036
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 87

Document ID: NYA8642171
Manifest Status: Completed copy
Trans1 State ID: NY88048GS
Trans2 State ID: Not reported
Generator Ship Date: 880115
Trans1 Recv Date: 880115

TOWNE LINCOLN-MERCURY INC (Continued) **1000311622**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	880115
Part A Recv Date:	880120
Part B Recv Date:	880120
Generator EPA ID:	NYD048392161
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD981556541
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00027
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	88

Document ID:	NYA8890413
Manifest Status:	Completed copy
Trans1 State ID:	NYMJ1780
Trans2 State ID:	Not reported
Generator Ship Date:	880510
Trans1 Recv Date:	880510
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	880510
Part A Recv Date:	880517
Part B Recv Date:	880516
Generator EPA ID:	NYD048392161
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD981556541
Waste Code:	F003 - UNKNOWN
Quantity:	00144
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	88

Document ID:	NYA9127809
Manifest Status:	Completed copy
Trans1 State ID:	NYEM4533
Trans2 State ID:	Not reported
Generator Ship Date:	881004
Trans1 Recv Date:	881004
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	881004
Part A Recv Date:	881006
Part B Recv Date:	881011
Generator EPA ID:	NYD048392161
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD981556541
Waste Code:	F003 - UNKNOWN

TOWNE LINCOLN-MERCURY INC (Continued) **1000311622**

Quantity:	00144
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	88

Document ID:	NYA9135325
Manifest Status:	Completed copy
Trans1 State ID:	NYNA1635
Trans2 State ID:	Not reported
Generator Ship Date:	881117
Trans1 Recv Date:	881117
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	881117
Part A Recv Date:	881122
Part B Recv Date:	881123
Generator EPA ID:	NYD048392161
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD981556541
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00187
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	88

Document ID:	NYA9171472
Manifest Status:	Completed copy
Trans1 State ID:	NYNA1635
Trans2 State ID:	Not reported
Generator Ship Date:	881220
Trans1 Recv Date:	881220
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	881220
Part A Recv Date:	881223
Part B Recv Date:	881223
Generator EPA ID:	NYD048392161
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD981556541
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00027
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	88

TOWNE LINCOLN-MERCURY INC (Continued) **1000311622**

Document ID:	NYA9042219
Manifest Status:	Completed copy
Trans1 State ID:	NYMJ1781
Trans2 State ID:	Not reported
Generator Ship Date:	880920
Trans1 Recv Date:	880920
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	880920
Part A Recv Date:	880923
Part B Recv Date:	880927
Generator EPA ID:	NYD048392161
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD981556541
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00187
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	88

Document ID:	NYA9636985
Manifest Status:	Completed copy
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	890817
Trans1 Recv Date:	890817
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890817
Part A Recv Date:	890822
Part B Recv Date:	890822
Generator EPA ID:	NYD048392161
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD981556541
Waste Code:	F003 - UNKNOWN
Quantity:	00123
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	89

Document ID:	NYA9732789
Manifest Status:	Completed copy
Trans1 State ID:	NYEM4533
Trans2 State ID:	Not reported
Generator Ship Date:	891017
Trans1 Recv Date:	891017
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	891017
Part A Recv Date:	891019

TOWNE LINCOLN-MERCURY INC (Continued) **1000311622**

Part B Recv Date:	891023
Generator EPA ID:	NYD048392161
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD981556541
Waste Code:	F003 - UNKNOWN
Quantity:	00123
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	89

Document ID:	NYA9596406
Manifest Status:	Completed copy
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	890728
Trans1 Recv Date:	890728
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890728
Part A Recv Date:	890801
Part B Recv Date:	890804
Generator EPA ID:	NYD048392161
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD981556541
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00172
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00027
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	89

Document ID:	NYA9660982
Manifest Status:	Completed copy
Trans1 State ID:	NYMC4624
Trans2 State ID:	Not reported
Generator Ship Date:	891020
Trans1 Recv Date:	891020
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	891020
Part A Recv Date:	891025
Part B Recv Date:	891025
Generator EPA ID:	NYD048392161

TOWNE LINCOLN-MERCURY INC (Continued) **1000311622**

Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD981556541
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00027
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	89

Document ID:	NYA9849159
Manifest Status:	Completed copy
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	891212
Trans1 Recv Date:	891212
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	891212
Part A Recv Date:	891218
Part B Recv Date:	891218
Generator EPA ID:	NYD048392161
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD981556541
Waste Code:	F003 - UNKNOWN
Quantity:	00123
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	89

Document ID:	NYA9843535
Manifest Status:	Completed copy
Trans1 State ID:	NYMC4624
Trans2 State ID:	Not reported
Generator Ship Date:	891218
Trans1 Recv Date:	891218
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	891218
Part A Recv Date:	891221
Part B Recv Date:	900102
Generator EPA ID:	NYD048392161
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD981556541
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00217
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.

TOWNE LINCOLN-MERCURY INC (Continued) **1000311622**

Specific Gravity:	100
Year:	89

Document ID:	NYA9774303
Manifest Status:	Completed copy
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	891121
Trans1 Recv Date:	891121
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	891121
Part A Recv Date:	891127
Part B Recv Date:	891127
Generator EPA ID:	NYD048392161
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD981556541
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00172
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00027
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	89

Document ID:	NYC0020384
Manifest Status:	Completed copy
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	891229
Trans1 Recv Date:	891229
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	891229
Part A Recv Date:	900105
Part B Recv Date:	900102
Generator EPA ID:	NYD048392161
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD981556541
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00217
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	89

TOWNE LINCOLN-MERCURY INC (Continued) **1000311622**

Document ID:	NYC0298495
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	900529
Trans1 Recv Date:	900529
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900529
Part A Recv Date:	900724
Part B Recv Date:	900606
Generator EPA ID:	NYD048392161
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD981556541
Waste Code:	F005 - UNKNOWN
Quantity:	00123
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	90

Document ID:	NYC0028034
Manifest Status:	Completed copy
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	900112
Trans1 Recv Date:	900112
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900112
Part A Recv Date:	900123
Part B Recv Date:	900119
Generator EPA ID:	NYD048392161
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD981556541
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00027
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	90

Document ID:	NYC0281384
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	900529
Trans1 Recv Date:	900529
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900529
Part A Recv Date:	900724

TOWNE LINCOLN-MERCURY INC (Continued) **1000311622**

Part B Recv Date:	900606
Generator EPA ID:	NYD048392161
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NYD981556541
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00217
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	90

Click this hyperlink while viewing on your computer to access
249 additional NY_MANIFEST: record(s) in the EDR Site Report.

B7 **TOWNE LINCOLN-MERCURY** **AST** **U003066148**
SSE **3050 ORCHARD PARK RD** **N/A**
< 1/8 **BUFFALO, NY 14224**
0.020 mi.
104 ft. **Site 5 of 8 in cluster B**

Relative:
Higher

Actual:
719 ft.

AST:

Region:	STATE
DEC Region:	9
Site Status:	Unregulated
Facility Id:	9-600240
Program Type:	PBS
UTM X:	193033.37186000001
UTM Y:	4745682.1796399998
Expiration Date:	N/A
Site Type:	Other

Affiliation Records:

Site Id:	55102
Affiliation Type:	Facility Owner
Company Name:	FRANK DOWNING
Contact Type:	SERVICE MANAGER
Contact Name:	TOM A ANTONIADIS
Address1:	3050 ORCHARD PARK RD
Address2:	Not reported
City:	BUFFALO
State:	NY
Zip Code:	14224
Country Code:	001
Phone:	(716) 675-2550
EMail:	Not reported
Fax Number:	Not reported
Modified By:	LDGOMEZ
Date Last Modified:	10/18/2007

Site Id:	55102
Affiliation Type:	Mail Contact
Company Name:	TOWNE LINCOLN-MERCURY
Contact Type:	Not reported
Contact Name:	TOM ANTONIADIS
Address1:	3050 ORCHARD PARK RD

TOWNE LINCOLN-MERCURY (Continued) **U003066148**

Address2:	Not reported
City:	BUFFALO
State:	NY
Zip Code:	14224
Country Code:	001
Phone:	(716) 675-2550
EMail:	TANTONIADIS@TOWNEAUTO.COM
Fax Number:	Not reported
Modified By:	AESKALSK
Date Last Modified:	12/7/2005

Site Id:	55102
Affiliation Type:	On-Site Operator
Company Name:	TOWNE LINCOLN-MERCURY
Contact Type:	Not reported
Contact Name:	TOM ANTONIADIS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(716) 675-2550
EMail:	Not reported
Fax Number:	Not reported
Modified By:	LDGOMEZ
Date Last Modified:	10/18/2007

Site Id:	55102
Affiliation Type:	Emergency Contact
Company Name:	FRANK DOWNING
Contact Type:	Not reported
Contact Name:	TOM ANTONIADIS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(716) 675-2550
EMail:	Not reported
Fax Number:	Not reported
Modified By:	AESKALSK
Date Last Modified:	12/7/2005

Tank Info:

Tank Number:	001
Tank Id:	173858
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground

TOWNE LINCOLN-MERCURY (Continued) **U003066148**

H00 - Tank Leak Detection - None
I03 - Overfill - Automatic Shut-Off
G03 - Tank Secondary Containment - Vault (w/o access)
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	04/01/1997
Capacity Gallons:	500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	07/01/2006
Register:	True
Modified By:	LDGOMEZ
Last Modified:	10/18/2007
Material Name:	Waste Oil/Used Oil

B8 **TOWN LINCOLN MERCURY** **NY Spills** **S102667861**
SSE **3050 ORCHARD PARK ROAD** **N/A**
< 1/8 **ORCHARD PARK, NY**
0.020 mi.
104 ft. **Site 6 of 8 in cluster B**

Relative:
Higher

Actual:
719 ft.

SPILLS:

Facility ID:	9705746
DER Facility ID:	207143
Facility Type:	ER
Site ID:	252875
DEC Region:	9
Spill Date:	8/12/1997
Spill Number/Closed Date:	9705746 / 6/15/1998
Spill Cause:	Housekeeping
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	1560
Investigator:	PRINGLE
Referred To:	Not reported
Reported to Dept:	8/12/1997
CID:	266
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	6/15/1998
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	8/12/1997
Spill Record Last Update:	4/17/2002
Spiller Name:	PAUL ZILLIOX
Spiller Company:	TOWNE LINCOLN-MERCURY
Spiller Address:	3050 ORCHARD PARK ROAD

TOWN LINCOLN MERCURY (Continued) **S102667861**

Spiller City,St,Zip: ORCHARD PARK, NY 14219-
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MNP"08/12/97: MNP INSP. MET W/ DOUG REID - NFCS & PAUL ZILLIOX - TOWNE-LINCOLN. 30 YDS. CONTAM. SOIL REMOVED & STAGEDV ON PLASTIC & COVERED. OIL PRODUCT SEEPING OUT FROM UNDER BUILDING INTO OPEN EXCAVATION (SEE PICTURES). REMOTE FILL AREA WAS LOCATED INSIDED BLDG. OIL SPILLAGE ON FLOOR MAY HAVE CONTRIBUTED TO SPILLAGE. SUMP LOCATED NEXT TO FILL AREA. TOWNE-LINCOLN WILL HAVE PLUMBER CHECK TO SEE IF IT LEAKS. ALSO, THERE ARE 4 ABANDONED HYDRAULIC LIFTS WITH UNDERGROUND RESERVOIR TANKS. STICKED 1 RESERVOIR, 41" OF OIL REMAIN, NO WATER. I REQUESTED THEY CHECK OTHER 3 TANKS. ALL HYDRAULIC RESERVOIRS SHOULD BE PUMPED OUT. WE DISCUSSED CLEANUP & INVESTIGATION OPTIONS. THEY WILL LEAVE EXCAVATION OPEN FOR A FEW DAYS TO MONITOR OIL SEEPAGE. ADDITIONAL HOLES MAY BE DRILLED INTO WALL & FLOOR TO ENHANCE OIL RECOVERY. SITE ASSESSMENT INSIDE BLDG NEEDED TO DETERMINE EXTENT OF CONTAMINATION. IF LIMITED TO AREA ALONG WALL FLUSHING OF OIL CAN BE USED.08/13/97: MNP INSP. MET W/ PAM HOEDING - NFCS. OIL PRODUCT ON WATER IN EXCAVATION, NO PRODUCT FLOWING FROM WALL. OIL STAIN & FROM SEEPAGE NOTED. OIL / WATER TO BE PUMPED OUT OF EXCAVATION.08/14/97: MNP TELECON W/ DOUG REID - NFCS. WE DISCUSSED PUTTING IN A SUMP OUTSIDE BUIDING & THEN BACKFILLING EXCAVATION. HE PLANS TO DO WORK EARLY NEXT WEEK. A WRITTEN PLAN FOR INTERIIOR INVESTIGATION TO BE SENT.08/14/97: MNP TELECON W/ TOM HERRMANN - NFADA. I ADVISED HIM OF SPILL HISTORY & PROPOSED CLEANUP BY NFCS. HE WAS SATISFIED W/ INFO.08/18/97: MNP TELECON W/ PAUL ZILLIOX - TOWNE-LINCOLN. HE WANTS TO BACKFILL EXCAVATION SO HE CAN SETUP ABOVEGROUND WASTE OIL TANK. I TOLD HIM THAT ONCE EXCAVATION IS EXCAVATED IT CAN BE SAMPLED, THEN BACKFILLED. HIS CONTRACTOR NCFS PROPOSED INSTALLING SUMP TO COLLECT OIL OUTSIDE WALL, I CONCUR. ALSO, SMALL BORINGS TO BE DONE INSIDE BUILDING BETWEEN OUTSIDE WALL & FIRST SERVICE BAY RECOMMENDED. THEY WILL CALL FOR INSP. PROIR TO BACKFILLING EXCAVATION. MR. ZILLOX SAID PLUMBER HAS CHECKED FLOOR DRAIN SUMP, IT IS NOT LEAKING.08/19/97: MNP & RNL INSP. & MEETING W/ PAUL ZILLIOX - TOWNE & TOM HERRMANN NFADA. OIL PRODUCT & WATER IN BOTTOM OF EXCAVATION. OIL STAINED AREAS ON CONCRETE WALL WHERE OIL CAME OUT. UPON EXCAVATION OF OIL CONTAMINATED SOIL FROM TANK PIT, A SUMP WILL BE INSTALLED TO COLLECT OIL & WATER. THE HYDRAULIC LIFT RESERVOIRS MUST BE PUMPED OUT ASAP. ALSO, AT LEAST 2 SOIL BORINGS (GEOPROBE) WILL BE DONE INSIDE BUILDING IN FIRST CAR BAY TO DETERMINE EXTENT OF CONTAMINATION.08/25/97: MNP INSP. MET W/ DOUG REID & MARK LAPUMA - NFCS. ELMWOOD TANK ON SITE EXCAVATING ADDITIONAL OIL CONTAMINATED SOIL FROM EXCAVATION & ALONG FOUNDATION WALL. WATER & OIL COMING FROM BLOCK WALL UNDER OVERHEAD DOOOR, AREA BLACKENED W/ OIL. ABOUT 150-200 TONS TOTAL REMOVED SO FAR. BOTTOM OF EXCAVATION SLOPED TO SUMP IN ORIGINAL EXCAVATION. PEA GRAVEL TO BE PLACED ON POLY LINER. TO COLLECT 1 BOTTOM & 1 SIDE SAMPLE FOR STARS #1.06/03/98: RNL NOTE, REPORT RECEIVED FROM NFCS, INCLUDED DISPOSAL RECEIPTS, SAMPLE RESULTS, ETC.6/15/98 FG SITE VISIT. SOIL REMOVED FROM SITE. EXCAVATION RESULTS SUBMITTED. EXCEED AT THE SIDEWALL VERY SLIGHTLY FOR 8021. DISPOSAL RECEIPTS SUBMITTED. SITE CAN BE MADE INACTIVE. LETTER SENT 6/15/98.
Remarks: CONTAMINATED SOIL ENCOUNTERED DURING REMOVAL OF A 550 GALLON WASTE OIL TANK.

Material:
Site ID: 252875

TOWN LINCOLN MERCURY (Continued) **S102667861**

Operable Unit ID:	1051913
Operable Unit:	01
Material ID:	331370
Material Code:	0022
Material Name:	Waste Oil/Used Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	0651390
DER Facility ID:	207143
Facility Type:	ER
Site ID:	372517
DEC Region:	9
Spill Date:	10/1/2006
Spill Number/Closed Date:	0651390 / 1/3/2007
Spill Cause:	Equipment Failure
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	1560
Investigator:	FXGALLEG
Referred To:	Not reported
Reported to Dept:	10/25/2006
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	10/25/2006
Spill Record Last Update:	1/4/2007
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Company:	Not reported
Contact Name:	MICHAEL SMITH, CFO
Contact Phone:	(716) 662-6530
DEC Memo:	1/3/07 NATURE'S WAY SUBMITTED THE CLOSURE REPORT FOR THE SITE. ALL EXCAVATION SAMPLES BELOW TAGM'S. DISPOSAL RECEIPTS SUBMITTED. NO FURTHER WORK REQUIRED. THE SITE IS CLOSED.
Remarks:	FOUND CONTAMINATION WHILE REMOVING HYDRAULIC LIFTS, REMOVING A TOTAL OF 7 LIFTS. PLAN ON REMOVING THE CONTAMINATION.

Material:

Site ID:	372517

TOWN LINCOLN MERCURY (Continued) **S102667861**

Operable Unit ID:	1130255
Operable Unit:	01
Material ID:	2119927
Material Code:	0010
Material Name:	Hydraulic Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

B9 **TOWNE LINCOLN-MERCURY** **UST** **U004081117**
SSE **3050 ORCHARD PARK RD** **N/A**
< 1/8 **BUFFALO, NY 14224**
0.020 mi.
104 ft. **Site 7 of 8 in cluster B**

Relative:
Higher

Actual:
719 ft.

UST:

Id/Status:	9-600240 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	9
Expiration Date:	N/A
UTM X:	193033.37186000001
UTM Y:	4745682.1796399998
Site Type:	Other

Affiliation Records:

Site Id:	55102
Affiliation Type:	Facility Owner
Company Name:	FRANK DOWNING
Contact Type:	SERVICE MANAGER
Contact Name:	TOM A ANTONIADIS
Address1:	3050 ORCHARD PARK RD
Address2:	Not reported
City:	BUFFALO
State:	NY
Zip Code:	14224
Country Code:	001
Phone:	(716) 675-2550
EMail:	Not reported
Fax Number:	Not reported
Modified By:	LDGOMEZ
Date Last Modified:	10/18/2007

Site Id:	55102
Affiliation Type:	Mail Contact
Company Name:	TOWNE LINCOLN-MERCURY
Contact Type:	Not reported
Contact Name:	TOM ANTONIADIS
Address1:	3050 ORCHARD PARK RD
Address2:	Not reported
City:	BUFFALO

TOWNE LINCOLN-MERCURY (Continued) **U004081117**

State:	NY
Zip Code:	14224
Country Code:	001
Phone:	(716) 675-2550
EMail:	TANTONIADIS@TOWNEAUTO.COM
Fax Number:	Not reported
Modified By:	AESKALSK
Date Last Modified:	12/7/2005

Site Id:	55102
Affiliation Type:	On-Site Operator
Company Name:	TOWNE LINCOLN-MERCURY
Contact Type:	Not reported
Contact Name:	TOM ANTONIADIS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(716) 675-2550
EMail:	Not reported
Fax Number:	Not reported
Modified By:	LDGOMEZ
Date Last Modified:	10/18/2007

Site Id:	55102
Affiliation Type:	Emergency Contact
Company Name:	FRANK DOWNING
Contact Type:	Not reported
Contact Name:	TOM ANTONIADIS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(716) 675-2550
EMail:	Not reported
Fax Number:	Not reported
Modified By:	AESKALSK
Date Last Modified:	12/7/2005

Tank Info:

Tank Number:	WO1
Tank ID:	171892
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	500
Install Date:	05/01/1991
Date Tank Closed:	08/01/1997
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

TOWNE LINCOLN-MERCURY (Continued) **U004081117**

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G04 - Tank Secondary Containment - Double-Walled (Underground)
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel

B10 **D'AMATO'S DRY CLEANERS** **DRYCLEANERS** **S110246348**
SSE **S-3035 ORCHARD PARK ROAD** **N/A**
< 1/8 **ORCHARD PARK, NY 14127**
0.024 mi.
127 ft. **Site 8 of 8 in cluster B**

Relative:
Higher

Actual:
720 ft.

DRYCLEANERS:

Facility ID:	9-1460-00003
Phone Number:	716-675-1330
Region:	Not reported
Registration Effective Date:	N/A
Inspection Date:	03JUN23
Install Date:	86/03
Drop Shop:	Not reported
Shutdown:	Y
Alternate Solvent:	Not reported
Current Business:	Not reported

C11 **CHINESE RESTAURANT** **NY Spills** **S109371631**
NW **1779 ORCHARD PARK RD** **N/A**
< 1/8 **ORCHARD PARK, NY**
0.038 mi.
198 ft. **Site 1 of 2 in cluster C**

Relative:
Higher

Actual:
719 ft.

SPILLS:

Facility ID:	0806930
DER Facility ID:	353498
Facility Type:	ER
Site ID:	404235
DEC Region:	9
Spill Date:	9/1/2008
Spill Number/Closed Date:	0806930 / 9/30/2008
Spill Cause:	Deliberate
Spill Class:	Not reported
SWIS:	1560
Investigator:	TDJOHNSO
Referred To:	Not reported
Reported to Dept:	9/19/2008
CID:	Not reported
Water Affected:	Not reported

CHINESE RESTAURANT (Continued) **S109371631**

Spill Source:	Commercial/Industrial
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	9/19/2008
Spill Record Last Update:	9/30/2008
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Company:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	09/1919/08 TJ SPOKE WITH RELATIVE OF OWNER AND FOUND THEY HAD A BACKUP IN DRAINS WHICH CAUSED THE BACK PARKING LOT TO BE COVERED WITH STICKY WASTE. AN AREA WAS FOUND IN WEEDS WHERE THIS BROWNISH WATER/GREASE ENDED UP. THEY ARE GOING TO CLEAN UP THE PROBLEM AREA. THEY DO HAVE A WASTE GREASE TANK WHICH THEY SAY THEY USE. WILL CHECK THE AREA AGAIN ONCE CLEANUP IS COMPLETE.09/30/08 TJ DRIVEWAY CLEANED AND GREASE BEING PUT INTO CONTAINER NO FURTHER ACTIONFILE CLOSED TO ELECTRONIC FILE ONLY.
Remarks:	CHANG'S IS DUMPING GREASE OUT THE BACK INTO WOODS ON AN ONGOING BASIS AND NOT DISPOSING OF IT PROPERLY. CALLER IS GETTING GREASE ON THEIR CAR. REQUESTS DEC RESPONSE.

Material:

Site ID:	404235
Operable Unit ID:	1160906
Operable Unit:	01
Material ID:	2152093
Material Code:	0046A
Material Name:	COOKING GREASE
Case No.:	Not reported
Material FA:	Other
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

C12 **ROADSIDE** **NY Spills** **S106969218**
NW **1777 ORCHARD PARK ROAD** **N/A**
< 1/8 **WEST SENECA, NY**
0.040 mi.
213 ft. **Site 2 of 2 in cluster C**

Relative:
Higher

Actual:
719 ft.

SPILLS:

Facility ID:	0550536
DER Facility ID:	294801
Facility Type:	ER
Site ID:	348409

ROADSIDE (Continued) **S106969218**

DEC Region:	9
Spill Date:	6/28/2005
Spill Number/Closed Date:	0550536 / 7/1/2005
Spill Cause:	Traffic Accident
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	1568
Investigator:	RMCROSSE
Referred To:	Not reported
Reported to Dept:	6/28/2005
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	7/1/2005
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	6/28/2005
Spill Record Last Update:	7/1/2005
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Company:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	06/28/05 RMC/SITE. TRUCK HIT TREE AND CAUGHT FIRE. APPEARS DIESEL AND SEALERS INSIDE THE TRUCK COMPLETELY BURNED UP. RMC TO REINSPECT AFTER TRUCK IS REMOVED. 07/01/05 RMC/SITE. NO PETROLEUM SPILLAGE NOTED IN AREA THAT IS DISCOLORED FROM THE FIRE. NO SPILL ACTION REQUIRED. CLOSE OUT.
Remarks:	TRACTOR TRAILOR ROLL OVER WITH DIESEL LOSS

Material:

Site ID:	348409
Operable Unit ID:	1106063
Operable Unit:	01
Material ID:	1968557
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

D13 **FORMER WALKER SERVICE** **LTANKS** **S101659192**
ENE **3008 UNION ROAD** **LIENS** **N/A**
< 1/8 **ORCHARD PARK, NY** **NY Spills**
0.045 mi.
240 ft. **Site 1 of 7 in cluster D**

Relative:
Lower

Actual:
715 ft.

LTANKS:

Site ID:	186286
Spill Number/Closed Date:	9406100 / 6/9/1995
Spill Date:	8/3/1994
Spill Cause:	Tank Failure
Spill Source:	Gasoline Station
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	6/9/1995
Cleanup Meets Standard:	True
SWIS:	1560
Investigator:	RMCROSSE
Referred To:	Not reported
Reported to Dept:	8/3/1994
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	5/30/1995
Recommended Penalty:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	8/5/1994
Spill Record Last Update:	5/20/2004
Spiller Name:	Not reported
Spiller Company:	WALKER SERVICE STATION
Spiller Address:	3008 UNION ROAD
Spiller City,St,Zip:	ORCHARD PARK, NY 14127
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	9
DER Facility ID:	155721
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RMC"08/03/94: RMC/BADAME/WALKER/SITE THREE TANKS PULLED AND 30 YARDS CONTAMINATED SOIL REMOVED AROUND FILLS, CLEAN HOLE SAMPLE TAKEN. ADVISED OF REQUIREMENTS,LETTER,REINSPECT SOILPILE AND RP RESPONSE DUE 8/30/94.08/16/94: RMC/BADAME/WALKER/SITE CLEAN HOLE SAMPLE RESULTS SHOW SIGNIFICANT CONTAMINATION, RMC ADVISED OF ADDITIONAL REMEDIATION AND DISPOSAL REQUIRMENTS, LETTER, RESPONSE DUE 9/15/94.09/14/94: RMC/WALKER/SITE RP PUMPING OUT TANK PIT TO SANITARY SEWER,RP ADVISED THAT NO SAMPLING OR DISCHARGE PERMIT WAS OBTAINED,RMC REMINDED RP OF PREVIOUS MEETING+SAMPLING/DISPOSAL RQ,RMC SAMPLED,PUMPING STOP.10/19/94: RMC/WALKER/SITE ADDVISED RP OF GW VIOLATIONS AND THAT STATE WOULD BE SEEKING PENALTY FOR PUMPING OUT TANK PIT, RP TO EXCAVATE BY NEXT WEEK, HAZARD EVALUATION HAS CONTRACT, REINSPECT 11/1/94.11/15/94: RMC/RNL/WALKER/SITE HOLE NOW FILLED TO W/IN 1 FOOT OF TOP WITH WATER, HAZARD EVALUATIONS HAS CONTRACT TO REMEDIATE, WORK DUE 11/30/94.12/06/94: RMC/HANNA/PHONE WORK TO BEGIN NEXT WEEK, APPROVAL RECEIVED, INSPECT 12/17/94.01/05/95: RMC/SITE WORK NOT YET BEGUN, TO CONTACT RP.01/18/95: RMC/MJS/SITE SEVERAL TIMES, WORK BEGUN, CONTAMINATED AREA GREATER THAN ORIGINALLY THOUGHT, RP AND RPS CONTRACTOR TO PROPOSE NEXT STEP, REINSPECT 1/31/95.01/31/95:

FORMER WALKER SERVICE (Continued) **S101659192**

RMC/FOTI/PHONE FOTI ADVISED THAT ONLY VERY MINOR EXCEEDANCES OF STARS, TO MAIL RESULTS, TO SAMPLE AREA W/ODOR, ALL RESULTS DUE 2/14/95.03/29/95: RMC/WALKER/PHONE RMC AGAIN ADVISED THAT SITE REPORT DUE. REPORT DUE 4/29/95.04/04/95: RMC/WALKER/PHONE RMC AGAIN ADVISED THAT SITE REPORT DUE. REPORT DUE 4/29/95,REVISED TO 5/30/95.06/09/95: RMC/FILE RECEIVED DISPOSAL RECEIPTS AND SAMPLE RESULTS AFTER REEXCAVATION, NO EXCEEDANCES, CLOSE OUT.

Remarks: CONTAMINATION FOUND DURING TANK PULL, NOTIFIED BY TANK CONTRACTOR, STATION NUMBER 6749917

Material:

Site ID:	186286
Operable Unit ID:	1003478
Operable Unit:	01
Material ID:	379154
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

LIENS:

Region:	9
PIN:	01623
Spill No:	00-75493
Tax Map Id:	152.12-2-6
Lien Request Received:	1/9/2006
Request Sent To APA Or Vendor:	1/13/2006
Draft Lien Received From Vendor:	Not reported
Approved Lien To Administrator:	Not reported
Signed By Administrator:	1/20/2006
Received From Administrator:	Not reported
Sent For Filing:	Not reported
Resent For Filing:	Not reported
Proof Of Service Received:	3/6/2006
Sent To OAG:	3/6/2006
Amount:	91470.95
Release Required:	7/2/2009
Sent To Administrator:	7/7/2009
Signed By Adminstrator:	7/15/2009
Received From Adminsitrator:	7/16/2009
Release Sent To OAG:	7/16/2009

Region:	9
PIN:	01623
Spill No:	00-75493
Tax Map Id:	152.12-2-6
Lien Request Received:	7/13/2004
Request Sent To APA Or Vendor:	7/13/2004

FORMER WALKER SERVICE (Continued) **S101659192**

Draft Lien Received From Vendor:	Not reported
Approved Lien To Administrator:	Not reported
Signed By Administrator:	7/30/2004
Received From Administrator:	Not reported
Sent For Filing:	Not reported
Resent For Filing:	Not reported
Proof Of Service Received:	9/28/2004
Sent To OAG:	9/28/2004
Amount:	39594.34
Release Required:	7/2/2009
Sent To Administrator:	7/7/2009
Signed By Adminstrator:	7/15/2009
Received From Adminsitrator:	7/16/2009
Release Sent To OAG:	7/16/2009

SPILLS:

Facility ID:	1001073
DER Facility ID:	155721
Facility Type:	ER
Site ID:	434099
DEC Region:	9
Spill Date:	4/28/2010
Spill Number/Closed Date:	1001073 / 11/10/2010
Spill Cause:	Equipment Failure
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	1560
Investigator:	FXGALLEG
Referred To:	Not reported
Reported to Dept:	4/28/2010
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	5/24/2010
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	4/28/2010
Spill Record Last Update:	11/10/2010
Spiller Name:	Not reported
Spiller Company:	POINT 5 DEV. OP LLC
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	04/29/10 JFO ON SITE MET WITH DON ABRAMS (EVERGREEN TESTING) AND JEFF STELHAR (WESTLAKE DEVELOPMENT). A TANK WAS DISCOVERED IN THE MIDDLE OF THE SOUTHERN PROPERTY LINE. IT WAS CRUSHED AND THERE WERE NO ODORS OR VISUAL CONTAMINATION. THEY WILL COLLECT A FLOOR SAMPLE FROM BELOW THE TANK. THE OTHER TANK (500 GALLON WASTE OIL) IS INTACT. RUSSO DEVELOPMENT WILL REMOVE THE TANK. RIGHT NOW THERE IS NO INDICATION OF CONTAMINATION. THEY WILL CALL WHEN THE TANK IS OUT.05/04/10 JFO CALL FROM JEFF S. THEY WILL BE REMOVING THE TANK TOMORROW MORNING.05/05/10

FORMER WALKER SERVICE (Continued) **S101659192**

JFO ON SITE MET WITH JEFF S AND DON ABRAMS. THE TANK IS OUT OF THE GROUND ALONG WITH THE 2 LIFTS AND THEIR CYLINDERS. THE CONTAMINATED SOIL (APPROX 300 TON) IS STAGED ON PLASTIC FOR DISPOSAL. THE EXCAVATION LOOKS GOOD. DON IS COLLECTING CONFIRMATORY SOIL SAMPLES. ANALYZE FOR METHODS 8260 AND 8270. RESULTS AND RECEIPTS TO FOLLOW.05/10/10 JFO CALL FROM JEFF STEHLAR. THEY DISCOVERED SOME CONTAMINATION IN THE NORTHEAST CORNER OF THE PROPERTY. THEY ARE DOING SEWER WORK IN THAT AREA AT THE END OF THE WEEK. THEY WILL ADRESS THE PROBLEM THEN. HE WILL CALL.05/24/10 JFO OPN SITE MET W/JEFF. THE EXCAVATED AREA LOOKS CLEAN. DON ABRAMS WILL SAMPLE BOTTOM AND SIDEWALLS. RESULTS AND RECEIPTS TO FOLLOW.07/12/10 JFO RECEIVED THE SAMPLE RESULTS AND THE DISPOSAL RECEIPTS FOR 510.16 TONS OF CONTAMINATED SOIL. ALL SAMPLE RESULTS ARE <TAGMS. NO FURTHER ACTION REQUIRED.CLOSURE LETTER SENT9/29/10 FG SITE INSPECTION. MET JEFF STEHLAR WITH WESTLAKE DEVELOPMENT AND DON ABRAMS ON SITE. DURING CONSTRUCTION, THEY RAN ACROSS ADDITIONAL SOIL CONTAMINATION ON THE MICHAEL ROAD SIDE OF THE SITE. THEY WILL REMOVE AND DISPOSE OF THE CONTAMINATED SOIL AND WATER. THEY WILL NOTIFY THE DEPT WHEN THE WORK IS COMPLETE SO WE CAN INSPECT. THEY WILL COLLECT EXCAVATION SAMPLES AND PROVIDE THE RESULTS AND DISPOSAL RECEIPTS.11/10/10 FG RECEIVED THE 11/2/10 EVERGREEN SUPPLEMENTAL SPILL CLOSURE REPORT. DURING CONSTRUCTION OF THE NEW WALGREENS ON THE PROPERTY, PETROLEUM CONTAMINATED SOIL WAS ENCOUNTERED. 17.46 TONS OF PETROLEUM CONTAMINATED SOIL WAS DISPOSED AT THE TONAWANDA LANDFILL. 5073 GALLONS OF PETROLEUM IMPACTED WATER WAS DISPOSED AT INDUSTRIAL OIL. DISPOSAL RECEIPTS WERE PROVIDED. THREE EXCAVATION SAMPLES WERE COLLECTED AND THE ANALYTICAL RESULTS WERE BELOW GUIDANCE LEVELS FOR THE 8260 AND 8270 STARS LIST OF COMPOUNDS. NO FURTHER WORK IS REQUIRED. THE SITE IS CLOSED.

Remarks: contamination and abandoned UST discovered. Uncovered today. Planning on removing the tank in the near future. Russo is site contractor for Envirnmental work. Will call back with contact and ownership infromation.

Material:

Site ID:	434099
Operable Unit ID:	1184947
Operable Unit:	01
Material ID:	2179227
Material Code:	0022
Material Name:	Waste Oil/Used Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

D14 **BLUE COLOR IN CAZ CREEK** **NY Spills** **S103482432**
ENE **UNION ROAD & MICHAEL ST** **N/A**
< 1/8 **WEST SENECA, NY**
0.045 mi.
240 ft. **Site 2 of 7 in cluster D**

Relative:
Lower

Actual:
714 ft.

SPILLS:

Facility ID:	9803132
DER Facility ID:	223705
Facility Type:	ER
Site ID:	275126
DEC Region:	9
Spill Date:	6/10/1998
Spill Number/Closed Date:	9803132 / 7/30/1998
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. No DEC Response. No corrective action required.
SWIS:	1568
Investigator:	RMCROSSE
Referred To:	Not reported
Reported to Dept:	6/10/1998
CID:	999
Water Affected:	SMOKE'S CREEK
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	6/12/1998
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	6/10/1998
Spill Record Last Update:	8/28/1998
Spiller Name:	ROBERT FISCHER
Spiller Company:	DELTA SONIC
Spiller Address:	570 DELAWARE AVENUE
Spiller City,St,Zip:	BUFFALO, NY
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RMC"08/10/98 RMC/FILE ORIGINAL NOTES ON COMPUTER LOST, RP FOUND TO BE DELTA SONIC WHO HAD A SEWER BACK UP WHICH ALLOW WASTE WATER TO GO TO THE STORM SEWER AND INTO A TRIB TO CAZ CREEK, RMC CALLED LAW ENFORCEMENT. ECO MAZURKIEWICZ RP 1500 FOR CONTRAVENTION TO WATER QUALITY STANDARDS, WATER WAS ALSO NOTIFIED, NO FURTHER ACTION REQUIRED. CLOSE OUT.
Remarks:	NEAR PUMP STATION. UNKNOWN BLUE COLORED SUBSTANCE IN CREEK. APPARENT FISHKILL.

Material:

Site ID:	275126
Operable Unit ID:	1063947
Operable Unit:	01
Material ID:	321453
Material Code:	0045A
Material Name:	CLEANING CHEMICALS/PRODUCTS
Case No.:	Not reported
Material FA:	Other
Quantity:	0

BLUE COLOR IN CAZ CREEK (Continued) **S103482432**

Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False
Site ID:	275126
Operable Unit ID:	1063947
Operable Unit:	01
Material ID:	321454
Material Code:	0060A
Material Name:	WASTEWATER
Case No.:	Not reported
Material FA:	Other
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

D15 **MOLINO'S PIZZA** **NY Spills** **S102135091**
East **3020 UNION ROAD** **N/A**
< 1/8 **ORCHARD PARK, NY**
0.048 mi.
251 ft. **Site 3 of 7 in cluster D**

Relative:
Higher

Actual:
716 ft.

SPILLS:

Facility ID:	9505778
DER Facility ID:	63431
Facility Type:	ER
Site ID:	66214
DEC Region:	9
Spill Date:	8/9/1995
Spill Number/Closed Date:	9505778 / 8/10/1995
Spill Cause:	Human Error
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	1560
Investigator:	RMCROSSE
Referred To:	Not reported
Reported to Dept:	8/10/1995
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	8/10/1995
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	8/6/1995
Spill Record Last Update:	8/14/1995
Spiller Name:	Not reported
Spiller Company:	SAFETY KLEEN

MOLINO'S PIZZA (Continued) **S102135091**

Spiller Address:	41 NORTH GATES
Spiller City,St,Zip:	LACKAWANNA, NY 14218
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RMC"08/10/95: RMC/MCDERMOTT/PHONE LIQUID PUT BACK INTO PARTS WASHER, NO DRAINS IMPACTED, SPILL WAS CONFINED TO CEMENT FLOOR, NO ACTION REQUIRED, CLOSE OUT.09/29/95: This is additional information about material spilled from the translation of the old spill file: PETROLEUM NAPTHA
Remarks:	SPILLED PARTS CLEANING FLUID WHILE SERVICING PARTS WASHER AT MIDAS MUFFLER

Material:

Tank Test:

Facility ID:	0551816
DER Facility ID:	63431
Facility Type:	ER
Site ID:	361779
DEC Region:	9
Spill Date:	3/1/2006
Spill Number/Closed Date:	0551816 / 7/13/2007
Spill Cause:	Deliberate
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	1560
Investigator:	CGMCKENZ
Referred To:	Not reported
Reported to Dept:	3/29/2006
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	3/29/2006
Spill Record Last Update:	7/13/2007
Spiller Name:	Not reported
Spiller Company:	MOLINO'S PIZZA
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	CGM ON SITE. INSPECTED FRONT, SIDES, BACK OF RESTAURANT. NO SIGNS OF SPILLED MATERIAL (VEGETABLE OILS) OBSERVED ON GROUNDS. A LABELED DRUM BY BACK DOOR INDICATES THEY DUMP THE GREASE IN THE DRUM. IN THE VERY BACK NEAR THE FENCE IS A SEWER MANHOLE, COULD NOT OPEN BUT DID NOT SMELL UNUSUAL ODORS EMITTED FROM HOLES IN COVER. PROPERTY FENCE

MOLINO'S PIZZA (Continued) **S102135091**

BROKEN IN TWO PLACES TO A PRIVATE DRIVEWAY, PARKING LOT TO NEIGHBORING BUSINESSES. OTHER MANHOLES LOCATED IN PARKINGLOT/ DRIVEWAY DID NOT HAVE ANY INDICATORS OF SUSPECTED SPILL. RESTAURANT STAFF STATES THEY PUT THEIR GREASE IN THE DRUM.04/03/06 CGM T/C W/DAVE JENSEN. CONFIRMED MANHOLE OF CONCERN ON PROPERTY INSIDE FENCED AREA IN BACK YARD. THE FUNKY SMELL HE OBSERVED NOT NOTED DURING EARLIER DEC INSPECTION.SPILL CLOSED, NO FURTHER ACTION REQUIRED.

Remarks: FIRE INSPECTOR NOTED COOKING GREASE BEING DUMPED INTO A 12 INCH STORM SEWER RECEIVER. IN BACK OF BUILDING NEAR DIMOTTOS LOT.

Material:

Site ID:	361779
Operable Unit ID:	1119893
Operable Unit:	01
Material ID:	2109359
Material Code:	0046A
Material Name:	COOKING GREASE
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

D16 **RITE AID #4969** **RCRA-CESQG** **1014919755**
East **3050 UNION RD** **NYR000185439**
< 1/8 **ORCHARD PARK, NY 14127**
0.048 mi.
253 ft. **Site 4 of 7 in cluster D**

Relative:
Higher

Actual:
718 ft.

RCRA-CESQG:

Date form received by agency:	09/29/2011
Facility name:	RITE AID #4969
Facility address:	3050 UNION RD ORCHARD PARK, NY 14127
EPA ID:	NYR000185439
Mailing address:	HUNTER LANE CAMP HILL, PA 17011
Contact:	STEPHANIE A CAIATI
Contact address:	HUNTER LANE CAMP HILL, PA 17011
Contact country:	US
Contact telephone:	(717) 730-8225
Contact email:	SSCAIATI@RITEAID.COM
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting

RITE AID #4969 (Continued) **1014919755**

from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	RITE AID CORP
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	07/27/1998
Owner/Op end date:	Not reported

Owner/operator name:	RITE AID CORP
Owner/operator address:	HUNTER LANE
	CAMP HILL, PA 17011
Owner/operator country:	US
Owner/operator telephone:	(717) 761-2633
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	07/27/1998
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Hazardous Waste Summary:

Waste code:	D001
Waste name:	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code:	D002

RITE AID #4969 (Continued) **1014919755**

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D007
Waste name: CHROMIUM

Waste code: D009
Waste name: MERCURY

Waste code: D010
Waste name: SELENIUM

Waste code: D024
Waste name: M-CRESOL

Waste code: P001
Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste code: P075
Waste name: NICOTINE, & SALTS

Violation Status: No violations found

D17 **RITE AID #4969** **MANIFEST** **S112211276**
East **3050 UNION RD** **N/A**
< 1/8 **ORCHARD PARK, NY 14127**
0.048 mi.
253 ft. **Site 5 of 7 in cluster D**

Relative:
Higher

Actual:
718 ft.

NY MANIFEST:
EPA ID: NYR000185439
Country: USA
Mailing Name: RITE AID #4969
Mailing Contact: RITE AID #4969
Mailing Address: 3050 UNION RD
Mailing Address 2: Not reported
Mailing City: ORCHARD PARK
Mailing State: NY
Mailing Zip: 14127
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: CTD983872698
Trans2 State ID: NJD054126164
Generator Ship Date: 30-May-2013 00:00:00
Trans1 Recv Date: 30-May-2013 00:00:00
Trans2 Recv Date: 06-Jun-2013 00:00:00
TSD Site Recv Date: 11-Jun-2013 00:00:00
Part A Recv Date: Not reported

RITE AID #4969 (Continued) **S112211276**

Part B Recv Date:	Not reported
Generator EPA ID:	NYR000185439
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	3
Units:	P - Pounds
Number of Containers:	1
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	005885305FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	CTD983872698
Trans2 State ID:	OKD981588791
Generator Ship Date:	02-Mar-2013 00:00:00
Trans1 Recv Date:	02-Mar-2013 00:00:00
Trans2 Recv Date:	02-Mar-2013 00:00:00
TSD Site Recv Date:	15-Mar-2013 00:00:00
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000185439
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	2
Units:	P - Pounds
Number of Containers:	1
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	005885733FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N

RITE AID #4969 (Continued) **S112211276**

Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	CTD983872698
Trans2 State ID:	OKD981588791
Generator Ship Date:	02-Mar-2013 00:00:00
Trans1 Recv Date:	02-Mar-2013 00:00:00
Trans2 Recv Date:	02-Mar-2013 00:00:00
TSD Site Recv Date:	15-Mar-2013 00:00:00
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000185439
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	6
Units:	P - Pounds
Number of Containers:	1
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	005885733FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	CTD983872698
Trans2 State ID:	OKD981588791
Generator Ship Date:	2012-09-18
Trans1 Recv Date:	2012-09-18
Trans2 Recv Date:	2012-09-21
TSD Site Recv Date:	2012-10-01
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000185439
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported

RITE AID #4969 (Continued) **S112211276**

Quantity:	2.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	005816190FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	CTD983872698
Trans2 State ID:	OKD981588791
Generator Ship Date:	2012-09-18
Trans1 Recv Date:	2012-09-18
Trans2 Recv Date:	2012-09-21
TSD Site Recv Date:	2012-10-01
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000185439
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	2.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	005816190FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

RITE AID #4969 (Continued) **S112211276**

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	CTD983872698
Trans2 State ID:	OKD981588791
Generator Ship Date:	2012-12-04
Trans1 Recv Date:	2012-12-04
Trans2 Recv Date:	2012-12-07
TSD Site Recv Date:	2012-12-17
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000185439
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	INR000110197
Waste Code:	Not reported
Quantity:	1.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2012
Manifest Tracking Num:	005884875FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

18
SE
< 1/8
0.048 mi.
254 ft.

Relative:
Higher

Actual:
719 ft.

AUSTIN PONTIAC, INC **AST** **U004046052**
3050 UNION RD. @ ORCHARD PARK RD **N/A**
ORCHARD PARK, NY 14127

AST:

Region:	STATE
DEC Region:	9
Site Status:	Unregulated
Facility Id:	9-600217
Program Type:	PBS
UTM X:	Not reported
UTM Y:	Not reported
Expiration Date:	N/A
Site Type:	Other Wholesale/Retail Sales

Affiliation Records:

Site Id:	55080
Affiliation Type:	Facility Owner
Company Name:	JAMES P. BALL
Contact Type:	Not reported
Contact Name:	Not reported

AUSTIN PONTIAC, INC (Continued) **U004046052**

Address1:	12 FOX CHAPEL
Address2:	Not reported
City:	ORCHARD PARK
State:	NY
Zip Code:	14127
Country Code:	001
Phone:	(716) 662-9248
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	55080
Affiliation Type:	Mail Contact
Company Name:	AUSTIN PONTIAC
Contact Type:	Not reported
Contact Name:	STEPHEN J. CASTILONE
Address1:	P.O. BOX 407
Address2:	Not reported
City:	WEST SENECA
State:	NY
Zip Code:	14224
Country Code:	001
Phone:	(716) 675-2200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	55080
Affiliation Type:	On-Site Operator
Company Name:	AUSTIN PONTIAC, INC
Contact Type:	Not reported
Contact Name:	JAMES P. BALL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(716) 675-2200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	55080
Affiliation Type:	Emergency Contact
Company Name:	JAMES P. BALL
Contact Type:	Not reported
Contact Name:	STEPHEN J. CASTILONE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001

AUSTIN PONTIAC, INC (Continued) **U004046052**

Phone:	(716) 685-1403
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	171620
Material Code:	0009
Common Name of Substance:	Gasoline

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	07/01/1986
Capacity Gallons:	500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	02/01/1998
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Material Name:	Gasoline

Tank Number:	002
Tank Id:	171621
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
B01 - Tank External Protection - Painted/Asphalt Coating
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron

AUSTIN PONTIAC, INC (Continued) **U004046052**

Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 05/01/1995
Capacity Gallons: 1000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 02/01/1998
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004
Material Name: Lube Oil

Tank Number: 003
Tank Id: 171622
Material Code: 2642
Common Name of Substance: Used Oil (Heating, On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
D08 - Pipe Type - Equivalent Technology
I00 - Overfill - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 01/01/1993
Capacity Gallons: 250
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 02/01/1998
Register: True
Modified By: TRANSLAT
Last Modified: 03/04/2004
Material Name: Used Oil (Heating, On-Site Consumption)

Tank Number: 004
Tank Id: 171623
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
I03 - Overfill - Automatic Shut-Off

AUSTIN PONTIAC, INC (Continued) **U004046052**

G00 - Tank Secondary Containment - None
D08 - Pipe Type - Equivalent Technology
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	11/01/1988
Capacity Gallons:	500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	02/01/1998
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Material Name:	Waste Oil/Used Oil

Tank Number:	005
Tank Id:	171624
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
D08 - Pipe Type - Equivalent Technology
I00 - Overfill - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	01/01/1993
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	02/01/1998
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Material Name:	Waste Oil/Used Oil

D19 **WALKER'S SERVICE** **UST** **U003317255**
ENE **UNION & MICHAEL RDS** **N/A**
< 1/8 **ORCHARD PARK, NY 14127**
0.048 mi.
255 ft. **Site 6 of 7 in cluster D**

Relative:
Lower

Actual:
715 ft.

UST:

Id/Status:	9-224278 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	9
Expiration Date:	N/A
UTM X:	193214.54000000001
UTM Y:	4745869.5198499998
Site Type:	Retail Gasoline Sales

Affiliation Records:

Site Id:	53233
Affiliation Type:	Facility Owner
Company Name:	HARVEY L WALKER
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	292 UNION RD
Address2:	Not reported
City:	WEST SENECA
State:	NY
Zip Code:	14224
Country Code:	001
Phone:	(716) 674-8677
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	53233
Affiliation Type:	Mail Contact
Company Name:	HARVEY L WALKER
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	292 UNION RD
Address2:	Not reported
City:	WEST SENECA
State:	NY
Zip Code:	14224
Country Code:	001
Phone:	(716) 674-8677
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	53233
Affiliation Type:	On-Site Operator
Company Name:	WALKERS SERVICE
Contact Type:	Not reported
Contact Name:	HARVEY L WALKER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

WALKER'S SERVICE (Continued) **U003317255**

Zip Code:	Not reported
Country Code:	001
Phone:	(716) 674-9917
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	53233
Affiliation Type:	Emergency Contact
Company Name:	HARVEY L WALKER
Contact Type:	Not reported
Contact Name:	RANDY L WALKER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(716) 537-9030
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	1
Tank ID:	164637
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	3000
Install Date:	01/01/1957
Date Tank Closed:	08/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

WALKER'S SERVICE (Continued) **U003317255**

Tank Number:	2
Tank ID:	164638
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	3000
Install Date:	01/01/1957
Date Tank Closed:	08/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
B00 - Tank External Protection - None

Tank Number:	3
Tank ID:	164639
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	01/01/1973
Date Tank Closed:	08/01/1994
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None

WALKER'S SERVICE (Continued) **U003317255**

I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

D20 **NATIONAL FUEL GAS LINE** **NY Spills** **S104880478**
ENE **UNION & MICHAEL STS** **N/A**
< 1/8 **ORCHARD PARK/WEST SENECA, NY**
0.053 mi.
281 ft. **Site 7 of 7 in cluster D**

Relative:
Higher

Actual:
716 ft.

SPILLS:

Facility ID:	0075493
DER Facility ID:	165341
Facility Type:	ER
Site ID:	198672
DEC Region:	9
Spill Date:	11/1/2000
Spill Number/Closed Date:	0075493 / 1/25/2005
Spill Cause:	Unknown
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Unable/unwilling Responsible Party. Corrective action taken. (ISR)
SWIS:	1500
Investigator:	BFGRABER
Referred To:	Not reported
Reported to Dept:	11/14/2000
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	12/3/2004
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	11/14/2000
Spill Record Last Update:	5/17/2011
Spiller Name:	RANDY WALKER
Spiller Company:	WALKER SERVICE
Spiller Address:	3008 UNION ROAD
Spiller City,St,Zip:	ORCHARD PARK, NY 14127-
Spiller Company:	001
Contact Name:	CHARLES BURKE
Contact Phone:	(716) 827-2359
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "BG"11/14/00: RMC/SITE CHECKED EXCAVATION SIGNIFICANT IMPACT OF GASOLINE NOTED, RMC HIRED NWI TO INVESTIGATE AND REMOVED CONTAMINATION SO THAT NATIONAL FUEL CAN PROCEED WITH REPAIR, RMC ADVISED SAC AND PJB OF WORK,11/15/00: RMC/SITE EXCAVATING SIGNIFICANTLY IMPACED SOILS IN NFG EXCAVATION, SOURCE UNKNOWN AT THIS TIME, TAKED WITH RANDY WALKER, OWNER OF 3008 UNION, HE HAD 45,000 DOLLARS OF WORK DONE CLEANING UP THE PROPERTY IN 1994, DEC FILE 9406100 CLEAN CLOSURE, RMC ADVISED WE DO NOT YET KNOW SOURCE, 11/17/00: RMC/SITE WORK CONTINUES, HEAVILY IMPACTED SOILS IN THE NATURAL GAS LINE TRENCH, APPEARS TO BE ISOLATED TO THE TRENCH 11/20/00: RMC/NWI/PHONE NO WORK ON SITE TODAY, TO RESUME TOMORROW12/01/00: RMC/FILE NUMEROUS VISITS, EXCAVATION COMPLETED

NATIONAL FUEL GAS LINE (Continued) **S104880478**

ALONG UNION AND MICHAEL, SIGNIFICANT CONTAMINATION FOUND IN NFG TRENCH, CAN EXCAVATE TO VISUAL CLEAN EXCEPT FOR A 2 TO 12 INCH LAYER OF NATURAL SAND, 12 TO 24 INCHES BELOW GRADE, RMC INSTRUCTED NWI TO SAMPLE LAYER AND BELOW, ALSO BOTTOM , TOTAL OF 8 TO 10 SAMPLES, NO PATH TO ANY RP FOUND TO DATE, 12/30/00: RMC/FILE REVIEW, EXCEEDANCES IN NUMEROUS LOCATION IN POST EXCAVTION SAMPLES, NWI REPORT DUE 1/15/0103/23/01: RMC/RANDY WALKER/PHONE. DRIVEWAY IS IN NEED OF GRADING, RMC CONTACTED NWECC, THEY WILL GRADE AS NECESSARY. ALSO REQUESTED REPORT. DUE 4/1/0105/18/01: RMC/PJB/MEETING, WENT OVER TEST RESULTS AND DRAFT NWECC REPORT, CONTAMINATION FOUND MOST CONCENTRATED AT AREAS ADJACENT TO THE FROMER PUMP ISLAND AT 3008 UNION, WALKER SERVICE, SOURCE IS OBVIOUS, PUMP ISLAND IS LIKELY SOURCE, REQUESTED FINAL REPORT, WILL THEN VISIT WALKER TO DISCUSS FINDING AND REMEDIATION OF OLD ISLAND AREA, REPORT DUE 6/15/0111/20/02: RMC/FILE. REFERED TO LONG TERM GROUP FOR FOLLOW UP. 01/06/03: SPILL REASSIGNED TO BG.01/08/03: BG SITE VISIT. PUMP ISLAND REMAINS IN-PLACE.BG CONTACTED ORCHARD PARK ASSESSORS OFFICE TO GET UP-TO-DATE OWNER'S NAME & MAILING ADDRESS OF WALKER SERVICE: HARVEY WALKER 3008 UNION ROAD BUFFALO, NEW YORK 14224 PHONE # (716) 674-991701/09/03: BG SENT HARVEY WALKER RP LETTER W/ROE FORM. RESPONSE DUE 2/14/03. 01/14/03: RANDY WALKER T/C BG AND SAID HARVEY IS IN FLA. - WILL SIGN ROE AND RETURN ASAP (MAY NOT BE BY 2/14/03). 02/10/03: REC'D SIGNED ROE TO INVESTIGATE FROM HARVEY WALKER.02/26/03: BG SITE VISIT TO ACQUIRE ROE FROM ADJACENT PROPERTY OWNER SOUTH OF 3008 UNION. HE REFUSED. THE OWNER IS: BRUNO MOLINO 3020 S. UNION ROAD ORCHARD PARK, NY PH # (716) 675-301500/12/03: BG SENT NATURE'S WAY APPROVAL LETTER TO INVESTIGATIVE WORK PLAN.03/12/03: BG SITE VISIT. SPOKE TO RANDY WALKER AND TOLD HIM OF ANTICIPATED DATES OF FIELD INVESTIGATION (MARCH 24-28) AND WHAT WILL BE DONE. HE SAID THAT WOULD BE OK WITH HIM.03/26/03: NATURES WAY ON-SITE AND PERFORMED GEOPROBE SOIL SAMPLING TO DELINEATE CONTAMINATION. REPORT EXPECTED BY 4/30/03.04/24/03: REC'D INVESTIGATION SOIL SAMPLE ANALYSIS FROM LAB W/PAYMENT REQUEST PACKAGE.05/21/03: REC'D SUBSURFACE INVESTIGATION REPORT FROM NW. BG T/C NW AND INFORMED THEM ANALYTICAL DATA TABLE AND SECTION 4.1.3 IS INCORRECT.06/11/03: REC'D CORRECTIONS TO INVESTIGATION REPORT FROM NATURE'S WAY.06/13/03: BG T/C DALE G. (NW) AND REQUESTED AN ESTIMATE FOR REMEDIAL WORK.06/20/03: REC'D ESTIMATE FROM NATURE'S WAY FOR SITE REMEDIATION.06/23/03: BG SITE VISIT. GAVE RANDY WALKER COPY OF INVESTIGATION REPORT AND REMEDIATION COST ESTIMATE BY NATURE'S WAY. TOLD HIM DEC WILL SEND A RP LETTER AND ROE FORM FOR REMEDIATION TO HARVY WALKER (OWNER) TO SIGN IF OWNER DOESN'T WANT TO DO WORK. BG EXPLAINED OPTIONS. 06/30/03: RP LETTER W/ROE FORM SENT (CERTIFIED) TO HARVY WALKER FOR SITE REMEDIATION. RESPONSE DUE 8/4/02.07/29/03: BG REC'D CALL FROM PAUL NOTARO-RP'S ATTORNEY REQUESTING A 30-DAY EXTENSION TO RESPOND TO RP LETTER/ROE FORM FOR REMEDIATION. OK FOR EXTENSION - BG REQUESTED LETTER FROM WALKER OR ATTORNEY TO ADDRESS EXTENSION. 07/31/03: REC'D LETTER FROM PAUL NOTARO CONFIRMING REQUEST FOR EXTENSION.09/05/03: BG T/C PAUL NOTARO ASKING WHAT IS WALKER'S RESPONSE TO RP LETTER TO REMEDIATE. HE IS STILL CONFERRING WITH ENVIRONMENTAL ATTORNEY AND REQUESTED ANOTHER EXTENSION. OK GIVEN FOR EXTENSION. 09/17/03: BG T/C PAUL NOTARO'S OFFICE REQUESTING LETTER STATING PERIOD OF EXTENSION. BG WAS TOLD REQUEST IS FOR EXTENSION TO OCTOBER 10, 2003. PAUL WILL SEND LETTER. 09/22/03: REC'D LETTER FROM PAUL NOTARO CONFIRMING REQUEST FOR EXTENSION TO RESPOND BY OCTOBER 10,2003 TO THE 6/30/03 RP LETTER AND R-O-E FORM.10/17/03: BG T/C PAUL NOTARO. PAUL IS TRYING TO SCHEDULE A MEETING WITH AN (ENVIRONMENTAL) ATTORNEY. AFTER HE SCHEDULES THE

NATIONAL FUEL GAS LINE (Continued) **S104880478**

MEETING, HE WILL SEND A LETTER STATING THIS WITH A DATE HE WILL RESPOND TO THE 6/30/03 RP LETTER W/R-O-E FORM. 11/10/03: PAUL NOTARO T/C BG AND SAID LETTER WAS SENT 11/07/03 STATING HENRY KILLEEN (ENVIRONMENTAL ATTORNEY) IS LOOKING AT FILE AND DEC WILL GET A RESPONSE FROM WALKER ON R-O-E BY NOVEMBER 28, 2003.11/12/03: REC'D LETTER FROM NOTARO REQUESTING EXTENSION UNTIL 11/28/03 TO RETURN R-O-E FORM. 12/03/03: HENRY KILLEEN (ENVIRONMENTAL ATTORNEY ADVISING PAUL NOTARO) T/C BG AND ASKED BG TO SUMMARISE SPILL AND CLEANUP. HE REQUESTED 2 WEEKS TO WORK W/NOTARO AND WALKER TO ADVISE WALKER WHAT TO DO.12/19/03: BG T/C PAUL NOTARO - NOT IN - LEFT MESSAGE TO RETURN CALL TO UPDATE DEC OF WALKERS PLANS. 12/23/03: BG T/C PAUL NOTARO - NOT AVAILABLE - LEFT MESSAGE TO RETURN CALL.12/29/03: LETTER TO PAUL NOTARO REQUESTING PLANS OR SIGNED R-O-E FORM FROM HARVY WALKER BY 1/16/03 OR DEC WILL REFER SPILL TO AG's OFFICE TO AQUIRE LEGAL ACCESS TO REMEDIATE. 01/13/04: BG T/C PAUL NOTARO AND WAS TOLD OWNER INTENDS TO SELL PROPERTY AND WILL TRY TO GET (SIGNED) R-O-E RETURNED TO DEC SOON.02/02/04: BG T/C PAUL NOTARO AND WAS TOLD HE IS WAITING FOR WALKER TO RETURN SIGNED R-O-E FORM TO FORWARD ONTO SPILLS.03/15/04: BG CALLED PAUL NOTARO - NOT IN. LEFT MESSAGE TO RETURN CALL.05/05/04: REC'D SIGNED R-O-E FORM FROM HARVY WALKER.05/07/04: SENT C&W ENVIRONMENTAL "AUTHORIZATION TO PROCEED" FORM- TO SUBMIT RAP AND REMEDIATE SITE.05/12/04: BG MET MARK WILDER, CARL CROSSEN AND RANDY WALKER ON-SITE TO DISCUSS WORK TO BE DONE AND COORDINATE WORK W/RANDY TO NOT DISRUPT HIS BUSINESS. C&W TO SUBMIT RAP BY 5/21/04.05/14/04: RAP SUBMITTED BY C&W.05/18/05: BG SENT RAP APPROVAL LETTER TO C&W. BG T/C MARK WILDER AND SAID RAP IS OK. 05/19/04: MARK WILDER ON-SITE AND RANDY WALKER TOLD HIM THEY COULD NOT EXCAVATE.05/20/04: BG SITE VISIT. RANDY AND HARVY WALKER TOLD ME THAT DEC CONTRACTOR COULD NOW EXCAVATE/REMEDIATE. BG INFORMED C&W.05/26/04: C&W ON-SITE. EXCAVATED AND STAGED (HAZ) SOIL ON-SITE TO AERATE.05/27/04: C&W CONTINUED TO EXCAVATE AND STAGE (HAZ) SOIL ON-SITE TO AERATE.06/09/04: C&W ON-SITE REWORKING STAGED SOIL TO AERATE. 06/22/04: REC'D PAY PACKAGE #1 FROM C&W. APPROVED.09/09/04: REC'D ANALYTICAL RESULTS FROM THE POST-EXCAVATION SOIL AND GROUNDWATER SAMPLING. 09/13/04: REC'D PAY PACKAGE #3 FROM C&W. DEC RETURNED IT W/COMMENTS.09/24/04: REC'D REVISED PAY PACKAGE #3 FROM C&W W/REMEDIATION REPORT - APPROVED.10/13/04: DISCUSSED SPILL W/MLD. HE REQUESTED 3 TEMPORARY MW'S BE INSTALLED & PLACED DOWNGRADIENT TO VERIFY CONTAMINATED GW IS NOT TRAVELING OFF-SITE.10/14/04: BG, MLD, LR MET @ SITE AND AGREED WHERE (3) MW'S SHOULD BE LOCATED.10/18/04: REC'D PAY PACKAGE #4 FROM C&W - APPROVED.12/02/04: REC'D PAY PACKAGE #3 FROM LSL - APPROVED AND SENT ON TO ALBANY.12/03/04: C&W & BG ON SITE. C&W INSTALLING (3) TEMP. WELLS TO VERIFY CONTAMINATION HAS NOT MIGRATED OFF SITE. C&W EXPECTS TO SAMPLE TUESDAY. 01/24/05: REC'D FINAL REMEDIATION REPORT. SPILL CLOSED. NO FURTHER WORK REQUIRED.03/03/05: REC'D FINAL PAY REQUEST FROM C&W. APPROVED. 04/21/05: FINAL ISR SIGNEN AND SENT TO AG'S OFFICE.05/17/2011: GPS - PRE-DEVELOPMENT PHASE I & PHASE II FILED IN EDOCS FOR FUTURE REFERENCE. SITE HAS CURRENTLY BEEN REDEVELOPED INTO A WALGREENS. NO IFORMATION AVAILABLE IF ADDITIONAL REMEDIAL WORK WAS COMPLETED DURING THE FACILITIES CONSTRUCTION.

Remarks: WHILE DOING WORK IN THE RIGHT OF WAY, GASOLINE CONTAMINATION WAS FOUND
Not reported

Material:
Site ID: 198672
Operable Unit ID: 838377
Operable Unit: 01
Material ID: 539063

NATIONAL FUEL GAS LINE (Continued) **S104880478**

Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

21
SSW
< 1/8
0.088 mi.
464 ft.

BALLY MATRIX FITNESS **CBS AST** **S102640344**
55 WEISS RD **CBS** **N/A**
ORCHARD PARK, NY 14224

Relative:
Higher

Actual:
721 ft.

CBS AST:

CBS Number:	9-000352
ICS Number:	Not reported
PBS Number:	Not reported
MOSF Number:	Not reported
SPDES Number:	Not reported
Facility Status:	ACTIVE FACILITY
Facility Type:	FARM
Telephone:	(716) 691-4292
Facility Town:	WEST SENECA
Region:	STATE
Expiration Date:	06/15/2000
Total Capacity of All Active Tanks(gal):	0
Operator:	SCOTT CASE
Emergency Contact:	SCOTT CASE
Emergency Phone:	(716) 433-1064
Owner Name:	BALLY'S HEALTH & TENNIS CORP.
Owner Address:	8700 WEST BRYN MAWR AVE
Owner City,St,Zip:	CHICAGO, IL 60631
Owner Telephone:	(312) 380-3000
Owner Type:	Corporate/Commercial
Owner Sub Type:	Not reported
Mail Name:	BALLY'S HEALTH & TENNIS CORP.
Mail Contact Addr:	8700 WEST BRYN MAWR AVE
Mail Contact Addr2:	Not reported
Mail Contact Contact:	SCOTT CASE
Mail Contact City,St,Zip:	CHICAGO, IL 60631
Mail Phone:	(312) 380-3000
Tank Id:	001
CAS Number:	7681529
Federal ID:	Not reported
Tank Status:	0
Install Date:	00/00
Tank Closed:	00/00
Capacity (Gal):	200
Chemical:	Sodium hypochlorite
Tank Location:	ABOVEGROUND

BALLY MATRIX FITNESS (Continued) **S102640344**

Tank Type:	Fiberglass coated steel
Total Tanks:	0
Tank Secret:	False
Tank Containment:	None
Tank Error Status:	No Missing Data
Date Entered:	06/13/1994
Certified Date:	03/31/1998
Substance:	More than one Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	None
Pipe Location:	Aboveground
Pipe Type:	PLASTIC
Pipe Internal:	None
Pipe External:	0
Pipe Containment:	None
Pipe Flag:	None
Leak Detection:	None
Overfill Protection:	Product Level Gauge
Haz Percent:	13
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	1468
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	Not reported
Is It There:	False
Delinquent:	False
Date Expired:	Not reported
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	03/01/2000

CBS:

CBS Number:	9-000352
Program Type:	CBS
Facility Status:	Unregulated
Expiration Date:	N/A
Dec Region:	9
UTMX:	192962.29454999
UTMY:	4745603.2564399

E22 **U-HAUL** **LTANKS** **S104514672**
SSE **3120 ORCHARD PARK ROAD** **N/A**
1/8-1/4 **WEST SENECA, NY**
0.168 mi.
887 ft. **Site 1 of 3 in cluster E**

Relative:
Higher

Actual:
733 ft.

LTANKS:

Site ID:	135529
Spill Number/Closed Date:	9712602 / 4/20/1998
Spill Date:	2/11/1998
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

U-HAUL (Continued) **S104514672**

Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	1568
Investigator:	RMCROSSE
Referred To:	Not reported
Reported to Dept:	2/11/1998
CID:	351
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	4/20/1998
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	2/11/1998
Spill Record Last Update:	5/11/1998
Spiller Name:	REID RINER
Spiller Company:	AMERCO REAL ESTATE
Spiller Address:	2721 NORTH CENTRAL AVENUE
Spiller City,St,Zip:	PHOENIX, AZ 85004-
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	9
DER Facility ID:	116376
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RMC"02/12/98 RMC/REID RINER/PHONE CONTAMINATED AREA OVEREXCAVATED TO VISUALLY CLEAN, A LOAD OF SOIL OR SO REMOVED, SAMPLES TAKEN, REPORT DUE 4/1/9804/20/98 RMC/FILE RECEIVED REPORT, MINOR EXCEEDANCES, DISPOSAL FOR SOIL AND WATER DOCUMENTED, NO FURTHER ACTION NECESSARY, CLOSE OUT
Remarks:	2 U/GGASOLINE TANKS AND 1 U/G DIESEL TANK BEING REMOVED - APPEARS EITHER AN OVER FILL OR LINE FAILURE OF DIESEL TANK CAUSED SPILL

Material:

Site ID:	135529
Operable Unit ID:	1055467
Operable Unit:	01
Material ID:	327204
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

E23 **U HAUL** **NY Spills** **S100155152**
SSE **3120 ORCHARD PARK ROAD** **N/A**
1/8-1/4 **ORCHARD PARK, NY**
0.172 mi.
909 ft. **Site 2 of 3 in cluster E**

Relative:
Higher

Actual:
733 ft.

SPILLS:

Facility ID:	8708463
DER Facility ID:	277595
Facility Type:	ER
Site ID:	135528
DEC Region:	9
Spill Date:	1/1/1988
Spill Number/Closed Date:	8708463 / 1/5/1988
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Unknown Responsible Party. Corrective action taken. (ISR)
SWIS:	1560
Investigator:	MXFRANKS
Referred To:	Not reported
Reported to Dept:	1/4/1988
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Citizen
Cleanup Ceased:	1/5/1988
Cleanup Meets Std:	True
Last Inspection:	1/5/1988
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1/4/1988
Spill Record Last Update:	8/4/2009
Spiller Name:	Not reported
Spiller Company:	U HAUL
Spiller Address:	3120 ORCHARD PARK ROAD
Spiller City,St,Zip:	ORCHARD PARK, NY
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MF" / / : MF TO INVESTIGATE. / / : MF 1/5/88 SITE VISIT/TIMOTHY NEEDHAM, NO SIGN OF OIL ON SITE, USED OIL BURNED ON SITE, TANKS INSTALLED IN 1982. NO EARTHWORK NOTICED.
Remarks:	POSSIBLE TANK FAILURE, U HAUL DUG DITCH TO DRAIN

Material:

Site ID:	135528
Operable Unit ID:	913124
Operable Unit:	01
Material ID:	463851
Material Code:	0022
Material Name:	Waste Oil/Used Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

U HAUL (Continued) **S100155152**

Tank Test:

E24
SSE
1/8-1/4
0.207 mi.
1092 ft.

ROAD RECONSTRUCTION **NY Spills** **S107658371**
SR 240 AND SR 277 **N/A**
ORCHARD PARK, NY

Site 3 of 3 in cluster E

Relative:
Higher

Actual:
736 ft.

SPILLS:

Facility ID:	0551775
DER Facility ID:	311533
Facility Type:	ER
Site ID:	361339
DEC Region:	9
Spill Date:	2/1/2002
Spill Number/Closed Date:	0551775 / 3/21/2006
Spill Cause:	Unknown
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	1560
Investigator:	RMCROSSE
Referred To:	Not reported
Reported to Dept:	2/2/2002
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	3/21/2006
Spill Record Last Update:	3/21/2006
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	Not reported
Spiller Company:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	03/21/06 RMC/FILE. PJB SENT I LETTER 03/06/02.
Remarks:	REPORT FOR ROAD CONSTRUCTION PROJECT IDED PETROLEUM CONTAMINATION

Material:

Site ID:	361339
Operable Unit ID:	1119491
Operable Unit:	01
Material ID:	2108917
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons

ROAD RECONSTRUCTION (Continued) **S107658371**

Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

25
NW
1/8-1/4
0.209 mi.
1104 ft.

Relative:
Higher

Actual:
720 ft.

DRUM AT ARDOVINI HOUSE **NY Spills** **S102561466**
1680 ORCHARD PARK ROAD **N/A**
WEST SENECA, NY

SPILLS:
Facility ID: 9700833
DER Facility ID: 82907
Facility Type: ER
Site ID: 92312
DEC Region: 9
Spill Date: 4/1/1997
Spill Number/Closed Date: 9700833 / 2/2/1999
Spill Cause: Abandoned Drums
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 1568
Investigator: SORGI
Referred To: Not reported
Reported to Dept: 4/18/1997
CID: 282
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: DEC
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: 4/18/1997
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 4/18/1997
Spill Record Last Update: 3/1/1999
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: LAWRENCE ARDOVINI
Contact Phone: (716) 675-1970
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MJS"04/18/97: MJS CONTACTED BY RADIO. MJS SITE INSPECT. MR ARDOVINI NOT HOME. FOUND DRUM IN DRIVEWAY. DRUM HAD FOLLOWING MARKINGS: LABEL ON TOP: TYRFIL GS PREPOLYMER SIDE B MADE BY SYNAIR POB 5269 CHATTANOOGA TN 37406 WARNING: ISOCYANATE TERMINATED. PROLONGED EXPOSURE MAY CAUSE BREATHLESSNESS, CHEST DISCOMFORT. SUSPECTED CARCINOGEN. FURTHER SAFETY AND INFORMATION: SYNAIR CUSTOMER SERVICE 800/251-7642 PRINTED ON TOP: BANDAG TIRE CO04/21/97: MJS TELECON WITH MR ARDOVINI. MJS INFORMED HIM THAY DEC WILL ATTEMPT TO HAVE RESPONSIBLE PARTY DISPOSE OF DRUM.04/23/97: MJS DISCUSSED SITE WITH

DRUM AT ARDOVINI HOUSE (Continued) **S102561466**

Remarks:	JIM GROEBE (BECI) AND GAVE HIM COPY OF FILE. MJS TELECON TO SYNAIR CUSTOMER SERVICE. THEY WILL FAX MSDS SHEETS. MJS RECEIVED MSDS FROM SYNAIR.10/14/97: MJS REVIEW FILE. MJS TELECON WITH MIKE KERLE (WEST SENECA). TOWN WILL PICK UP DRUM WITH REFUSE IF LANDFILL DOES NOT OBJECT. HE WILL CALL BACK WITH LANDFILL CONTACT.01/29/99: MJS REVIEW FILE. FINAL DISPOSITION OF DRUM IS UNKNOWN. MJS TELECON TO MIKE KERLE 674-5600 - LEFT MESSAGE FOR HIM TO CALL.02/02/99: MJS TELECON FROM MR KERLE. HE WILL LOOK INTO SITUATION AND CALL BACK.02/04/99: MJS RECEIVED MESSAGE FROM MR KERLE THAT DRUM DISPOSED IN REGULAR WASTE STREAM BY HIGHWAY DEPT. NO FURTHER ACTION REQUIRED. MJS CLOSE FILE. NEW OWNER OF PROPERTY FOUND ABANDONED DRUM IN BACK YARD ABOUT 1/2 FULL.

Material:

Site ID:	92312
Operable Unit ID:	1047087
Operable Unit:	01
Material ID:	337409
Material Code:	9999
Material Name:	Other -
Case No.:	Not reported
Material FA:	Other
Quantity:	30
Units:	Gallons
Recovered:	30
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

26
NNE
1/8-1/4
0.212 mi.
1119 ft.

Relative:
Lower

Actual:
704 ft.

DRAINAGE CREEK/DELTA SONI **NY Spills** **S104952338**
216 UNION ROAD **N/A**
WEST SENECA, NY

SPILLS:

Facility ID:	0075578
DER Facility ID:	232822
Facility Type:	ER
Site ID:	287407
DEC Region:	9
Spill Date:	1/24/2001
Spill Number/Closed Date:	0075578 / 3/28/2001
Spill Cause:	Housekeeping
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	1568
Investigator:	RMCROSSE
Referred To:	Not reported
Reported to Dept:	1/24/2001
CID:	Not reported
Water Affected:	DRAINAGE CREEK
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported

DRAINAGE CREEK/DELTA SONI (Continued) **S104952338**

Cleanup Meets Std:	True
Last Inspection:	3/28/2001
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1/24/2001
Spill Record Last Update:	4/2/2001
Spiller Name:	ROBERT FISCHER
Spiller Company:	DELTA SONIC
Spiller Address:	570 DELAWARE AVENUE
Spiller City,St,Zip:	BUFFALO, NY 14202-
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RMC"01/24/01: SAC GAVE COPY TO LAW ENFORCEMENT AND DIV OF WATER, OFFICER PHELPS TO RESPOND.01/24/01 RMC/SITE. BLUE SOAP IN CREEK, SAME PIPE AS IN SPILL NUMBER 9803132, APPEARS TO BE SAME MATERIAL, FINED DELTA SONIC $1500 LAST TIME, RMC GAVE ECO PHELPS INFORMATION ON LAST TIME, HE WILL DO INVESTIGATION. 03/28/01 RMC/SITE. NO FURTHER DISCHARGE NOTED, UNKNOWN AS TO RESULT OF LAW ENFORCEMENT, NO FURTHER SPILL ACTION REQUIRED, CLOSE OUT
Remarks:	SOAPY SUDS OBSERVED IN DRAINAGE CREEK.

Material:

Site ID:	287407
Operable Unit ID:	836944
Operable Unit:	01
Material ID:	539156
Material Code:	1697A
Material Name:	SOAP
Case No.:	Not reported
Material FA:	Other
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

F27 **AUSTIN PONTIAC** **LTANKS** **S100119781**
SSE **UNION AND ORCHARD PARK** **N/A**
1/8-1/4 **ORCHARD PARK, NY**
0.237 mi.
1251 ft. **Site 1 of 2 in cluster F**

Relative:
Higher

Actual:
739 ft.

LTANKS:

Site ID:	102943
Spill Number/Closed Date:	8808151 / 8/22/1991
Spill Date:	1/11/1989
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Cleanup Ceased:	8/22/1991
Cleanup Meets Standard:	True
SWIS:	1560

AUSTIN PONTIAC (Continued) **S100119781**

Investigator:	PRINGLE
Referred To:	Not reported
Reported to Dept:	1/11/1989
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	3/5/1990
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1/12/1989
Spill Record Last Update:	8/29/1991
Spiller Name:	Not reported
Spiller Company:	VIRG AUSTIN PONTIAC
Spiller Address:	UNION AND ORCHARD PARK RD
Spiller City,St,Zip:	WEST SENECA, NY 14224
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	9
DER Facility ID:	91114
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MNP"01/13/89: CAF SITE VISIT-TOLD BY SERVICE MGR. THAT TANK PULL RESCHEDULED TO WED. 1/18/89 AT 9 AM.01/18/89: CAF SITE INSPECTION TANK PULL RESCHEDULED TO A LATER DATE. 01/20/89: CAF TANK REMOVAL COMPLETED,SOIL AND GROUND WATER TESTED FOR ODOR AND SHEEN FOUND TO BE ACCEPTABLE.TANK TO BE CUT OPEN,CLEANED AND REMOVEDTANK CONTENTS TO BE TESTED AND RESULTS SENT TO ME. 01/23/89: CAF TELCON WITH S. ROBLEE-SAFETY CLEAN TO PROVIDE RECEIPTS FOR CONT ENTS OF TANK AND OILY MATERIAL SPILLED DURING TANK REMOVAL. 03/05/90: CAF SITE VISIT OILY SPILL MATERIAL STILL IN DRUMS ON SCENE.CLEANUP IN NEAR FUTURE BY CHEMICAL WASTE MANAGEMENT. 08/22/91: 8/22/91 MNP FILE REVIEW DISPOSAL RECEIPTS RECEIVED 7/12/91, NO FURTHER ACTION NEEDED, COMPLETE.
Remarks:	TANK WILL BE OUT AT 12:00 1/13/89-TANK SAID TO HAVE WATER IN IT.TANK REPORTED TO BE 1,000 GAL. CAPACITY AND CONTAIN WASTE OIL.

Material:

Site ID:	102943
Operable Unit ID:	923785
Operable Unit:	01
Material ID:	452916
Material Code:	0022
Material Name:	Waste Oil/Used Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

F28 **PILOT FREIGHT** **NY Spills** **S102132772**
SSE **UNION & ORCHARD PARK RD.** **N/A**
1/8-1/4 **ORCHARD PARK, NY**
0.237 mi.
1251 ft. **Site 2 of 2 in cluster F**

Relative:
Higher

Actual:
739 ft.

SPILLS:

Facility ID:	8601337
DER Facility ID:	165611
Facility Type:	ER
Site ID:	198986
DEC Region:	9
Spill Date:	5/27/1986
Spill Number/Closed Date:	8601337 / 9/5/1986
Spill Cause:	Traffic Accident
Spill Class:	Not reported
SWIS:	1560
Investigator:	MJHINTON
Referred To:	Not reported
Reported to Dept:	5/27/1986
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Police Department
Cleanup Ceased:	9/5/1986
Cleanup Meets Std:	True
Last Inspection:	8/7/1986
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	6/4/1986
Spill Record Last Update:	9/8/1986
Spiller Name:	Not reported
Spiller Company:	PILOT FREIGHT
Spiller Address:	4400 RIVER ROAD
Spiller City,St,Zip:	TONAWANDA, NY
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MJH" / / : SITE INSPECTION 05/27/86, CLEANUP REQUIRED AND UNDER-BY NYSE&G AND PILOT FREIGHT. / / : SAMPLE BY NYSE&G, TELECON 05/28/86 - NON PCB OIL. / / : T.V. CHANNEL 2,4,&7 ON SCENE. / / : DISPOSAL OF SPEEDY DRY & MINERAL OIL PENDING, TELCON 8/7/86 W/ NYSEG,PILOT,BFI SHOULD MOVE THINGS ALONG.
Remarks:	TRACTOR TRAILER HIT POWER POLE, TRANSFORMER ON POLE LEAKED ONTO TRAILER

Material:

Site ID:	198986
Operable Unit ID:	898936
Operable Unit:	01
Material ID:	477879
Material Code:	0017A
Material Name:	PCB OIL
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	25
Units:	Gallons
Recovered:	No

PILOT FREIGHT (Continued) **S102132772**

Resource Affected:	Not reported
Oxygenate:	False
Site ID:	198986
Operable Unit ID:	898936
Operable Unit:	01
Material ID:	477880
Material Code:	0020A
Material Name:	TRANSFORMER OIL
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

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29 OILY SHEEN IN YARD **NY Spills** **S106697655**
WNW 139 DOVER DR. **N/A**
1/4-1/2 WEST SENECA, NY
0.251 mi.
1327 ft.

Relative:
Lower

Actual:
714 ft.

SPILLS:

Facility ID:	0475207
DER Facility ID:	190299
Facility Type:	ER
Site ID:	230925
DEC Region:	9
Spill Date:	7/22/2004
Spill Number/Closed Date:	0475207 / 7/22/2004
Spill Cause:	Unknown
Spill Class:	No spill occured. No DEC Response. No corrective action required.
SWIS:	1568
Investigator:	RJJONAK
Referred To:	Not reported
Reported to Dept:	7/22/2004
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	7/22/2004
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	7/22/2004
Spill Record Last Update:	7/22/2004
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	JOANN STRELL

OILY SHEEN IN YARD (Continued) **S106697655**

Contact Phone:	(716) 675-6080
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RJJ"7/22/2004: RJJ AT SITE AT 1100...IN MRS. STRELL'S BACKYARD,THERE IS AN ORGANIC SHEEN,NOT PETROLEUM...I EXPLAINED WHAT THIS IS AND SHE WAS SATISFIED AND RELIEVED...NO FURTHER ACTION NEEDED...SPILL CLOSED OUT. ***** NOTE,COMPUTER FILE ONLY *****
Remarks:	CALLER SAID THAT THERE IS AN OIL-LOOKING SHEEN IN HER BACK YARD IN HER GRASS.

Material:

Site ID:	230925
Operable Unit ID:	891445
Operable Unit:	01
Material ID:	486193
Material Code:	0064A
Material Name:	UNKNOWN MATERIAL
Case No.:	Not reported
Material FA:	Other
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

30
NNE
1/4-1/2
0.298 mi.
1576 ft.

Relative: Higher

Actual: 716 ft.

MILKY SUBSTANCE **NY Spills** **S106005362**
266 UNION ROAD **N/A**
WEST SENECA, NY

SPILLS:

Facility ID:	0275193
DER Facility ID:	113968
Facility Type:	ER
Site ID:	132340
DEC Region:	9
Spill Date:	7/8/2002
Spill Number/Closed Date:	0275193 / 7/24/2002
Spill Cause:	Unknown
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	1568
Investigator:	RMCROSSE
Referred To:	Not reported
Reported to Dept:	7/8/2002
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	7/24/2002
Recommended Penalty:	False
UST Trust:	False

MILKY SUBSTANCE (Continued) **S106005362**

Remediation Phase:	0
Date Entered In Computer:	7/8/2002
Spill Record Last Update:	7/24/2002
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ -
Spiller Company:	001
Contact Name:	JOAN ZIMPFER (CITIZEN)
Contact Phone:	(716) 674-1883
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RMC"07/24/02 RMC/FILE. LOOKED AT SEVERAL TIMES, DID NOT REPEAT. CONTACTED COMPLAINTANT WHO WILL CALL IF HAPPENS AGAIN, CLOSE OUT. COMPUTER FILE ONLY.
Remarks:	MILKY SUBSTANCE IN CREEK. PROBLEM HAS BEEN ONGOING.

Material:

Site ID:	132340
Operable Unit ID:	867954
Operable Unit:	01
Material ID:	507554
Material Code:	0064A
Material Name:	UNKNOWN MATERIAL
Case No.:	Not reported
Material FA:	Other
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

G31 **EUGENE L. TUERK** **NY Spills** **S104497519**
SSE **3193 ORCHARD PARK ROAD** **N/A**
1/4-1/2 **ORCHARD PARK, NY**
0.300 mi.
1582 ft. **Site 1 of 3 in cluster G**

Relative:
Higher

Actual:
748 ft.

SPILLS:

Facility ID:	8605718
DER Facility ID:	220798
Facility Type:	ER
Site ID:	271268
DEC Region:	9
Spill Date:	12/9/1986
Spill Number/Closed Date:	8605718 / 1/7/1987
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	1560
Investigator:	PRINGLE
Referred To:	Not reported
Reported to Dept:	12/9/1986
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Passenger Vehicle
Spill Notifier:	Police Department

EUGENE L. TUERK (Continued) **S104497519**

Cleanup Ceased:	1/7/1987
Cleanup Meets Std:	True
Last Inspection:	1/7/1987
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	12/17/1986
Spill Record Last Update:	1/20/1987
Spiller Name:	Not reported
Spiller Company:	EUGENE L. TUERK
Spiller Address:	21 LEGION PARKWAY APT. 3
Spiller City,St,Zip:	LANCASTER, NY
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MNP" / / : TELECON 12/17/86, TO RETURN CALL TOMORROW. / / : SITE INSP. 12/09/86, CLEANUP REQUIRED OF CONT. SAND;TELECONS 12/10/86 TO 12/12/86, SPILLER AGREED TO CLEANUP; SITE INSP. 12/15/86, NO WORK. / / : TELECON 12/17/86, TO RETURN CALL TOMORROW;SITE INSP. 1/7/87, CLEANUP SATISFACTORY.
Remarks:	COMPLETE

Material:

Site ID:	271268
Operable Unit ID:	903080
Operable Unit:	01
Material ID:	474881
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15
Units:	Gallons
Recovered:	10
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

G32 **DELTA SONIC** **NY Spills** **S108957458**
SSE **3203 ORCHARD PARK ROAD** **N/A**
1/4-1/2 **ORCHARD PARK, NY**
0.315 mi.
1664 ft. **Site 2 of 3 in cluster G**

Relative:
Higher

Actual:
751 ft.

SPILLS:

Facility ID:	0751023
DER Facility ID:	338457
Facility Type:	ER
Site ID:	388900
DEC Region:	9
Spill Date:	10/23/2007
Spill Number/Closed Date:	0751023 / 11/18/2008
Spill Cause:	Equipment Failure
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

DELTA SONIC (Continued) **S108957458**

SWIS:	1560
Investigator:	jfotto
Referred To:	Not reported
Reported to Dept:	10/23/2007
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	10/30/2007
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	10/23/2007
Spill Record Last Update:	11/18/2008
Spiller Name:	Not reported
Spiller Company:	BENDERSON DEVELOPMENT
Spiller Address:	570 DELAWARE AVENUE
Spiller City,St,Zip:	BUFFALO, NY 14202
Spiller Company:	999
Contact Name:	AL LYONS
Contact Phone:	(716) 949-9451
DEC Memo:	10/24/07 JFO CALL FROM TOM WOELFLE WITH RUSSO CONSTRUCTION. THEY WANT TO MOVE THE CONTAMINATED SOIL TO THE EXIT 57 TO BIO REMEDIATE WITH THE EXISTING SPILL MATERIAL. THEY WILL SAMPLE WASTE PROFILE AND 8260 AND 8270 STARS. JFO ON SITE MET WITH TOM W. HE HAS REMOVED 3 TANKS ALONG SW BLVD. THE SIDEWALLS AND BOTTOM ARE SHALE.10/26/07 JFO ON SITE MET WITH TOM W AND JOE RUSSO. HE IS REMOVING 3 MORE TANKS ALONG SW BLVD.10/30/07 JFO ON SITE MET WITH TOM W. THE 1ST EXCAVATION HAS BEEN BACHKFILLED. THEY HAVE STARTED DIGGING TO THE WEST TOWARD THE STORE. THERE ARE 2 TANKS THAT WERE CLOSED IN PLACE. THEY WILL REMOVE THEM.12/20/07 JFO CALL TO TOM WOELFLE FOR THE SAMPLE RESULTS. HE WILL CONTACT AL LYONS AND HAVE THEM FAXED.12/24/07 JFO RECEIVED THE TANK SYSTEM CLOSURE REPORT. SAMPLE RESULTS ARE <TAGMS. 2 BOTTOM SAMPLE RESULTS (BOTTOM -1 AND BOTTOM-4).12/28/07 JFO CALL TO AL LYONS. LEFT A MESSAGE01/10/08 JFO RECEIVED THE CLOSURE REPORT REVISED. INCLUDED ARE THE 2 BOTTOM SAMPLE RESULTS BOTH OF WHICH ARE >TAGMS FOR SVOC'S. WHEN THE BIO-TREATMENT IS COMPLETE THE SITE WILL BE "INACTIVE".05/29/08 JFO REC'D THE ANALYTICAL RESULTS FOR THE SOIL BEING BIO-TREATED AT EXIT 57 TRUCK STOP. THE SAMPLES WERE COLLECTED 3/26/08.06/10/08 JFO CALL TO AL LYONS FOR A SKETCH OF THE SOIL PILE WITH SAMPLE LOCATIONS AND A SCHEDULE FOR THE NEXT ROUND OF SAMPLING. LEFT THIS MESSAGE ON HIS V-MAIL.06/13/08 JFO RECEIVED THE SKETCH WITH SAMPLE LOCATIONS.11/06/08 JFO RECEIVED THE BIO REMEDIATION ANALYTICAL DATA REPORT. REMEDIATION IS COMPLETE THE SITE WILL BE "INACTIVE" DUE TO THE 2 BOTTOM SAMPLES. NO FURTHER WORK REQUIRED AT THIS TIME. "I" LETTER ATTACHED.CLOSED
Remarks:	WHILE REMOVING 6 TANKS, LEAKS WERE NOTICED AROUND 2 FILLPORTS. ALL TANKS ARE 4,000 GALLONS.

Material:

Site ID:	388900
Operable Unit ID:	1146053
Operable Unit:	01
Material ID:	2136403
Material Code:	0009
Material Name:	Gasoline

DELTA SONIC (Continued) **S108957458**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

G33 **DELTA SONIC ORCHARD PARK** **LTANKS** **U003317321**
SSE **3205 ORCHARD PARK RD** **UST** **N/A**
1/4-1/2 **ORCHARD PARK, NY 14127** **MANIFEST**
0.318 mi. **NY Spills**
1680 ft. **Site 3 of 3 in cluster G**

Relative:
Higher

Actual:
752 ft.

LTANKS:

Site ID:	343813
Spill Number/Closed Date:	0550112 / 5/25/2005
Spill Date:	4/1/2005
Spill Cause:	Tank Failure
Spill Source:	Gasoline Station
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	True
SWIS:	1560
Investigator:	JFOTTO
Referred To:	Not reported
Reported to Dept:	4/18/2005
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	4/18/2005
Spill Record Last Update:	5/25/2005
Spiller Name:	BRUCE NATALIZIA
Spiller Company:	DELTA SONIC CORP
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	BRUCE NATALIZIA
Spiller Phone:	(716) 998-9963
Spiller Extention:	Not reported
DEC Region:	9
DER Facility ID:	290415
DEC Memo:	04/20/05 JFO TELCON WITH JOHN GRAMZ OF PRIME TIME SRVS. ON MONDAY THEY WILL BE UNCOVERING THE TANK TO MAKE ANY NECESSARY REPAIRS. I WILL VISIT SITE ON MONDAY.05/03/05 JFO TELCON WITH BRUCE N OF DELTA SONIC. THEY ARE REPLACING THE SUBMERSIBLE AND THE RISER AND WILL RETEST. HE WILL FORWARD THE FAILED TEST REPORT AND THE RETEST WHEN COMPLETED.05/13/05 JFO CALL TO PRIME TYME SRVS. THEY WILL FAX BOTH TESTS.05/17/05 JFO REC'D TANK TEST FAILURE FROM PRIME TYME. NEED

DELTA SONIC ORCHARD PARK (Continued) **U003317321**

PASSING TEST.05/18/05 JFO CALL TO BRUCE N OF DELTA SONIC. HE SENT THE PASSING TANK TEST OUT IN TODAY'S MAIL.05/25/05 JFO RECEIVED THE RETEST. TANK PASSED. NO FURTHER ACTION NECESSARY. CLOSED

Remarks: Tank failed tightness test. They believe a truck backed over vent line yesterday allowing water to enter the tank.

Material:

Site ID:	343813
Operable Unit ID:	1102492
Operable Unit:	01
Material ID:	582710
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	343813
Spill Tank Test:	1548820
Tank Number:	8
Tank Size:	4000
Test Method:	21
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	SACALAND
Last Modified:	4/18/2005
Test Method:	Horner EZY3/EZY3 Locator Plus

UST:

Id/Status:	9-225266 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	9
Expiration Date:	2017/08/17
UTM X:	193200.32819999999
UTM Y:	4745127.4471399998
Site Type:	Retail Gasoline Sales

Affiliation Records:

Site Id:	53314
Affiliation Type:	Mail Contact
Company Name:	DELTA SONIC CARWASH SYSTEMS, INC.
Contact Type:	Not reported
Contact Name:	PATRICIA MAJCHRZAK
Address1:	570 DELAWARE AVE
Address2:	Not reported
City:	BUFFALO
State:	NY
Zip Code:	14202
Country Code:	001

DELTA SONIC ORCHARD PARK (Continued) **U003317321**

Phone:	(716) 541--2340
EMail:	PMAJCHRZAK@DELTASONICCARWASH.COM
Fax Number:	Not reported
Modified By:	LDGOMEZ
Date Last Modified:	3/4/2011

Site Id:	53314
Affiliation Type:	On-Site Operator
Company Name:	DELTA SONIC CARWASH-ORCHARD PARK
Contact Type:	Not reported
Contact Name:	DAVE CARY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(716) 674-8312
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MXFRANKS
Date Last Modified:	6/1/2009

Site Id:	53314
Affiliation Type:	Emergency Contact
Company Name:	DELTA SONIC CARWASH SYSTEMS, INC.
Contact Type:	Not reported
Contact Name:	BRUCE NATALIZIA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(716) 998--9963
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MXFRANKS
Date Last Modified:	6/1/2009

Site Id:	53314
Affiliation Type:	Facility Owner
Company Name:	DELTA SONIC CARWASH SYSTEMS, INC.
Contact Type:	V.P. GASOLINE OPERATIONS
Contact Name:	BRUCE A. NATALIZIA
Address1:	570 DELAWARE AVE
Address2:	Not reported
City:	BUFFALO
State:	NY
Zip Code:	14202
Country Code:	001
Phone:	(716) 886-0931
EMail:	Not reported
Fax Number:	Not reported
Modified By:	aeskalsk
Date Last Modified:	11/28/2012

DELTA SONIC ORCHARD PARK (Continued) **U003317321**

Tank Info:

Tank Number:	1
Tank ID:	164857
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	11/01/1985
Date Tank Closed:	10/23/2007
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	aeskalsk
Last Modified:	01/02/2008

Equipment Records:

F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
D11 - Pipe Type - Flexible Piping
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
B04 - Tank External Protection - Fiberglass
E04 - Piping Secondary Containment - Double-Walled (Underground)
H04 - Tank Leak Detection - Groundwater Well
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
C02 - Pipe Location - Underground/On-ground

Tank Number:	10
Tank ID:	219839
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	20000
Install Date:	10/01/2007
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TJWALKER
Last Modified:	11/17/2011

DELTA SONIC ORCHARD PARK (Continued) **U003317321**

Equipment Records:

A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
I03 - Overfill - Automatic Shut-Off
E04 - Piping Secondary Containment - Double-Walled (Underground)
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
D11 - Pipe Type - Flexible Piping
B04 - Tank External Protection - Fiberglass
H05 - Tank Leak Detection - In-Tank System (ATG)
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring

Tank Number:	11A
Tank ID:	219840
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	12000
Install Date:	10/01/2007
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TJWALKER
Last Modified:	11/17/2011

Equipment Records:

F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
D11 - Pipe Type - Flexible Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
I03 - Overfill - Automatic Shut-Off
B04 - Tank External Protection - Fiberglass
H05 - Tank Leak Detection - In-Tank System (ATG)
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
E04 - Piping Secondary Containment - Double-Walled (Underground)
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring

Tank Number:	11B
Tank ID:	219841
Tank Status:	In Service

DELTA SONIC ORCHARD PARK (Continued) **U003317321**

Material Name:	In Service
Capacity Gallons:	8000
Install Date:	10/01/2007
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TJWALKER
Last Modified:	11/17/2011

Equipment Records:

F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
I03 - Overfill - Automatic Shut-Off
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
D11 - Pipe Type - Flexible Piping
B04 - Tank External Protection - Fiberglass
H05 - Tank Leak Detection - In-Tank System (ATG)
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
E04 - Piping Secondary Containment - Double-Walled (Underground)

Tank Number:	2
Tank ID:	164858
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	11/01/1985
Date Tank Closed:	10/23/2007
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	aeskalsk
Last Modified:	01/02/2008

Equipment Records:

F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
L07 - Piping Leak Detection - Pressurized Piping Leak Detector

DELTA SONIC ORCHARD PARK (Continued) **U003317321**

D11 - Pipe Type - Flexible Piping
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
B04 - Tank External Protection - Fiberglass
E04 - Piping Secondary Containment - Double-Walled (Underground)
H04 - Tank Leak Detection - Groundwater Well
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
C02 - Pipe Location - Underground/On-ground

Tank Number:	3
Tank ID:	164859
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	11/01/1985
Date Tank Closed:	10/23/2007
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	aeskalsk
Last Modified:	01/02/2008

Equipment Records:

F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
I03 - Overfill - Automatic Shut-Off
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
D11 - Pipe Type - Flexible Piping
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
C02 - Pipe Location - Underground/On-ground
E04 - Piping Secondary Containment - Double-Walled (Underground)
H04 - Tank Leak Detection - Groundwater Well

Tank Number:	4
Tank ID:	164860
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	8000
Install Date:	11/01/1985
Date Tank Closed:	10/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel

DELTA SONIC ORCHARD PARK (Continued) **U003317321**

Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 18
Date Test: 10/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: AESKALSK
Last Modified: 12/11/2006

Equipment Records:

D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser
F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well
B00 - Tank External Protection - None
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
A01 - Tank Internal Protection - Epoxy Liner
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground

Tank Number: 5
Tank ID: 164861
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 6000
Install Date: 11/01/1985
Date Tank Closed: 10/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 18
Date Test: 10/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
A01 - Tank Internal Protection - Epoxy Liner
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
I00 - Overfill - None
H04 - Tank Leak Detection - Groundwater Well
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser
C02 - Pipe Location - Underground/On-ground

Tank Number: 6

DELTA SONIC ORCHARD PARK (Continued) **U003317321**

Tank ID:	164862
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	11/01/1985
Date Tank Closed:	10/23/2007
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	aeskalsk
Last Modified:	01/02/2008

Equipment Records:

D11 - Pipe Type - Flexible Piping
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
I03 - Overfill - Automatic Shut-Off
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
B04 - Tank External Protection - Fiberglass
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
E04 - Piping Secondary Containment - Double-Walled (Underground)
H04 - Tank Leak Detection - Groundwater Well

Tank Number:	7
Tank ID:	164863
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	11/01/1985
Date Tank Closed:	10/23/2007
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	aeskalsk
Last Modified:	01/02/2008

Equipment Records:

I03 - Overfill - Automatic Shut-Off
C02 - Pipe Location - Underground/On-ground

DELTA SONIC ORCHARD PARK (Continued) **U003317321**

A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
D11 - Pipe Type - Flexible Piping
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
E04 - Piping Secondary Containment - Double-Walled (Underground)
H04 - Tank Leak Detection - Groundwater Well
B04 - Tank External Protection - Fiberglass
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin

Tank Number: 8
Tank ID: 164864
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 11/01/1985
Date Tank Closed: 10/23/2007
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 21
Date Test: 05/05/2005
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: aeskalsk
Last Modified: 01/02/2008

Equipment Records:

A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
I03 - Overfill - Automatic Shut-Off
E04 - Piping Secondary Containment - Double-Walled (Underground)
H04 - Tank Leak Detection - Groundwater Well
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
D11 - Pipe Type - Flexible Piping
G00 - Tank Secondary Containment - None
H99 - Tank Leak Detection - Other
B04 - Tank External Protection - Fiberglass
C02 - Pipe Location - Underground/On-ground

Tank Number: 9
Tank ID: 219838
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 20000
Install Date: 10/01/2007
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground

DELTA SONIC ORCHARD PARK (Continued) **U003317321**

Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TJWALKER
Last Modified: 11/17/2011

Equipment Records:

A00 - Tank Internal Protection - None
J01 - Dispenser - Pressurized Dispenser
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
I03 - Overfill - Automatic Shut-Off
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
D11 - Pipe Type - Flexible Piping
B04 - Tank External Protection - Fiberglass
H05 - Tank Leak Detection - In-Tank System (ATG)
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
E04 - Piping Secondary Containment - Double-Walled (Underground)

NY MANIFEST:
EPA ID: NYD986907921
Country: USA
Mailing Name: DELTA SONIC ORCHARD PARK
Mailing Contact: BRUCE NATALIZIA
Mailing Address: 570 DELAWARE AVE
Mailing Address 2: Not reported
Mailing City: BUFFALO
Mailing State: NY
Mailing Zip: 14202
Mailing Zip4: Not reported
Mailing Country: USA
Mailing Phone: 716-886-0931

NY MANIFEST:
No Manifest Records Available

SPILLS:
Facility ID: 9907918
DER Facility ID: 66875
Facility Type: ER
Site ID: 70477
DEC Region: 9
Spill Date: 9/29/1999
Spill Number/Closed Date: 9907918 / 9/30/1999
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 1560

DELTA SONIC ORCHARD PARK (Continued) **U003317321**

Investigator:	JFOTTO
Referred To:	Not reported
Reported to Dept:	9/29/1999
CID:	246
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	9/29/1999
Spill Record Last Update:	4/16/2002
Spiller Name:	Not reported
Spiller Company:	CROSSETT INC
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	BRUCE NATALIZIA
Contact Phone:	(716) 998-9963
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "JFO"09/30/99: JFO NOTE, SPILL HANDLED BY MARTY DOSTER, DUTY OFFICER. SPILLS NOT NOTIFIED, THUS, NO RESPONSE
Remarks:	driver fueling tank in ground - poss bad connection caused overflowall product recovered

Material:

Site ID:	70477
Operable Unit ID:	1086573
Operable Unit:	01
Material ID:	300601
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10
Units:	Gallons
Recovered:	10
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9512293
DER Facility ID:	66875
Facility Type:	ER
Site ID:	70476
DEC Region:	9
Spill Date:	1/1/1996
Spill Number/Closed Date:	9512293 / 1/4/1996
Spill Cause:	Traffic Accident
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	1560

DELTA SONIC ORCHARD PARK (Continued) **U003317321**

Investigator:	MXFRANKS
Referred To:	Not reported
Reported to Dept:	1/1/1996
CID:	349
Water Affected:	Not reported
Spill Source:	Passenger Vehicle
Spill Notifier:	Fire Department
Cleanup Ceased:	1/4/1996
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1/1/1996
Spill Record Last Update:	1/18/1996
Spiller Name:	Not reported
Spiller Company:	JAMES EDWARDS
Spiller Address:	1075 DLAKEY ROAD
Spiller City,St,Zip:	EAST AURORA, NY
Spiller Company:	001
Contact Name:	BRUCE NATALIZIA
Contact Phone:	(716) 886-0931
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MF"01/02/96: MF T/C DEAN MESSING, EC HAZ MAT. USED 15 PADS, WANT ME TO CONTACT DELTA SONIC FOR DISPOSAL.01/04/96: T/C BRUCE NATALIZIA, HE WILL MAKE SURE PADS GET TO LANDFILL. SMALL SPILL, 10 GALLONS, NO FURTHER ACTION NECESSARY.
Remarks:	spill occured while vehicle was driving through lot - cleaned up w/absorbants

Material:

Site ID:	70476
Operable Unit ID:	1023252
Operable Unit:	01
Material ID:	356046
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10
Units:	Gallons
Recovered:	10
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

34
SSW
1/4-1/2
0.338 mi.
1782 ft.

CUSTOM TOPSOIL COMPANY
CREEKSIDE DRIVE
ORCHARD PARK, NY

NY Spills **S103562324**
N/A

Relative:
Higher

Actual:
726 ft.

SPILLS:

Facility ID:	8906494
DER Facility ID:	190104
Facility Type:	ER
Site ID:	230678
DEC Region:	9
Spill Date:	10/2/1989
Spill Number/Closed Date:	8906494 / 10/2/1989
Spill Cause:	Other
Spill Class:	Not reported
SWIS:	1560
Investigator:	ROSS
Referred To:	Not reported
Reported to Dept:	10/2/1989
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Police Department
Cleanup Ceased:	10/2/1989
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	10/3/1989
Spill Record Last Update:	10/5/1989
Spiller Name:	Not reported
Spiller Company:	CUSTOM TOPSOIL COMPANY
Spiller Address:	320 CRAB APPLE DRIVE
Spiller City,St,Zip:	CHEEKTOWGA, NY
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "LQR"10/02/89: LQR TELCON W/ PD FD CLEANED UP W/SPEEDY DRY.
Remarks:	COMPRESSER OVER TURNED ON TRUCK

Material:

Site ID:	230678
Operable Unit ID:	931558
Operable Unit:	01
Material ID:	446905
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	5
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

35 SSE 1/4-1/2 0.349 mi. 1843 ft.

MOBIL OIL CORP SS 454
3225 ORCHARD PARK RD
ORCHARD PARK, NY

Database(s): RCRA-CESQG, FINDS, LTANKS, NY Spills

EDR ID Number: 1000254044
EPA ID Number: NYD986902021

Relative: Higher

Actual: 756 ft.

RCRA-CESQG:

Date form received by agency:	01/01/2007
Facility name:	MOBIL OIL CORP SS 454
Facility address:	3225 ORCHARD PARK RD ORCHARD PARK, NY 141271224
EPA ID:	NYD986902021
Mailing address:	GALLOWS RD - MKTG ENVIRON FAIRFAX, NY 22037
Contact:	Not reported
Contact address:	GALLOWS RD - MKTG ENVIRON FAIRFAX, NY 22037
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	MOBIL OIL CORP - MKTG ENVIRON
Owner/operator address:	3225 GALLOWS RD FAIRFAX, VA 22037
Owner/operator country:	US
Owner/operator telephone:	(703) 849-3330
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	MOBIL OIL CORP - MKTG ENVIRON
Owner/operator address:	3225 GALLOWS RD FAIRFAX, VA 22037
Owner/operator country:	US
Owner/operator telephone:	(703) 849-3330
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

MOBIL OIL CORP SS 454 (Continued) **1000254044**

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: MOBIL OIL CORP SS 454
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/08/1999
Facility name: MOBIL OIL CORP SS 454
Classification: Not a generator, verified

Date form received by agency: 06/01/1992
Facility name: MOBIL OIL CORP SS 454
Site name: MOBIL OIL CORP.
Classification: Large Quantity Generator

Date form received by agency: 05/29/1990
Facility name: MOBIL OIL CORP SS 454
Classification: Small Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 05/07/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110004447581

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

MOBIL OIL CORP SS 454 (Continued) **1000254044**

LTANKS:

Site ID:	240938
Spill Number/Closed Date:	9110060 / 12/23/1991
Spill Date:	12/21/1991
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station
Spill Class:	Not reported
Cleanup Ceased:	12/23/1991
Cleanup Meets Standard:	True
SWIS:	1560
Investigator:	SACALAND
Referred To:	Not reported
Reported to Dept:	12/21/1991
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	12/23/1991
Spill Record Last Update:	4/21/1992
Spiller Name:	Not reported
Spiller Company:	MOBIL OIL
Spiller Address:	187 WOLF ROAD
Spiller City,St,Zip:	ALBANY, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	9
DER Facility ID:	198124
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SAC"12/23/91: ROBERTA BOTELER INFORMED SAC THAT CONTAMINATION CONSISTED OF SHOVEL FULL OF GRAVEL. LINE WAS REPAIRED.
Remarks:	TESTED LINE COULD NOT HOLD PRESSURE. EXCAVATION,CLEAN UP,AND HELIUM TEST IS PLAN OF ACTION.

Material:

Site ID:	240938
Operable Unit ID:	963724
Operable Unit:	01
Material ID:	418633
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	240938
Spill Tank Test:	1539457

MOBIL OIL CORP SS 454 (Continued) **1000254044**

Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

Site ID:	240939
Spill Number/Closed Date:	9201626 / 5/15/1992
Spill Date:	5/11/1992
Spill Cause:	Tank Failure
Spill Source:	Gasoline Station
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	5/15/1992
Cleanup Meets Standard:	True
SWIS:	1560
Investigator:	MXFRANKS
Referred To:	Not reported
Reported to Dept:	5/11/1992
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	5/13/1992
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	5/15/1992
Spill Record Last Update:	7/24/1992
Spiller Name:	Not reported
Spiller Company:	MOBIL OIL
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	9
DER Facility ID:	198124
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MF"05/15/92: MF 5/13/92 SITE VISIT/CONTRACTOR. NO PRODUCT NOTICED IN THE MW'S. 6" OF WATER PUMPED FROM TANT. SPILL # 9108573 OPEN & ACTIVE. WILL CLOSE THIS SPILL. NO FURTHER ACTION NECESSARY.
Remarks:	TANK TAKING ON WATER - SAME SITE AS SPILL 9108573

Material:

Site ID:	240939
Operable Unit ID:	965706
Operable Unit:	01
Material ID:	412923
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum

MOBIL OIL CORP SS 454 (Continued) **1000254044**

Quantity: 570
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

SPILLS:
Facility ID: 0506876
DER Facility ID: 299441
Facility Type: ER
Site ID: 352146
DEC Region: 9
Spill Date: 9/6/2005
Spill Number/Closed Date: 0506876 / 1/9/2007
Spill Cause: Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 1560
Investigator: FXGALLEG
Referred To: Not reported
Reported to Dept: 9/6/2005
CID: 406
Water Affected: Not reported
Spill Source: Gasoline Station
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 9/6/2005
Spill Record Last Update: 1/9/2007
Spiller Name: SIDNEY CONKLIN
Spiller Company: EXXON MOBIL#10656
Spiller Address: 3225 ORCHARD PARK BLVD
Spiller City,St,Zip: ORCHARD PARK, NY 14127
Spiller Company: 001
Contact Name: SIDNEY CONKLIN
Contact Phone: (716) 873-4021 11
DEC Memo: 9/14/05 FG SPOKE TO SIDNEY CONKLIN WITH GES. SHE SAID THEY COMPLETED BORINGS ON SITE AND WILL BE COLLECTING GW SAMPLES THIS WEEK. THESE SAMPLES WILL BE ANALYZED AND A REPORT OF FINDINGS WILL BE SUBMITTED THE FIRST WEEK IN NOVEMBER 2005.10/26/05 FG DKK MET WITH MOBIL AND GES. MOBIL INDICATED THAT THE REPORT OF FINDINGS WILL BE SUBMITTED BY THE END OF DECEMBER 2005.1/4/06 GES SUBMITTED THE SITE DIVESTMENT ASSESSMENT REPORT. 5 WELLS WERE INSTALLED ON THE SITE ON SEPTEMBER 6 AND 7, 2006. SOIL AND GW SAMPLES WERE COLLECTED FOR ANALYSIS.TOTAL VOC STARS LIST SOIL RESULTS PPB:MW1 2-4 18,256, ELEVATED PID READINGS AND PETROLEUM SHEEN AND ODOR ON WATER NOTED AT 4-7 INTERVALMW2 7-9 45.57MW3 7-8 24.11MW4 5-7 145.4MW5 7-9 67.18TOTAL VOC STARS LIST GW RESULTS PPB:MW1 824.51MW2 1995MW3 1640MW4 1870MW5 139A GPR SURVEY WAS COMPLETED AND TWO ANOMALIES WERE IDENTIFIED.GES WILL CONDUCT

MOBIL OIL CORP SS 454 (Continued) **1000254044**

QUARTERLY GW MONITORING AND SAMPLING. A WP FOR ADDITIONAL INVESTIGATION IN THE FIRST QUARTER OF 2006 WILL BE SUBMITTED. THE NEXT SAMPLING EVENT IS SCHEDULED FOR THE 1ST QUARTER OF 2006.03/14/06: MF RECEIVED GES'S 3/10/06 REPORT. MW'S SAMPLED 2/7/06. IN PPB TOTAL 8260 + MTBE. DEPTH TO GW 1.12 - 4.91'. MW#1 - 2372 + 281 MW#2 - 5 MTBE MW#3 - 503 MTBE MW#4 - 470 MTBE MW#5 - 66 MTBENO SOIL SAMPLING DATA. WORK PLAN TO BE SUBMITTED THE 1ST Q THIS YEAR.03/24/06: MF RECEIVED SUPPLEMENTAL SUBSURFACE INVESTIGATION PLAN. GES PROPOSES MW INSTALLATION INTO 3 SOIL BORINGS WITH SOIL & GW SAMPLING. REPORT DUE 6/30/06.06/30/06 RMC/FILE. RECEIVED REPORT. FIVE WELLS SAMPLED. ALL BELOW 1PPM BTEX PLUS MTBE. PREVIOUS SOILS SAMPLES INDICATE REMEDIATION IS REQUIRED. ADDITIONAL ASSESSMENT IS PLANED THIS QUARTER. REPORT DUE 9/30/2006.12/19/06 IN OCTOBER, MOBIL REMOVED THE UST'S AND ALL ASSOCIATED CONTAMINATION FROM THE SITE. A REPORT OF FINDINGS IS EXPECTED IN JANUARY.GES SUBMITTED THE SITE MONITORING REPORT FOR 5/16/05 TO 9/15/06. GW MONITORING AND SAMPLING WAS COMPLETED ON 9/15/06. THE AVERAGE DEPTH TO WATER ACROSS THE SITE WAS 2.31 FT BELOW TOP OF CASING. SEPARATE PHASE HYDROCRBONS WERE NOT DETECTED IN ANY WELL. THE MAXIMUM BTEX CONCENTRATION WAS 10,368 UG/L AT MW7. THE MAXIMUM MTBE CONCENTRATION WAS 305 UG/L AT MW7.1/8/07 RECD THE EXCAVATION REPORT FOR THE SITE. A TOTAL OF 5289.36 TONS OF CONTAMINATED MATERIAL WAS EXCAVATED BY ARROW AND TRANSPORTED TO BFI LANDFILL. POST EXCAVATION GW MONITORING AND SAMPLING WAS COMPLETED ON NOVEMBER 16, 2006. POST EXCAVATION SOIL SAMPLES FROM THE SIDEWALLS AND FLOOR OF THE EXCAVATION WERE SUBMITTED FOR ANALYSES FOR 8260 AND 8270 STARS. ALL SOIL SAMPLES WERE BELOW TAGM 4046 8260 LEVELS EXCEPT AT SW15 WHERE TOTAL VOC'S WERE AT 153,902 PPB. SW12 AND SW21 EXCEEDED TAGM 4046 FOR SEMIVOC'S AT A LOW LEVEL. THE GW RESULTS FOR TOTAL BTEX WERE BELOW DL AND MTBE RANGED FROM ND TO 2.84 PPB. GES HAS REQUESTED THAT THE SITE BE MADE INACTIVE.1/9/07 DKK INDICATED THAT THE SITE COULD BE MADE INACTIVE WITH NO FURTHER WORK REQUIRED BASED ON THE CLOSURE REPORT SUBMITTED.

Remarks: During soil boring . PID gauge read 300ppm No groundwater was affected. Clean up pending the next round of test results from Test America.

Material:

Site ID:	352146
Operable Unit ID:	1109657
Operable Unit:	01
Material ID:	2099667
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9205079
DER Facility ID:	198124
Facility Type:	ER

MOBIL OIL CORP SS 454 (Continued) **1000254044**

Site ID:	240940
DEC Region:	9
Spill Date:	8/3/1992
Spill Number/Closed Date:	9205079 / 8/4/1992
Spill Cause:	Other
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	1560
Investigator:	MXFRANKS
Referred To:	Not reported
Reported to Dept:	8/3/1992
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Police Department
Cleanup Ceased:	8/4/1992
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	8/4/1992
Spill Record Last Update:	3/15/1993
Spiller Name:	Not reported
Spiller Company:	MOBIL OIL
Spiller Address:	187 WOLF ROAD
Spiller City,St,Zip:	ALBANY, NY 12205
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MF"08/04/92: MF 8/4/92 PART OF SPILL #9108573. WILL KEEP 9108573 OPEN & CLOSE THIS SPILL.
Remarks:	WATER RUNNING OFF PARKING LOT. STRONG SMELL OF GASOLINE.

Material:

Site ID:	240940
Operable Unit ID:	972593
Operable Unit:	01
Material ID:	409312
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	0202368
DER Facility ID:	218377
Facility Type:	ER
Site ID:	268077

MOBIL OIL CORP SS 454 (Continued) **1000254044**

DEC Region:	9
Spill Date:	6/4/2002
Spill Number/Closed Date:	0202368 / 9/8/2003
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	1560
Investigator:	JFOTTO
Referred To:	Not reported
Reported to Dept:	6/4/2002
CID:	390
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	6/6/2002
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	6/4/2002
Spill Record Last Update:	9/8/2003
Spiller Name:	FRANK WEINSTOCK
Spiller Company:	FRANKS EXXON MOBIL
Spiller Address:	3225 ORCHARD PARK
Spiller City,St,Zip:	ORCHARD PARK, ZZ
Spiller Company:	001
Contact Name:	FRANK WEINSTOCK
Contact Phone:	(716) 675-7799
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "JFO"06/06/02 JFO ON SITE MET WITH PAULINE THE STORE MANAGER. THE ORCHARD PARK FD, HAZMAT, AND POLICE DEPT WERE ON THE SCENE WHEN THE SPILL OCCURRED. SPEEDY DRY WAS PLACED ON THE SPILL AND SWEEPT UP AND PLACED IN FOUR 55 GALLON DRUMS FOR DISPOSAL. RECEIPTS TO FOLLOW.7/10/02:JAA & SAC MEETING W/RICH CICCOTELLI - EXXON MOBIL & DOUG LIDDELL - GES, MR. CICCOTELLI AND MR. LIDDELL WERE NOT NOTIFIED OF THE SPILL AT THE TIME IT HAPPENED AND WERE UNAWARE OF THE STATUS, SAC GAVE MR. LIDDELL A PRINTOUT OF THE SPILL REPORT FORM AND HISTORY NOTES AND INDICATED THERE WERE 4 DRUMS THAT REQUIRED DISPOSAL, MR. LIDDELL SAID GES WOULD ARRANGE FOR THE DISPOSAL AND SEND A LETTER WITH THE DISPOSAL RECEIPTS ONCE DISPOSAL WAS COMPLETED.10/30/02 JFO MEETING WITH RICH CICCOTELLI AND DOUG LIDDELL. THEY WILL FORWARD DISPOSAL RECEIPTS.06/24/03 MEETING THEY WILL FAX RECEIPTS.08/14/03 JFO CALL TO DOUG LIDDELL OF GES. HE HAS THE RECEIPTS AND WILL FAX THEM TODAY.08/18/03 JFO RECEIVED DISPOSAL RECEIPTS FOR 1 DRUM. I WILL CONTACT DOUG LIDDELL.09/08/03 JFO REC'D THE RECEIPT FOR THE OTHER 2 DRUMS WITH AN EXPLANATION OF WHAT HAPPENED TO THE OTHER DRUM. THE OTHER DRUM WAS NEVER USED. NO FURTHER ACTION REQUIRED.CLOSED
Remarks:	leaky hose at dispenser caused spill - all material has been cleaned up

Material:

Site ID:	268077
Operable Unit ID:	855460
Operable Unit:	01
Material ID:	520229
Material Code:	0009
Material Name:	Gasoline

MOBIL OIL CORP SS 454 (Continued) **1000254044**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	12
Units:	Gallons
Recovered:	12
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9001862
DER Facility ID:	218377
Facility Type:	ER
Site ID:	268078
DEC Region:	9
Spill Date:	5/17/1990
Spill Number/Closed Date:	9001862 / 11/21/1991
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	1560
Investigator:	LEARY
Referred To:	Not reported
Reported to Dept:	5/17/1990
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Other
Cleanup Ceased:	11/21/1991
Cleanup Meets Std:	True
Last Inspection:	10/31/1990
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	5/17/1990
Spill Record Last Update:	12/19/1991
Spiller Name:	Not reported
Spiller Company:	MOBIL OIL CORPORATION
Spiller Address:	675 BROOKS AVENUE
Spiller City,St,Zip:	ROCHESTER, NY 14619
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RNL"05/17/90: LQR TELCON W/ SPILLER TO VAC OFF MW'S AND PLACE REC. WELL IF NEEDED.05/18/90: LQR TELCON W/ SPILLER CONTRACTOR REC. WELL BEING PUMED.05/29/90: LQR TELCON W/ SPILLER CONTRACTOR REC. WELL BEING PUMED,TANK FAILURES REPORTED 5/29/90.08/28/90: RNL SITE INSP. AND MEETING WITH GROUNDWATER TECHNOLOGY 08/28/90, SHEEN ON GROUNDWATER, THEY WILL CHANGE PUMPING FROM REINJECTION TO DISCHARGE TO DRAIN TANK FIELD, WILL SEND PAGE REPORT.10/09/90: RNL SITE INSP. 10/05/90, NO CHANGE SINCE LAST INSPECTION, VERY SLIGHT SHEEN ON WATER ON RECHARGE WATER WELL, LETTER TO GROUNDWATER TECHNOLOGY 10/009/90.10/31/90: RNL SITE INSP. 10/31/90, GROUNDWATER TECH. ON SITE, GROUNDWATER NOW PUMPED THROUGH CARBON TO STORM DITCH, TANK CAVITY BEING EMPTIED OF GROUND, REPORT TO MOBIL, TO US LATER.11/28/90: MOBIL LETTER 11/21/90 PROPOSES SHUTDOWN OF SYSTEM FOR

MOBIL OIL CORP SS 454 (Continued) **1000254044**

WINTER; RNL LETTER 11/28/90 CONCURS, SAMPLE AGAIN SPRING 1991, HOLD.03/14/91: RNL MEETING WITH MOBIL 03/14/91, MOBIL TO SAMPLE GW IN TANK PIT AREA, SYSTEM MAY BE STARTED UP AGAIN.05/16/91: RNL REC. SAMPLE RESULTS 05/03/91, HIGH LEVELS OF BTX FOUND BUT LOWER THAN LAST SUMMER; RNL LETTER TO MOBIL 05/16/91, REQUESTS FURTHER CLEANUP THIS SUMMER.10/28/91: MEETING WITH MOBIL 10/28/91, MOBIL WILL CONTACT ME BEFORE NEXT SAMPLING EVENT FOR A JOINT INSPECTION, RECOVERY SYSTEM IN OPERATION.11/21/91: RNL REVIEW OF FILE 11/21/91 BTX LEVELS ARE LOWER BUT NEW SPILL 9108573 AT STATION DUE TO A LINE FAILURE, CLOSEOUT THIS SPILL, SPILL 9108573 TO REMAIN ACTIVE.

Remarks: 3" OF PRODUCT IN 3 MW'S

Material:

Site ID:	268078
Operable Unit ID:	940094
Operable Unit:	01
Material ID:	436640
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	9801808
DER Facility ID:	198124
Facility Type:	ER
Site ID:	240941
DEC Region:	9
Spill Date:	5/12/1998
Spill Number/Closed Date:	9801808 / 5/12/1998
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	1560
Investigator:	JFOTTO
Referred To:	Not reported
Reported to Dept:	5/12/1998
CID:	195
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Police Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	5/12/1998
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	5/12/1998
Spill Record Last Update:	4/17/2002
Spiller Name:	FRANK WEINSTOCK

MOBIL OIL CORP SS 454 (Continued) **1000254044**

Spiller Company:	MOBIL OIL
Spiller Address:	187 WOLF ROAD
Spiller City,St,Zip:	ALBANY, NY 12205-1106
Spiller Company:	001
Contact Name:	CHIEF BENNING
Contact Phone:	(718) 863-4484
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "JFO"05/12/98 JFO ON SITE 04:30 MET WITH ORCHARD PARK FIRE CHIEF BENNING, SOUTHTOWNS HAZMAT AL NOWAK AND STATION OPERATOR FRANK WEINSTOCK. GROUNDWATER COMING THROUGH SEAMS IN CONCRETE AND BLACKTOP DRIVEWAY. SLIGHT SHEEN AND ODOR. FIRE DEPT PUT BOOMS AND SPEEDY DRY TO KEEP IT OUT OF STORM DRAIN. I SPOKE TO MOBIL REP ON THE PHONE, HE WILL TEST LINES TODAY AND INVESTIGATE SOURCE. THIS IS AN ONGOING SPILL BEING HANDLED BY TIM DIEFFENBACH SPILL # 9108573. REFERRED TO TIM DIEFFENBACH, THIS SPILL CLOSED
Remarks:	APPEARS THAT GROUND WATER TABLE IS FORCING GASOLINE UP THROUGH PAVEMENT AT GAS STATION. UNKNOWN AMOUNT OF GASOLINE OR EXACT SOURCE. FIRE DEPARTMENT ON SCENE REQUESTING CALL AT CELL PHONE.

Material:

Site ID:	240941
Operable Unit ID:	1062336
Operable Unit:	01
Material ID:	323723
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Click this hyperlink while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

36
SE
1/4-1/2
0.377 mi.
1990 ft.

MOBIL OIL **LTANKS** **S100155332**
3225 SOUTHWESTERN BLVD **N/A**
ORCHARD PARK, NY

Relative:
Higher

Actual:
773 ft.

LTANKS:

Site ID:	184285
Spill Number/Closed Date:	9002352 / 5/31/1990
Spill Date:	5/25/1990
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station
Spill Class:	Not reported
Cleanup Ceased:	5/31/1990
Cleanup Meets Standard:	True
SWIS:	1560
Investigator:	ROSS
Referred To:	Not reported

MOBIL OIL (Continued) **S100155332**

Reported to Dept:	5/25/1990
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	6/1/1990
Spill Record Last Update:	3/4/1991
Spiller Name:	Not reported
Spiller Company:	MOBIL OIL
Spiller Address:	3225 GALLOWS ROAD
Spiller City,St,Zip:	FAIRFAX, VIRGINIA 22037, VA 22037
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	9
DER Facility ID:	154224
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "LQR"05/31/90: SEE SPILL REPORT 9001862.
Remarks:	12000 GAL TANK LEAK RATE -.403 GPH

Material:

Site ID:	184285
Operable Unit ID:	942205
Operable Unit:	01
Material ID:	437095
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	184285
Spill Tank Test:	1537138
Tank Number:	Not reported
Tank Size:	0
Test Method:	00
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Unknown

37
SSE
1/4-1/2
0.385 mi.
2034 ft.

DELTA SONIC
SOUTHWESTERN BLVD
ORCHARD PARK, NY

NY Spills **S103573578**
N/A

Relative:
Higher

Actual:
764 ft.

SPILLS:

Facility ID:	9809447
DER Facility ID:	279010
Facility Type:	ER
Site ID:	111306
DEC Region:	9
Spill Date:	10/28/1998
Spill Number/Closed Date:	9809447 / 1/13/1999
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	1500
Investigator:	FXGALLEG
Referred To:	Not reported
Reported to Dept:	10/28/1998
CID:	205
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	11/12/1998
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	10/28/1998
Spill Record Last Update:	4/16/2002
Spiller Name:	BRUCE NATALZIA, VP
Spiller Company:	BENDERSON/DELTA SONIC
Spiller Address:	570 DELAWARE AVENUE
Spiller City,St,Zip:	BUFFALO, NY 14202-
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "FG"10/28/98: SITE INSPECTION. MET JOHN BUMPUS WITH ARROW. HE SAID HE IS TO DO THE LINE UPGRADES ONLY. HE HAS NOT BEEN HIRED TO REMEDIATE THE SPILL. EP&S ON SITE, THEY ARE CLEANING OUT THE TWO UST'S, 8K & 6K GASOLINE UST'S, WHICH HAD BEEN PREVIOUSLY LINED. SPOKE TO BRUCE NATALIZIA WITH DELTA SONIC. HE SAID THEY ARE FILLING THE TWO UST'S IN PLACE. HE HAS HIRED SAW ENVIRONMENTAL TO REMEDIATE THE SPILL WHICH THEY BELIEVE CAN BE HANDLED IN SITU. SAW IS TO BE THERE ON SITE. THE WATER TABLE IS HIGH ON THE SITE. EP&S TRIED TO GET A SAMPLE OUT OF HOLE IN THE BOTTOM BUT COULDN'T BECAUSE WATER WAS GUSHING IN.10/30/98: BRUCE NATALIZIA OF DELTA SONIC CALLED AND SAID THAT HE WILL BE FILLING THE TWO TANKS WITH FLOWABLE FILL BECAUSE ONE IS UNDER THE FOOTING OF THE BUILDING AND THE OTHER HAS ALL THE UTILITIES RUNNING OVER THE TOP OF IT WHICH WOULD MAKE REMOVAL VERY DIFFICULT. HE SAID THAT HE HAS TAKEN OUT THE CONTAMINATED SOIL FROM THE TOP OF THE TANKS, IS STAGING IT ON SITE AND WILL DISPOSE OF IT. HE IS PLACING TWO 4" MONITORING WELLS IN THE TANK PIT AND WILL COLLECT GROUNDWATER SAMPLES FOR ANALYSIS BECAUSE THEY COULDN'T GET ANY BOTTOM SAMPLES. MR. NATALIZIA WILL SUBMIT A REPORT. THE TANKS ARE SURROUNDED

DELTA SONIC (Continued) **S103573578**

BY CLAY.11/3/98: SITE INSPECTION. CONTAMINATED SOIL IS STAGED ON SITE AND IS COVERED WITH PLASTIC. THE EXCAVATION HAS BEEN COVERED AND IS ALREADY CONCRETED OVER.11/12/98: CONTAMINATED SOIL IS REMOVED FROM SITE. EXCAVATION IS PAVED OVER.12/03/98: RECEIVED SOIL DISPOSAL RECEIPTS. REQUESTED TO LEAVE UST'S IN PLACE AND FILL WITH FLOWABLE FILL. SAID TWO WELLS INSTALLED, BUT NO DATA PROVIDED. NO EXCAVATION SAMPLES COLLECTED FOR ANALYSIS. THEY DID NOT GET BOTTOM SAMPLES FROM UNDERNEATH THE UST'S. 12/08/98: TELECON TO BRUCE NATALZIA WITH DELTA SONIC. HE AGREED TO COLLECT GROUNDWATER SAMPLES FROM THE TWO WELLS THAT WERE INSTALLED IN THE UST PIT. HE SAID THEY EXCAVATED TO 10 FT BELOW GRADE AND PLACED THE SLOTTED PIPE AND THEN BACKFILLED. HE WILL ANALYZE THE SAMPLES FOR 8021 STARS. ALSO NEEDED ARE THE WATER DISPOSAL RECEIPTS.01/13/99: RECEIVED THE RESULTS FOR THE WATER SAMPLES FROM THE TWO WELLS INSTALLED. THEY EXCEED STARS:#1 WELL TOLUENE 17.3 PPB, NAPHTHALENE 22.4 PPB.#2 WELL MTBE 117.1 PPB, TOLUENE 19.6 PPB, XYLENE 59.6 PPB, 1,3,5-TRIMETHYLBENZENE 52.7, 1,2,4-TRIMETHYLBENZENE 10.3, ISOPROPYLTOLUENE 85 PPB, NAPHTHALENE 16.5 PPB.EXCAVATION AND TANK WATERS DISPOSAL RECEIPT WERE SUBMITTED.THE SITE CAN BE MADE INACTIVE DUE TO THE MINOR EXCEEDANCES OF STARS IN THE GROUNDWATER.

Remarks: CALLER DOING TANK REMOVAL FOUND CONTAMINATED SOIL.

Material:

Site ID:	111306
Operable Unit ID:	1070518
Operable Unit:	01
Material ID:	316900
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

H38 **TOP'S STORE # 108** **NY Spills** **S106737378**
SE **3201 SOUTHWESTERN BLVD.** **N/A**
1/4-1/2 **ORCHARD PARK, NY**
0.385 mi.
2034 ft. **Site 1 of 2 in cluster H**

Relative: **Higher**

Actual: **774 ft.**

SPILLS:

Facility ID:	0485533
DER Facility ID:	272653
Facility Type:	ER
Site ID:	337317
DEC Region:	9
Spill Date:	2/9/2005
Spill Number/Closed Date:	0485533 / 3/4/2005
Spill Cause:	Human Error
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	1560

TOP'S STORE # 108 (Continued) **S106737378**

Investigator:	MXFRANKS
Referred To:	Not reported
Reported to Dept:	2/9/2005
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	2/9/2005
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2/9/2005
Spill Record Last Update:	3/4/2005
Spiller Name:	KEN CARIS
Spiller Company:	TOP'S STORE # 108
Spiller Address:	GIANT FOOD MART
Spiller City,St,Zip:	CARLYSLE, PA 17013
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	02/09/05: MF S/I/ATTENDENT, GASOLINE TANK ON AUTO DEVELOPED LEAK WHEN FILLING. 12.2 GALLONS DISPENSED LEAKED OUT PLUS WHAT WAS IN THE VEHICLE. SENTENAL HIRED & CLEANED. SPOKE WITH ANDY PAGE, MANAGER OF TOPS. THE ONLY INFO HE HAS IS THAT THE AUTO BELONGS TO IRMA BURNES. NO DRAINS INVOLVED. THE OP POLICE INVESTIGATED. DEBRIS STAGED ON SITE. 1-55 GALLON DRUM & 1 SPILL KIT. 02/11/05: MF T/C DMARY BURKE, TOPS, 635-5473, LEFT MESSAGE 02/11/05: MF T/C KEN CARIS, TOPS, HARRISBURG PA. EXPLAINED LETTER FOR DISPOSAL RECEIPT. 1ST DISPOSAL LETTER, DUE 3/15/05.03/04/05: MF RECEIVED DISPOSAL RECEIPTS. NO FURTHER ACTION NECESSARY.
Remarks:	CALLER SAID THAT WHILE FILLER HER GASOLINE TANK ON HER CAR,SHE OVERFILLED HER TANK AND SPILLED ABOUT 5-10 GAL OF GASOLINE ALL ON THE CONCRETE PAD...TOP'S HIRED SENTINEL TECH TO CLEAN UP AND DISPOSE THE MATERIAL...NONE OF THE FUEL REACHED ANY GROUND OR RECEIVERS.

Material:

Site ID:	337317
Operable Unit ID:	1099281
Operable Unit:	01
Material ID:	579615
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	5
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

H39 **PENSKE AUTO CENTER** **RCRA NonGen / NLR** **1004759684**
SE **S 3195 SOUTHWESTERN BLVD** **FINDS** **NYR000017673**
1/4-1/2 **ORCHARD PARK, NY** **LTANKS**
0.389 mi. **MANIFEST**
2054 ft. **Site 2 of 2 in cluster H**

Relative:
Higher

Actual:
775 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	PENSKE AUTO CENTER
Facility address:	S 3195 SOUTHWESTERN BLVD SVC CTR ORCHARD PARK, NY 14127
EPA ID:	NYR000017673
Mailing address:	W BIG BEAVER RD TROY, NY 480843163
Contact:	DAVID TATUM
Contact address:	W BIG BEAVER RD TROY, NY 480843163
Contact country:	US
Contact telephone:	(810) 643-5171
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	BENDERSON & BALDAUF
Owner/operator address:	570 DELAWARE AVE BUFFALO, NY 14202
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	BENDERSON & BALDAUF
Owner/operator address:	570 DELAWARE AVE BUFFALO, NY 14202
Owner/operator country:	US
Owner/operator telephone:	(212) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No

PENSKE AUTO CENTER (Continued) **1004759684**

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: PENSKE AUTO CENTER
Classification: Not a generator, verified

Date form received by agency: 12/07/1995
Facility name: PENSKE AUTO CENTER
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110009484842

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LTANKS:
Site ID: 307367
Spill Number/Closed Date: 9008606 / 9/6/1991
Spill Date: 11/6/1990
Spill Cause: Tank Failure
Spill Source: Commercial/Industrial
Spill Class: Not reported
Cleanup Ceased: 9/6/1991
Cleanup Meets Standard: True
SWIS: 1560
Investigator: LEARY
Referred To: Not reported
Reported to Dept: 11/6/1990
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: 8/21/1991
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 11/6/1990
Spill Record Last Update: 8/5/2003
Spiller Name: Not reported
Spiller Company: KMART
Spiller Address: 425 HOFFMAN BOULEVARD
Spiller City,St,Zip: DUQUESNE, PA 15110
Spiller County: 001
Spiller Contact: Not reported

PENSKE AUTO CENTER (Continued) **1004759684**

Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	9
DER Facility ID:	248223
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RNL"11/07/90: RNL SITE INSP. 11/06/90, HEAVY SHEEN IN EXCAVATION, SOIL TO BE DISPOSED, MW TO BE PLACED, WATER TO BE REMOVED; RNL LETTER 11/07/90, GAVE CLEANUP REQUIREMENTS.11/27/90: RNL SITE INSP. 11/27/90, WATER IN WELL HAD A VERY MINOR SPOTTY SHEEN(ONLY 18" DOWN) BAILED WATER HAD NO VISIBLE SHEEN, CONTAMINATED SOIL ON SITE, CONTINUE TO MONITOR.01/04/91: RNL INSP. 01/04/91, CHECKED MW BUT DID NOT FIND ANY SHEEN, WEATHER WAS COLD AND WINDY, WELL CAP HAD BEEN BROKEN.01/14/91: RNL LETTER TO KMART, NEED SOIL DISPOSAL RECEIPT, MAY NEED GROUNDWATER REMEDIATION.02/08/91: RNL INSP. 02/08/91, SOIL STILL ON SITE, MW TOP BROKEN AND CAP MISSING, WATER ALMOST TO SURFACE, HAD SHEEN.04/09/91: RNL AND MEL INSP. 03/20/91, SOIL STILL ON SITE, MW TOP BROKEN AND CAP MISSING, WATER ALMOST TO SURFACE, HAD SHEEN; RNL LETTER TO KAMRT 04/09/91.05/16/91: RNL INSP. 05/16/91, SOIL REMOVED, MW DESTROYED, SURFACE OIL SPILLAGE ENTERING WELL.08/21/91: RNL INSP. 08/21/91, MET CONTRACTOR, NEW MW INSTALED, PUMPED WELL FOR 15 MINUTES, NO SHEEN, CLOSEOUT ONCE DISPOSAL RECEIPT RECEIVED.09/06/91: RNL LETTER TO KMART, SITE CLOSEOUT, KMART TRANSMITTAL AND DISPOSAL RECEIPT SATISFACTORY.
Remarks:	WASTE OIL TANK REMOVED AT KMART, CONTAMINATION FOUND

Material:

Site ID:	307367
Operable Unit ID:	945798
Operable Unit:	01
Material ID:	432413
Material Code:	0022
Material Name:	Waste Oil/Used Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

NY MANIFEST:

EPA ID:	NYR000017673
Country:	USA
Mailing Name:	PENSKE AUTO CENTER4207
Mailing Contact:	N/S
Mailing Address:	3195 SOUTHWESTERN BLVD
Mailing Address 2:	Not reported
Mailing City:	ORCHARD PARK
Mailing State:	NY
Mailing Zip:	14127
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	716-674-3888

PENSKE AUTO CENTER (Continued) **1004759684**

Document ID:	NYC5133082
Manifest Status:	Not reported
Trans1 State ID:	ILD984908202
Trans2 State ID:	NYD980769947
Generator Ship Date:	02/24/1999
Trans1 Recv Date:	02/24/1999
Trans2 Recv Date:	02/26/1999
TSD Site Recv Date:	03/20/1999
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000017673
Trans1 EPA ID:	KYD053348108
Trans2 EPA ID:	Not reported
TSDF ID:	NY37056AR
Waste Code:	U154 - METHANOL
Quantity:	00800
Units:	P - Pounds
Number of Containers:	002
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Year:	99

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40 **SMOKE CREEK** **NY Spills** **S102132795**
South **6375 LAKE AVE.** **N/A**
1/4-1/2 **ORCHARD PARK, NY**
0.436 mi.
2301 ft.

Relative:
Higher

Actual:
721 ft.

SPILLS:

Facility ID:	8602031
DER Facility ID:	138869
Facility Type:	ER
Site ID:	164722
DEC Region:	9
Spill Date:	6/24/1986
Spill Number/Closed Date:	8602031 / 8/5/1986
Spill Cause:	Deliberate
Spill Class:	Not reported
SWIS:	1560
Investigator:	PRINGLE
Referred To:	Not reported
Reported to Dept:	6/24/1986
CID:	Not reported
Water Affected:	SMOKES CREEK
Spill Source:	Private Dwelling
Spill Notifier:	Citizen
Cleanup Ceased:	8/5/1986
Cleanup Meets Std:	True
Last Inspection:	8/5/1986
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	6/26/1986
Spill Record Last Update:	8/29/1986
Spiller Name:	Not reported
Spiller Company:	MIKE BYRNE
Spiller Address:	LAKE AVE.

SMOKE CREEK (Continued) **S102132795**

Spiller City,St,Zip:	ORCHARD PARK, NY 14127
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MNP" / / : SITE INSPECTION 08/05/86 BY MNP, NO SHEEN ENTERING CREEK, BOOM & PILLOW REMOVED, CLEANUP COMPLETE. / / : SITE INSPECTION 6/24/86 BY MNP, BOOM, PILLOW & PADS DEPLOYED. / / : SITE INSPECTION 7/02/86 BY MNP, NO SHEEN ENTERING CREEK. / / : SITE INSPECTION 8/05/86 BY MNP, NO SHEEN ENTERING CREEK, BOM & PILLOW REMOVED; NO FURTHER ACTION NECESSARY.
Remarks:	OIL SHEEN ENTERING CREEK FROM STORM DRAIN

Material:

Site ID:	164722
Operable Unit ID:	898305
Operable Unit:	01
Material ID:	478491
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Not reported
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

41
WSW
1/4-1/2
0.449 mi.
2369 ft.

Relative:
Lower

Actual:
715 ft.

BANK OF SMOKES CREEK **NY Spills** **S102133817**
MINDEN DRIVE **N/A**
ORCHARD PARK, NY

SPILLS:

Facility ID:	9001649
DER Facility ID:	126959
Facility Type:	ER
Site ID:	149220
DEC Region:	9
Spill Date:	5/10/1990
Spill Number/Closed Date:	9001649 / 1/31/1991
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	1560
Investigator:	TEDIEFFE
Referred To:	Not reported
Reported to Dept:	5/10/1990
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Citizen
Cleanup Ceased:	1/31/1991
Cleanup Meets Std:	True
Last Inspection:	6/26/1990

BANK OF SMOKES CREEK (Continued) **S102133817**

Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/14/1990
Spill Record Last Update:	2/22/1991
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TED"05/10/90: MEL INSPECTION. MET WITH CALLER WHO TOOK ME TO THE AREA OF CONCERN. OBSERVED AN ODIFEROUS OOZE BUBBLING UP , OUT OF A SANDY AREA OF THE CREEK BANK. SMELLED LIKE SULPHER.06/15/90: TED SITE INSPECT. W/ RNL & MEL OBSERVED BLACK COLORED WATER SEEPING OUT OF BANK. STRONG SULFER ODER. SITE RECON REVEALED NO OBVIOUS SIGNS OF DUMPING OR LANDFILLING. 06/26/90: TED MET W/ SCOTT ABEL (AES) RESAMPLED SEEP. 07/16/90: TED REVIEWED LAB RESULTS OF 6/26/90 SAMPLING. RESULTS INDICATE HIGHLY MINERALIZED WATER, TOTAL BTX 185.1 PPB.08/13/90: MEMO TO BOB SPEED, SYNOPSIS OF SITE INVEST. FOR FOLLOW UP BY STAFF.01/31/91: TED REVIEWED FILE. CLOSED SITE.
Remarks:	UNKNOWN SEEPAGE ENTERING SMOKES CREEK

Material:

Site ID:	149220
Operable Unit ID:	941350
Operable Unit:	01
Material ID:	439977
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Count: 24 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BUFFALO	S108667393	LACKAWANNA BUSINESS PARK	RT 5 & SMOKES CREEK ON ST	14218	ERP, INST CONTROL
BUFFALO	U003317818	NYNEX	1091 UNION RD	14224	TANKS, HIST UST, HIST AST
LACKAWANNA	S113492640	MILL STREET PROPERTY	0 GATES AVE	14218	SHWS
LACKAWANNA	S105841297	GREAT LAKES MDF	N STEELAWANNA AVE	14218	SWF/LF
LACKAWANNA	S113492642	STEELAWANNA #2	0 N STEELAWANNA AVE	14218	SHWS
LACKAWANNA	S113492641	ALBRIGHT COURT PROPERTY	0 WILLMUTH	14218	SHWS
ORCHARD PARK	S106011969	TRAFFIC ACCIDENT	RT 20		NY Spills
ORCHARD PARK	S106011970	SPILLAGE TO ROADWAY	RT 20		NY Spills
ORCHARD PARK	S110490162	STORM DRAIN	RT 20A & LINCOLN AVE		NY Spills
ORCHARD PARK	S102135160	OIL ON ROAD	RT 219		NY Spills
ORCHARD PARK	S102134329	W.C. MCQUAID	RT 219		NY Spills
ORCHARD PARK	1006810441	NYSDOT LANDSCAPE BIN 1062921	RT 219 & RT 460		RCRA-CESQG, FINDS, MANIFEST
ORCHARD PARK	1006810442	NYSDOT LANDSCAPE BIN 1062922	RT 219 & RT 179		RCRA-CESQG, FINDS, MANIFEST
ORCHARD PARK	1006810439	NYSDOT	RT 219 & TAYLOR RD	14127	RCRA-CESQG, FINDS, MANIFEST
ORCHARD PARK	1006810443	NYS DOT LANDSCAPING BIN 1092220	RT 219	14127	RCRA-CESQG, FINDS, MANIFEST
ORCHARD PARK	S102134232	DRUM AT CHESTNUT RIDGE	RT 277		NY Spills
ORCHARD PARK	S109206963	ROAD WAY	RT 277 & RT 20A		NY Spills
ORCHARD PARK	S102133983	MEDICAL WASTE	ORCHARD PARK RD		NY Spills
ORCHARD PARK	1000296656	D'AMATOS ONE HOUR	53039 ORCHARD PARK RD	14127	RCRA NonGen / NLR, FINDS, MANIFEST
ORCHARD PARK	S103828622	NYSDOT PROJECT	ORCHARD PARK RD & RT 240		NY Spills
ORCHARD PARK	S109063816	DELTA SONIC	SOUTHWESTERN & ORCHARD PARK RD	14127	NY Spills
W SENECA	1001482740	NYS DOT	RT 219 & CONRAIL BRG	14224	RCRA NonGen / NLR, FINDS, MANIFEST
WEST SENECA	S111987295	BUFFALO BIOENERGY	N AMERICA DR	14224	SWF/LF
WEST SENECA	1000231485	AUSTIN PONTIAC	UNION ORCH	14224	RCRA NonGen / NLR, FINDS, MANIFEST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/26/2013
Date Data Arrived at EDR: 05/09/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 62

Source: EPA
Telephone: N/A
Last EDR Contact: 07/12/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/26/2013
Date Data Arrived at EDR: 05/09/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 62

Source: EPA
Telephone: N/A
Last EDR Contact: 07/12/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/26/2013
Date Data Arrived at EDR: 05/09/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 62

Source: EPA
Telephone: N/A
Last EDR Contact: 07/12/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/26/2013
Date Data Arrived at EDR: 05/29/2013
Date Made Active in Reports: 08/09/2013
Number of Days to Update: 72

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 09/27/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 10/09/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/08/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 04/26/2013
Date Data Arrived at EDR: 05/29/2013
Date Made Active in Reports: 08/09/2013
Number of Days to Update: 72

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 09/27/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/02/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 10/02/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 10/02/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 10/02/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 10/02/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 06/17/2013
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 104

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/10/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 06/17/2013
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 104

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/10/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 08/15/2013
Next Scheduled EDR Contact: 09/02/2013
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/17/2013
Date Made Active in Reports: 02/15/2013
Number of Days to Update: 29

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 10/01/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 08/19/2013
Date Data Arrived at EDR: 08/22/2013
Date Made Active in Reports: 09/12/2013
Number of Days to Update: 21

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 09/26/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Annually

VAPOR REOPENED: Vapor Intrustion Legacy Site List
New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 01/01/2013
Date Data Arrived at EDR: 02/20/2013
Date Made Active in Reports: 03/15/2013
Number of Days to Update: 23
Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 08/23/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Varies

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Facility Register
Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 07/08/2013
Date Data Arrived at EDR: 07/10/2013
Date Made Active in Reports: 09/09/2013
Number of Days to Update: 61
Source: Department of Environmental Conservation
Telephone: 518-457-2051
Last EDR Contact: 07/03/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LTANKS: Spills Information Database
Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 08/19/2013
Date Data Arrived at EDR: 08/22/2013
Date Made Active in Reports: 09/11/2013
Number of Days to Update: 20
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 09/26/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks
A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 02/06/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 65
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/28/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 43
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 11/01/2012
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 162
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/02/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 02/06/2013
Date Data Arrived at EDR: 02/08/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 63
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Semi-Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

TANKS: Storage Tank Faciliy Listing
This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 08/07/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/09/2013
Number of Days to Update: 32

Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 10/03/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Quarterly

UST: Petroleum Bulk Storage (PBS) Database
Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 08/07/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/09/2013
Number of Days to Update: 32

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/03/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database
Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: Varies

AST: Petroleum Bulk Storage
Registered Aboveground Storage Tanks.

Date of Government Version: 08/07/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/09/2013
Number of Days to Update: 32

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/03/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database
Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

CBS: Chemical Bulk Storage Site Listing

These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 08/07/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/10/2013
Number of Days to Update: 33

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/03/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Quarterly

MOSF: Major Oil Storage Facility Site Listing

These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 08/07/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/10/2013
Number of Days to Update: 33

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/03/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 02/06/2013
Date Data Arrived at EDR: 02/08/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 11/07/2012
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 156

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/02/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 94

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/28/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 43

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 02/06/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 65

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/21/2013
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 45

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/19/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 08/19/2013
Date Data Arrived at EDR: 08/22/2013
Date Made Active in Reports: 09/10/2013
Number of Days to Update: 19

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 09/26/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls
Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 08/19/2013
Date Data Arrived at EDR: 08/22/2013
Date Made Active in Reports: 09/10/2013
Number of Days to Update: 19
Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 09/26/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Quarterly

RES DECL: Restrictive Declarations Listing
A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 11/18/2010
Date Data Arrived at EDR: 12/23/2010
Date Made Active in Reports: 02/11/2011
Number of Days to Update: 50
Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 09/27/2013
Next Scheduled EDR Contact: 01/08/2014
Data Release Frequency: No Update Planned

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 14
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/01/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Varies

VCP: Voluntary Cleanup Agreements
New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 08/19/2013
Date Data Arrived at EDR: 08/22/2013
Date Made Active in Reports: 09/12/2013
Number of Days to Update: 21
Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 09/26/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Semi-Annually

State and tribal Brownfields sites

ERP: Environmental Restoration Program Listing
In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 08/19/2013
Date Data Arrived at EDR: 08/22/2013
Date Made Active in Reports: 09/10/2013
Number of Days to Update: 19

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 09/26/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Quarterly

BROWNFIELDS: Brownfields Site List

A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 08/19/2013
Date Data Arrived at EDR: 08/22/2013
Date Made Active in Reports: 09/10/2013
Number of Days to Update: 19

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 09/26/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/24/2013
Date Data Arrived at EDR: 06/25/2013
Date Made Active in Reports: 08/09/2013
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/24/2013
Next Scheduled EDR Contact: 01/08/2014
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/26/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: No Update Planned

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 07/08/2013
Date Data Arrived at EDR: 07/10/2013
Date Made Active in Reports: 09/09/2013
Number of Days to Update: 61

Source: Department of Environmental Conservation
Telephone: 518-402-8705
Last EDR Contact: 07/03/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Semi-Annually

SWTIRE: Registered Waste Tire Storage & Facility List
A listing of facilities registered to accept waste tires.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 11/15/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 07/26/2013
Next Scheduled EDR Contact: 11/04/2013
Data Release Frequency: Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/31/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/06/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 22

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 09/04/2013
Next Scheduled EDR Contact: 12/16/2013
Data Release Frequency: Quarterly

DEL SHWS: Delisted Registry Sites
A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 08/19/2013
Date Data Arrived at EDR: 08/22/2013
Date Made Active in Reports: 09/12/2013
Number of Days to Update: 21

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 09/26/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Annually

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

HIST AST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/06/2013
Date Data Arrived at EDR: 04/25/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

LIENS: Spill Liens Information
Lien information from the Oil Spill Fund.

Date of Government Version: 08/19/2013
Date Data Arrived at EDR: 08/20/2013
Date Made Active in Reports: 09/11/2013
Number of Days to Update: 22
Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 08/09/2013
Next Scheduled EDR Contact: 11/25/2013
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 55
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/01/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Annually

SPILLS: Spills Information Database
Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 08/19/2013
Date Data Arrived at EDR: 08/22/2013
Date Made Active in Reports: 09/11/2013
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 09/26/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 10/02/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/05/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/19/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 15

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/10/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2013
Date Data Arrived at EDR: 08/07/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 57

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/30/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/18/2012
Date Data Arrived at EDR: 03/13/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 30

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/13/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/28/2013
Next Scheduled EDR Contact: 09/09/2013
Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 09/05/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 28

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/05/2013
Next Scheduled EDR Contact: 12/16/2013
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/30/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/24/2013
Next Scheduled EDR Contact: 01/08/2014
Data Release Frequency: Every 4 Years

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/22/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/22/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems
Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77
Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 07/01/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2012
Date Data Arrived at EDR: 01/16/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 114

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/17/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/14/2013
Date Data Arrived at EDR: 03/20/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 112

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/10/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/09/2013
Date Data Arrived at EDR: 04/11/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 29

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/12/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 03/08/2013
Date Data Arrived at EDR: 03/21/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 111

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 09/11/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/08/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/26/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Biennially

HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 06/07/2013
Date Data Arrived at EDR: 06/11/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 09/12/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Quarterly

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 08/07/2013
Date Made Active in Reports: 09/10/2013
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/07/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Annually

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 07/18/2013
Date Data Arrived at EDR: 07/19/2013
Date Made Active in Reports: 09/09/2013
Number of Days to Update: 52

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 09/16/2013
Next Scheduled EDR Contact: 12/30/2013
Data Release Frequency: Varies

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 07/15/2013
Date Data Arrived at EDR: 07/17/2013
Date Made Active in Reports: 09/09/2013
Number of Days to Update: 54

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 07/15/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: No Update Planned

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 08/02/2012
Date Made Active in Reports: 10/03/2012
Number of Days to Update: 62

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 07/24/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING

The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 06/17/2013
Date Data Arrived at EDR: 06/24/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 16

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 09/24/2013
Next Scheduled EDR Contact: 01/08/2014
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/19/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/01/2013
Next Scheduled EDR Contact: 11/04/2013
Data Release Frequency: Varies

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 01/23/2013
Date Data Arrived at EDR: 01/30/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 09/30/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/19/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: N/A

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 06/30/2013
Date Data Arrived at EDR: 08/13/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/07/2013
Next Scheduled EDR Contact: 11/25/2013
Data Release Frequency: Quarterly

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/04/2013
Date Data Arrived at EDR: 03/15/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/27/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/16/2013
Next Scheduled EDR Contact: 11/25/2013
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 07/08/2013
Date Data Arrived at EDR: 07/10/2013
Date Made Active in Reports: 09/09/2013
Number of Days to Update: 61

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 07/03/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 07/19/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/13/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 10/31/2008
Date Data Arrived at EDR: 11/25/2008
Date Made Active in Reports: 12/11/2008
Number of Days to Update: 16

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 07/03/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 07/08/2013
Date Data Arrived at EDR: 07/10/2013
Date Made Active in Reports: 09/09/2013
Number of Days to Update: 61

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 07/03/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Quarterly

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013
Date Data Arrived at EDR: 02/14/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 13
Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 09/24/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36
Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 01/23/2013
Date Data Arrived at EDR: 01/30/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 100
Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 09/30/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Annually

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013
Date Data Arrived at EDR: 07/03/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 72
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/04/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/02/2013
Next Scheduled EDR Contact: 11/11/2013
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

COUNTY RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing
A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 08/23/2013
Date Data Arrived at EDR: 08/28/2013
Date Made Active in Reports: 09/12/2013
Number of Days to Update: 15

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 08/01/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Quarterly

Cortland County Storage Tank Listing
A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 08/23/2013
Date Data Arrived at EDR: 08/28/2013
Date Made Active in Reports: 09/12/2013
Number of Days to Update: 15

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 08/01/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Quarterly

NASSAU COUNTY:

Registered Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003
Date Data Arrived at EDR: 05/27/2003
Date Made Active in Reports: 06/09/2003
Number of Days to Update: 13

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 07/30/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 08/01/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Varies

Registered Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003
Date Data Arrived at EDR: 05/27/2003
Date Made Active in Reports: 06/09/2003
Number of Days to Update: 13

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 07/30/2013
Next Scheduled EDR Contact: 10/21/2013
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 08/01/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Varies

ROCKLAND COUNTY:

Petroleum Bulk Storage Database
A listing of aboveground storage tank sites located in Rockland County.

Date of Government Version: 06/24/2013
Date Data Arrived at EDR: 06/24/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 16

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 09/10/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Quarterly

Petroleum Bulk Storage Database
A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 06/24/2013
Date Data Arrived at EDR: 06/24/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 16

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 09/10/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Quarterly

SUFFOLK COUNTY:

Storage Tank Database
A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 01/11/2007
Date Made Active in Reports: 02/07/2007
Number of Days to Update: 27

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 08/01/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 01/11/2007
Date Made Active in Reports: 02/07/2007
Number of Days to Update: 27

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 08/01/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

Listing of Storage Tanks
A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 06/06/2013
Date Data Arrived at EDR: 06/07/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 33

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 08/01/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Varies

Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 06/06/2013
Date Data Arrived at EDR: 06/07/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 33

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 08/01/2013
Next Scheduled EDR Contact: 11/18/2013
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/19/2013
Next Scheduled EDR Contact: 12/02/2013
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/19/2013
Next Scheduled EDR Contact: 10/28/2013
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 07/24/2013
Date Made Active in Reports: 08/19/2013
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/18/2013
Next Scheduled EDR Contact: 11/04/2013
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 08/05/2013
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/23/2013
Next Scheduled EDR Contact: 12/09/2013
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 05/01/2013
Date Data Arrived at EDR: 08/14/2013
Date Made Active in Reports: 09/20/2013
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 07/18/2013
Next Scheduled EDR Contact: 11/04/2013
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 08/09/2013
Date Made Active in Reports: 09/27/2013
Number of Days to Update: 49

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/16/2013
Next Scheduled EDR Contact: 12/30/2013
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

COMMERCIAL PLAZA
3021 ORCHARD PARK RD
ORCHARD PARK, NY 14127

TARGET PROPERTY COORDINATES

Latitude (North):	42.8034 - 42° 48' 12.24''
Longitude (West):	78.7541 - 78° 45' 14.76''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	683651.0
UTM Y (Meters):	4741215.0
Elevation:	716 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	42078-G7 BUFFALO SE, NY
Most Recent Revision:	1965
East Map:	42078-G6 ORCHARD PARK, NY
Most Recent Revision:	1965

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

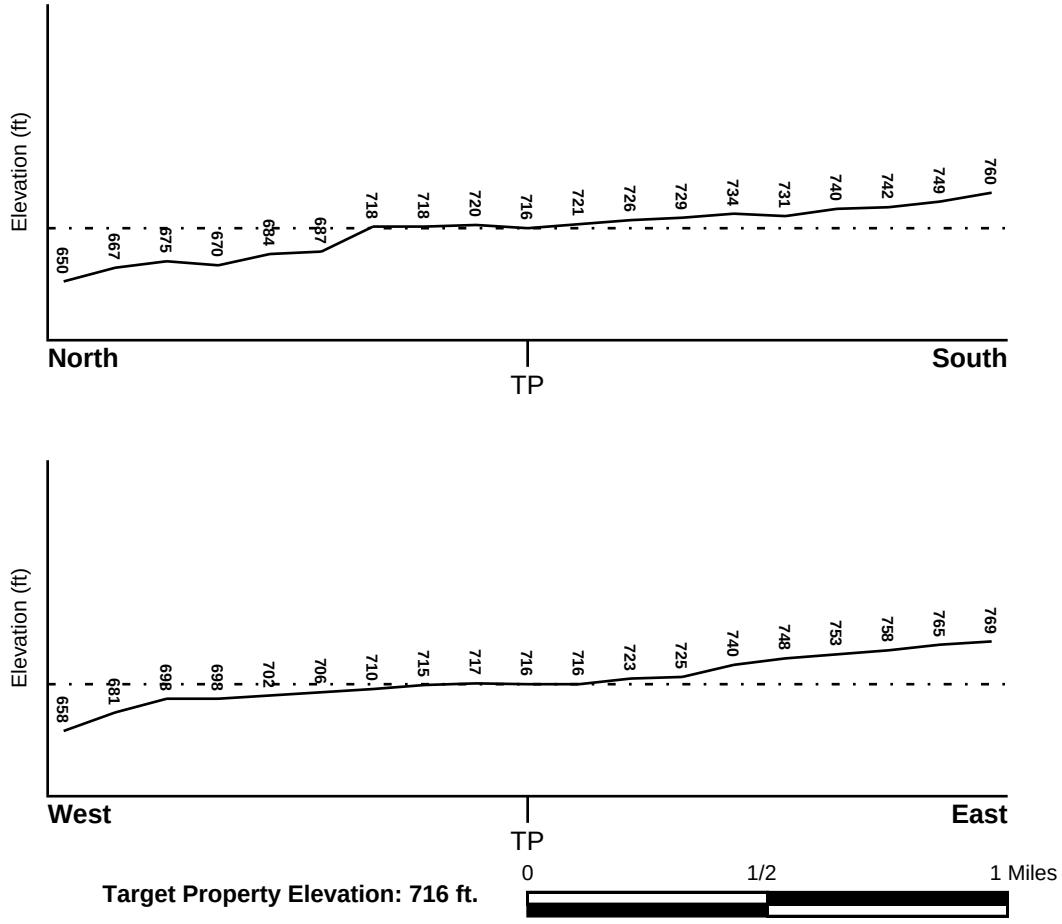
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 716 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
ERIE, NY	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 36029C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
BUFFALO SE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

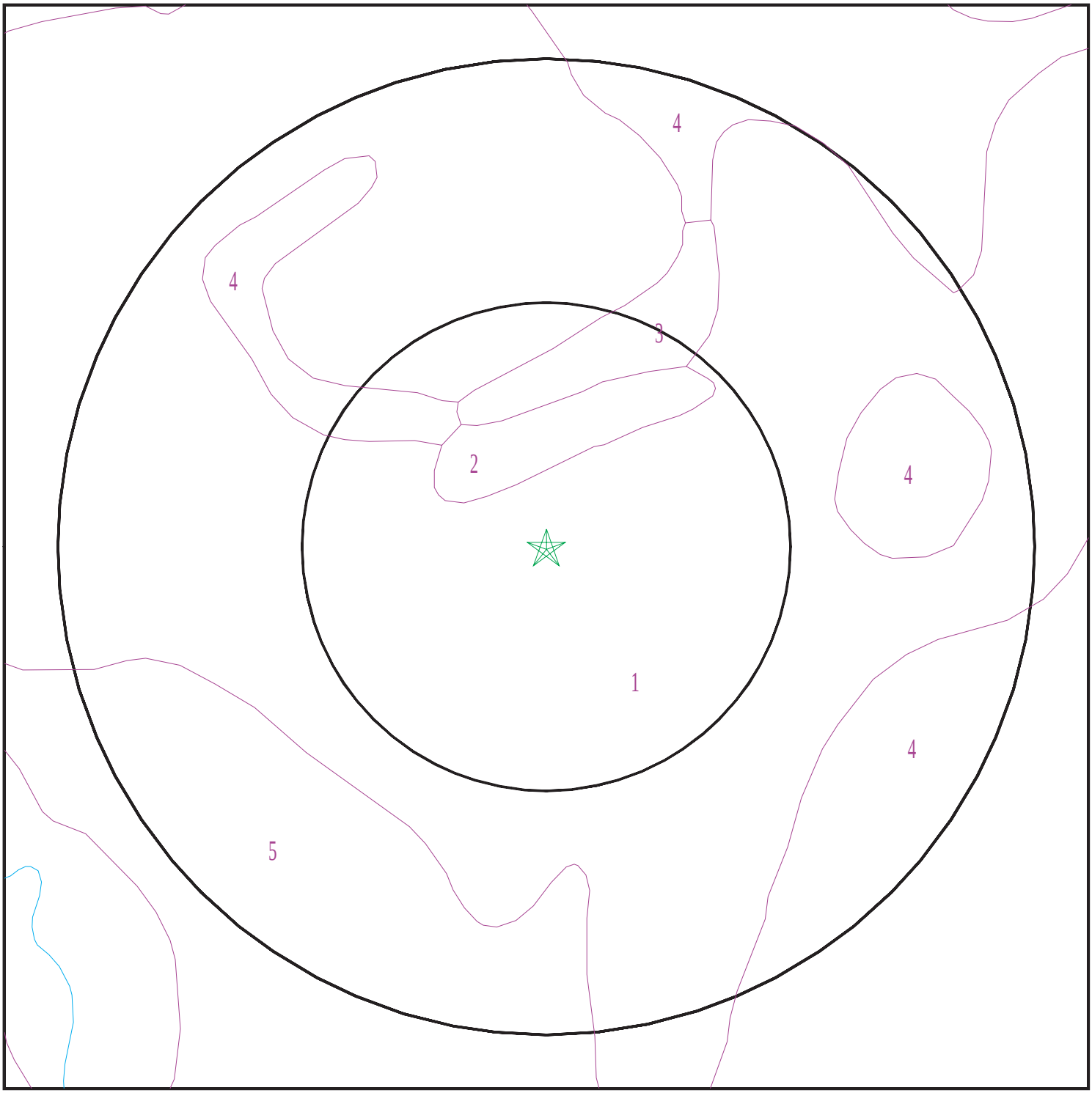
Era:	Paleozoic
System:	Devonian
Series:	Middle Devonian
Code:	D2 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 3749026.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Commercial Plaza	CLIENT:	LCS, Inc
ADDRESS:	3021 Orchard Park Rd Orchard Park NY 14127	CONTACT:	Stephanie Laplaca
LAT/LONG:	42.8034 / 78.7541	INQUIRY #:	3749026.2s
		DATE:	October 04, 2013 3:39 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Remsen

Soil Surface Texture: silty clay loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0 Min: 0	Max: 8.4 Min: 7.4
2	9 inches	35 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0 Min: 0	Max: 8.4 Min: 7.4
3	35 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0 Min: 0	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Canandaigua

Soil Surface Texture: silt loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
2	9 inches	37 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
3	37 inches	59 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Map ID: 3

Soil Component Name: Niagara

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
2	11 inches	27 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
3	27 inches	72 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Map ID: 4

Soil Component Name: Remsen

Soil Surface Texture: silty clay loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0 Min: 0	Max: 8.4 Min: 7.4
2	9 inches	35 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0 Min: 0	Max: 8.4 Min: 7.4
3	35 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0 Min: 0	Max: 8.4 Min: 7.4

Soil Map ID: 5

Soil Component Name: Red Hook

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 1.4	Max: 7.8 Min: 5.6
2	9 inches	22 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 1.4	Max: 7.8 Min: 5.6
3	22 inches	59 inches	stratified channery loam to sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 1.4	Max: 7.8 Min: 5.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

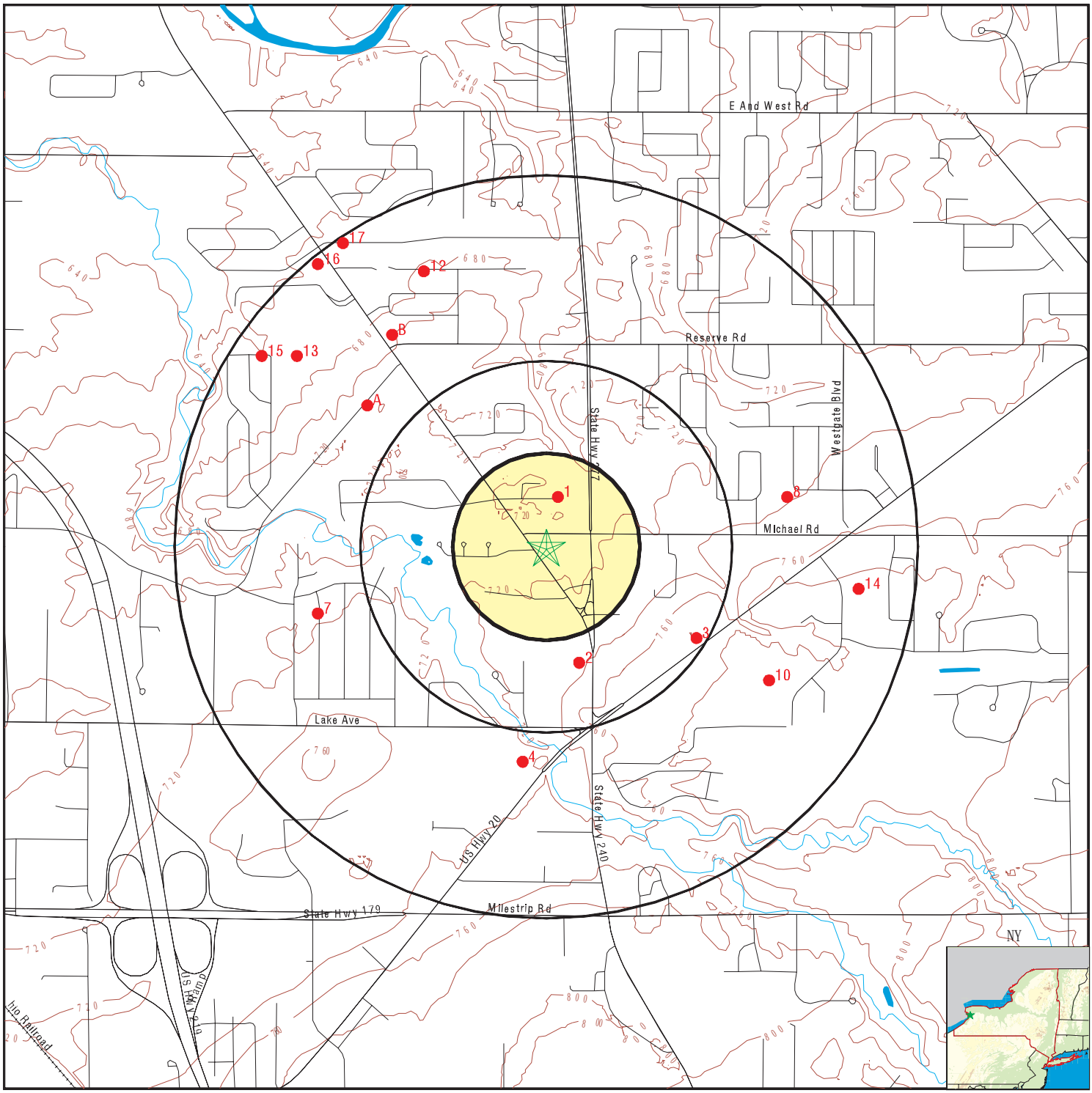
MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	NYOG70000034846	1/8 - 1/4 Mile NNE
2	NYOG70000034683	1/4 - 1/2 Mile SSE
3	NYOG70000034709	1/4 - 1/2 Mile ESE
4	NYOG70000034594	1/2 - 1 Mile South
A5	NYOG70000034903	1/2 - 1 Mile NW
A6	NYOG70000034902	1/2 - 1 Mile NW
7	NYOG70000034735	1/2 - 1 Mile WSW
8	NYOG70000034847	1/2 - 1 Mile ENE
B9	NYOG70000034940	1/2 - 1 Mile NW
10	NYOG70000034660	1/2 - 1 Mile ESE
B11	NYOG70000034949	1/2 - 1 Mile NW
12	NYOG70000034997	1/2 - 1 Mile NNW
13	NYOG70000034934	1/2 - 1 Mile NW
14	NYOG70000034767	1/2 - 1 Mile East
15	NYOG70000034933	1/2 - 1 Mile NW
16	NYOG70000035003	1/2 - 1 Mile NW
17	NYOG70000035021	1/2 - 1 Mile NW

PHYSICAL SETTING SOURCE MAP - 3749026.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Commercial Plaza	CLIENT:	LCS, Inc
ADDRESS:	3021 Orchard Park Rd Orchard Park NY 14127	CONTACT:	Stephanie Laplaca
LAT/LONG:	42.8034 / 78.7541	INQUIRY #:	3749026.2s
		DATE:	October 04, 2013 3:39 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
NNE **OIL_GAS** **NYOG70000034846**
1/8 - 1/4 Mile

Api wellno:	31029034440000	Cnty:	Erie
Hole:	03444	Sidetrck:	0
Completion:	0		
Well nm:	Breitkruz W 1 IGC-143		
Coname:	Iroquois Gas Corp.		
Opno:	16		
Dt approv:	06/01/1968	Dt spud:	06/13/1907
Dt comp:	07/06/1907	Well typ:	Gas Development
Dtd:	1452		
Wl status:	Plugged and Abandoned	Town:	West Seneca
Field:	West Seneca	Prodform:	Medina
Xloc:	-78.75348		
Yloc:	42.80534		
Confid:	Well does not have confidential information.		
Wellst:	Gas Well Plugged		
Quad:	Buffalo SE	Quadsec:	F
Deepestfor:	Not Applicable	Elevation:	705
Dt mod:	01/24/2003	Site id:	NYOG70000034846

2
SSE **OIL_GAS** **NYOG70000034683**
1/4 - 1/2 Mile

Api wellno:	31029037680000	Cnty:	Erie
Hole:	03768	Sidetrck:	0
Completion:	0		
Well nm:	Weiss John 1		
Coname:	Iroquois Gas Corp.		
Opno:	16		
Dt approv:	06/01/1968	Dt spud:	07/03/1924
Dt comp:	05/02/1913	Well typ:	Gas Development
Dtd:	1860		
Wl status:	Plugged and Abandoned	Town:	Orchard Park
Field:	West Seneca	Prodform:	Medina
Xloc:	-78.75236		
Yloc:	42.79888		
Confid:	Well does not have confidential information.		
Wellst:	Gas Well Plugged		
Quad:	Buffalo SE	Quadsec:	F
Deepestfor:	Not Applicable	Elevation:	750
Dt mod:	01/12/2011	Site id:	NYOG70000034683

3
ESE **OIL_GAS** **NYOG70000034709**
1/4 - 1/2 Mile

Api wellno:	31029081550000	Cnty:	Erie
Hole:	08155	Sidetrck:	0
Completion:	0		
Well nm:	Buerger(Full Gospel997-I		
Coname:	Seneca Resources Corp.		
Opno:	826		
Dt approv:	07/30/1970	Dt spud:	06/26/1970
Dt comp:	05/15/1971	Well typ:	Gas Development
Dtd:	0		
Wl status:	Active	Town:	Orchard Park
Field:	Orchard Park-Hamburg	Prodform:	Medina
Xloc:	-78.74615		
Yloc:	42.79984		
Confid:	Well does not have confidential information.		
Wellst:	Gas Well		
Quad:	Orchard Park	Quadsec:	D
Deepestfor:	Not Applicable	Elevation:	0
Dt mod:	01/05/2004	Site id:	NYOG70000034709

4
South **OIL_GAS** **NYOG70000034594**
1/2 - 1 Mile

Api wellno:	31029034880000	Cnty:	Erie
Hole:	03488	Sidetrck:	0
Completion:	0		
Well nm:	Boldt 2 IGC-108		
Coname:	Iroquois Gas Corp.		
Opno:	16		
Dt approv:	06/01/1968	Dt spud:	05/03/1921
Dt comp:	07/14/1921	Well typ:	Gas Development
Dtd:	1376		
Wl status:	Plugged and Abandoned	Town:	Orchard Park
Field:	West Seneca	Prodform:	Medina
Xloc:	-78.75535		
Yloc:	42.79502		
Confid:	Well does not have confidential information.		
Wellst:	Gas Well Plugged		
Quad:	Buffalo SE	Quadsec:	F
Deepestfor:	Not Applicable	Elevation:	740
Dt mod:	01/24/2003	Site id:	NYOG70000034594

A5
NW **OIL_GAS** **NYOG70000034903**
1/2 - 1 Mile

Api wellno:	31029038150000	Cnty:	Erie
Hole:	03815	Sidetrck:	0
Completion:	0		
Well nm:	Fick John M 1		
Coname:	Iroquois Gas Corp.		
Opno:	16		
Dt approv:	06/01/1968	Dt spud:	11/08/1955
Dt comp:	01/01/1900	Well typ:	Gas Development
Dtd:	1413		
Wl status:	Inactive	Town:	West Seneca
Field:	West Seneca	Prodform:	Medina

Xloc:	-78.7632		
Yloc:	42.80891		
Confid:	Well does not have confidential information.		
Wellst:	Gas Well		
Quad:	Buffalo SE	Quadsec:	F
Deepestfor:	Not Applicable	Elevation:	720
Dt mod:	01/05/2004	Site id:	NYOG70000034903

A6
NW **OIL_GAS** **NYOG70000034902**
1/2 - 1 Mile

Api wellno:	31029008350000	Cnty:	Erie
Hole:	00835	Sidetrck:	0
Completion:	0		
Well nm:	Flick 105		
Coname:	Iroquois Gas Corp.		
Opno:	16		
Dt approv:	10/06/1988	Dt spud:	10/04/1948
Dt comp:	12/01/1948	Well typ:	Gas Development
Dtd:	0		
Wl status:	Plugged and Abandoned	Town:	West Seneca
Field:	West Seneca	Prodform:	Medina
Xloc:	-78.76394		
Yloc:	42.80891		
Confid:	Well does not have confidential information.		
Wellst:	Gas Well Plugged		
Quad:	Not Reported	Quadsec:	Not Reported
Deepestfor:	Not Applicable	Elevation:	720
Dt mod:	01/24/2003	Site id:	NYOG70000034902

7
WSW **OIL_GAS** **NYOG70000034735**
1/2 - 1 Mile

Api wellno:	31029034900000	Cnty:	Erie
Hole:	03490	Sidetrck:	0
Completion:	0		
Well nm:	Berg Charles 1 IGC-113		
Coname:	Iroquois Gas Corp.		
Opno:	16		
Dt approv:	06/01/1968	Dt spud:	01/01/1900
Dt comp:	01/01/1900	Well typ:	Gas Development
Dtd:	1891		
Wl status:	Plugged and Abandoned	Town:	Orchard Park
Field:	West Seneca	Prodform:	Medina
Xloc:	-78.76619		
Yloc:	42.8008		
Confid:	Well does not have confidential information.		
Wellst:	Gas Well Plugged		
Quad:	Buffalo SE	Quadsec:	F
Deepestfor:	Not Applicable	Elevation:	725
Dt mod:	01/24/2003	Site id:	NYOG70000034735

Map ID
Direction
Distance

Database EDR ID Number

8
ENE
1/2 - 1 Mile

OIL_GAS **NYOG70000034847**

Api wellno:	31029038210000	Cnty:	Erie
Hole:	03821	Sidetrck:	0
Completion:	0		
Well nm:	Grotke IGC-112		
Coname:	Iroquois Gas Corp.		
Opno:	16		
Dt approv:	06/01/1968	Dt spud:	01/01/1900
Dt comp:	01/01/1900	Well typ:	Gas Development
Dtd:	1414		
Wl status:	Plugged and Abandoned	Town:	West Seneca
Field:	West Seneca	Prodform:	Medina
Xloc:	-78.74135		
Yloc:	42.80534		
Confid:	Well does not have confidential information.		
Wellst:	Gas Well Plugged		
Quad:	Orchard Park	Quadsec:	D
Deepestfor:	Not Applicable	Elevation:	750
Dt mod:	01/24/2003	Site id:	NYOG70000034847

B9
NW
1/2 - 1 Mile

OIL_GAS **NYOG70000034940**

Api wellno:	31029034740000	Cnty:	Erie
Hole:	03474	Sidetrck:	0
Completion:	0		
Well nm:	Kuntz and Roth 2		
Coname:	Iroquois Gas Corp.		
Opno:	16		
Dt approv:	06/01/1968	Dt spud:	01/01/1900
Dt comp:	01/01/1900	Well typ:	Gas Development
Dtd:	1300		
Wl status:	Plugged and Abandoned	Town:	West Seneca
Field:	West Seneca	Prodform:	Medina
Xloc:	-78.76244		
Yloc:	42.81139		
Confid:	Well does not have confidential information.		
Wellst:	Gas Well Plugged		
Quad:	Buffalo SE	Quadsec:	F
Deepestfor:	Not Applicable	Elevation:	800
Dt mod:	01/12/2011	Site id:	NYOG70000034940

10
ESE
1/2 - 1 Mile

OIL_GAS **NYOG70000034660**

Api wellno:	31029037700000	Cnty:	Erie
Hole:	03770	Sidetrck:	0
Completion:	0		
Well nm:	Buerger Paul T 1		
Coname:	Iroquois Gas Corp.		
Opno:	16		
Dt approv:	06/01/1968	Dt spud:	12/01/1924
Dt comp:	10/25/1912	Well typ:	Gas Development
Dtd:	1882		
Wl status:	Inactive	Town:	Orchard Park
Field:	West Seneca	Prodform:	Medina
Xloc:	-78.74231		
Yloc:	42.79819		
Confid:	Well does not have confidential information.		
Wellst:	Gas Well		
Quad:	Orchard Park	Quadsec:	D
Deepestfor:	Not Applicable	Elevation:	785
Dt mod:	01/05/2004	Site id:	NYOG70000034660

B11
NW
1/2 - 1 Mile

OIL_GAS **NYOG70000034949**

Api wellno:	31029034410000	Cnty:	Erie
Hole:	03441	Sidetrck:	0
Completion:	0		
Well nm:	Ulrich 1 IGC-142		
Coname:	Iroquois Gas Corp.		
Opno:	16		
Dt approv:	06/01/1968	Dt spud:	04/04/1907
Dt comp:	04/25/1907	Well typ:	Gas Development
Dtd:	1395		
Wl status:	Plugged and Abandoned	Town:	West Seneca
Field:	West Seneca	Prodform:	Medina
Xloc:	-78.76207		
Yloc:	42.81194		
Confid:	Well does not have confidential information.		
Wellst:	Gas Well Plugged		
Quad:	Buffalo SE	Quadsec:	F
Deepestfor:	Not Applicable	Elevation:	700
Dt mod:	01/24/2003	Site id:	NYOG70000034949

12
NNW
1/2 - 1 Mile

OIL_GAS **NYOG70000034997**

Api wellno:	31029038160000	Cnty:	Erie
Hole:	03816	Sidetrck:	0
Completion:	0		
Well nm:	Metzler 1 IGC-106		
Coname:	Iroquois Gas Corp.		
Opno:	16		
Dt approv:	06/01/1968	Dt spud:	11/08/1955
Dt comp:	01/01/1900	Well typ:	Gas Development
Dtd:	1341		
Wl status:	Plugged and Abandoned	Town:	West Seneca
Field:	West Seneca	Prodform:	Medina

Xloc:	-78.76058		
Yloc:	42.81414		
Confid:	Well does not have confidential information.		
Wellst:	Gas Well Plugged		
Quad:	Buffalo SE	Quadsec:	Not Reported
Deepestfor:	Not Applicable	Elevation:	680
Dt mod:	07/02/1993	Site id:	NYOG70000034997

13
NW
1/2 - 1 Mile

OIL_GAS **NYOG70000034934**

Api wellno:	31029034720000	Cnty:	Erie
Hole:	03472	Sidetrck:	0
Completion:	0		
Well nm:	Roth and Kuntz 1		
Coname:	Iroquois Gas Corp.		
Opno:	16		
Dt approv:	06/01/1968	Dt spud:	01/01/1900
Dt comp:	01/01/1900	Well typ:	Gas Development
Dtd:	1300		
Wl status:	Inactive	Town:	West Seneca
Field:	West Seneca	Prodform:	Medina
Xloc:	-78.7673		
Yloc:	42.81084		
Confid:	Well does not have confidential information.		
Wellst:	Gas Well		
Quad:	Buffalo SE	Quadsec:	F
Deepestfor:	Not Applicable	Elevation:	690
Dt mod:	01/05/2004	Site id:	NYOG70000034934

14
East
1/2 - 1 Mile

OIL_GAS **NYOG70000034767**

Api wellno:	31029069210000	Cnty:	Erie
Hole:	06921	Sidetrck:	0
Completion:	0		
Well nm:	Groth 153		
Coname:	Iroquois Gas Corp.		
Opno:	16		
Dt approv:	08/01/1969	Dt spud:	07/24/1969
Dt comp:	10/08/1969	Well typ:	Not Listed
Dtd:	0		
Wl status:	Plugged and Abandoned	Town:	Orchard Park
Field:	West Seneca	Prodform:	Medina
Xloc:	-78.73757		
Yloc:	42.80176		
Confid:	Well does not have confidential information.		
Wellst:	Other Well Plugged		
Quad:	Orchard Park	Quadsec:	D
Deepestfor:	Not Applicable	Elevation:	780
Dt mod:	10/29/1998	Site id:	NYOG70000034767

Map ID
Direction
Distance

Database EDR ID Number

15
NW
1/2 - 1 Mile

OIL_GAS **NYOG70000034933**

Api wellno:	31029034460000	Cnty:	Erie
Hole:	03446	Sidetrck:	0
Completion:	0		
Well nm:	Berg Louis 1 IGC-149		
Coname:	Iroquois Gas Corp.		
Opno:	16		
Dt approv:	06/01/1968	Dt spud:	12/03/1907
Dt comp:	12/28/1907	Well typ:	Gas Development
Dtd:	1356		
Wl status:	Plugged and Abandoned	Town:	West Seneca
Field:	West Seneca	Prodform:	Not Applicable
Xloc:	-78.76916		
Yloc:	42.81084		
Confid:	Well does not have confidential information.		
Wellst:	Gas Well Plugged		
Quad:	Buffalo SE	Quadsec:	Not Reported
Deepestfor:	Not Applicable	Elevation:	690
Dt mod:	07/02/1993	Site id:	NYOG70000034933

16
NW
1/2 - 1 Mile

OIL_GAS **NYOG70000035003**

Api wellno:	31029034490000	Cnty:	Erie
Hole:	03449	Sidetrck:	0
Completion:	0		
Well nm:	Roth John 1 434		
Coname:	Iroquois Gas Corp.		
Opno:	16		
Dt approv:	06/01/1968	Dt spud:	07/23/1926
Dt comp:	06/06/1906	Well typ:	Gas Development
Dtd:	1287		
Wl status:	Plugged and Abandoned	Town:	West Seneca
Field:	West Seneca	Prodform:	Medina
Xloc:	-78.76619		
Yloc:	42.81442		
Confid:	Well does not have confidential information.		
Wellst:	Gas Well Plugged		
Quad:	Buffalo SE	Quadsec:	F
Deepestfor:	Queenston	Elevation:	670
Dt mod:	11/13/1996	Site id:	NYOG70000035003

17
NW
1/2 - 1 Mile

OIL_GAS **NYOG70000035021**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Api wellno:	31029033800000	Cnty:	Erie
Hole:	03380	Sidetrck:	0
Completion:	0		
Well nm:	Metzler 1 IGC-141		
Coname:	Iroquois Gas Corp.		
Opno:	16		
Dt approv:	06/01/1968	Dt spud:	02/16/1907
Dt comp:	03/24/1907	Well typ:	Gas Development
Dtd:	1362		
Wl status:	Plugged and Abandoned	Town:	West Seneca
Field:	West Seneca	Prodform:	Medina
Xloc:	-78.76486		
Yloc:	42.81524		
Confid:	Well does not have confidential information.		
Wellst:	Gas Well Plugged		
Quad:	Buffalo SE	Quadsec:	F
Deepestfor:	Not Applicable	Elevation:	665
Dt mod:	01/24/2003	Site id:	NYOG70000035021

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: NY Radon

Radon Test Results

County	Town	Num Tests	Avg Result	Geo Mean	Max Result
ERIE	ALDEN	123	5.69	1.93	185.3
ERIE	AMHERST	864	2.57	1.15	115.6
ERIE	AURORA	436	10.94	4.46	215.6
ERIE	BOSTON	101	9.51	4.47	49.9
ERIE	BRANT	9	12.9	4.13	78.7
ERIE	BUFFALO	936	1.18	0.62	63.2
ERIE	CHEEKTOWAGA	444	1.03	0.71	30.8
ERIE	CLARENCE	244	6.79	2.37	207.8
ERIE	COLDEN	45	5.4	3.44	38
ERIE	COLLINS	48	11.83	4.76	115.1
ERIE	CONCORD	180	15.75	7.87	163
ERIE	EDEN	163	6.74	3.33	206.7
ERIE	ELMA	282	8.17	3.15	213.6
ERIE	EVANS	121	5.77	2.92	92.3
ERIE	GRAND ISLAND	85	1.41	1.03	7.5
ERIE	HAMBURG	753	4.9	2.2	136.8
ERIE	HOLLAND	55	8.09	3.57	122.9
ERIE	KENMORE	146	0.75	0.56	4.8
ERIE	LACKAWANNA	42	1.45	0.83	11.4
ERIE	LANCASTER	177	2.76	1.17	155.1
ERIE	MARILLA	239	28.88	9.31	371.9
ERIE	NEWSTEAD	88	3.44	2.35	18
ERIE	NO. COLLINS	28	7.97	3.88	75.6
ERIE	ORCHARD PARK	490	4.8	2.37	116.9
ERIE	SARDINIA	25	22.28	8.33	121.2
ERIE	TONAWANDA	392	1.04	0.72	18.9
ERIE	W. SENECA	266	2.51	1.35	55.8
ERIE	WALES	44	11.97	4.35	181.7

Federal EPA Radon Zone for ERIE County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for ERIE COUNTY, NY

Number of sites tested: 622

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	1.000 pCi/L	89%	11%	0%
Basement	1.150 pCi/L	87%	11%	2%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Department of Environmental Conservation
Telephone: 518-402-8072
These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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10.7 MUNICIPAL INFORMATION

LCS INC.
Environmental and Real Estate Consultants

Lender Consulting Services, Inc.
Corporate Headquarters
Waterfront Village
40 La Riviere Drive Suite 120
Buffalo, New York 14202

Tel: 800.474.6802
716.845.6145
Fax: 716.845.6164
www.lenderconsulting.com

October 7, 2013

Mr. David G. Holland
Orchard Park Building Inspector
Orchard Park Municipal Center
4295 South Buffalo Street
Orchard Park, New York 14127

RE: Records Review Request for File 4431.29
PLEASE REFERENCE THIS # WHEN RESPONDING

Dear Mr. Holland;

Our firm is performing a Phase I Environmental Audit of a real property located within the Town of Orchard Park. I am writing to request that a review be made of the Town of Orchard Park Building Inspector's Building Permits, and Property Violation records which are relevant to the purpose of this Phase I Audit. Please review the following records which pertain to the below referenced site.

1) Records or notifications of tank installations and/or removals
2) Violations/Complaint Files
3) Hazardous Materials Permits
4) Violation letters with regards to hazardous materials

Please review any additional records maintained by the Town of Orchard Park that may be relevant to the purpose of this Phase I Environmental Audit. If any records are found please contact me to discuss any applicable fees prior to copying. Thank you.

SITE NAME:	**Commercial building**
STREET ADDRESS:	**3021 Orchard Park Rd**
MUNICIPALITY:	**Orchard Park**
COUNTY:	**Erie**
CURRENT OWNER(S):	**Orchard Park Associates**
PAST OWNER(S):	**Tops Market LLC**
CURRENT USE:	**Retail stores**
PAST USE(S):	**Tops Market**
SIZE:	**5.44 acres**
SBL#:	**152.12-2-1 and -2.1**

If you have any questions regarding this request for information, please do not hesitate to call. The information that you provide is greatly appreciated.

Sincerely,

Robyn B. Ventura
LCS Inc.

LCS, INC.
MUNICIPAL INFORMATION

PROJECT#: 13BU1431.29
MUNICIPALITY (Identify Village/Town/City): Orchard Park
ADDRESS (Identify all potential addresses): 3021-3041 Orchard Park Rd

Office: Assessment
Date: 10/4

***obtain copy of tax map**

SBL #/Tax Parcel #: 152.12-2-2.1 → 152.12-2-1
Owner: Orchard Park Associates → Tops Market LLC
Past owner(s): not listed
Size: 4.60 → .84
Utilities: all
Additional info.: 44,596 ft
blt 1972

Office: Building/Code Enforcement Department
Date:

Sent FOIA

*Review permits, complaints, violations, records of historic heating systems, etc.

Office:
Date:

*Use this section for any additional or as extra for sections above.

Rev. Date 7-2004

realRecord™

OWNERSHIP INFORMATION

ORCHARD PARK ASSOCIATES
ORCHARD PARK RD
ORCHARD PARK NY 14127-0000

COUNTY: ERIE

PROPERTY CLASS: 330 - VACANT LAND LOCATED IN COMMERCIAL AREAS

PARCEL NO: 152.12-2-1

Mail: 403 MAIN ST
BUFFALO NY 14203-2107

PHONE NUMBER:

CENSUS TRACT:

SWIS_SBL: 146089152120000 2001000

SALE DATE	PRICE	DEED DATE	LIBRE	PAGE	ARMS LENGTH	SELLER	BUYER	PERS. PROP	# PARCELS
04/28/2009	$ 1	04/28/2009	11160	2759	N	TOPS MARKETS LLC	ORCHARD PARK ASSOCIATES	0	1
09/01/2008	$ 0	04/28/2009	11160	2759	N	TOPS MARKETS LLC	ORCHARD PARK ASSOCIATES	0	1

STRUCTURAL INFORMATION

Overall Eff. Yr Built	0
Overall Grade	
Overall Condition	AVERAGE
Construction Type	

TAX INFORMATION

SBL(Tax ID)#:	152.12-2-1
Assessed Value $	67,900
Land Assesment $	67,900
School Tax $	1,948
County/Town Tax $	979
City/Village Tax $	0
Total Tax $	2,927
Full Tax Value $	117,068
Equalization Rate	0.58
Prior Tax ID#	3-286-15
Full Land Value $	117,068

*The calculated tax amounts are not exact. No special district tax amounts or exemptions have been included. All numbers are estimated based on town values. Taxes should be verified directly from the local tax collector.

Updated:08/27/2013 7:46 pm

LOT INFORMATION

Lot Size Dim.:	160.00x230.00
Land SQFT	36,800
Lot Size Acres	0.84
Zoning	
Nbhd Code	13
School District	146801 - WEST SENECA
Desirability	TYPICAL
Water Front	N
Sewer	COMMERCIAL/PUBLIC
Water	COMMERCIAL/PUBLIC
Utilities	ELECTRIC
Nbhd. Rating	UNKNOWN
Nbhd. Type	UNKNOWN
# Res. Sites	0
# Comm. Sites	1
Swis Code	146089

BUILDING USAGE

USE AS: NON-CONTRIB

BUILDING BREAKDOWN

# IDENT. BLDS.	BOECKH MODEL	YR. BUILT	QUALITY	CONDITION	PERIMETER	GROSS SQ.FT.	STORY STORIES	HEIGHT	AC%	SPRINKLER%	ALARM%	BSMT. TYPE	BSMT. SQ.FT.
												UNKNOWN	

IMPROVEMENTS :

Note: Display indicates first residential site and up to four improvements.

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OWNERSHIP INFORMATION	PARCEL NO: 152.12-2-2.1
ORCHARD PARK ASSOCIATES **3021 ORCHARD PARK RD** **ORCHARD PARK NY 14127-1208**	**Mail:** 403 MAIN ST BUFFALO NY 14203-2107 **PHONE NUMBER:**
COUNTY: ERIE **PROPERTY CLASS:** 452 - AREA OF NEIGHBORHOOD SHOPPING CENTERS	**CENSUS TRACT:** 0137.01 **SWIS_SBL:** 146089152120000200 2100

SALE DATE	PRICE	DEED DATE	LIBRE	PAGE	ARMS LENGTH	SELLER	BUYER	PERS. PROP	# PARCELS

No sale history in database for this parcel.

STRUCTURAL INFORMATION	
Overall Eff. Yr Built	1972
Overall Grade	
Overall Condition	GOOD
Construction Type	

TAX INFORMATION	
SBL(Tax ID)#:	152.12-2-2.1
Assessed Value $	1,100,000
Land Assesment $	654,700
School Tax $	31,559
County/Town Tax $	15,862
City/Village Tax $	0
Total Tax $	47,421
Full Tax Value $	1,896,551
Equalization Rate	0.58
Prior Tax ID#	152.12-2-2
Full Land Value $	1,128,793

*The calculated tax amounts are not exact. No special district tax amounts or exemptions have been included. All numbers are estimated based on town values. Taxes should be verified directly from the local tax collector.

LOT INFORMATION	
Lot Size Dim.:	440.74x281.76
Land SQFT	124,183
Lot Size Acres	4.60
Zoning	B2
Nbhd Code	13
School District	146801 - WEST SENECA
Desirability	TYPICAL
Water Front	N
Sewer	COMMERCIAL/PUBLIC
Water	COMMERCIAL/PUBLIC
Utilities	GAS/ELECTRIC
Nbhd. Rating	UNKNOWN
Nbhd. Type	UNKNOWN
# Res. Sites	0
# Comm. Sites	1
Swis Code	146089

Updated:08/27/2013 7:41 pm

BUILDING USAGE

NBHD CENTER | TOTAL RENT SQ. FT.: 42756 | UNIT TYPE: SQUARE FEET | UNITS: 1
BRANCH BANK | TOTAL RENT SQ. FT.: 1840 | UNIT TYPE: SQUARE FEET | UNITS: 1

BUILDING BREAKDOWN

# IDENT. BLDS.	BOECKH MODEL	YR. BUILT	QUALITY	CONDITION	PERIMETER	GROSS SQ.FT.	STORY STORIES	HEIGHT	AC%	SPRINKLER%	ALARM%	BSMT. TYPE	BSMT. SQ.FT.
1	1 STY STORE	1,972	AVERAGE	NORMAL	954	44,596	1	14	100	0	0	SLAB/PIER	42,668

IMPROVEMENTS :

(1) NITE DEPOSIT, BUILT 1974, 0 SQFT, CONDITION NORMAL
(1) SIGN-SGL PLS, BUILT 2006, 6.00 SQFT, CONDITION GOOD
(2) SIGN-SGL PLS, BUILT 2006, 63.00 SQFT, CONDITION GOOD
(1) DRV-IN WINDW, BUILT 1974, 0 SQFT, CONDITION NORMAL
(1) PAVNG-ASPHLT, BUILT 1976, 0 SQFT, CONDITION NORMAL
(1) COLD WRHOUSE, BUILT 1972, 0 SQFT, CONDITION NORMAL
(1) SIGN-SGL PLS, BUILT 2004, 39.00 SQFT, CONDITION EXCELLENT
(1) SIGN-SGL PLS, BUILT 2004, 29.00 SQFT, CONDITION EXCELLENT
(1) SIGN-DBL PLS, BUILT 2004, 96.00 SQFT, CONDITION EXCELLENT
(1) SIGN-SGL PLS, BUILT 2006, 48.00 SQFT, CONDITION GOOD
(1) SIGN-SGL PLS, BUILT 2006, 37.00 SQFT, CONDITION GOOD

Note: Display indicates first residential site and up to four improvements

Note: Display indicates first residential site and up to four improvements.

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Erie County On-Line Mapping System
Parcel Detail Report

Report generated:
10/3/2013 6:05:07 PM

Parcel Overview Map

Parcel Detail Map

PIN: 1460891521200002002100

SBL: 152.12-2-2.1

Address: 3021 ORCHARD PARK RD

Owner 1: ORCHARD PARK ASSOCIATES

Owner 2: C/O C/O PROPERTY MANAGEMENT

Mailing Address: 403 MAIN ST

City/Zip: BUFFALO NY 14203

Municipality: Orchard Park

Property Class: 452

Class Description: C - Nbh shop ctr

Front: 440.74

Depth: 281.76

Deed Roll: 1

Deed Book: 08028

Deed Page: 00576

Deed Date:

Acreage: 4.61

Total Assessment: $1,100,000

Land Assessment: $654,700

County Taxes: $1,100,000

Town Taxes: $0

School Taxes: $0

Village Taxes: $0

School District: WEST SENECA CENTRAL SCHOOL DISTRICT

Year Built: 0

Sqft Living Area: 0

Condition: 0

Heating: 0

Basement: 0

Fireplace: 0

Beds: 0

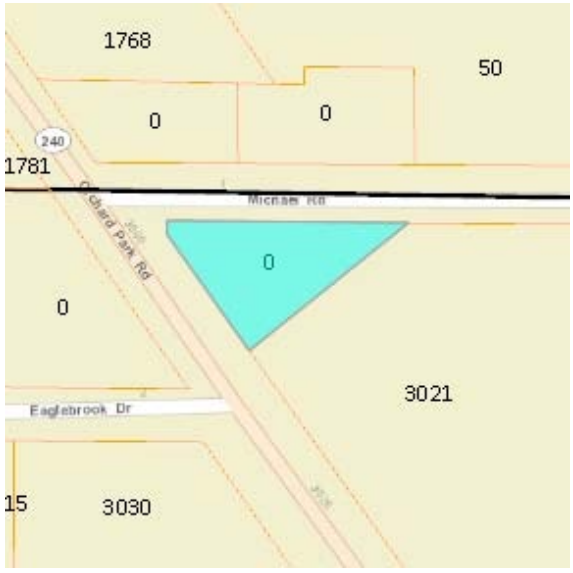
Baths: 0

Erie County, its officials, and its employees assume no responsibility or legal liability for the accuracy, completeness, reliability, timeliness, or usefulness of any information provided. Tax parcel data was prepared for tax purposes only and is not to be reproduced or used for surveying or conveyancing. This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

Erie County On-Line Mapping System
Parcel Detail Report

Report generated:
10/4/2013 2:19:40 PM

Parcel Overview Map



Parcel Detail Map

PIN: 146089152120000200 1000

SBL: 152.12-2-1

Address: 0 ORCHARD PARK RD

Owner 1: ORCHARD PARK ASSOCIATES

Owner 2:

Mailing Address: 403 MAIN

City/Zip: BUFFALO NY 14203

Municipality: Orchard Park

Property Class: 330

Class Description: B - Vacant comm

Front: 160

Depth: 230

Deed Roll: 1

Deed Book: 11160

Deed Page: 2759

Deed Date:

Acreage: 0.47

Total Assessment: $67,900

Land Assessment: $67,900

County Taxes: $67,900

Town Taxes: $0

School Taxes: $0

Village Taxes: $0

School District: WEST SENECA CENTRAL SCHOOL DISTRICT

Year Built: 0

Sqft Living Area: 0

Condition: 0

Heating: 0

Basement: 0

Fireplace: 0

Beds: 0

Baths: 0

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10.8 AERIAL PHOTOGRAPHS

Copies of some aerial photographs are unavailable.

Due Date: _____

LCS, INC. AERIAL PHOTOGRAPH REVIEW

PROJECT #: 13B1431.29
SITE ADDRESS: 3031-3041 Orchard Park Rd, Orchard Park
OFFICE REVIEWED AT: historicaerials.com
DATE REVIEWED: _____

DATE: PHOTO ID / DESCRIPTION

Yr. 06: Subject property: Developed w/ existing structure
North: Commercial
South: Commercial
East: Commercial
West: Commercial

Yr. 66: Subject property: Undeveloped land
North: Undeveloped
South: Undeveloped
East: Commercial
West: Undeveloped / commercial

Yr. 58: Subject property: SFA - possibly agri.
North: SFA / agri
South: Resi / agri
East: Undeveloped / agri
West: Resi / agri

Yr. 21: Subject property: Agricultural
North: Agricultural
South: ↓
East:
West:

Yr. ____: Subject property:
North:
South:
East:
West:

Yr. ____: Subject property:
North:
South:
East:
West:

Yr. ____: Subject property:
North:
South:
East:
West:

Yr. ____: Subject property:
North:
South:
East:
West:

**Please add site arrows, dates and north arrows to the copies of the aerials prior to sending them to Buffalo.

Rev. Date 7-2004

2006 Aerial Photograph

Google earth

feet 900
meters 200

2002 Aerial Photograph

Google earth

feet 600
meters 200

1995 Aerial Photograph

Google earth

feet 600
meters 200

10.9 HISTORICAL INFORMATION

Commercial Plaza
3021 Orchard Park Rd
Orchard Park, NY 14127

Inquiry Number: 3749026.3
October 04, 2013

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

10/04/13

Site Name:
Commercial Plaza
3021 Orchard Park Rd
Orchard Park, NY 14127

Client Name:
LCS, Inc
40 La Riviere Drive
Buffalo, NY 14202

EDR Inquiry # 3749026.3

Contact: Stephanie Laplaca

EDR® Environmental Data Resources Inc

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by LCS, Inc were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: Commercial Plaza
Address: 3021 Orchard Park Rd
City, State, Zip: Orchard Park, NY 14127
Cross Street:
P.O. # 13B4431
Project: 13B4431
Certification # D931-42FE-8379

Sanborn® Library search results
Certification # D931-42FE-8379

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✓ Library of Congress
- ✓ University Publications of America
- ✓ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Commercial Plaza
3021 Orchard Park Rd
Orchard Park, NY 14127

Inquiry Number: 3749026.5
October 09, 2013

The EDR-City Directory Image Report

Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	*Target Street*	*Cross Street*	*Source*
2008	☑	☐	Haines Criss-Cross Directory
2003	☑	☐	Haines Criss-Cross Directory
1998	☑	☐	Haines Criss-Cross Directory
1993	☑	☐	Haines Criss-Cross Directory
1989	☑	☐	Haines Criss-Cross Directory
1983	☑	☐	Haines Criss-Cross Directory
1979	☑	☐	Haines Criss-Cross Directory
1975	☑	☐	Haines Criss-Cross Directory
1969	☑	☐	Haines Criss-Cross Directory
1942	☐	☐	Haines Criss-Cross Directory

RECORD SOURCES

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FINDINGS

TARGET PROPERTY STREET

3021 Orchard Park Rd
Orchard Park, NY 14127

Year	*CD Image*	*Source*	
Orchard Park Rd			
2008	pg A1	Haines Criss-Cross Directory	
2008	pg A2	Haines Criss-Cross Directory	
2008	pg A3	Haines Criss-Cross Directory	
2003	pg A4	Haines Criss-Cross Directory	
1998	pg A5	Haines Criss-Cross Directory	
1998	pg A6	Haines Criss-Cross Directory	
1993	pg A7	Haines Criss-Cross Directory	
1989	pg A8	Haines Criss-Cross Directory	
1983	pg A9	Haines Criss-Cross Directory	
1979	pg A10	Haines Criss-Cross Directory	
1975	pg A11	Haines Criss-Cross Directory	
1969	pg A12	Haines Criss-Cross Directory	
1942	-	Haines Criss-Cross Directory	Street not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

Orchard Park Rd 2008

X CONFEDERACY DR

18	XXXX	OO	
40	XXXX	OO	
44	NELMS James	716-532-2379	6
46	XXXX	OO	
47	XXXX	OO	
50	BOMBERRY Kim	716-532-0568	4
52	GATES Janine	716-532-0285	4
53	CONANT John	716-532-3748	6
54	JONES H	716-532-2997	4

★ 0 BUS 9 RES 0 NEW

ORCHARD PARK RD
14127 ORCHARD PARK

WEALTH CODE 4.1

3394 - 3479
TOWN OF ORCHARD PARK
ORCHARD PARK CNTRL SD

X EAGLEBROOK DR

3025	XXXX	OO	
3026	♣ ★ ABC SPECIAL EVENTS	716-675-7100	1
	♣ ★ BEECHERS PARTY TIME	716-674-2675	
3027	♣ ★ FAMILY DOLLAR	716-677-2561	6
3030	♣ ★ SCHUELE PAINT CO INC	716-675-2270	4
3031	★ CVS/PHARMACY	716-674-6650	
	★ CVS/PHARMACY	716-674-6622	
3035	★ DAMATOS	716-826-6001	
	★ FANTASTIC SAM'S	716-677-5302	4
3039	XXXX	OO	
3041	★ BUFLO POSTAL CMNTY FED CR UN	716-675-5900	6
3049	XXXX	OO	

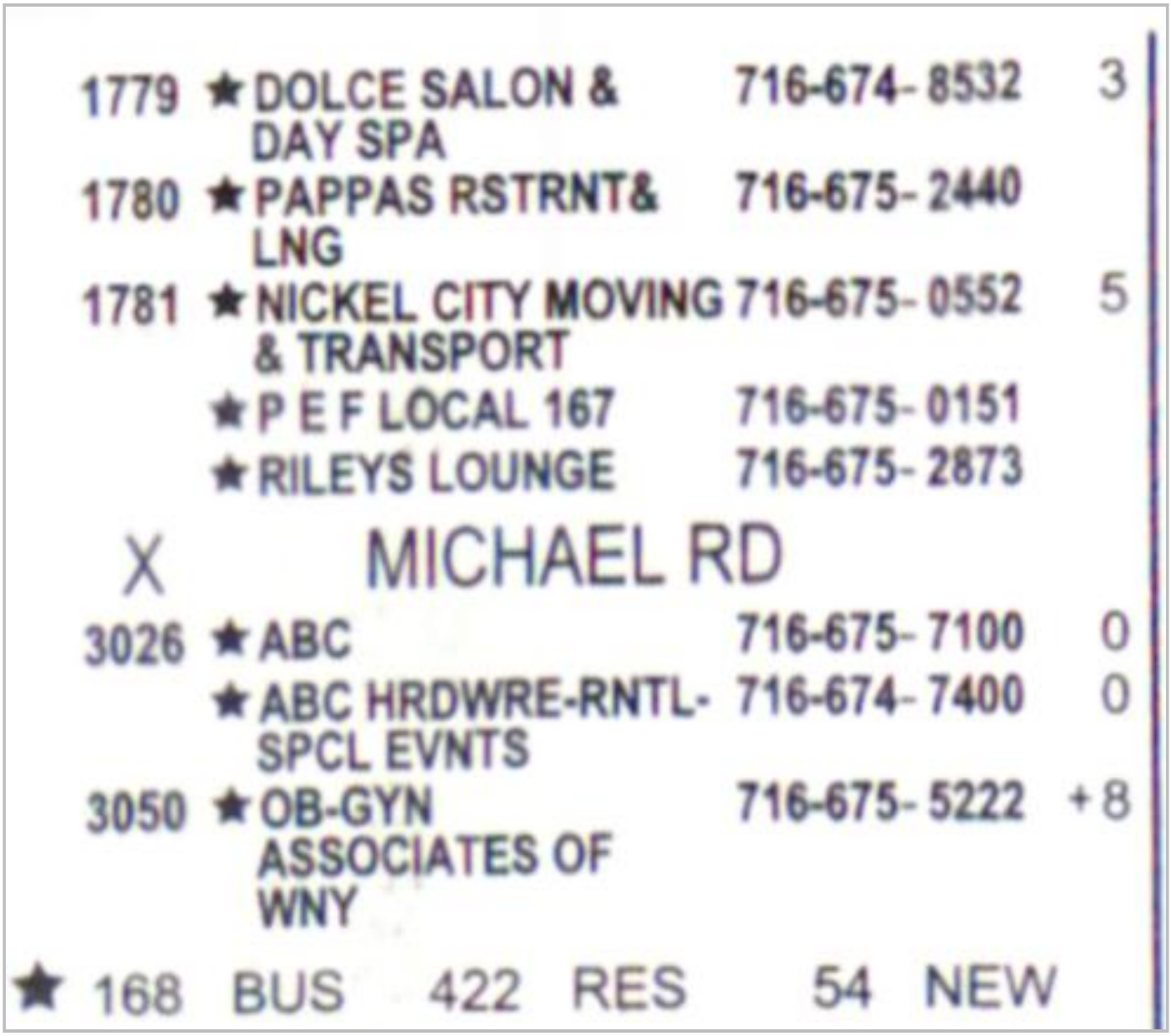
X WEISS ST

3090	♣ ★ DUFFS FAMOUS WNGS OF ORCHRD PK	716-674-7212	4
3098	♣ ★ LA-Z-BOY FURNITURE GALLERIES	716-675-3366	1
3120	♣ ★ U-HAUL CO	716-675-9343	1
3129	★ VALU HOME CENTERS	716-675-3433	

X UNION RD

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

Orchard Park Rd 2008



1779	★	DOLCE SALON & DAY SPA	716-674-8532	3
1780	★	PAPPAS RSTRNT& LNG	716-675-2440	
1781	★	NICKEL CITY MOVING & TRANSPORT	716-675-0552	5
	★	P E F LOCAL 167	716-675-0151	
	★	RILEYS LOUNGE	716-675-2873	
X		MICHAEL RD		
3026	★	ABC	716-675-7100	0
	★	ABC HRDWRE-RNTL-SPCL EVNTS	716-674-7400	0
3050	★	OB-GYN ASSOCIATES OF WNY	716-675-5222	+8

★ 168 BUS 422 RES 54 NEW

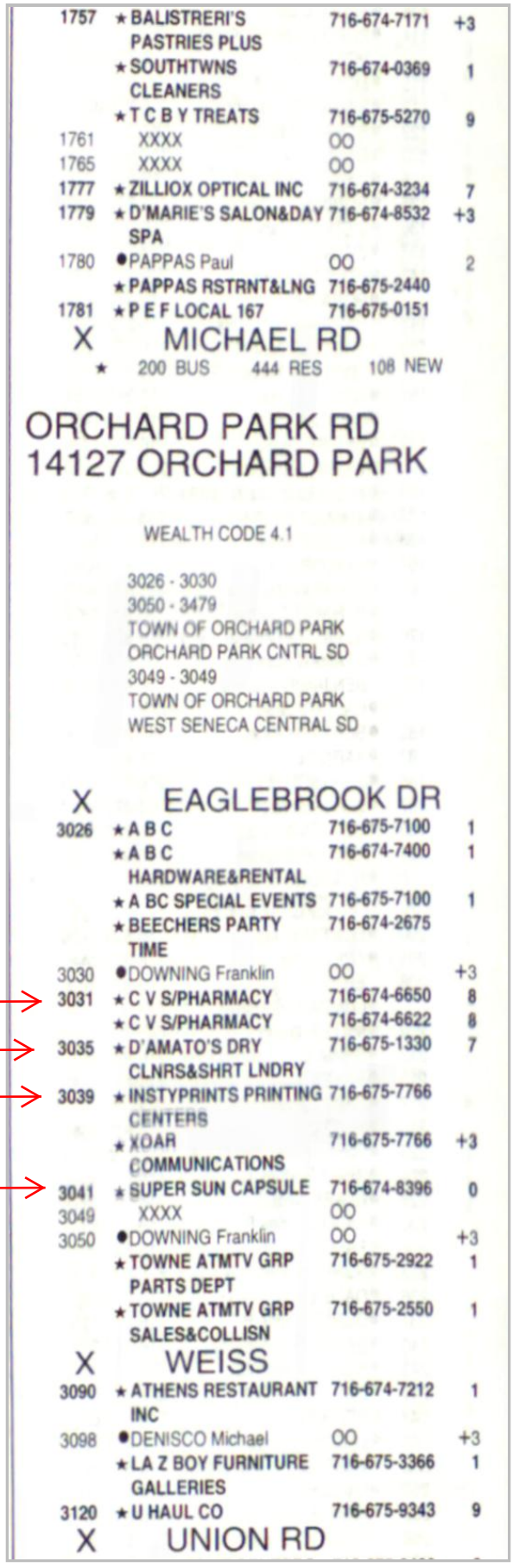
Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

Orchard Park Rd 2008

1757	★ BALISTRERIS PASTRIES PLUS	716-674-7171	3
	★ SOUTHTWNS CLEANERS	716-674-0369	1
1761	★ AMANDA TROUP	716-674-7463	+8
	★ OPTIMAL HEALTH CHIROPRACTIC	716-677-2225	4
1765	XXXX	OO	
1769	★ UNION MEDICAL PHARMACY	716-675-4133	4
1777	★ ZILLIOX OPTICAL INC	716-674-8446	4

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

Orchard Park Rd 2003



1757 ★ BALISTRERI'S PASTRIES PLUS 716-674-7171 +3
★ SOUTHTWNS CLEANERS 716-674-0369 1
★ T C B Y TREATS 716-675-5270 9
1761 XXXX OO
1765 XXXX OO
1777 ★ ZILLIOX OPTICAL INC 716-674-3234 7
1779 ★ D'MARIE'S SALON&DAY SPA 716-674-8532 +3
1780 ● PAPPAS Paul OO 2
★ PAPPAS RSTRNT&LNG 716-675-2440
1781 ★ P E F LOCAL 167 716-675-0151

X MICHAEL RD

★ 200 BUS 444 RES 108 NEW

ORCHARD PARK RD
14127 ORCHARD PARK

WEALTH CODE 4.1

3026 - 3030
3050 - 3479
TOWN OF ORCHARD PARK
ORCHARD PARK CNTRL SD
3049 - 3049
TOWN OF ORCHARD PARK
WEST SENECA CENTRAL SD

X EAGLEBROOK DR

3026 ★ A B C 716-675-7100 1
★ A B C HARDWARE&RENTAL 716-674-7400 1
★ A BC SPECIAL EVENTS 716-675-7100 1
★ BEECHERS PARTY TIME 716-674-2675
3030 ● DOWNING Franklin OO +3
3031 ★ C V S/PHARMACY 716-674-6650 8
★ C V S/PHARMACY 716-674-6622 8
3035 ★ D'AMATO'S DRY CLNRS&SHRT LNDRY 716-675-1330 7
3039 ★ INSTYPRINTS PRINTING CENTERS 716-675-7766
★ XOAR COMMUNICATIONS 716-675-7766 +3
3041 ★ SUPER SUN CAPSULE 716-674-8396 0
3049 XXXX OO
3050 ● DOWNING Franklin OO +3
★ TOWNE ATMTV GRP PARTS DEPT 716-675-2922 1
★ TOWNE ATMTV GRP SALES&COLLISN 716-675-2550 1

X WEISS

3090 ★ ATHENS RESTAURANT INC 716-674-7212 1
3098 ● DENISCO Michael OO +3
★ LA Z BOY FURNITURE GALLERIES 716-675-3366 1
3120 ★ U HAUL CO 716-675-9343 9

X UNION RD

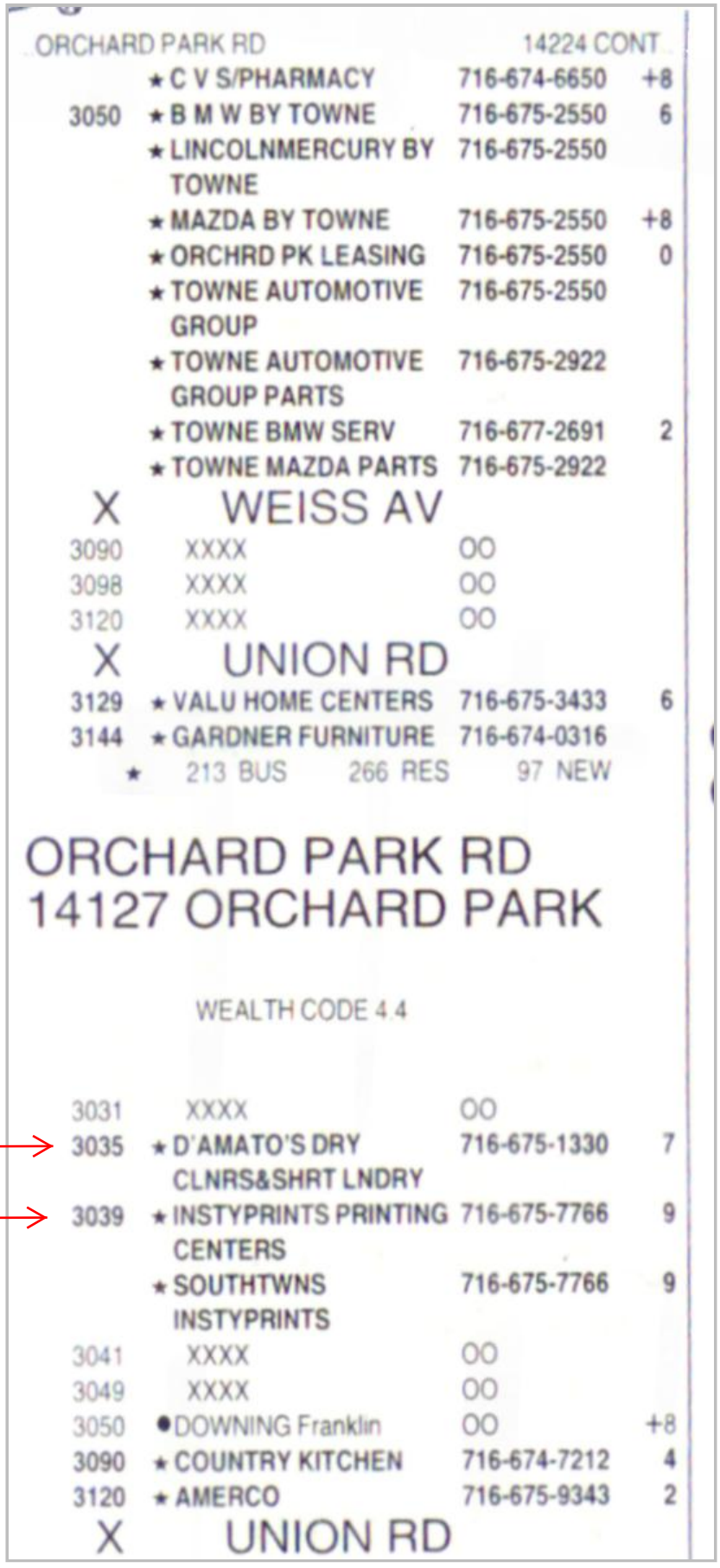
Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

Orchard Park Rd 1998

1757	XXXX	OO	
1761	★ MINUTEMAN PRESS	716-674-4010	+8
1765	XXXX	OO	
1766	XXXX	OO	
1768	XXXX	OO	
1769	★ UNION MEDICAL PHAR	716-675-4133	4
1771	XXXX	OO	
1777	★ ZILLIOX OPTICAL INC	716-674-3234	7
	★ ZILLIOX OPTICAL INC	716-674-8446	7
1779	★ FANTASTIC SAM'S	716-674-8532	+8
1780	● PAPPAS Paul	OO	+8
	★ PAPPAS RSTRNT&LNG	716-675-2440	
1781	★ MILLENNIA MARKETING SOLUTIONS	716-675-2324	+8
	★ P E F LOCAL 167	716-675-0151	
X	MICHAEL RD		
X	EAGLEBROOK DR		
3025	★ WESTRN UNION	716-675-9090	0
3026	★ BEECHERS PARTY TIME	716-674-2675	
	★ RYDER TRUCK RENTAL	716-674-7864	5
	★ STEPHENSONS RENTAL	716-674-2671	
3031	★ C V S/PHARMACY	716-674-6622	+8

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

Orchard Park Rd 1998



ORCHARD PARK RD 14224 CONT

	★ C V S/PHARMACY	716-674-6650	+8
3050	★ B M W BY TOWNE	716-675-2550	6
	★ LINCOLNMERCURY BY TOWNE	716-675-2550	
	★ MAZDA BY TOWNE	716-675-2550	+8
	★ ORCHRD PK LEASING	716-675-2550	0
	★ TOWNE AUTOMOTIVE GROUP	716-675-2550	
	★ TOWNE AUTOMOTIVE GROUP PARTS	716-675-2922	
	★ TOWNE BMW SERV	716-677-2691	2
	★ TOWNE MAZDA PARTS	716-675-2922	

X WEISS AV

3090	XXXX	OO	
3098	XXXX	OO	
3120	XXXX	OO	

X UNION RD

3129	★ VALU HOME CENTERS	716-675-3433	6
3144	★ GARDNER FURNITURE	716-674-0316	

★ 213 BUS 266 RES 97 NEW

ORCHARD PARK RD
14127 ORCHARD PARK

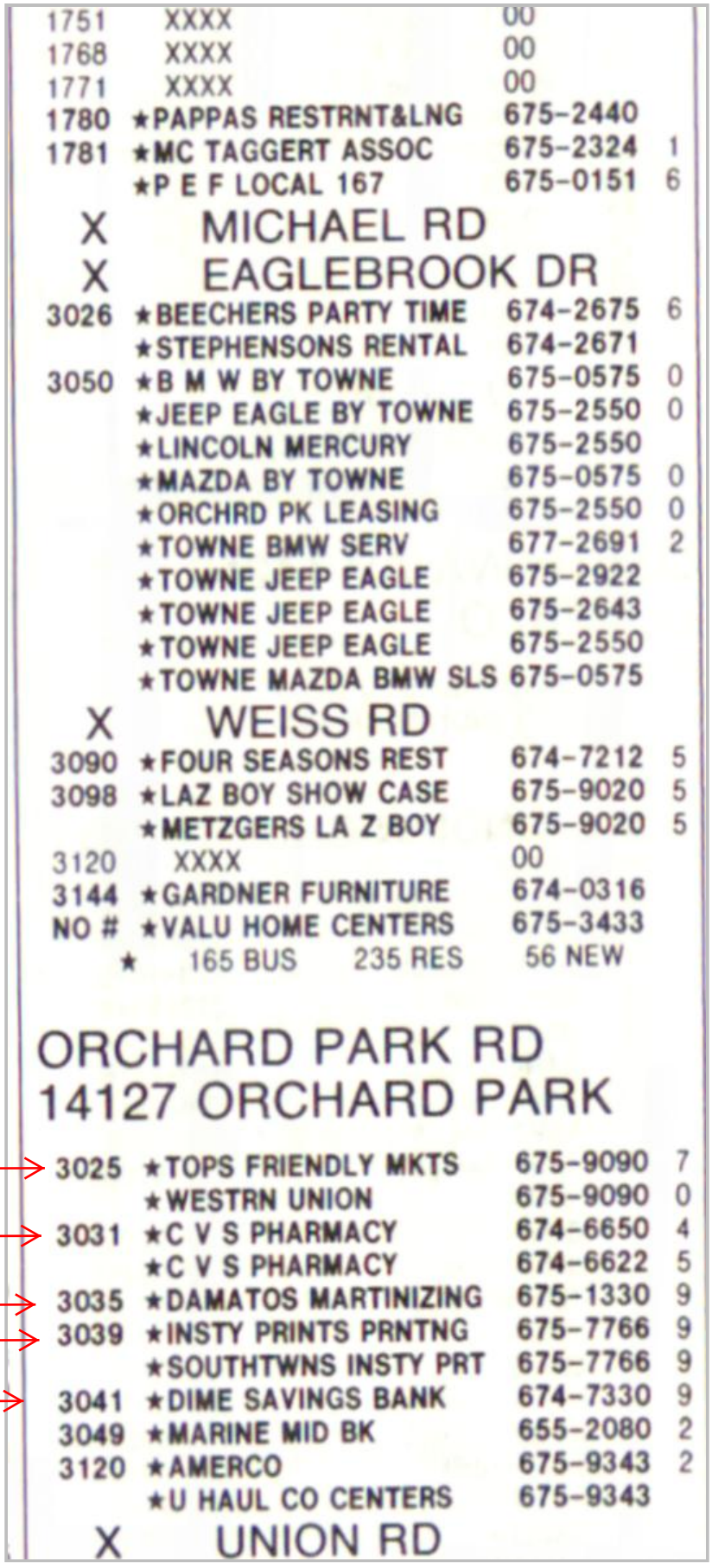
WEALTH CODE 4 4

3031	XXXX	OO	
3035	★ D'AMATO'S DRY CLNRS&SHRT LNDRY	716-675-1330	7
3039	★ INSTYPRINTS PRINTING CENTERS	716-675-7766	9
	★ SOUTHTWNS INSTYPRINTS	716-675-7766	9
3041	XXXX	OO	
3049	XXXX	OO	
3050	● DOWNING Franklin	OO	+8
3090	★ COUNTRY KITCHEN	716-674-7212	4
3120	★ AMERCO	716-675-9343	2

X UNION RD

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

Orchard Park Rd 1993



1751	XXXX	00	
1768	XXXX	00	
1771	XXXX	00	
1780	★PAPPAS RESTRNT&LNG	675-2440	
1781	★MC TAGGERT ASSOC	675-2324	1
	★P E F LOCAL 167	675-0151	6

X MICHAEL RD

X EAGLEBROOK DR

3026	★BEECHERS PARTY TIME	674-2675	6
	★STEPHENSONS RENTAL	674-2671	
3050	★B M W BY TOWNE	675-0575	0
	★JEEP EAGLE BY TOWNE	675-2550	0
	★LINCOLN MERCURY	675-2550	
	★MAZDA BY TOWNE	675-0575	0
	★ORCHRD PK LEASING	675-2550	0
	★TOWNE BMW SERV	677-2691	2
	★TOWNE JEEP EAGLE	675-2922	
	★TOWNE JEEP EAGLE	675-2643	
	★TOWNE JEEP EAGLE	675-2550	
	★TOWNE MAZDA BMW SLS	675-0575	

X WEISS RD

3090	★FOUR SEASONS REST	674-7212	5
3098	★LAZ BOY SHOW CASE	675-9020	5
	★METZGERS LA Z BOY	675-9020	5
3120	XXXX	00	
3144	★GARDNER FURNITURE	674-0316	
NO #	★VALU HOME CENTERS	675-3433	
	★ 165 BUS 235 RES	56 NEW	

ORCHARD PARK RD
14127 ORCHARD PARK

3025	★TOPS FRIENDLY MKTS	675-9090	7
	★WESTRN UNION	675-9090	0
3031	★C V S PHARMACY	674-6650	4
	★C V S PHARMACY	674-6622	5
3035	★DAMATOS MARTINIZING	675-1330	9
3039	★INSTY PRINTS PRNTNG	675-7766	9
	★SOUTHTWNS INSTY PRT	675-7766	9
3041	★DIME SAVINGS BANK	674-7330	9
3049	★MARINE MID BK	655-2080	2
3120	★AMERCO	675-9343	2
	★U HAUL CO CENTERS	675-9343	

X UNION RD

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

Orchard Park Rd 1989

1768	XXXX	00	
1771	XXXX	00	
1780	★PAPPAS RESTRNT&LNG	675-2440	
1781	★P E F LOCAL 167	675-0151	6
	★TIDY MAIDS INC	675-3012	8
3026	★BEECHERS PARTY TIME	674-2675	6
	★STEPHENSONS RENTAL	674-2671	
3050	★REPLACEMENT RNT CAR	675-7203	+9
	★TOWNE AMC JEEP PRTS	675-2922	
	★TOWNE AMC JEEP SERV	675-2643	
	★TOWNE AMC JEEP SLS	675-2550	
	★TOWNE MAZDA BMW SLS	675-0575	
3090	★FOUR SEASONS RSTRNT	674-7212	5
3098	★LAZ BOY SHOW CASE	675-9020	5
	★METZGERS LA Z BOY	675-9020	5
3120	★U HAUL CENTER	675-9343	4
3144	★GARDNER FURNITURE	674-0316	
NO #	★MARINE MID BK	674-9511	0
NO #	★VALU HOME CENTERS	675-3433	
	★ 104 BUS 241 RES 55 NEW		

ORCHARD PARK RD 14127
ORCHARD PARK

3025	★TOPS FRIENDLY MRKTS	675-9090	7
3031	★C V S PHARMACY	674-6650	4
	★C V S PHARMACY	674-6622	5
3035	★DAMATOS MARTINIZING	675-1330	+9
3039	★INSTY PRINTS	675-7766	+9
	★SOUTHTWNS PRINTS	675-7766	+9
3041	★DIME SAVINGS BANK	674-7330	+9
3155	★LIVING WELL LADY CT	675-8866	7

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

Orchard Park Rd 1983

1751	KELLY FRANCIS	674-9343	
1768	ROMAN GARDENS	674-9847	
1771	XXXX	00	
1780	BEAVER CATERING	675-2265	+3
	PAPPAS RESTRNT&LNG	675-2440	5
1781	FASHION TWO TWENTY	675-5666	8
	INTL TELECOM CO	675-9229	+3
	RILEY JOHN E	675-2873	1
2168	XXXX	00	
2340	XXXX	00	
NO #	CONNOLLY FRAN MOBIL	674-9925	
NO #	MARINE MDLND ORCHRD	674-9511	0
NO #	PARK DRIVE IN THTR	674-6353	2
NO #	PROCKTON JOSEPH M	825-0508	1
NO #	SZCZESNY ROBERT G	827-5944	1
NO #	VALU HOME CENTERS	675-3433	6
	* 84 BUS 227 RES	57 NEW	

ORCHARD PARK RD 14127
ORCHARD PARK

3026	STEPHENSONS PRTY TM	674-2671	+3
	STEPHENSONS RENTAL	674-2671	4
3031	C V S PHARMACY	674-6622	1
3035	FIRST LINE HOCKEY	675-7009	7
3039	DAMATOS 1 HR MRTNZG	675-1330	7
3050	TOWNE AMC JEEP RNLT	675-2922	
	TOWNE AMC JEEP RNLT	675-2550	
	TOWNE AMC JEEP RNLT	675-2643	
	TOWNE LINCOLN MRCRY	675-2643	1
	TOWNE LINCOLN MRCRY	675-2922	
	TOWNE LINCOLN MRCRY	675-2550	
	TOWNE MAZDA SALES	675-0575	9
	TOWNE MAZDA SERVICE	675-2643	
3144	GARDNER FURNITURE	674-0316	9
3155	AMER HLTH FTNSS&RQT	675-5550	2
3170	ANGERT AUTO PARTS	675-5115	
	SHANOR ELEC SUPL	675-2800	0
3175	PROJECT DVLP CNSLTS	674-6501	2
	RICHARDSON C M	674-5758	2
	WEST PARK	674-6969	2

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

Orchard Park Rd 1979

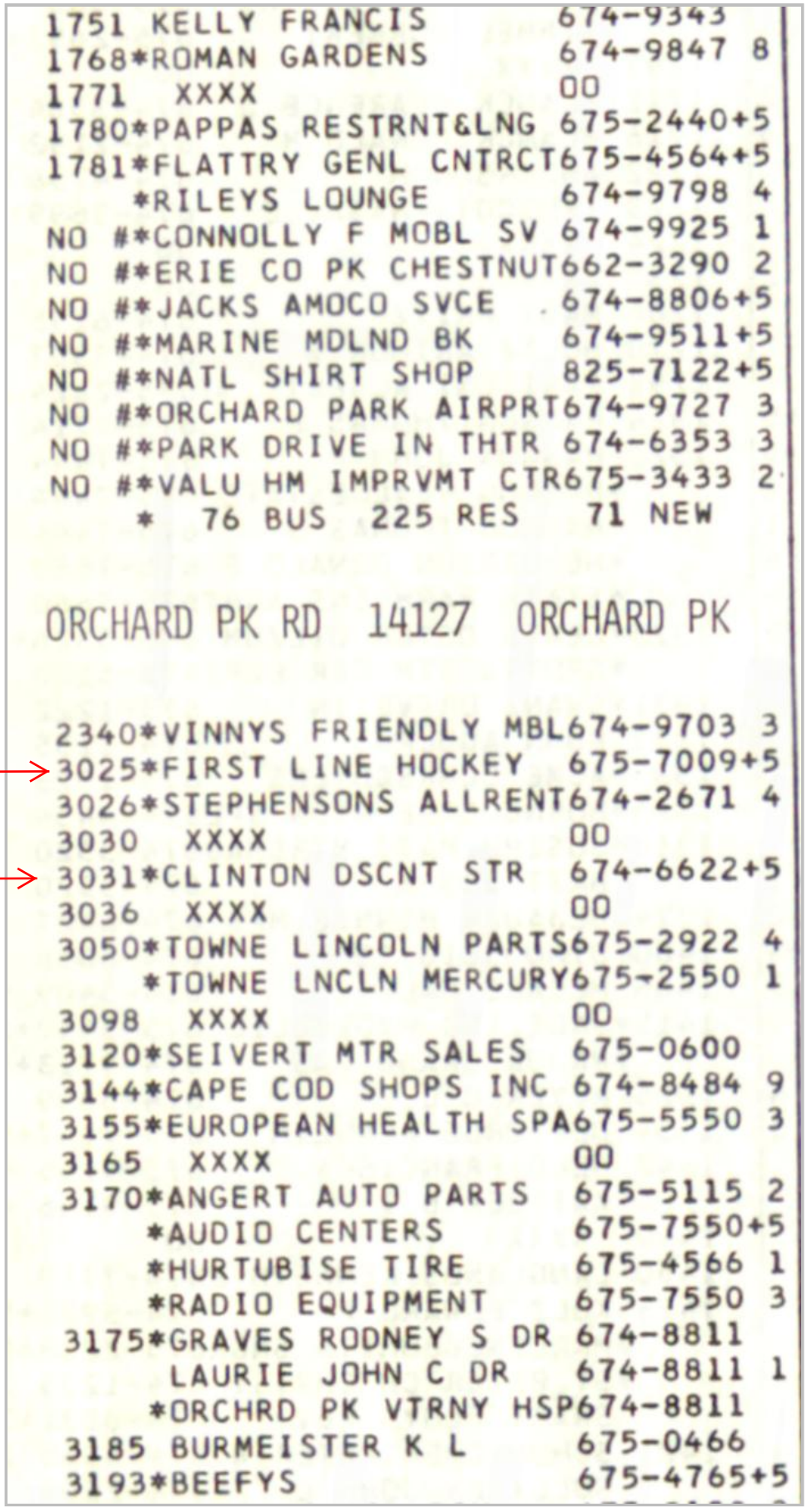
1751	KELLY FRANCIS	674-9343	
1768★	ROMAN GARDENS	674-9847	
1771	XXXX	00	
1780★	PAPPAS RESTRNT&LNG	675-2440	5
1781★	FASHION TWO TWENTY	675-5666	8
★	FLATTRY GENL CNTRCT	675-4564	5
★	RILEYS LOUNGE	674-9798	4
NO # ★	CONNOLLY F MOBL SV	674-9925	1
NO # ★	NATL SHIRT SHOPS	825-9153	6
NO # ★	PARK DRIVE IN THTR	674-6353	3
NO # ★	VALU HOME CENTERS	675-3433	6
★	79 BUS 219 RES	51 NEW	

ORCHARD PARK RD 14127
ORCHARD PARK

2340★	MOBIL OIL CORP	674-9789	8
3025	XXXX	00	
3026★	STEPHENSONS ALLRENT	674-2671	4
3030	XXXX	00	
3031★	C V S	674-6622	6
3035★	FIRST LINE HOCKEY	675-7009	7
3036	XXXX	00	
3039★	DAMATOS 1 HR MRTNZ	675-1330	7
3050★	TOWNE LINCOLN MERCR	675-2550+	9
★	TOWNE LNCLN MERCURY	675-2922	4
★	TOWNE MAZDA	675-0575+	9
3098	XXXX	00	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

Orchard Park Rd 1975



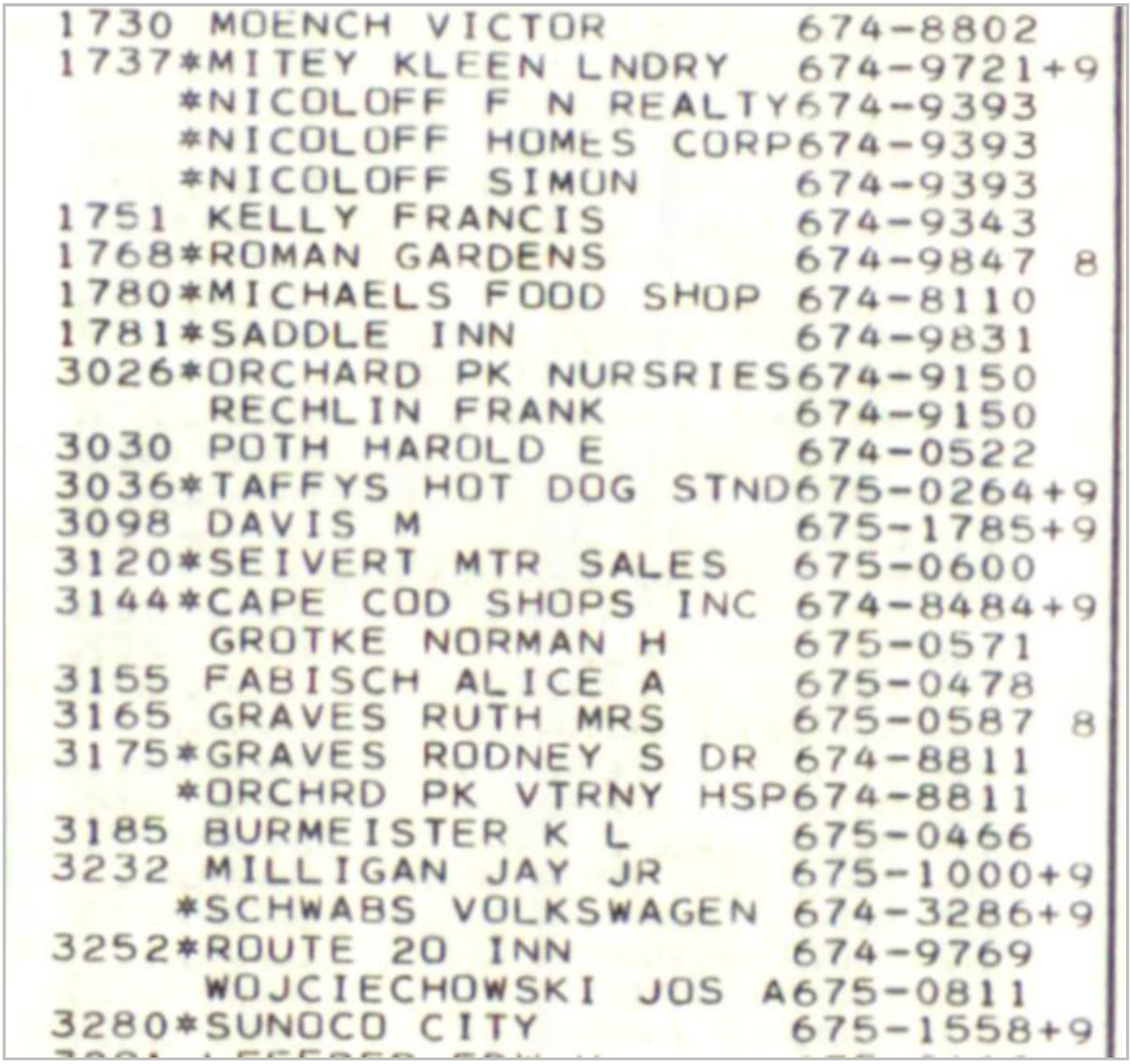
```
1751 KELLY FRANCIS              674-9343
1768*ROMAN GARDENS              674-9847 8
1771  XXXX                      00
1780*PAPPAS RESTRNT&LNG         675-2440+5
1781*FLATTRY GENL CNTRCT        675-4564+5
    *RILEYS LOUNGE              674-9798 4
NO  **CONNOLLY F MOBL SV        674-9925 1
NO  **ERIE CO PK CHESTNUT       662-3290 2
NO  **JACKS AMOCO SVCE          674-8806+5
NO  **MARINE MDLND BK           674-9511+5
NO  **NATL SHIRT SHOP           825-7122+5
NO  **ORCHARD PARK AIRPRT       674-9727 3
NO  **PARK DRIVE IN THTR        674-6353 3
NO  **VALU HM IMPRVMT CTR       675-3433 2
    *  76 BUS  225 RES   71 NEW

ORCHARD PK RD  14127  ORCHARD PK

2340*VINNYS FRIENDLY MBL        674-9703 3
3025*FIRST LINE HOCKEY          675-7009+5
3026*STEPHENSONS ALLRENT         674-2671 4
3030  XXXX                      00
3031*CLINTON DSCNT STR          674-6622+5
3036  XXXX                      00
3050*TOWNE LINCOLN PARTS         675-2922 4
    *TOWNE LNCLN MERCURY        675-2550 1
3098  XXXX                      00
3120*SEIVERT MTR SALES          675-0600
3144*CAPE COD SHOPS INC         674-8484 9
3155*EUROPEAN HEALTH SPA        675-5550 3
3165  XXXX                      00
3170*ANGERT AUTO PARTS          675-5115 2
    *AUDIO CENTERS              675-7550+5
    *HURTUBISE TIRE             675-4566 1
    *RADIO EQUIPMENT            675-7550 3
3175*GRAVES RODNEY S DR         674-8811
     LAURIE JOHN C DR           674-8811 1
    *ORCHRD PK VTRNY HSP        674-8811
3185 BURMEISTER K L             675-0466
3193*BEEFYS                     675-4765+5
```

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

Orchard Park Rd 1969



```
1730 MOENCH VICTOR                674-8802
1737*MITEY KLEEN LNDRY            674-9721+9
     *NICOLOFF F N REALTY         674-9393
     *NICOLOFF HOMES CORP         674-9393
     *NICOLOFF SIMON              674-9393
1751 KELLY FRANCIS                674-9343
1768*ROMAN GARDENS                674-9847  8
1780*MICHAELS FOOD SHOP           674-8110
1781*SADDLE INN                   674-9831
3026*ORCHARD PK NURSRIES          674-9150
     RECHLIN FRANK                674-9150
3030 POTH HAROLD E                674-0522
3036*TAFFYS HOT DOG STND           675-0264+9
3098 DAVIS M                      675-1785+9
3120*SEIVERT MTR SALES             675-0600
3144*CAPE COD SHOPS INC           674-8484+9
     GROTKE NORMAN H              675-0571
3155 FABISCH ALICE A              675-0478
3165 GRAVES RUTH MRS              675-0587  8
3175*GRAVES RODNEY S DR            674-8811
     *ORCHRD PK VTRNY HSP         674-8811
3185 BURMEISTER K L               675-0466
3232 MILLIGAN JAY JR              675-1000+9
     *SCHWABS VOLKSWAGEN          674-3286+9
3252*ROUTE 20 INN                  674-9769
     WOJCIECHOWSKI JOS A          675-0811
3280*SUNOCO CITY                   675-1558+9
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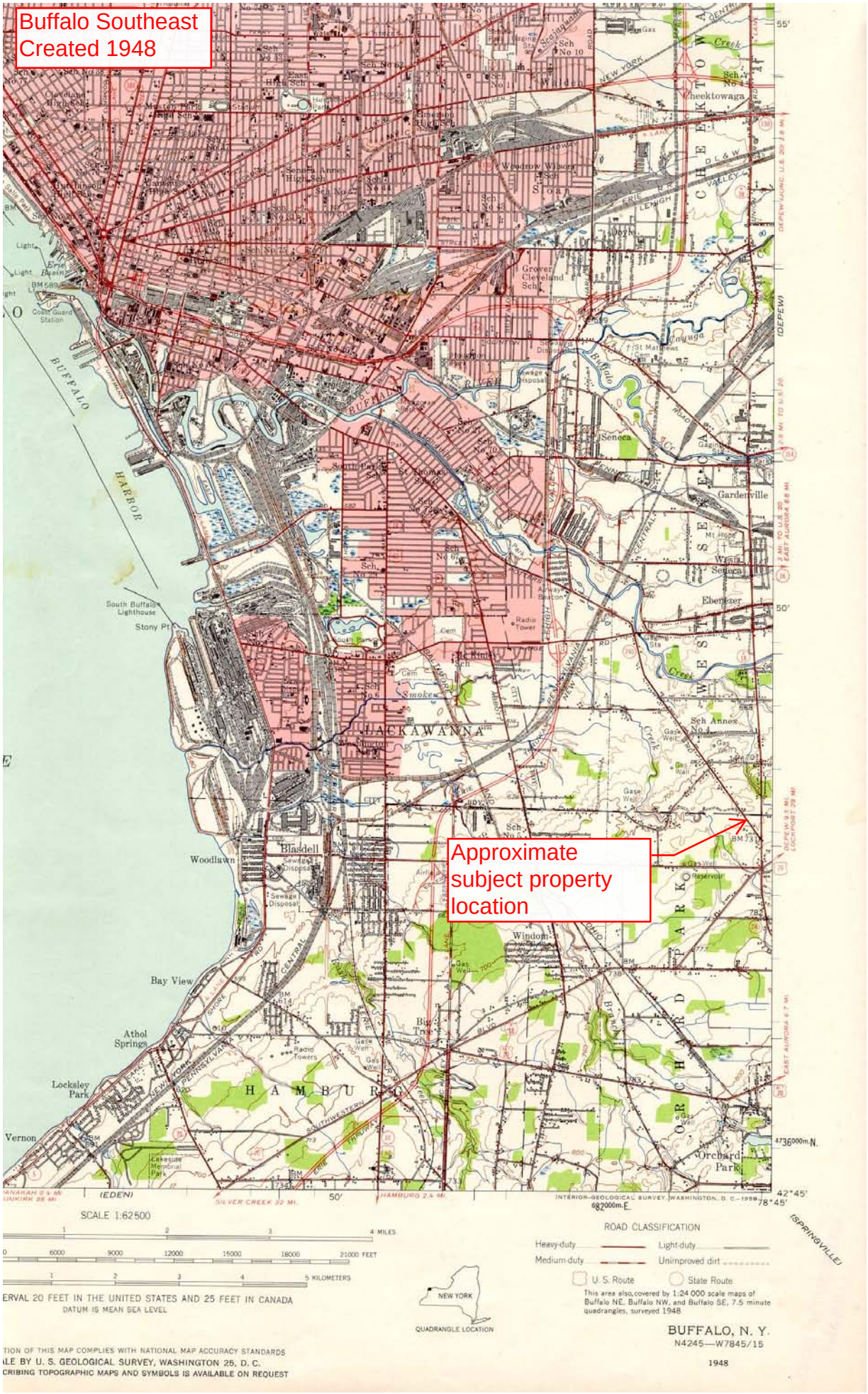
Buffalo Southeast
Created 1948
Approximate subject property location
BUFFALO HARBOR
South Buffalo Lighthouse
Stony Pt
Seneca
Gardenville
Ebenezer
West Seneca
Cheektowaga
Sloan
Grover Cleveland Sch
Blasdell
Woodlawn
Bay View
Athol Springs
Locksley Park
Vernon
Windom
Orchard Park
(EDEN)
(SPRINGVILLE)
SCALE 1:62500
4 MILES
5 KILOMETERS
CONTOUR INTERVAL 20 FEET IN THE UNITED STATES AND 25 FEET IN CANADA
DATUM IS MEAN SEA LEVEL
ROAD CLASSIFICATION
Heavy-duty
Medium-duty
Light-duty
Unimproved dirt
U. S. Route
State Route
NEW YORK
QUADRANGLE LOCATION
This area also covered by 1:24 000 scale maps of Buffalo NE, Buffalo NW, and Buffalo SE, 7.5 minute quadrangles, surveyed 1948
BUFFALO, N. Y.
N4245—W7845/15
1948
INTERIOR-GEOLOGICAL SURVEY, WASHINGTON, D. C.—1950
4736000m.N.
682000m.E.
42°45'
78°45'

10.10 HYDROLOGIC/HYDROGEOLOGIC INFORMATION

LCS, INC.
QUAD/WETLANDS/SOILS/GEOLOGY

PROJECT #: 18B4431.29
SITE ADDRESS: 3021 Orchard Park Rd
OFFICE REVIEWED AT: In house
DATE REVIEWED: 10/7/13

USGS QUAD: _____ ELEV.: 715 DATE: _____
Anticipated groundwater flow: west
Nearest creek: Smoke Creek Dist.: .43 Dir.: West

NYSDEC: _____ # OF _____ DATE: _____
(indicate if none within 2 miles)
NEAREAST WETLAND: MI: 0.4 mi NSEW SW CLASS BU-9

USFWS: _____ DATE: _____
(indicate if none within 2 miles)
NEAREST WETLAND: MI: .25 mi NSEW E CLASS _____

GEOLOGY: SHEET: _____ DATE: _____
CLASS: West Falls Group (400-950 ft; 120 to 290 m)
SUBCLASS: Angola and Rhinestreet Shales

SURFICIAL GEOLOGY: SHEET: _____ DATE: _____
CLASS: Till

SOILS: SOIL SURVEY (CO.): _____ SHEET #: _____ DATE: _____

CLASS:	HYDRIC
CLASS: Silty clay loam	HYDRIC No
CLASS:	HYDRIC
CLASS:	HYDRIC
CLASS:	HYDRIC
CLASS:	HYDRIC

RADON: COUNTY NAME: Erie VALUE: _____
TOWN NAME: Orchard Park VALUE: 4.78

DRAINAGE BASIN: Major: Lake Erie - Niagara River Minor: Buffalo River

LEAD IN DRIKING WATER: .003

Rev. Date 7-2004

10.11 USER PROVIDED INFORMATION

PROJECT NO: 13B4431.29
PROJECT ADDRESS: Tax ID:152.12-2-1,152.12-2-2.1, Orchard Park, NY 14219

Questions for Users
ASTM 1527-05 AAI Phase I

Schedule B

In order to qualify for one of the Landowner Liability Protections (LLPs[1] offered by the Small Business Liability Relief and Brownfield Revitalization Act of 2001 (the "Brownfields Amendments"),[2] the *user* (LCS' client) must provide the following information (if available) to the *environmental professional* (LCS). Failure to provide this information could result in a determination that "*all appropriate inquiry*" is not complete. (Please provide relevant documentation and/or explanation of any affirmative answers.)

(1) Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law? NO

(2) Are you aware of any activity and use limitations (AULs), such as *engineering controls*, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal state of local law? NO

(3) As the *user of this ESA*, do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an adjoining *property* so that you have specialized knowledge of the chemicals and processes used by this type of business? NO

(4) Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? **[Note: if the answer to this question is "no," please provide an explanation.]** YES

If you conclude that there is a difference, have you considered whether the lower price is because contamination is known or believed to be present at the *property*?

(5) Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help *environmental professional* to identify conditions indicative of releases or threatened releases? For Example, as *user*,

(a.) Do you know the past uses of the *property*? TOPS MKT PLAZA
(b.) Do you know of specific chemicals that are present or once were present at the *property*? NO.
(c.) Do you know of spills or other chemical releases that have taken place at the *property*? NO.
(d.) Do you know of any environmental cleanups that have taken place at the *property*? NO.

(6) As *user* of the *ESA*, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the *property*? NO.

(7) Are you, as *user* of the *ESA*, aware of any previous Environment Site Assessments, Environment compliance audit reports, Geotechnical studies, Risk assessments, Reports regarding hydrogeological conditions on the property or surrounding area, Underground Storage Tanks (UST) installation and closure documents, monitoring reports or similar documents?

YES (NO) CIRCLE ONE

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[1] *Landowner Liability Protections*, or *LLPs* is a term used to describe the three types of potential defenses to Superfund liability in EPA's *Interim Guidance Regarding Criteria Landowners Must Meet in Order to Qualify for Bona Fide Prospective Purchaser, Contiguous Property Owner, or Innocent Landowner Limitations of CERCLA Liability ("Common Elements"* Guide) issued on March 6, 2003.
[2] P.L. 107-118

LCS PROJECT NO: 13B4431.29

(8) Are you as *user* of the *ESA*, aware of any environment permits, including but not limited to, solid waste disposal permits, hazardous waste disposal permits, NPDES permits, underground injection permits, oil/water separators, air, water waste, USTs ASTS, etc? YES (NO) CIRCLE ONE

(9) Are any disposal receipts and/or transporter information for hazardous and/or regulated materials available?

YES (NO) CIRCLE ONE

(10) Are you as *user* of the *ESA*, aware of any registrations for USTs, ASTs, Underground Injection systems?

YES (NO) CIRCLE ONE

(11) Are you as *user* of the *ESA*, aware of any Material Safety data sheets, Community right-to-know plan, Safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans for the subject property?

YES (NO) CIRCLE ONE

(12) Are you as *user* of the *ESA*, aware of any notices or other correspondence from any government agency relating to past or current violations of *environmental laws* with respect to the *property* or relating to *environmental liens* encumbering the *property*?

YES (NO) CIRCLE ONE

(13) Are you as user of the *ESA*, aware of any hazardous waste generator notices or reports?

YES (NO) CIRCLE ONE

(14) Are you the current owner of the subject property?

YES (NO) CIRCLE ONE

(15) If not, please identify owner: _____ Phone No. _____

(16) Who do we contact for access (i.e., the key site manager)? JOE DECK (realtor)

Phone No. 830-3325

(17) What is the purpose for this environmental assessment?

Possible purchase of property

Signature: _____ Date: 2-11-13

Printed name and title: CARLOS SANTOS

Subject Property address: 3021-3041 Orchard Park Rd.

Please complete, sign and return this page to LCS, Inc. via email or fax 716- 845-6164.

10.12 LIMITATIONS

This **ENVIRONMENTAL SITE ASSESSMENT PHASE I, IN ACCORDANCE WITH ASTM E1527-05,** is based on the SCOPE OF SERVICES contained within this report. This report is not to be considered as an environmental audit of the subject property or a complete environmental investigation of the subject property.

We have prepared this report for the exclusive use of our client. LCS' liability is limited to use by this client for a period of six months. Use by any other party is strictly prohibited except by authorization in writing from this consultant. LCS has no liability for others' use of this report.

The purpose of this assessment is not to proclaim a property is devoid of environmental impact but rather to identify recognized environmental conditions. This is defined by as "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substance or petroleum products into structures on the property or into the ground, ground water, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to the public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions."

While performance of this Phase I Environmental Site Assessment of the subject property was intended to constitute all appropriate inquiry for purposes of the CERCLA innocent landowner defense by identifying RECs in connection with the subject property, this assessment (as defined by ASTM) is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with a subject property. This assessment does not include any testing or sampling of materials.

This **ENVIRONMENTAL SITE ASSESSMENT PHASE I, IN ACCORDANCE WITH ASTM E1527-05,** makes no warranties nor implies any liability regarding:

1) Site specific practices and/or disposal methods of the past or future owners.

2) The presence of lead containing materials, asbestos, radon and/or environmental impact of such substances on the subject property or buildings and structures on the subject property, other than noted here in.

3) Adjacent property owners, their environmental practices and/or impact of such properties and practices on the subject property other than observed from the subject property.

4) Unreported spills.

5) Practices, waste disposal, environmental concerns and/or modifications to waste site indexes after the date on this report.

6) Site groundwater or soil conditions.

7) Accuracy or completeness of information supplied to LCS by others.

8) Environmental conditions in areas that were not accessible or not otherwise shown to LCS (locked rooms, behind walls or ceilings, etc.).

9) Accuracy of previous studies provided to LCS.

10.12 LIMITATIONS (continued)

This report is also subject to any and all limitations defined within ASTM E1527-05. This includes, but is not limited to, the limitation that this report is intended to identify environmental conditions at a specific time and the report is only valid for a period of six months from the date of issuance. According to ASTM, asphalt pavement is considered a limitation.

The principles defined within ASTM E1527-05, and followed within this study, include the following.

- This practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with a property.
- All appropriate inquiry does not mean an exhaustive assessment of a clean property. One of the purposes of this practice is to identify a balance between limiting costs/time and the reduction of uncertainty about unknown conditions.
- The level of inquiry is variable and depends on the type of property, risk level of the user and information developed in the course of the inquiry.
- Subsequent environmental assessments should not be used as standards to evaluate the appropriateness of prior inquiries based on hindsight, new information or new techniques.

10.13 USER REPONSIBILITIES

The following information is the responsibility of the user and not of the environmental professional. This information may be provided by the user to the environmental professional for use in the final opinion of the all appropriate inquiry. If the information is not provided by the user, the environmental professional's ability to render such an opinion may be hindered and identified as a data gap.

- Searches for environmental cleanup liens against the subject property that are filed or recorded under any federal, tribal, state or local law, as required by 40 CFR section 312.25.
- Assessments of any specialized knowledge or experience on the part of the landowner, as required by 40 CFR section 312.28.
- An assessment of the relationship of the purchase price to the fair market value of the subject property, if the property was not contaminated, as required by 40 CFR 312.29.
- An assessment of commonly known or reasonably ascertainable information about the subject property, as required by 40 CFR section 312.30.

In addition, there are other requirements within 40 CFR 312 of the user post-purchase regarding maintaining use limitations, providing access for studies from off-site sources and other matters. The user should review these requirements, which depend on the specific liability protection that may apply to the use.

10.14 USER PROTECTIONS

Persons claiming the liability protections under CERCLA must meet the statutory requirements of one of the following landowner liability protections. [It should be noted that the user must also satisfy certain continuing obligations outside the scope of this Phase I Environmental Assessment, as required by CERCLA].

- The innocent landowner defense pursuant to CERCLA Sections 101(35) and 107(b)(3).
- The bona fide prospective purchaser liability protection pursuant to CERCLA Sections 101(40) and 107(r).
- The contiguous property owner liability protection pursuant to CERCLA Section 107(q).

11.0 PERSONNEL QUALIFICATIONS

Name:	**Mark V. LiPuma**
Title:	Chief Executive Officer
Years with Firm:	Twenty-Two
Education:	Bachelors of Science, Canisius College, Buffalo, New York
Affiliations:	AIA, CSI, NLAC
Certifications:	EPA Certified Contractor/Supervisor New York State Department of Labor Certified Asbestos Contractor/Supervisor Certified Lead Designer, Planner and Inspector Certified HUD/EPA Inspector and DELEADER ASTM Conference on Environmental Site Assessments for Property Transfer

Experience:

Mr. LiPuma is a graduate of Canisius College with a Bachelors Degree of Science. Over the years, Mr. LiPuma has developed and administered the operations of LCS, Inc.

As the Chief Executive Officer of LCS, Mr. LiPuma retains overall responsibility for all environmental investigation projects. Mr. LiPuma is knowledgeable of applicable environmental laws, rules and regulations; and is well recognized in Western New York as well as with select national companies throughout the United States.

Mr. LiPuma recently prepared the asbestos abatement plans and specifications for a $2,000,000 project involving the removal of sprayed-on fireproofing in a facility. Scaffold decking, tight containment requirements and difficult working conditions added to the challenges of this project. The project was recently completed successfully.

Mr. LiPuma has prepared and assisted in the development of asbestos inspection reports for over 800 clients encompassing over 22,000,000 square feet of building space. Additionally, Mr. LiPuma has supervised the inspection, specifications design and project management for LBP and asbestos abatement in over 20 Public housing projects.

Mr. LiPuma's experience is sought after by many lenders and developers. He has assisted in designing environmental policies and has experience in property re-development. This includes asbestos inspection and removal projects through building demolition.

Name: **Thomas Duffy**
Title: President
Years with firm: Eleven
Education: Bachelors of Arts, St. Bonaventure University, Olean, New York

Certifications: Lead Inspector
New York State Department of Labor Asbestos Project Monitor, Inspector and Air Sampling Technician
Steel Structures Painting Council (SSPC) QP-1 Certified for removal of lead paint on complex steel structures
ASTM Conference on Environmental Site Assessments for Property Transfer

Experience: Mr. Duffy is currently the President of operations and is responsible for the oversight of all systems and operations, including research, development and implementation of such systems company-wide, as well as marketing and client retention in the Albany/Hudson Valley/NYC regions. Mr. Duffy's previous positions within LCS include Buffalo General Manager, Syracuse General Manager and Regional Manager for Albany, Hudson Valley and New York City.

Mr. Duffy is a graduate of St. Bonaventure University with a Bachelors of Arts in Communications. Over the past eight years, Mr. Duffy has been involved in all aspects of environmental field projects throughout New York State.

He has provided services to clients including the closure of gasoline stations, closure of past industrial dumping grounds, Sewer System Evaluation Surveys, demolition and remediation projects and soil and water sampling.

While with LCS, Mr. Duffy has conducted nearly 800 Phase I and Transaction Screen Environmental Site Assessments, and has participated as a team leader on asbestos inspections and lead-based paint surveys. In addition, he is knowledgeable in environmental laws.

Mr. Duffy has collected samples of water, soil, PCB's, asbestos and lead-based paint materials for analysis at independent laboratories. He is a skilled field technician and is well versed in the operation and use of HnU meters, PID and other air monitoring equipment.

Name:	**Margaret Mary Battin**
Title:	Chief Operating Officer
Years with Firm:	Eleven
Education:	Bachelor of Science degree in Biology, Cornell University, Ithaca, New York
Certifications:	ASTM Conference on Environmental Site Assessments for Property Transfer Underground Storage Tank Removal Technician HAZWOPER Training Environmental Professional

Experience: Ms. Battin is currently the Chief Operating Officer of LCS, Inc. Her current role involves overall business management, business development, supervision of Regional General Managers and Vice Presidents, and assessment of various environmental due diligence requirements and environmental risk for various financial institutions. Ms. Battin's previous positions within LCS include General Manager of the Mid- Atlantic Region and Senior Vice President of Operations.

Ms. Battin has over twenty-three years of experience in various aspects of the environmental field including environmental management, compliance, research and site investigation. Ms. Battin has acted as a liaison between property owners, and governmental and financial agencies. She was previously a partner and Vice President of an environmental consulting firm in the Chesapeake Bay Region.

Ms. Battin has conducted and reviewed over 5000 Phase I and Transaction Screen Environmental Site Assessments, environmental compliance and research projects, as well as conducted and managed numerous Phase II and Phase III projects including hydrogeologic investigations, storage tank management and underground storage tank (UST) removal and closure projects, Resource Conservation and Recovery Act (RCRA) monitoring, assessment and reporting, groundwater monitoring well installation and monitoring, landfill delineation projects, and site characterization and remedial design projects.

Name:	**Douglas B. Reid**
Title:	Sr. Vice President, Environmental Services Sr. Environmental Scientist
Years with Firm:	Sixteen
Education:	Bachelor of Science degree in Environmental Science, Slippery Rock University, Slippery Rock, Pennsylvania
Certifications:	HAZWOPER ASTM Conference on Environmental Site Assessments for Property Transfer

Experience:

At LCS, Mr. Reid is responsible for overseeing and directing all investigative and remedial services provided throughout the United States. Mr. Reid manages a staff of Geologists and Environmental Scientists to meet client and regulator specific requirements.

Mr. Reid is a graduate of Slippery Rock University with a Bachelor of Science Degree in Environmental Science. Over the past 18 years, Mr. Reid has been involved in all aspects of investigation and remediation projects throughout the United States. Mr. Reid has completed several hundred Phase I Environmental Site Assessments, more than 2,000 Phase II Investigations and more than 100 Remedial projects. Mr. Reid has guided several properties through the Brownfield Cleanup Program since the program's inception.

Mr. Reid's education and experience have helped him become proficient in soil, groundwater and air sampling, drilling and well installation methods and applications, aquifer testing and analysis, underground storage tank (UST) removals, remedial investigations/feasibility studies, as well as technical reporting and data analysis.

Name:	**Heather J. Lamb**
Title:	Senior Reviewer, Due Diligence Services
Years with Firm:	Twelve
Education:	Bachelors of Science degree in Environmental Science, State University of New York at Fredonia, Fredonia, New York
Certifications:	ASTM Conference on Environmental Site Assessments for Property Transfer
Experience:	Currently, Ms. Lamb is an Environmental Professional and Senior Reviewer of Due Diligence Services for LCS. While at LCS, Ms. Lamb has been involved with over 5,000 Transaction Screen and Phase I Environmental Site Assessments. Her duties include performing site inspections, data collection, report preparation and review of final reports as well as supervision and management of report writers. While attending SUNY Fredonia, Ms. Lamb was involved with research for the State of the Lake Report for Chautauqua Lake. Her research involved sampling and testing of rainwater for such atmospheric pollutants as nitrous oxides and total phosphorous load. Additionally, Ms. Lamb spent a summer in China researching the effects of biogenic silica on marine life in addition to researching the exchange of nutrients between sediment and water and the chemical method of wet alkaline extraction. Her research involved testing sediment from the Yellow and Bohai Seas and researching various methods of chemical analyses related to biogenic silica.

Name:	**Robyn Ventura**
Title:	Environmental Analyst
Years with Firm:	Less than two
Education:	Bachelors of Arts in Environmental Earth Science and Geology, State University of New York College at Buffalo, Buffalo, New York

Experience: Currently, Ms. Ventura is an Environmental Analyst working in the corporate office of LCS, primarily assigned as technical report preparation/writer of Transaction Screen and Phase I Environmental Site Assessments. Her duties also include conducting environmental site investigations.

While studying at Buffalo State College, Ms. Ventura worked in the office of Environmental Health and Safety performing building and grounds inspection for fire safety as well as inspections of all radioactive laboratories and scheduled removal of all hazardous waste materials for the campus.

Name:	**Sarah Vanderhoff**
Title:	Environmental Analyst
Years with firm:	One
Education:	Bachelors of Science Degree in Biological Sciences with a minor in Environmental Studies, State University of New York at Buffalo, Buffalo, New York (2011); Associates of Science Degree in Science and Mathematics, Erie Community College, State University of New York (2008).
Experience:	Currently, Ms. Vanderhoff is an Environmental Analyst working in the corporate office of LCS as a technical report writer of EA Quick Loan Plus reports, Transaction Screens and Phase I Environmental Site Assessments. While studying at SUNY at Buffalo, Ms. Vanderhoff conducted a reptile population survey during an internship with the Senior Wildlife Biologist of the Region 9 office of the New York State Department of Environmental Conservation. This study involved in-field data collection regarding several reptile species in Erie and Niagara Counties of New York and the reporting of population findings.

12.0 REFERENCES

1 EDR, Environmental Data Resources, Inc., The EDR-Radius Map Report, Inquiry #3749026.2s. Report Dated October 4, 2013.

2 EDR, Environmental Data Resources, Inc., Certified Sanborn Map Report, Inquiry #3749026.3. Report Dated October 4, 2013.

3 EDR, Environmental Data Resources, Inc., City Directory Abstract, Inquiry #3749026.5. Report Dated October 9, 2013.

4 http://maps.google.com

5 www.google.com/earth/

6 www.real-info.com

7 http://gis1.erie.gov/

8 www.historicaerials.com

9 http://historical.mytopo.com

10 http://www.health.state.ny.us/environmental/radiological/radon/towns.htm

11 http://www.dec.ny.gov/imsmaps/ERM/viewer.htm

13.0 ACRONYMS/ABBREVIATIONS

ACM	Asbestos-Containing Materials
AIRS	Aerometric Information Retrieval System
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
CBS	Chemical Bulk Storage
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CORRACTS	Corrective Action
EDR	Environmental Data Resources
ERNS	Emergency Response and Notification System
FINDS	Facility Index System
FOIA	Freedom of Information Act
FOIL	Freedom of Information Law
FWS	Freshwater Wetlands Map
LCS	Lender Consulting Services, Inc.
LQG	Large Quantity Generator
LTANK	Leaking Tank
LUST	Leaking Underground Storage Tank
MOSF	Major Oil Storage Facility
MSDS	Material Data Safety Sheets
mVOC	Microbial Volatile Organic Compound
N/A	Not Available, Not Applicable
NFRAP	No Further Remedial Action Planned
NPDES	National Pollution Discharge Elimination System
NPL	National Priorities List (“Superfund”)
NRCS	Natural Resource Conservation Service (by County)
NWI	National Wetlands Inventory
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PBS	Petroleum Bulk Storage
PCB	Polychlorinated Biphenyl
PCi/L	Pico Curies per Liter
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Information System
REC	Recognized Environmental Condition
SPDES	State Pollution Discharge Elimination System
SQG	Small Quantity Generator
TSDF	Treatment, Storage and Disposal Facility
USDA	United States Department of Agriculture
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	Underground Storage Tanks

APPENDIX A2

LCS, INC.
LIMITED & FOCUSED SUBSURFACE SOIL & GROUNDWATER INVESTIGATION REPORT

LCS INC.
Environmental and Real Estate Consultants

Limited and Focused Subsurface Soil and Groundwater Investigation Report for the Property Identified as:

Commercial Plaza
3021-3041 Orchard Park Road
Orchard Park, New York

LCS PROJECT # 13B4431.22

MAY 14, 2014

Lender Consulting Services, Inc.
Corporate Headquarters
Waterfront Village
40 La Riviere Drive Suite 120
Buffalo, New York 14202

Tel: 800.474.6802
716.845.6145
Fax: 716.845.6164
www.lenderconsulting.com

May 14, 2014

Mr. Michael Thomas
Northwest Savings Bank
3150 Sheridan Drive
Amherst, New York 14226

Re: Limited and Focused Subsurface Soil and Groundwater Investigation
Commercial Plaza
3021-3041 Orchard Park Road
Orchard Park, New York
LCS Project No. 13B4431.22

Dear Mr. Thomas:

Background
At your request, Lender Consulting Services, Inc. (LCS) performed a limited and focused subsurface soil and groundwater investigation at the property identified as multi-unit retail store, located at 3021-3041 Orchard Park Road, Orchard Park, New York (See Figure 1). The subject property measures approximately 5.44 acres and is occupied by several commercial tenants. The subject property is located in a moderately developed commercial and residential area. The topography of the site is generally level at grade.

This investigation was recommended based on the information gathered by LCS during an All Appropriate Inquiries Phase I Environmental Site Assessment Report for the above-referenced property, dated October 10, 2013. Through that report, the following recognized environmental condition was identified warranting intrusive study at that time.

- According to historic city directories and regulatory listings, the subject property was utilized for dry cleaning from at least 1979 through 2008. The historic dry cleaning tenants were addressed at 3035 and 3039 Orchard Park Road.

Introduction
The purpose of this study was to better assess the environmental quality of on-site soils and groundwater in accessible locations of the subject property due to the environmental concern identified above. Soil samples were collected for stratigraphic characterization and field monitoring. Temporary groundwater monitoring wells (TPMWs) were installed within select test borings where groundwater was encountered. Select soil and groundwater samples were submitted for laboratory analysis to supplement field observations. The temporary wells were removed following sampling.

The following is a summary of the methods and results of the investigation.

Methods of Investigation

Soil

Soil samples were collected on May 7, 2014, with a truck-mounted percussion and hydraulically driven drive system equipped with an approximate 2-inch diameter, approximate 60-inch long macro-core sampler. Soil samples were collected within each borehole continuously from the ground surface to a depth of between approximately 16 and 18.5 feet below the ground surface (ft. bgs). Any downhole equipment was decontaminated with an Alconox and tap water wash and tap water rinse between boreholes. The cutting shoes were decontaminated in a similar manner between collection of each sample.

The physical characteristics of all soil samples were classified using the Unified Soil Classification System (USCS) (Visual-Manual Method). Upon collection, the liner containing the sample was opened slightly at several locations and total volatile organic compound (VOC) concentrations in air within the sample were recorded using a photoionization detector (PID) calibrated in accordance with manufacturer's specifications. (The PID is designed to detect VOCs, such as those associated with petroleum and some solvents.) The results of this screening are included in the attached boring logs. Based on the field observations and/or PID measurements, soils were selected for analysis (see below).

Groundwater

Temporary groundwater monitoring wells TPMW1 through TPMW6 were installed within boreholes BH1, BH3, BH4, BH6 through BH8. Generally, the bottoms of the wells were set to approximately 16 to 18 ft. bgs. Each of the wells was constructed with one-inch diameter PVC screen and riser with a silica filter pack placed around the well screen. A bentonite seal was placed above the sand and the wells were covered with plastic caps, to prevent surface water from entering the wells. Refer to the attached subsurface logs/well construction details for well specific well construction details.

The groundwater samples from the temporary groundwater monitoring wells were collected on May 7, 2014 and May 8, 2014. Prior to sample collection, each well was developed by removing three to five well volumes from the well. New disposable dedicated PVC bailers were used for well development and sample collection activities.

Sample Analysis

Following labeling of the laboratory-supplied sample containers, selected samples were placed on ice. The samples were then submitted, under standard chain-of-custody, to a National Environmental Laboratory Accreditation Council (NELAC) approved laboratory for analysis in accordance with the United States Environmental Protection Agency (USEPA) SW-846 Methods as summarized below. The analytical methods were chosen based on LCS' experience with sites of similar use.

The following table summarizes the specific analytical testing performed and their respective sample locations.

Sample Location	Analytical Testing Performed	Recognized Environmental Condition
Soil		
BH1 (~0.8-4 ft. bgs)	TCL VOCs	Historic on-site dry cleaning operations
BH3 (~6-8 ft. bgs)		
BH4 (~12-14 ft. bgs)		
BH6 (~2-4 ft. bgs)		
BH7 (~0.5-2 ft. bgs)		
BH8 (0.5-2 ft. bgs)		
Groundwater		
TPMW1	TCL VOCs	Historic on-site dry cleaning operations
TPMW2		
TPMW3		
TPMW4		
TPMW5		
TPMW6		

BH = Borehole
TPMW = Temporary groundwater monitoring well
ft. bgs = feet below ground surface
TCL VOCs = Target Compound List volatile organic compounds via USEPA Test Method 8260

Results of Field Investigation

Subsurface Investigation

Nine boreholes (BH1 through BH9) were completed in accessible areas of the subject property proximate to the environmental concerns. (See Figure 2.) A total of 63 soil samples were collected for geologic description. Fill material consisting of asphalt was encountered within all test borings to a depth of approximately 0.5 ft. bgs. Generally, the fill materials were underlain by native soils consisting of varying mixtures of silt, clay, sand, and gravel to the bottom of the test borings. Apparent groundwater was encountered within BH1, and BH3 through BH8 between approximately 5 and 13 ft. bgs. No apparent groundwater was encountered in BH2 and BH9.

PID measurements were above total ambient air background VOC measurements (i.e., 0.0 parts per million, ppm) in 53 of the 63 soil samples collected. These elevated concentrations ranged from 0.1 parts per million (ppm) to 70 ppm (BH8, ~0-2 ft. bgs). Suspect solvent-type odors were detected in the soil samples collected from BH1 (~0-4 ft bgs), BH6 (~0-4 ft bgs), and BH7 (~0-2 ft bgs). No solvent-type staining was observed in the soil samples collected.

Refer to the attached subsurface logs for soil classification for each sample interval, field observations and PID measurements.

Investigation Analytical Results

The soil and groundwater samples collected and analyzed detected the following analytes. The respective concentrations as well as commonly applied regulatory guidance values are also listed for comparison. Analytes not detected are not shown.

SOIL TESTING RESULTS
VOCs by USEPA SW-846 Method 8260

Sample ID	BH1	BH3	BH4	BH6	BH7	BH8	Part 375 (Unrestricted) Soil Cleanup Objectives	Part 375 (Commercial) Soil Cleanup Objectives
Date Sampled	5/07/14	5/07/14	5/07/14	5/07/14	5/07/2014	5/07/14		
Sample Depth	0.8-4 ft. bgs	6-8 ft. bgs	12-14 ft. bgs	2-4 ft. bgs	0.5-2 ft. bgs	0.5-2 ft. bgs		
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Acetone	<290	<240	<2.7	**53.5**	<300	<2.0	50	500,000
Carbon Disulfide	<13	<11	<0.13	0.59 J	<14	0.98 J	NL	NL
Cis-1,2- Dichloroethene	215	183	<0.44	<0.44	<49	<0.32	250	500,000
Benzene	<35	<29	1.8	<0.33	<37	1.0	60	44,000
Trichloroethene	<25	169 J	<0.24	<0.24	<27	<0.17	470	200,000
Toluene	<21	<18	4.5 J	<0.20	<22	2.4 J	700	500,000
Tetrachloroethene	589	450	<0.30	<0.30	<34	<0.22	1,300	150,000
Xylene (total)	<23	<19	4.5	<0.21	<24	3.0	260*	500,000*

µg/kg = micrograms per kilogram
ft. bgs = feet below ground surface
NL = Not Listed
J = Indicates an estimated value
Part 375 Soil Cleanup Objectives = New York State Department of Environmental Conservation 6 NYCRR Part 375 Environmental Remediation Programs, December 14, 2006 (375-6.8, Soil Cleanup Objective Tables)
*= Based on the sum of the Total Xylenes.

GROUNDWATER TESTING RESULTS
VOCs by USEPA SW-846 Method 8260

Sample ID	TPMW1	TPMW2	TPMW3	TPMW4	TPMW5	TPMW6	NYSDEC Groundwater Criteria (Class GA)
Date Sampled	5/07/14	5/07/14	5/08/14	5/08/14	5/08/14	5/08/14	
Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Vinyl chloride	<0.58	2.4[a]	<0.58	<0.58	<0.58	<0.58	2
Trans-1,2- Dichloroethene	0.77 J	4.3[a]	<0.51	<0.51	<0.51	<0.51	5
1,1- Dichloroethene	<0.61	0.66[a] J	<0.61	<0.61	<0.61	<0.61	5
Cis-1,2- Dichloroethene	67.3	165[a]	<0.84	<0.84	<0.84	<0.84	5
Chloroform	1.7	<0.41	<0.41	<0.41	<0.41	<0.41	7
Trichloroethene	26.9	22.4[a]	<.0.47	<.0.47	<.0.47	<.0.47	5
Tetrachloroethene	71.6	15.0[a]	<0.59	<0.59	<0.59	<0.59	5
Xylene (total)	0.54 J	<0.36	<0.36	<0.36	<0.36	<0.36	5

µg/L = micrograms per liter
NL = Not Listed
[a] = The pH of the sample aliquot for the VOA analysis was >2 at the time of analysis.
J = Indicates an estimated value.
NYSDEC Groundwater Criteria (Class GA) = 6 NYCRR Part 703 (June 1998 and April 2000 Addendum)
= Analyte detected above the NYSDEC Groundwater Criteria (Class GA)

Conclusions

The purpose of this study was to assess the recognized environmental condition identified in the October 10, 2013 All Appropriate Inquiries Phase I Environmental Site Assessment Report (specifically, historic on-site dry cleaning operations). Select soil and groundwater samples were collected from the areas of the recognized environmental conditions.

Subsurface Investigation

Field Observations

Based on the field observations, PID measurements were above total ambient air background VOC measurements (i.e., 0.0 parts per million, ppm) in 53 of the 63 soil samples collected. These elevated concentrations ranged from 0.1 parts per million (ppm) to 70 ppm (BH8, ~0-2 ft. bgs). Suspect solvent-type odors were detected in the soil samples collected from BH1 (~0-4 ft bgs), BH6 (~0-4 ft bgs), and BH7 (~0-2 ft bgs). No solvent-type staining was observed in the soil samples collected. In LCS' experience, the PID measurements and field observations suggest the presence of some VOC impact proximate the areas investigated.

Laboratory Test Results

Based on the laboratory results, no analytes were detected at concentrations exceeding commonly applied regulatory criteria in the soil samples collected and submitted for laboratory analysis. However, VOC analytes [trichloroethene (TCE), tetrachloroethene (PCE), and cis-1,2-dichloroethene (1,2-DCE) in TPMW1; and TCE, PCE, 1,2-DCE, and vinyl chloride in TPMW2] were detected at concentrations above the NYSDEC Groundwater Criteria in the groundwater samples collected and submitted for laboratory analysis. No analytes were detected above the appropriate regulatory criteria in TPMW3 through TPMW4.

Recommendations

Further investigation is recommended to delineate the vertical and horizontal extent of the chemical impact, including the area beneath the subject structure. In addition, a vapor intrusion study is recommended to better determine the potential for impacts to indoor air quality. Depending upon the results of the further investigation, remediation and/or installation of a sub-slab depressurization system may be warranted.

The property owner should consult environmental legal counsel relative to reporting obligations to the New York State Department of Environmental Conservation.

Thank you for allowing LCS to service your environmental needs. If you have any questions or require additional information, please do not hesitate to call our office.

Sincerely,

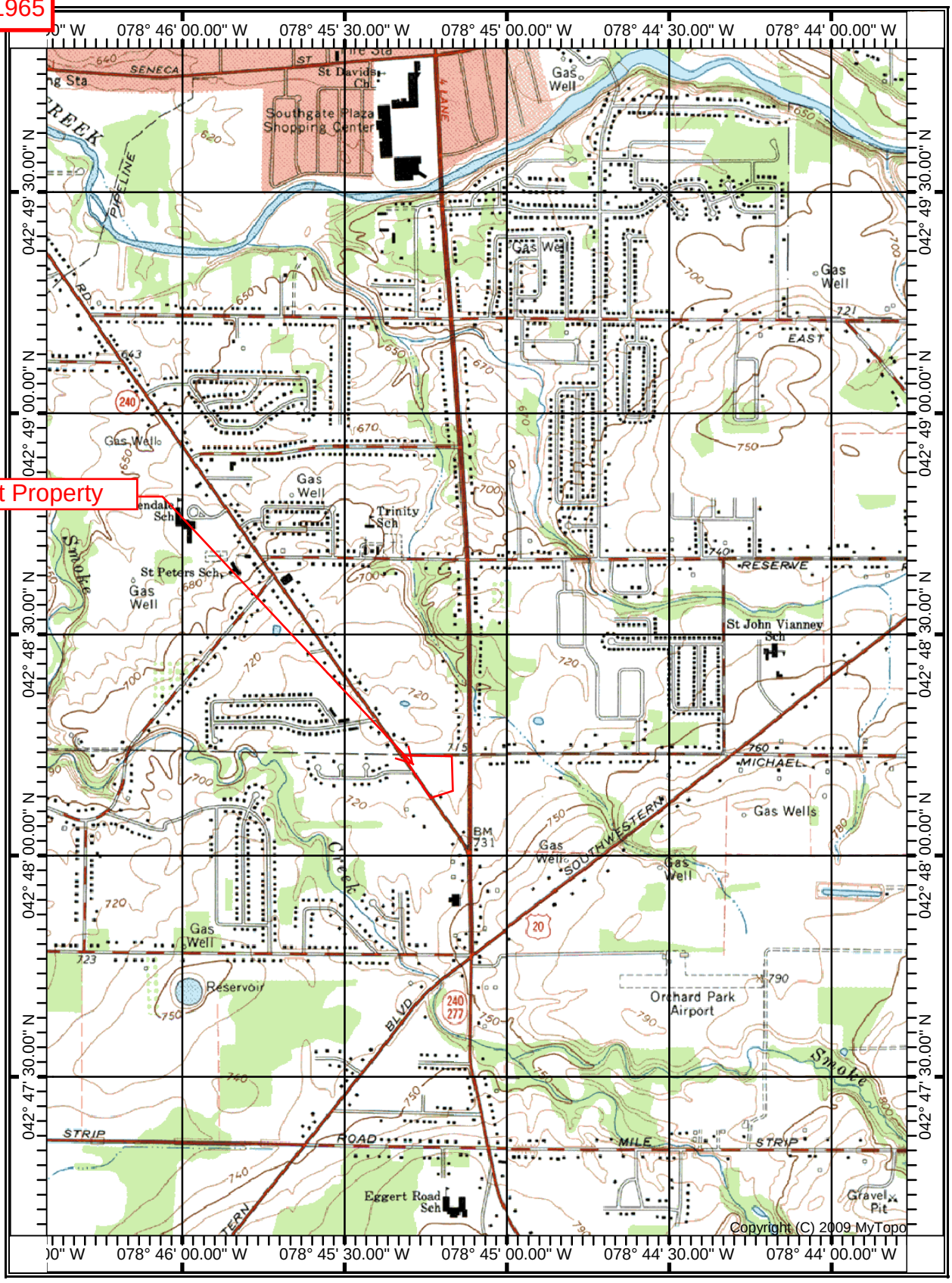
Jeffrey M. Rowley
Senior Project Manager

Reviewed by:

Douglas B. Reid
Sr. VP, Environmental Services
General Manager - WNY

SITE LOCATION MAP

Buffalo SE
Dated: 1965



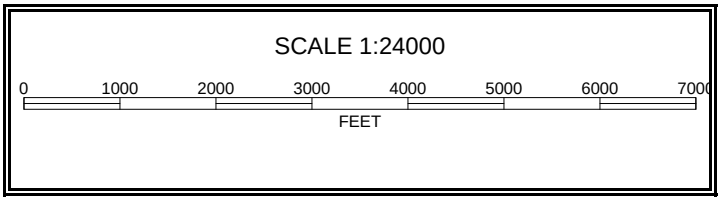


Figure 1: Site Location Map

SUBSURFACE INVESTIGATION MAP

LCS INC.

FIGURE 2 - SITE INVESTIGATION PLAN

3021-3041 ORCHARD PARK ROAD, ORCHARD PARK, NEW YORK

Drawn by: DEC

Checked by: JMR

0 20 40

Approximate Scale in Feet

LCS Project # 13B4431.22

SUBSURFACE LOGS

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH1/ TPMW1

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: ~5 ft. bgs. AFTER COMPLETION: ~2.8 ft bgs

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	51.7	0-4	U	-	-	5	0-0.5 ft: Asphalt
2	5.3	4-6	U	-	-	24	0.5-0.8 ft: Grey sandy gravel (coarse, loose, dense)
3	2.9	6-8	U	-	-	24	0.8-4 ft: Grey sandy clay (stiff, Low plasticity, moist)
4	3.1	8-10	U	-	-	10	4-12 ft: Brown gravelly clay (very stiff, low plasticity, moist to wet)
5	4.2	10-12	U	-	-	10	12 -16 ft: Brown clay with shale fragments (very stiff, low plasticity, wet)
6	1.2	12-16	U	-	-	8	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~0.8 ft. bgs

Suspect solvent odors detected at ~ 0-4 ft. bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH2

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	3.7	0-4	U	-	-	12	0-0.5 ft: Asphalt
2	0.6	4-6	U	-	-	24	0.5-1 ft: Brown sand (medium, fine, dense, moist)
3	0.4	6-8	U	-	-	24	1-1.25 ft: Shale fragments
4	0.5	8-8.4	U	-	-	10	1.25-8 ft: Brown silty clay (low plasticity, soft, moist)
							8-8.4 ft: Brown silty clay with shale fragments (low plasticity, soft, moist)
							Equipment refusal at 8.4 ft. bgs

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~1 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH3/TPMW2

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: ~5 ft. bgs. AFTER COMPLETION: ~5.02 ft bgs

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.7	0-4	U	-	-	5	0-0.5 ft: Asphalt
2	0.9	4-6	U	-	-	20	0.5-1 ft: Brown sand (medium, fine, dense, moist)
3	3.0	6-8	U	-	-	20	1-2 ft: Shale fragments
4	0.5	8-10	U	-	-	20	2-12 ft: Brown silty clay (low plasticity, soft, moist)
5	0.2	10-12	U	-	-	20	12-18.5 ft: Brown silty clay with shale fragments (low plasticity, soft, moist to wet)
6	0.2	12-14	U	-	-	16	
							Equipment refusal at 18.5
7	0.4	14-16	U	-	-	16	
8	0.0	16-18.5	U	-	-	10	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~0.5 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH4/TPMW3

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: ~13 ft bgs AFTER COMPLETION: ~4.5 ft bgs

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	-	0-4	U	-	-	0	0-4 Asphalt (no soil recovered)
2	0.0	4-6	U	-	-	0	4-8 ft: Brown silty clay (low plasticity, soft, moist)
3	0.3	6-8	U	-	-	12	8-18.4 ft: Brown silty clay with shale fragments (low plasticity, soft, moist to wet)
4	0.0	8-10	U	-	-	12	
							Equipment Refusal at ~18.4 ft. bgs
5	0.1	10-12	U	-	-	12	
6	0.8	12-14	U	-	-	12	
7	0.3	14-16	U	-	-	10	
8	0.0	16-18.4	U	-	-	10	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~0.5 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH5

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: ~6 ft. bgs. AFTER COMPLETION: NA

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.3	0-2	U	-	-	9	0-0.5 ft: Asphalt
2	0.4	2-4	U	-	-	8	0.5-1 ft: Brown sand (medium, fine, dense, moist)
3	0.4	4-6	U	-	-	12	1-1.25 ft: Shale fragments
4	0.7	6-8	U	-	-	12	1.25-6 ft: Brown silty clay (low plasticity, soft, moist)
5	0.0	8-10	U	-	-	12	6-16 ft: Brown Silty clay with shale fragments (low plasticity, soft, moist to wet)
6	0.0	10-12	U	-	-	12	
7	0.6	12-14	U	-	-	10	
8	1.8	14-16	U	-	-	10	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~ 0.5 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH6/TPMW4

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: ~6 ft. bgs. AFTER COMPLETION: ~3.0 ft bgs

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	59	0-2	U	-	-	9	0-0.5 ft: Asphalt
2	40	2-4	U	-	-	9	0.5-1 ft: Brown sand (medium, fine, dense, moist)
3	3.0	4-6	U	-	-	12	1-1.25 ft: Shale fragments
4	1.4	6-8	U	-	-	12	1.25-6 ft: Brown silty clay (low plasticity, soft, moist)
5	0.4	8-10	U	-	-	11	6-18.5 ft: Brown Silty clay with shale fragments (low plasticity, soft, wet)
6	0.1	10-12	U	-	-	11	
7	1.0	12-16	U	-	-	9	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~0.5 ft. bgs

Suspect solvent type odors detected at ~0-4 ft bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH7/TPMW5

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: ~5 ft. bgs. AFTER COMPLETION: ~3.0 ft bgs

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	1.6	0-2	U	-	-	6	0-0.6 ft. Asphalt
2	11	2-4	U	-	-	6	0.6-4 ft. Grey clay with shale fragments (stiff, low plasticity, moist)
3	4.1	4-6	U	-	-	10	4-6 ft. Grey brown sandy clay (stiff, low plasticity, wet)
4	0.7	6-8	U	-	-	10	6-16 ft. Brown clayey silt (low plasticity, wet)
5	0.0	8-10	U	-	-	12	
6	1.2	10-12	U	-	-	12	
7	2.5	12-16	U	-	-	12	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~0.6 ft. bgs

Suspect solvent type odor detected at ~0-2 ft. bgs.

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH8/TPMW6

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: ~5 ft. bgs. AFTER COMPLETION: ~3.0 ft bgs

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	70	0-2	U	-	-	12	0-0.6 ft. Asphalt
2	60	2-4	U	-	-	12	0.6-4 ft. Grey clay with shale fragments (stiff, low plasticity, moist)
3	6.0	4-6	U	-	-	12	4-6 ft. Grey brown sandy clay (stiff, low plasticity, wet)
4	3.8	6-8	U	-	-	12	6-16 ft. Brown clayey silt (low plasticity, wet)
5	4.2	8-10	U	-	-	10	
6	4.0	10-12	U	-	-	10	
7	2.0	12-16	U	-	-	8	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~0.6 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH9

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	2.0	0-2	U	-	-	24	0-4 ft. Brown gravelly silty clay (still, low plasticity, dry)
2	5.8	2-4	U	-	-	24	4-6 ft. Brown silty clay (very stiff, low plasticity, moist
3	2.3	4-6	U	-	-	24	6-14 ft. Grey silty clay (stiff, moderate plasticity, moist)
4	0.7	6-8	U	-	-	24	14-16 ft. Grey gravelly silty clay (stiff, moderate plasticity, moist)
5	0.0	8-10	U	-	-	10	
6	0.9	10-12	U	-	-	12	
7	1.4	12-14	U	-	-	12	
8	1.0	14-16	U	-	-	12	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~0 ft. bgs

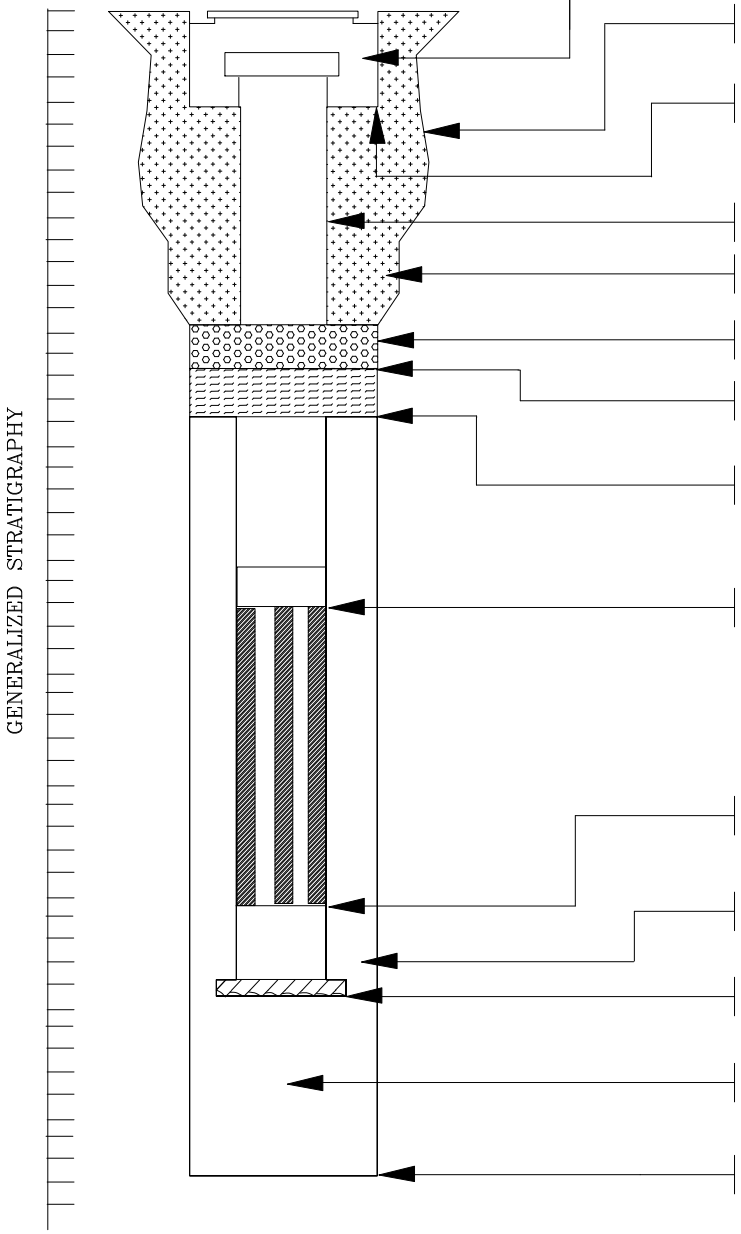
No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

WELL CONSTRUCTION DETAILS

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	3021-3041 Orchard Park Rd, Orchard Park, NY	PROJECT No.	14B4431.22
CLIENT:	Northwest Savings Bank	WELL No.	TPMW1
DATE COMPLETED:	5/7/14	SUPERVISED BY:	DEC



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 0.0 ft. bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 0.5 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 4.9 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 14.9 ft. bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 16.0 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 15.0 ft. bgs

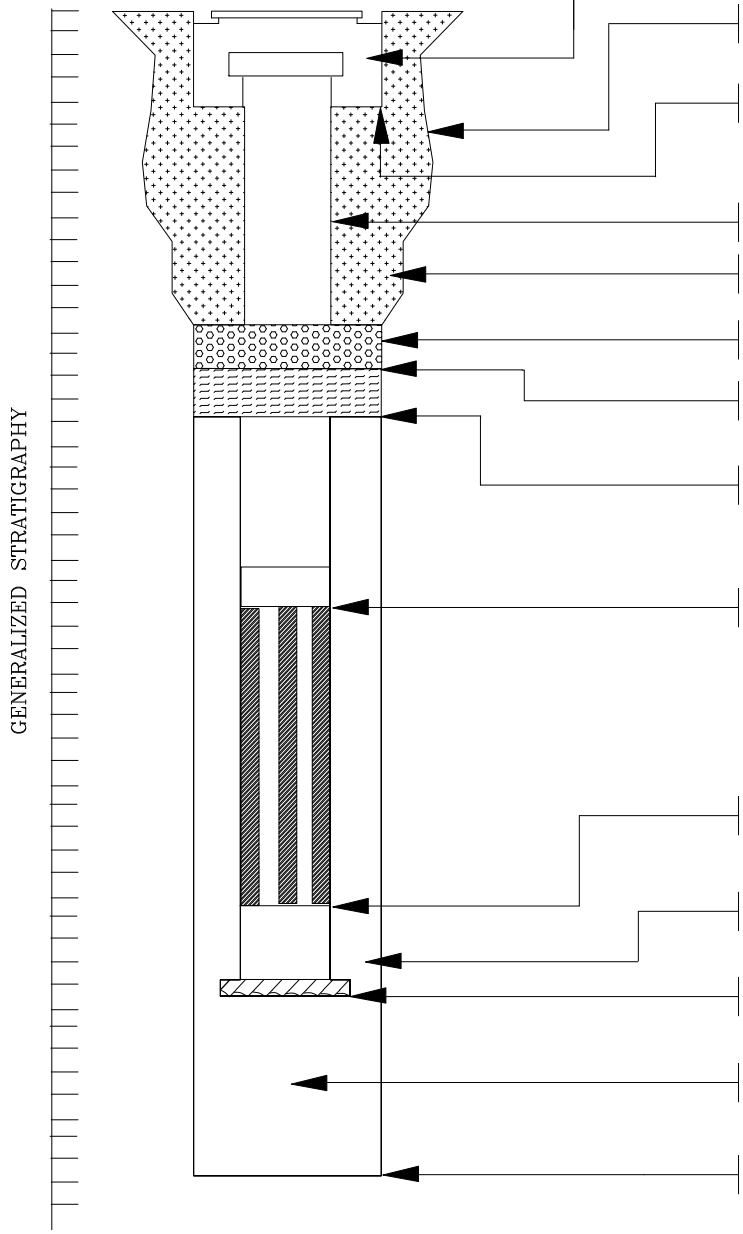
TYPE OF FILLER
BELOW PLUGGED BLANK: #00N silica sand

BOTTOM OF BOREHOLE
Elevation/Depth: 16.0 ft. bgs

NOTES

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION: 3021-3041 Orchard Park Rd, Orchard Park, NY
PROJECT No. 14B4431.22
CLIENT: Northwest Savings Bank
WELL No. ~~TPMW1~~ TPMW2
DATE COMPLETED: 5/7/14
SUPERVISED BY: DEC



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 0.0 ft. bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 0.5 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 5.9 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 15.9 ft. bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 18.2 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 16.0 ft. bgs

TYPE OF FILLER
BELOW PLUGGED BLANK: #00N silica sand

BOTTOM OF BOREHOLE
Elevation/Depth: 18.2 ft. bgs

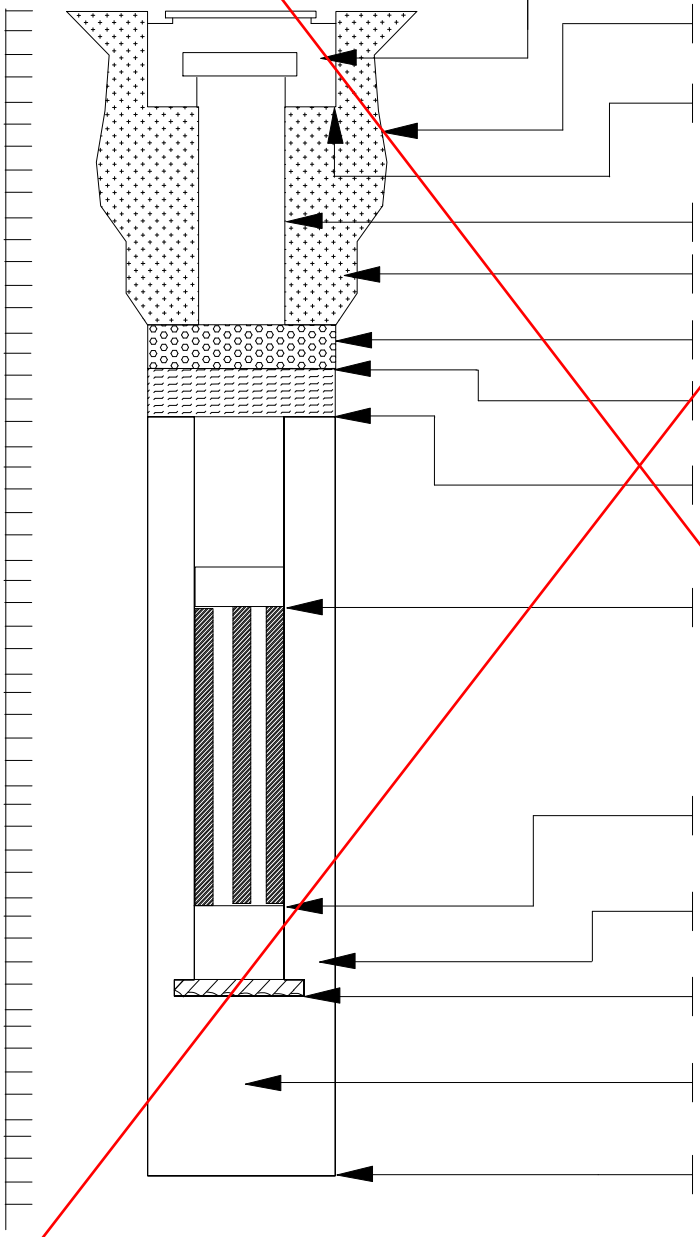
NOTES

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION: 3021-3041 Orchard Park Rd, Orchard Park, NY PROJECT No. 14B4431.22

CLIENT: Northwest Savings Bank WELL No. TPMW2

DATE COMPLETED: 5/7/14 SUPERVISED BY: DEC



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 0.0 ft. bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 0.5 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 4.9 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 14.9 ft. bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 16.0 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 15.0 ft. bgs

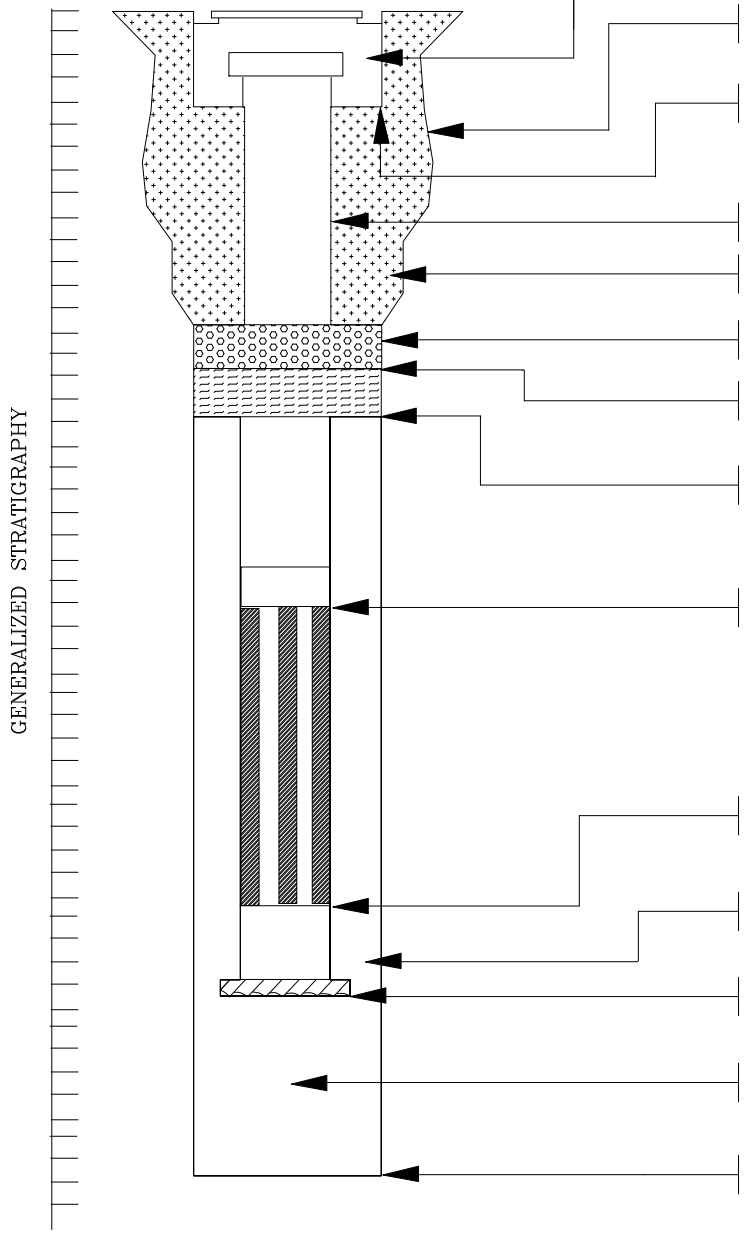
TYPE OF FILLER
BELOW PLUGGED BLANK: #00N silica sand

BOTTOM OF BOREHOLE
Elevation/Depth: 16.0 ft. bgs

NOTES

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	3021-3041 Orchard Park Rd, Orchard Park, NY	PROJECT No.	14B4431.22
CLIENT:	Northwest Savings Bank	WELL No.	TPMW3
DATE COMPLETED:	5/7/14	SUPERVISED BY:	DEC



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 0.0 ft. bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 0.5 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 7.9 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 17.9 ft. bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 18.4 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 18.0 ft. bgs

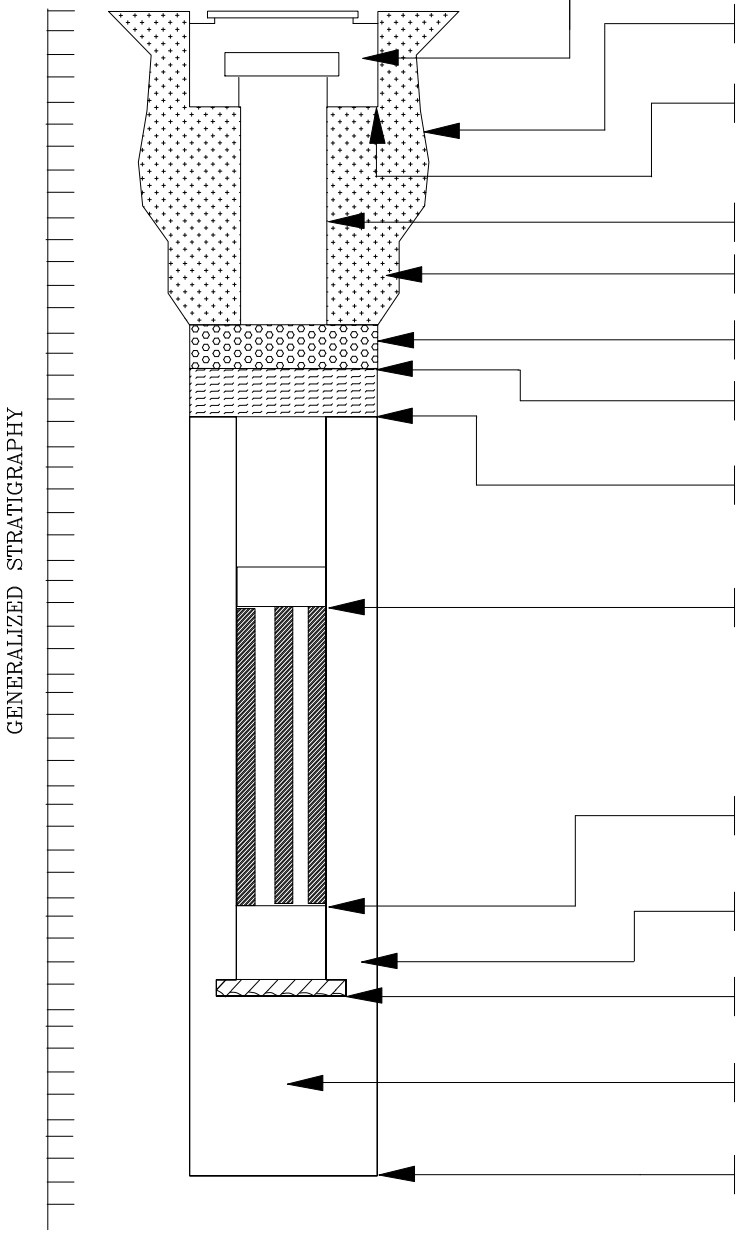
TYPE OF FILLER
BELOW PLUGGED BLANK: #00N silica sand

BOTTOM OF BOREHOLE
Elevation/Depth: 18.4 ft. bgs

NOTES

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	3021-3041 Orchard Park Rd, Orchard Park, NY	PROJECT No.	14B4431.22
CLIENT:	Northwest Savings Bank	WELL No.	TPMW4
DATE COMPLETED:	5/7/14	SUPERVISED BY:	DEC



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 0.0 ft. bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 0.5 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 4.9 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 14.9 ft. bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 18.5 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 15.0 ft. bgs

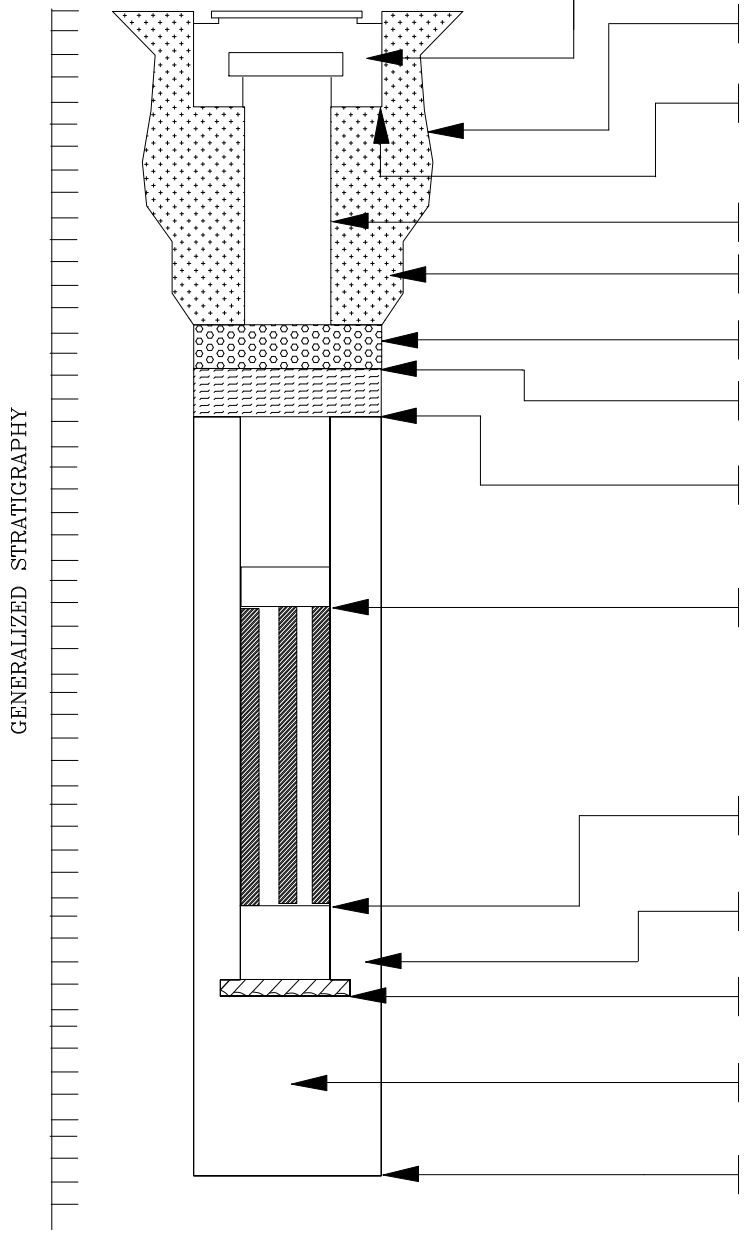
TYPE OF FILLER
BELOW PLUGGED BLANK: #00N silica sand

BOTTOM OF BOREHOLE
Elevation/Depth: 18.5 ft. bgs

NOTES

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	3021-3041 Orchard Park Rd, Orchard Park, NY	PROJECT No.	14B4431.22
CLIENT:	Northwest Savings Bank	WELL No.	TPMW5
DATE COMPLETED:	5/7/14	SUPERVISED BY:	DEC



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 0.0 ft. bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 0.5 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 4.9 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 14.9 ft. bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 16.0 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 15.0 ft. bgs

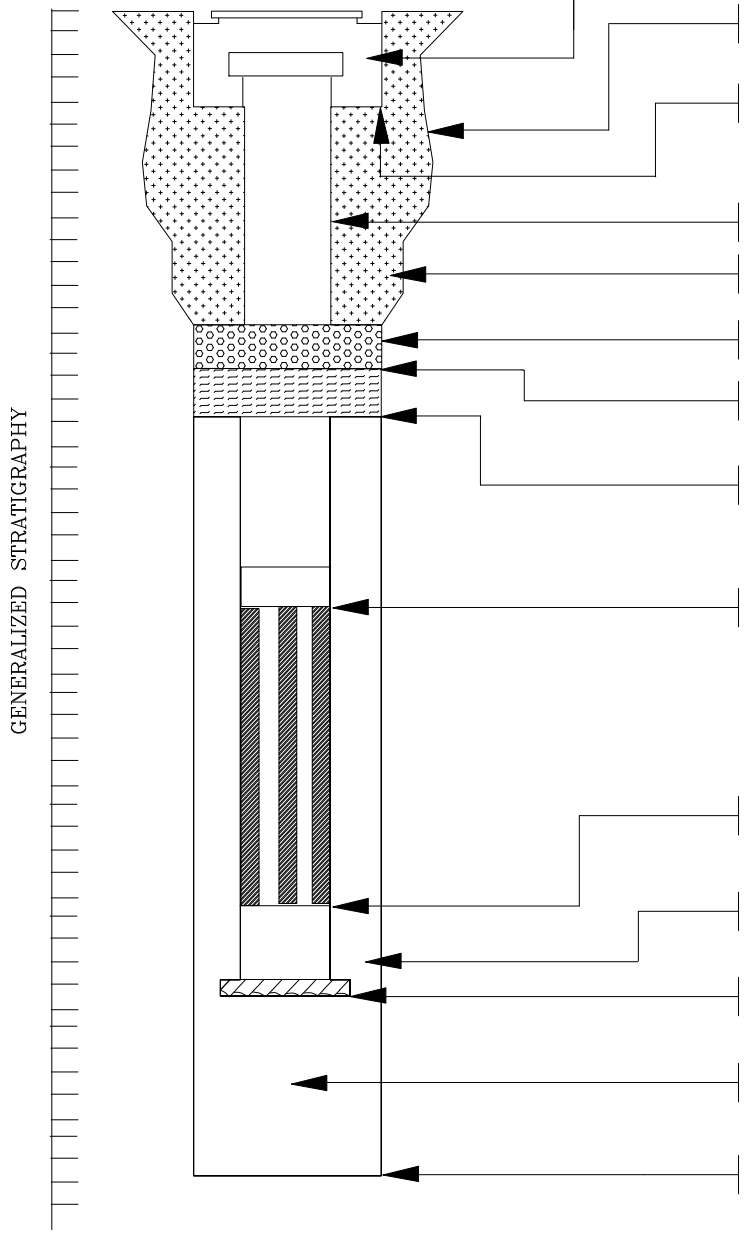
TYPE OF FILLER
BELOW PLUGGED BLANK: #00N silica sand

BOTTOM OF BOREHOLE
Elevation/Depth: 16.0 ft. bgs

NOTES

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	3021-3041 Orchard Park Rd, Orchard Park, NY	PROJECT No.	14B4431.22
CLIENT:	Northwest Savings Bank	WELL No.	TPMW6
DATE COMPLETED:	5/7/14	SUPERVISED BY:	DEC



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 0.0 ft. bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 0.5 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 4.9 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 14.9 ft. bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 16.0 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 15.0 ft. bgs

TYPE OF FILLER
BELOW PLUGGED BLANK: #00N silica sand

BOTTOM OF BOREHOLE
Elevation/Depth: 16.0 ft. bgs

NOTES

ANALYTICAL RESULTS

New England ACCUTEST LABORATORIES

05/13/14

Technical Report for

Lender Consulting Services, Inc.

Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY

13B4431.22

Accutest Job Number: MC30395

Sampling Date: 05/07/14

Report to:

Lender Consulting Services, Inc.

mpopek@lenderconsulting.com

ATTN: Maggie Popek

Total number of pages in report: **26**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) DoD ELAP (L-A-B L2235)

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Test results relate only to samples analyzed.

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Sample Summary

Lender Consulting Services, Inc.

Job No: MC30395

Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY
Project No: 13B4431.22

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC30395-1	05/07/14	09:30	JMR	05/08/14	SO	Soil	BH01 0.8-4
MC30395-2	05/07/14	12:00	JMR	05/08/14	SO	Soil	BH03 6-8
MC30395-3	05/07/14	13:00	JMR	05/08/14	SO	Soil	BH04 12-14
MC30395-4	05/07/14	14:00	JMR	05/08/14	SO	Soil	BH06 2-4
MC30395-5	05/07/14	14:30	JMR	05/08/14	SO	Soil	BH07 0.5-2
MC30395-6	05/07/14	15:00	JMR	05/08/14	SO	Soil	BH08 0.5-2
MC30395-7	05/07/14	10:55	JMR	05/08/14	AQ	Ground Water	TPMW01
MC30395-8	05/07/14	12:40	JMR	05/08/14	AQ	Ground Water	TPMW02

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: MC30395
Account: Lender Consulting Services, Inc.
Project: Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY
Collected: 05/07/14

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC30395-1	**BH01 0.8-4**					
cis-1,2-Dichloroethene		215	210	47	ug/kg	SW846 8260C
Tetrachloroethene		589	210	32	ug/kg	SW846 8260C
MC30395-2	**BH03 6-8**					
cis-1,2-Dichloroethene		183	170	39	ug/kg	SW846 8260C
Tetrachloroethene		450	170	27	ug/kg	SW846 8260C
Trichloroethene		169 J	170	21	ug/kg	SW846 8260C
MC30395-3	**BH04 12-14**					
Benzene		1.8	0.48	0.33	ug/kg	SW846 8260C
Toluene		4.5 J	4.8	0.20	ug/kg	SW846 8260C
Xylene (total)		4.5	1.9	0.21	ug/kg	SW846 8260C
MC30395-4	**BH06 2-4**					
Acetone		53.5	9.7	2.7	ug/kg	SW846 8260C
Carbon disulfide		0.59 J	4.9	0.13	ug/kg	SW846 8260C
MC30395-5	**BH07 0.5-2**					
No hits reported in this sample.						
MC30395-6	**BH08 0.5-2**					
Benzene		1.0	0.35	0.24	ug/kg	SW846 8260C
Carbon disulfide		0.98 J	3.5	0.092	ug/kg	SW846 8260C
Toluene		2.4 J	3.5	0.14	ug/kg	SW846 8260C
Xylene (total)		3.0	1.4	0.15	ug/kg	SW846 8260C
MC30395-7	**TPMW01**					
Chloroform		1.7	1.0	0.41	ug/l	SW846 8260C
cis-1,2-Dichloroethene		67.3	1.0	0.84	ug/l	SW846 8260C
trans-1,2-Dichloroethene		0.77 J	1.0	0.51	ug/l	SW846 8260C
Tetrachloroethene		71.6	1.0	0.59	ug/l	SW846 8260C
Trichloroethene		26.9	1.0	0.47	ug/l	SW846 8260C
Xylene (total)		0.54 J	1.0	0.36	ug/l	SW846 8260C
MC30395-8	**TPMW02**					
1,1-Dichloroethene [a]		0.66 J	1.0	0.61	ug/l	SW846 8260C

Summary of Hits

Job Number: MC30395
Account: Lender Consulting Services, Inc.
Project: Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY
Collected: 05/07/14

Lab Sample ID / Client Sample ID / Analyte	Result/ Qual	RL	MDL	Units	Method
cis-1,2-Dichloroethene [a]	165	1.0	0.84	ug/l	SW846 8260C
trans-1,2-Dichloroethene [a]	4.3	1.0	0.51	ug/l	SW846 8260C
Tetrachloroethene [a]	15.0	1.0	0.59	ug/l	SW846 8260C
Trichloroethene [a]	22.4	1.0	0.47	ug/l	SW846 8260C
Vinyl chloride [a]	2.4	1.0	0.58	ug/l	SW846 8260C

(a) The pH of the sample aliquot for VOA analysis was > 2 at time of analysis.

New England ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	BH01 0.8-4		
Lab Sample ID:	MC30395-1	**Date Sampled:**	05/07/14
Matrix:	SO - Soil	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	73.8
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G137448.D	1	05/09/14	GK	n/a	n/a	MSG5257
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	7.95 g	10.0 ml	100 ul
Run #2			

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	1000	290	ug/kg	
71-43-2	Benzene	ND	51	35	ug/kg	
75-27-4	Bromodichloromethane	ND	210	22	ug/kg	
75-25-2	Bromoform	ND	210	37	ug/kg	
74-83-9	Bromomethane	ND	210	62	ug/kg	
78-93-3	2-Butanone (MEK)	ND	1000	320	ug/kg	
75-15-0	Carbon disulfide	ND	510	13	ug/kg	
56-23-5	Carbon tetrachloride	ND	210	23	ug/kg	
108-90-7	Chlorobenzene	ND	210	16	ug/kg	
75-00-3	Chloroethane	ND	510	78	ug/kg	
67-66-3	Chloroform	ND	210	17	ug/kg	
74-87-3	Chloromethane	ND	510	58	ug/kg	
124-48-1	Dibromochloromethane	ND	210	33	ug/kg	
75-34-3	1,1-Dichloroethane	ND	210	27	ug/kg	
107-06-2	1,2-Dichloroethane	ND	210	33	ug/kg	
75-35-4	1,1-Dichloroethene	ND	210	43	ug/kg	
156-59-2	cis-1,2-Dichloroethene	215	210	47	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	210	43	ug/kg	
78-87-5	1,2-Dichloropropane	ND	210	43	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	210	23	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	210	27	ug/kg	
100-41-4	Ethylbenzene	ND	210	71	ug/kg	
591-78-6	2-Hexanone	ND	1000	78	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	510	56	ug/kg	
75-09-2	Methylene chloride	ND	210	55	ug/kg	
100-42-5	Styrene	ND	510	18	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	210	40	ug/kg	
127-18-4	Tetrachloroethene	589	210	32	ug/kg	
108-88-3	Toluene	ND	510	21	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	210	22	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	210	59	ug/kg	
79-01-6	Trichloroethene	ND	210	25	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH01 0.8-4		
Lab Sample ID:	MC30395-1	**Date Sampled:**	05/07/14
Matrix:	SO - Soil	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	73.8
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	210	94	ug/kg	
1330-20-7	Xylene (total)	ND	210	23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	116%		70-130%
2037-26-5	Toluene-D8	121%		70-130%
460-00-4	4-Bromofluorobenzene	114%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH03 6-8		
Lab Sample ID:	MC30395-2	**Date Sampled:**	05/07/14
Matrix:	SO - Soil	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	81.7
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G137439.D	1	05/09/14	GK	n/a	n/a	MSG5257
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	8.25 g	10.0 ml	100 ul
Run #2			

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	850	240	ug/kg	
71-43-2	Benzene	ND	43	29	ug/kg	
75-27-4	Bromodichloromethane	ND	170	18	ug/kg	
75-25-2	Bromoform	ND	170	30	ug/kg	
74-83-9	Bromomethane	ND	170	51	ug/kg	
78-93-3	2-Butanone (MEK)	ND	850	260	ug/kg	
75-15-0	Carbon disulfide	ND	430	11	ug/kg	
56-23-5	Carbon tetrachloride	ND	170	19	ug/kg	
108-90-7	Chlorobenzene	ND	170	13	ug/kg	
75-00-3	Chloroethane	ND	430	65	ug/kg	
67-66-3	Chloroform	ND	170	14	ug/kg	
74-87-3	Chloromethane	ND	430	48	ug/kg	
124-48-1	Dibromochloromethane	ND	170	28	ug/kg	
75-34-3	1,1-Dichloroethane	ND	170	23	ug/kg	
107-06-2	1,2-Dichloroethane	ND	170	27	ug/kg	
75-35-4	1,1-Dichloroethene	ND	170	35	ug/kg	
156-59-2	cis-1,2-Dichloroethene	183	170	39	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	170	36	ug/kg	
78-87-5	1,2-Dichloropropane	ND	170	36	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	170	19	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	170	22	ug/kg	
100-41-4	Ethylbenzene	ND	170	59	ug/kg	
591-78-6	2-Hexanone	ND	850	65	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	430	46	ug/kg	
75-09-2	Methylene chloride	ND	170	45	ug/kg	
100-42-5	Styrene	ND	430	15	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	170	34	ug/kg	
127-18-4	Tetrachloroethene	450	170	27	ug/kg	
108-88-3	Toluene	ND	430	18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	170	19	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	170	49	ug/kg	
79-01-6	Trichloroethene	169	170	21	ug/kg	J

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH03 6-8		
Lab Sample ID:	MC30395-2	**Date Sampled:**	05/07/14
Matrix:	SO - Soil	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	81.7
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	170	78	ug/kg	
1330-20-7	Xylene (total)	ND	170	19	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	115%		70-130%
2037-26-5	Toluene-D8	119%		70-130%
460-00-4	4-Bromofluorobenzene	109%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH04 12-14		
Lab Sample ID:	MC30395-3	**Date Sampled:**	05/07/14
Matrix:	SO - Soil	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	90.8
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M65203.D	1	05/09/14	KD	n/a	n/a	MSM2295
Run #2							

	Initial Weight	Final Volume
Run #1	5.69 g	5.0 ml
Run #2		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	9.7	2.7	ug/kg	
71-43-2	Benzene	1.8	0.48	0.33	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.20	ug/kg	
75-25-2	Bromoform	ND	1.9	0.34	ug/kg	
74-83-9	Bromomethane	ND	1.9	0.58	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.7	3.0	ug/kg	
75-15-0	Carbon disulfide	ND	4.8	0.13	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.9	0.21	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.15	ug/kg	
75-00-3	Chloroethane	ND	4.8	0.73	ug/kg	
67-66-3	Chloroform	ND	1.9	0.16	ug/kg	
74-87-3	Chloromethane	ND	4.8	0.55	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.31	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.9	0.26	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.9	0.31	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.9	0.40	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.9	0.44	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.9	0.40	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.41	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.22	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.25	ug/kg	
100-41-4	Ethylbenzene	ND	1.9	0.67	ug/kg	
591-78-6	2-Hexanone	ND	9.7	0.73	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.8	0.52	ug/kg	
75-09-2	Methylene chloride	ND	1.9	0.51	ug/kg	
100-42-5	Styrene	ND	4.8	0.16	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.38	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.30	ug/kg	
108-88-3	Toluene	4.5	4.8	0.20	ug/kg	J
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.21	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.55	ug/kg	
79-01-6	Trichloroethene	ND	1.9	0.24	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH04 12-14		
Lab Sample ID:	MC30395-3	**Date Sampled:**	05/07/14
Matrix:	SO - Soil	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	90.8
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.9	0.88	ug/kg	
1330-20-7	Xylene (total)	4.5	1.9	0.21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-130%
2037-26-5	Toluene-D8	90%		70-130%
460-00-4	4-Bromofluorobenzene	88%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH06 2-4		
Lab Sample ID:	MC30395-4	**Date Sampled:**	05/07/14
Matrix:	SO - Soil	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	85.4
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M65204.D	1	05/09/14	KD	n/a	n/a	MSM2295
Run #2							

	Initial Weight	Final Volume
Run #1	6.02 g	5.0 ml
Run #2		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	53.5	9.7	2.7	ug/kg	
71-43-2	Benzene	ND	0.49	0.33	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.20	ug/kg	
75-25-2	Bromoform	ND	1.9	0.35	ug/kg	
74-83-9	Bromomethane	ND	1.9	0.59	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.7	3.0	ug/kg	
75-15-0	Carbon disulfide	0.59	4.9	0.13	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.9	0.21	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.15	ug/kg	
75-00-3	Chloroethane	ND	4.9	0.74	ug/kg	
67-66-3	Chloroform	ND	1.9	0.16	ug/kg	
74-87-3	Chloromethane	ND	4.9	0.55	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.31	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.9	0.26	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.9	0.31	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.9	0.40	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.9	0.44	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.9	0.41	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.41	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.22	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.26	ug/kg	
100-41-4	Ethylbenzene	ND	1.9	0.67	ug/kg	
591-78-6	2-Hexanone	ND	9.7	0.74	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.9	0.52	ug/kg	
75-09-2	Methylene chloride	ND	1.9	0.52	ug/kg	
100-42-5	Styrene	ND	4.9	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.38	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.30	ug/kg	
108-88-3	Toluene	ND	4.9	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.21	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.56	ug/kg	
79-01-6	Trichloroethene	ND	1.9	0.24	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH06 2-4		
Lab Sample ID:	MC30395-4	**Date Sampled:**	05/07/14
Matrix:	SO - Soil	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	85.4
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.9	0.89	ug/kg	
1330-20-7	Xylene (total)	ND	1.9	0.21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		70-130%
2037-26-5	Toluene-D8	93%		70-130%
460-00-4	4-Bromofluorobenzene	79%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH07 0.5-2		
Lab Sample ID:	MC30395-5	**Date Sampled:**	05/07/14
Matrix:	SO - Soil	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	93.3
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G137440.D	1	05/09/14	GK	n/a	n/a	MSG5257
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.11 g	10.0 ml	100 ul
Run #2			

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	1100	300	ug/kg	
71-43-2	Benzene	ND	54	37	ug/kg	
75-27-4	Bromodichloromethane	ND	220	23	ug/kg	
75-25-2	Bromoform	ND	220	38	ug/kg	
74-83-9	Bromomethane	ND	220	65	ug/kg	
78-93-3	2-Butanone (MEK)	ND	1100	330	ug/kg	
75-15-0	Carbon disulfide	ND	540	14	ug/kg	
56-23-5	Carbon tetrachloride	ND	220	24	ug/kg	
108-90-7	Chlorobenzene	ND	220	17	ug/kg	
75-00-3	Chloroethane	ND	540	82	ug/kg	
67-66-3	Chloroform	ND	220	18	ug/kg	
74-87-3	Chloromethane	ND	540	61	ug/kg	
124-48-1	Dibromochloromethane	ND	220	35	ug/kg	
75-34-3	1,1-Dichloroethane	ND	220	29	ug/kg	
107-06-2	1,2-Dichloroethane	ND	220	35	ug/kg	
75-35-4	1,1-Dichloroethene	ND	220	45	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	220	49	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	220	45	ug/kg	
78-87-5	1,2-Dichloropropane	ND	220	46	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	220	25	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	220	29	ug/kg	
100-41-4	Ethylbenzene	ND	220	75	ug/kg	
591-78-6	2-Hexanone	ND	1100	82	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	540	59	ug/kg	
75-09-2	Methylene chloride	ND	220	58	ug/kg	
100-42-5	Styrene	ND	540	18	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	220	43	ug/kg	
127-18-4	Tetrachloroethene	ND	220	34	ug/kg	
108-88-3	Toluene	ND	540	22	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	220	24	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	220	62	ug/kg	
79-01-6	Trichloroethene	ND	220	27	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH07 0.5-2		
Lab Sample ID:	MC30395-5	**Date Sampled:**	05/07/14
Matrix:	SO - Soil	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	93.3
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	220	99	ug/kg	
1330-20-7	Xylene (total)	ND	220	24	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		70-130%
2037-26-5	Toluene-D8	121%		70-130%
460-00-4	4-Bromofluorobenzene	114%		70-130%

(a) Dilution required due to high concentration of non-target compound.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH08 0.5-2		
Lab Sample ID:	MC30395-6	**Date Sampled:**	05/07/14
Matrix:	SO - Soil	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	95.0
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M65217.D	1	05/10/14	KD	n/a	n/a	MSM2295
Run #2							

	Initial Weight	Final Volume
Run #1	7.51 g	5.0 ml
Run #2		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	7.0	2.0	ug/kg	
71-43-2	Benzene	1.0	0.35	0.24	ug/kg	
75-27-4	Bromodichloromethane	ND	1.4	0.15	ug/kg	
75-25-2	Bromoform	ND	1.4	0.25	ug/kg	
74-83-9	Bromomethane	ND	1.4	0.42	ug/kg	
78-93-3	2-Butanone (MEK)	ND	7.0	2.2	ug/kg	
75-15-0	Carbon disulfide	0.98	3.5	0.092	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.4	0.15	ug/kg	
108-90-7	Chlorobenzene	ND	1.4	0.11	ug/kg	
75-00-3	Chloroethane	ND	3.5	0.53	ug/kg	
67-66-3	Chloroform	ND	1.4	0.12	ug/kg	
74-87-3	Chloromethane	ND	3.5	0.40	ug/kg	
124-48-1	Dibromochloromethane	ND	1.4	0.23	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.4	0.19	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.4	0.23	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.4	0.29	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.4	0.32	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.29	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.4	0.29	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.4	0.16	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.4	0.18	ug/kg	
100-41-4	Ethylbenzene	ND	1.4	0.48	ug/kg	
591-78-6	2-Hexanone	ND	7.0	0.53	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.5	0.38	ug/kg	
75-09-2	Methylene chloride	ND	1.4	0.37	ug/kg	
100-42-5	Styrene	ND	3.5	0.12	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.4	0.28	ug/kg	
127-18-4	Tetrachloroethene	ND	1.4	0.22	ug/kg	
108-88-3	Toluene	2.4	3.5	0.14	ug/kg	J
71-55-6	1,1,1-Trichloroethane	ND	1.4	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.4	0.40	ug/kg	
79-01-6	Trichloroethene	ND	1.4	0.17	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH08 0.5-2		
Lab Sample ID:	MC30395-6	**Date Sampled:**	05/07/14
Matrix:	SO - Soil	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	95.0
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.4	0.64	ug/kg	
1330-20-7	Xylene (total)	3.0	1.4	0.15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-130%
2037-26-5	Toluene-D8	90%		70-130%
460-00-4	4-Bromofluorobenzene	90%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW01		
Lab Sample ID:	MC30395-7	**Date Sampled:**	05/07/14
Matrix:	AQ - Ground Water	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N86958.D	1	05/09/14	KD	n/a	n/a	MSN3237
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.5	ug/l	
71-43-2	Benzene	ND	0.50	0.32	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.34	ug/l	
75-25-2	Bromoform	ND	1.0	0.61	ug/l	
74-83-9	Bromomethane	ND	2.0	1.8	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.3	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.46	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.53	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.43	ug/l	
75-00-3	Chloroethane	ND	2.0	0.53	ug/l	
67-66-3	Chloroform	1.7	1.0	0.41	ug/l	
74-87-3	Chloromethane	ND	2.0	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.38	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.36	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.61	ug/l	
156-59-2	cis-1,2-Dichloroethene	67.3	1.0	0.84	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.77	1.0	0.51	ug/l	J
78-87-5	1,2-Dichloropropane	ND	2.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.42	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.6	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	0.99	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.28	ug/l	
100-42-5	Styrene	ND	5.0	0.85	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.40	ug/l	
127-18-4	Tetrachloroethene	71.6	1.0	0.59	ug/l	
108-88-3	Toluene	ND	1.0	0.33	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.46	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.45	ug/l	
79-01-6	Trichloroethene	26.9	1.0	0.47	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW01		
Lab Sample ID:	MC30395-7	**Date Sampled:**	05/07/14
Matrix:	AQ - Ground Water	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.58	ug/l	
1330-20-7	Xylene (total)	0.54	1.0	0.36	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	106%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW02		
Lab Sample ID:	MC30395-8	**Date Sampled:**	05/07/14
Matrix:	AQ - Ground Water	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	N86959.D	1	05/09/14	KD	n/a	n/a	MSN3237
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.5	ug/l	
71-43-2	Benzene	ND	0.50	0.32	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.34	ug/l	
75-25-2	Bromoform	ND	1.0	0.61	ug/l	
74-83-9	Bromomethane	ND	2.0	1.8	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.3	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.46	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.53	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.43	ug/l	
75-00-3	Chloroethane	ND	2.0	0.53	ug/l	
67-66-3	Chloroform	ND	1.0	0.41	ug/l	
74-87-3	Chloromethane	ND	2.0	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.38	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.36	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethene	0.66	1.0	0.61	ug/l	J
156-59-2	cis-1,2-Dichloroethene	165	1.0	0.84	ug/l	
156-60-5	trans-1,2-Dichloroethene	4.3	1.0	0.51	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.42	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.6	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	0.99	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.28	ug/l	
100-42-5	Styrene	ND	5.0	0.85	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.40	ug/l	
127-18-4	Tetrachloroethene	15.0	1.0	0.59	ug/l	
108-88-3	Toluene	ND	1.0	0.33	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.46	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.45	ug/l	
79-01-6	Trichloroethene	22.4	1.0	0.47	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW02		
Lab Sample ID:	MC30395-8	**Date Sampled:**	05/07/14
Matrix:	AQ - Ground Water	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	2.4	1.0	0.58	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.36	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-130%
2037-26-5	Toluene-D8	106%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%

(a) The pH of the sample aliquot for VOA analysis was > 2 at time of analysis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PAGE 1 OF 1

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #:
Accutest Job #: MC30395

Client / Reporting Information

Company Name: LCS
Street Address: 40 LaRiviere Dr
City: Buffalo State: NY Zip: 14207
Project Contact: Jeff Rowley E-mail:
Phone #: 716-845-6145 Fax #:
Sampler(s) Name(s): Jeff Rowley Phone #:

Project Information

Project Name: Commercial Property
Street: 3021-3041 Orchard Park
City: Orchard Park, NY
Project #: 13B4431.22
Client PO#:
Project Manager: Jeff Rowley

Billing Information (If different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

8260 TCL

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB-Equipment Blank
RB-Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfate	8260 TCL	LAB USE ONLY
-1	BH01 018-4		5/7/14	9:30	SMR	SO	4					1		1		2	X	
-2	BH03 6-8		5/7/14	12:40	SMR	SO	4					1		1		2	X	
-3	BH04 12-14		5/7/14	13:00	SMR	SO	4					1		1		2	X	
-4	BH06 2-4		5/7/14	14:00	SMR	SO	4					1		1		2	X	
-5	BH07 0.5-2		5/7/14	14:30	SMR	SO	4					1		1		2	X	
-6	BH08 0.5-2		5/7/14	15:30	SMR	SO	4					1		1		2	X	
-7	TPMW01		5/7/14	10:55	SMR	SO	3	3									X	
-8	TPMW02		5/7/14	12:40	SMR	SO	3	3									X	
																		12M4,
																		12C,

Turnaround Time (Business days)

- [ ] Std. 10 Business Days
- [ ] Std. 5 Business Days (By Contract only)
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [x] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

RUSH!

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [x] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] CT RCP
- [ ] MA MCP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		5/7/14 15:53	Deaton	FEDX	5-8-14 930	
2						
3						
4						
5						

Custody Seal # [ ] Intact [ ] Not Intact — Preserved where applicable [ ] — On Ice [x] — Cooler Temp. 2.7°C

SYRACUSE SC

MC30395: Chain of Custody
Page 1 of 3

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC30395 **Client:** LCS **Immediate Client Services Action Required:** Yes

Date / Time Received: 5/8/2014 **Delivery Method:**

Project: COMMERCIAL PROP **No. Coolers:** **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☐		☑

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	
2. Trip Blank listed on COC:	☐	☑	
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☐		☑

Sample Integrity - Condition	Y	or	N
1. Sample rec'd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume rec'd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

-6 all sample bottles have time of 15:00, but the coc says 15:30

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

MC30395: Chain of Custody
Page 2 of 3

Sample Receipt Summary - Problem Resolution

Accutest Job Number: MC30395

CSR: Frank D'Agostino **Response Date:** 4/9/2014

Response: The correct sample time is 15:00

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

MC30395: Chain of Custody
Page 3 of 3

New England ACCUTEST LABORATORIES

05/13/14

Technical Report for

Lender Consulting Services, Inc.

Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY

13B4431.22

Accutest Job Number: MC30471

Sampling Date: 05/08/14

Report to:

Lender Consulting Services, Inc.

mpopek@lenderconsulting.com

ATTN: Maggie Popek

Total number of pages in report: **16**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) DoD ELAP (L-A-B L2235)

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Test results relate only to samples analyzed.

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Sample Summary

Lender Consulting Services, Inc.

Job No: MC30471

Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY
Project No: 13B4431.22

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC30471-1	05/08/14	11:40	DC	05/09/14	AQ	Ground Water	TPMW-06
MC30471-2	05/08/14	13:45	DC	05/09/14	AQ	Ground Water	TPMW-05
MC30471-3	05/08/14	14:45	DC	05/09/14	AQ	Ground Water	TPMW-04
MC30471-4	05/08/14	17:50	DC	05/09/14	AQ	Ground Water	TPMW-03

Summary of Hits

Job Number: MC30471
Account: Lender Consulting Services, Inc.
Project: Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY
Collected: 05/08/14

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC30471-1	**TPMW-06**					
No hits reported in this sample.						
MC30471-2	**TPMW-05**					
No hits reported in this sample.						
MC30471-3	**TPMW-04**					
No hits reported in this sample.						
MC30471-4	**TPMW-03**					
No hits reported in this sample.						

New England ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	TPMW-06		
Lab Sample ID:	MC30471-1	**Date Sampled:**	05/08/14
Matrix:	AQ - Ground Water	**Date Received:**	05/09/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U19757.D	1	05/12/14	GK	n/a	n/a	MSU898
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.5	ug/l	
71-43-2	Benzene	ND	0.50	0.32	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.34	ug/l	
75-25-2	Bromoform	ND	1.0	0.61	ug/l	
74-83-9	Bromomethane	ND	2.0	1.8	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.3	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.46	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.53	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.43	ug/l	
75-00-3	Chloroethane	ND	2.0	0.53	ug/l	
67-66-3	Chloroform	ND	1.0	0.41	ug/l	
74-87-3	Chloromethane	ND	2.0	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.38	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.36	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.61	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.84	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.42	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.6	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	0.99	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.28	ug/l	
100-42-5	Styrene	ND	5.0	0.85	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.40	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.59	ug/l	
108-88-3	Toluene	ND	1.0	0.33	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.46	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.45	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.47	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW-06		
Lab Sample ID:	MC30471-1	**Date Sampled:**	05/08/14
Matrix:	AQ - Ground Water	**Date Received:**	05/09/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.58	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.36	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		70-130%
2037-26-5	Toluene-D8	106%		70-130%
460-00-4	4-Bromofluorobenzene	103%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW-05		
Lab Sample ID:	MC30471-2	**Date Sampled:**	05/08/14
Matrix:	AQ - Ground Water	**Date Received:**	05/09/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U19758.D	1	05/12/14	GK	n/a	n/a	MSU898
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.5	ug/l	
71-43-2	Benzene	ND	0.50	0.32	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.34	ug/l	
75-25-2	Bromoform	ND	1.0	0.61	ug/l	
74-83-9	Bromomethane	ND	2.0	1.8	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.3	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.46	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.53	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.43	ug/l	
75-00-3	Chloroethane	ND	2.0	0.53	ug/l	
67-66-3	Chloroform	ND	1.0	0.41	ug/l	
74-87-3	Chloromethane	ND	2.0	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.38	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.36	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.61	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.84	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.42	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.6	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	0.99	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.28	ug/l	
100-42-5	Styrene	ND	5.0	0.85	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.40	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.59	ug/l	
108-88-3	Toluene	ND	1.0	0.33	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.46	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.45	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.47	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW-05		
Lab Sample ID:	MC30471-2	**Date Sampled:**	05/08/14
Matrix:	AQ - Ground Water	**Date Received:**	05/09/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.58	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.36	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		70-130%
2037-26-5	Toluene-D8	120%		70-130%
460-00-4	4-Bromofluorobenzene	112%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW-04		
Lab Sample ID:	MC30471-3	**Date Sampled:**	05/08/14
Matrix:	AQ - Ground Water	**Date Received:**	05/09/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	U19759.D	1	05/12/14	GK	n/a	n/a	MSU898
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.5	ug/l	
71-43-2	Benzene	ND	0.50	0.32	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.34	ug/l	
75-25-2	Bromoform	ND	1.0	0.61	ug/l	
74-83-9	Bromomethane	ND	2.0	1.8	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.3	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.46	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.53	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.43	ug/l	
75-00-3	Chloroethane	ND	2.0	0.53	ug/l	
67-66-3	Chloroform	ND	1.0	0.41	ug/l	
74-87-3	Chloromethane	ND	2.0	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.38	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.36	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.61	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.84	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.42	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.6	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	0.99	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.28	ug/l	
100-42-5	Styrene	ND	5.0	0.85	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.40	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.59	ug/l	
108-88-3	Toluene	ND	1.0	0.33	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.46	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.45	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.47	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW-04		
Lab Sample ID:	MC30471-3	**Date Sampled:**	05/08/14
Matrix:	AQ - Ground Water	**Date Received:**	05/09/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.58	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.36	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		70-130%
2037-26-5	Toluene-D8	104%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

(a) The pH of the sample aliquot for VOA analysis was > 2 at time of analysis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW-03		
Lab Sample ID:	MC30471-4	**Date Sampled:**	05/08/14
Matrix:	AQ - Ground Water	**Date Received:**	05/09/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	U19760.D	1	05/12/14	GK	n/a	n/a	MSU898
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.5	ug/l	
71-43-2	Benzene	ND	0.50	0.32	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.34	ug/l	
75-25-2	Bromoform	ND	1.0	0.61	ug/l	
74-83-9	Bromomethane	ND	2.0	1.8	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.3	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.46	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.53	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.43	ug/l	
75-00-3	Chloroethane	ND	2.0	0.53	ug/l	
67-66-3	Chloroform	ND	1.0	0.41	ug/l	
74-87-3	Chloromethane	ND	2.0	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.38	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.36	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.61	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.84	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.42	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.6	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	0.99	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.28	ug/l	
100-42-5	Styrene	ND	5.0	0.85	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.40	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.59	ug/l	
108-88-3	Toluene	ND	1.0	0.33	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.46	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.45	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.47	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW-03		
Lab Sample ID:	MC30471-4	**Date Sampled:**	05/08/14
Matrix:	AQ - Ground Water	**Date Received:**	05/09/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.58	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.36	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		70-130%
2037-26-5	Toluene-D8	105%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%

(a) The pH of the sample aliquot for VOA analysis was > 2 at time of analysis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST LABORATORIES

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PAGE ___ OF ___

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest Job #: MC30471

Client / Reporting Information

Company Name: LCY
Street Address: 40 LaRivieraDrive
City: Buffalo State: NY Zip: 14202
Project Contact: JeffRowley E-mail:
Phone #: 716 445 0045 Fax #:
Sampler(s) Name(s): DCaton Phone #:

Project Information

Project Name: commercial Property
Street: 3021-3044 orchard park
City: Orchard Park State: NY
Project #: 13B4431.22
Client PO#: Jeff Rowley
Project Manager: Jeff Rowley

Billing Information (If different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

8260 TCL

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB- Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfate	LAB USE ONLY
-1	TPMW-06		5-8-14	1140	DC	GW	3	1								✓	
-2	TPMW-05		5-8-14	1345	DC	GW	3	1								✓	
-3	TPMW-04		5-8-14	1445	DC	GW	3	1								✓	
-4	TPMW-03		5-8-14	1730	DC	GW	3	1								✓	
																	3D4

Turnaround Time (Business days)

- ☐ Std. 10 Business Days
- ☐ Std. 5 Business Days (By Contract only)
- ☐ 5 Day *RUSH*
- ☐ 3 Day *EMERGENCY*
- ☒ 2 Day *EMERGENCY*
- ☐ 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

RUSH!

Data Deliverable Information

- ☐ Commercial "A" (Level 1)
- ☒ Commercial "B" (Level 2)
- ☐ FULLT1 (Level 3+4)
- ☐ CT RCP
- ☐ MA MCP
- ☐ NYASP Category A
- ☐ NYASP Category B
- ☐ State Forms
- ☐ EDD Format _____
- ☐ Other _____

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	DCaton	5-9-14 1400	DCaton			
2				RCatt	5/9/14 1520	
3		5-9-14 1500				
4						
5						

Custody Seal #: none ☐ Intact ☐ Not Intact | Preserved where applicable ☐ | On Ice ☐ | Cooler Temp: 0.1 2c

SYRACUSE SC

MC30471: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC30471 **Client:** LCS **Immediate Client Services Action Required:** No

Date / Time Received: 5/9/2014 **Delivery Method:** **Client Service Action Required at Login:** No

Project: COMMERCIAL PROPERTY **No. Coolers:** 1 **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control -Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

MC30471: Chain of Custody
Page 2 of 2

LIMITATIONS

This environmental study is limited by the scope of services contained within this report and time frames specified within the contracts for services dated May 1, 2014.

This environmental study makes no warranties nor implies any liability regarding:

1. Any impacted media located beneath the on-site structure(s).
2. Any chemical analytes not included within the analytical test methods employed during this study.
3. Any impacted media present from off-site sources not assessed.
4. Any impact at locations and depths not assessed in this study.
5. Any impact at locations where access was limited (i.e., beneath structures, etc.).
6. Vapor Intrusion.

Conclusions and/or recommendations made within the study are based on the interpretation of data collected at individual sample locations and may change if additional data is collected during future study. Conditions between sampling locations are estimated based on available data. Intrusive studies serve to reduce, but not eliminate, the potential environmental risk associated with a property. No study is considered all-inclusive or representative of the entire subject property. Such would be cost prohibitive.

APPENDIX A3

TURNKEY ENVIRONMENTAL RESTORATION, LLC
SUPPLEMENTAL PHASE II
ENVIRONMENTAL INVESTIGATION REPORT

Supplemental Phase II Environmental Investigation

Orchard Park Plaza Site
Orchard Park, New York

June 2014 0304-014-001

Prepared for:

3021-3041 Orchard Park Road, LLC

Prepared by:

TurnKey Environmental Restoration, LLC

2558 Hamburg Turnpike, Buffalo, New York | phone: (716) 856-0635 | fax: (716) 856-0583

SUPPLEMENTAL PHASE II ENVIRONMENTAL INVESTIGATION REPORT

Orchard Park Plaza Site
3021-3041 Orchard Park Road
Orchard Park, New York

June 2014 0304-014-001

Prepared for:

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SUPPLEMENTAL PHASE II
ENVIRONMENTAL INVESTIGATION REPORT

Orchard Park Plaza Site
3021-3041 Orchard Park Road
Orchard Park, New York

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SUPPLEMENTAL PHASE II
ENVIRONMENTAL INVESTIGATION REPORT

Orchard Park Plaza Site
3021-3041 Orchard Park Road
Orchard Park, New York

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APPENDICES

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Appendix B	Water Quality Field Collection Logs
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1.0 INTRODUCTION

1.1 Background and Site Description

TurnKey Environmental Restoration, LLC (TurnKey) performed a Supplemental Phase II Environmental Investigation on behalf of 3021-3041 Orchard Park Road, LLC at the property addressed as 3021-3041 Orchard Park Road, Town of Orchard Park, Erie County, New York (i.e., the "Site"; see Figure 1). This investigation was performed based on the findings of the "Limited and Focused Subsurface Soil and Groundwater Investigation Report" prepared by LCS, Inc. on May 14, 2014 (see Appendix A).

The subject property is located in a moderately developed commercial and residential area of Orchard Park, New York. The Site, totaling approximately 5.44-acres and encompassing Tax ID Nos. 152.12-2-2.1 and 152.12-2-1, is bordered by Michael Road to the north, convenience store/pharmacy facilities to the south and east, and Orchard Park Road to the west. The Site is improved with a single story multiple unit commercial building.

According to the LCS report, the commercial plaza housed a dry cleaning tenant in the 3035 and 3039 Orchard Park Road tenant units between 1979 and 2008. The LCS investigation included the completion of a subsurface soil and groundwater investigation in accessible exterior areas of the Site to assess potential environmental impact related to the past operation of a dry cleaning facility. The investigation indicated that no analytes were detected in soil at concentrations in exceedance of NYSDEC Part 375 Soil Cleanup Objectives. However, chlorinated volatile organic compounds (cVOCs), commonly associated with dry cleaning facilities, were detected in two temporary monitoring wells in exceedance of NYSDEC Groundwater Criteria (Class GA).

Based on the findings of the LCS report, further investigation was recommended to delineate the extent of cVOCs found at the site. The additional investigation included interior soil borings, a vapor intrusion study and exterior borings and temporary monitoring wells.

2.0 SITE INVESTIGATION

2.1 Interior Subsurface Soil Investigation

On May 20, 2012, TurnKey mobilized a concrete core drill to the site and penetrated the concrete slab at six locations within the commercial building to facilitate collection of underlying soil samples via hand auger. The soil borings included one in tenant address #3037 (a current paint shop) identified as SB-1, one in tenant address #3035 (a hair salon) identified as SB-2, and four within tenant space #3039 (current vacant former dry cleaning facility) identified as SB-3 through SB-6. Soil boring locations are shown on Figure 2. Soil descriptions were completed in the field via visual characterization of excavated soils and test pit excavation faces using the Unified Soil Classification System (USCS), and scanned for total volatile organic vapors with a calibrated MiniRae 3000 PID equipped with a 10.6 eV lamp.

The soil/fill samples were placed in pre-cleaned, laboratory provided sample bottles using dedicated stainless steel sampling tools, and cooled to 4º C in the field. The samples were transported under chain-of-custody command to Alpha Analytical for analysis of Target Compound List (TCL) volatile organic compounds (VOCs), via EPA Method 8260.

2.2 Subslab Vapor Sampling

On May 20, 2014 TurnKey personnel collected three air samples in accordance with NY State Department of Health (NYSDOH) protocols for subslab vapor intrusion investigation: a subslab vapor sample and a corresponding indoor ambient air sample (collected from the former dry cleaning unit), and an outdoor ambient air sample. The samples were collected using Summa® canisters with 12 hour regulators. The canisters were transported under chain-of-custody command to Alpha Analytical for VOC analysis via USEPA Method TO-15. The air sample locations are shown on Figure 2.

2.3 Groundwater Sampling

Boreholes BH-10/TPMW-7 through BH-14/TPMW-11 were completed on May 21, 2014, in accessible locations of the subject property (see Figure 2). Soil samples were

collected with a truck-mounted percussion and hydraulically driven drive system equipped with a 1.5-inch diameter, 48 inch long macro-core sampler.

Following borehole advancement described above, five new temporary monitoring wells were installed at the site (see Figure 2). The wells were constructed using one-inch diameter Schedule 40 PVC well screen. The temporary wells were allowed to stabilize a minimum of one hour prior to groundwater sample collection. Groundwater grab samples were collected from each temporary well utilizing dedicated 0.5" polyethylene bailers. Field measurements of pH, temperature, specific conductance, and turbidity were determined following collection of the analytical samples. Field measured parameters were recorded on Water Quality Field Collection Logs presented in Appendix B. All temporary wells were manually decommissioned (pulled) following reference elevation determinations. The resulting open annulus was backfilled with site soils and/or bentonite and supplemented at the surface with asphalt patch or soil to match the existing grade.

Groundwater samples were placed in pre-cleaned laboratory provided sample bottles, cooled to 4 °C in the field, and transported under chain-of-custody to Alpha Analytical for analysis of VOCs (EPA Method 8260)

3.0 INVESTIGATION FINDINGS

3.1 Field Observations

3.1.1 Qualitative Soil Screening

Soil samples were observed and screened via headspace for VOCs using a PID with measurements ranged from 2.8 ppm (SB-1) to approximately 100 ppm (SB-5) above background (0.0 ppm). A brief description of the field observations is presented below:

Sample ID	Sample Interval (Depth Below Slab)	Soil Description	PID Reading (ppm)
SB-1	1.5' – 2'	sandy lean clay	0 - 2.8
SB-2	1' – 2.5'	sandy lean clay	0 - 7.5
SB-3	2.5' – 3'	sandy lean clay	0 - 4.5
SB-4	2.5' – 3'	weathered shale	0 - 4.5
SB-5	2.5' – 3'	sandy lean clay	0 - 100
SB-6	2.5' – 3'	weathered shale	0 – 1.9

3.1.2 Hydrogeology

Field observations and groundwater elevation measurements are summarized below:

Sample ID	Field Description	PID	Groundwater Elevation[1]
BH10/ TPMW-7	0-0.25': asphalt 0.25'-0.5': gravel 0.5' – 1': brown, moist mostly fine sand 1'-2': shale fragments 2' – 8': silty clay, brown, moist, low plasticity 8' – 10': silty clay w/ shale fragments, moist to wet at 8.5' 10': refusal	0-4':0 ppm 4 -8': 0 ppm 8-10': 0 ppm	498.88
BH11/ TPMW-8	0-0.25': asphalt 0.25'-0.5': gravel 0.5' – 4': grey silty clay with gravel, moist 4' – 8': brown silty clay, moist 8' – 15': grey silty clay w/ gravel, stiff, moist 15': refusal	0-4':0 ppm 4 -8': 0 ppm 8-12': 0 ppm 12-15': 0 ppm	498.85

Sample ID	Field Description	PID	Groundwater Elevation[1]
BH12/ TPMW-9	0-0.25': asphalt 0.25'-0.5': gravel 0.5' – 1': shale fragments 1' – 4': grey, moist silty clay w/ shale fragments 4' – 9': brown silty clay; moist to wet at 5' 9'- 14': grey, moist silty clay w/ gravel 14': refusal	0-4': 3.5 ppm 4 -8': 0 ppm 8-12': 0 ppm 12-15': 0 ppm	498.71
BH13/ TPMW-10	0-0.25': asphalt 0.25'-0.5': gravel 0.5' – 1': shale fragments 1' – 4': grey, moist silty clay w/ shale fragments 4' – 9': brown silty clay; moist to wet at 5' 9'- 15': grey, moist silty clay w/ gravel 15': refusal	0-4':0 ppm 4 -8': 0 ppm 8-12': 0 ppm 12-15': 0 ppm	498.44
BH14/ TPMW-11	0-0.25': asphalt 0.25'-0.5': gravel 0.5' – 1': shale fragments 1' – 4': grey, moist silty clay w/ shale fragments 4' – 9': brown silty clay; moist to wet at 5' 9'- 15': grey, moist silty clay w/ gravel 15': refusal	0-4':0 ppm 4 -8': 0 ppm 8-12': 0 ppm 12-15': 0 ppm	498.74

3 Survey measurement relative to arbitrary vertical datum

3.2 Soil Analytical Results

Table 1 presents a summary of the detected VOCs and associated concentrations for each of the six sub-slab sample locations. For comparative purposes Table 1 includes Soil Cleanup Objectives (SCOs) for commercial use as well as Protection of Groundwater SCOs per 6 NYCRR Part 375-6. Appendix C contains a copy of the laboratory analytical data package.

As indicated on Table 1, the analytical data results indicate one cVOC, tetrachloroethene (PCE), was detected above its protection of groundwater SCO in soil borings SB-5 and SB-6.

3.2 Vapor Monitoring Analytical Results

Table 2 presents results of the indoor, subslab and outdoor air sampling relative to the seven VOCs currently addressed under NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006). The data are screened against decision matrices contained in the NYSDOH guidance (Tables 3 and 4), with the resultant recommended action presented on Table 2. As indicated, all detections were characterized as requiring no further action (NFA) with the exception of carbon tetrachloride (recommended additional monitoring per NYSDOH matrices) and PCE, which slightly exceeded the NFA criteria and is categorized as "IR" (identify sources and reduce exposures). It is important to note that carbon tetrachloride was detected in the outdoor air sample at a similar concentration as the indoor air, suggesting some potential bias from background conditions.

3.3 Groundwater Analytical Results

Groundwater sample results are summarized on Table 5 with comparison to Class GA Groundwater Quality Standards and Guidance Values (GWQSGVs) per NYSDEC T.O.G.S 1.1.1. A copy of the complete laboratory analytical data package is included in Appendix C.

As indicated on Table 5, no VOCs were detected above their respective GWQSGVs in temporary wells TPMW-8 through TPMW-10. At TPMW-7 cis-1,2-dichloroethene and, to a lesser extent, vinyl chloride were detected at concentrations above the standards. Contaminant concentrations were highest at TPMW-11, where benzene, cis-1,2-dichloroethene, tetrachloroethene, trichloroethene and vinyl chloride were detected above the GWQSGVs.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of the supplemental Phase II investigation at the Site, TurnKey offers the following recommendations:

- The impacted soils identified within the building should be remediated to mitigate contributions to sub-slab vapor intrusion and/or further degradation of groundwater quality and minimize health and environmental risk if exposed during building renovation work or demolition.
- In-situ groundwater treatment should be performed in the area east of the former drycleaner to break down the remaining contaminants in the saturated zone.
- A subslab depressurization system should be designed, installed and operated within the building to protect current and future occupants from potential subslab vapor intrusion.

5.0 LIMITATIONS

This report has been prepared for the exclusive use of 3021-3041 Orchard Park Road, LLC. The contents of this report are limited to information available at the time of the site investigation activities and to data referenced herein, and assume all referenced historic information sources to be true and accurate. The findings herein may be relied upon only at the discretion of 3021-3041 Orchard Park Road, LLC. Use of or reliance on this report or its findings by any other person or entity is prohibited without written permission of TurnKey Environmental Restoration, LLC.

TABLES

TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS

3021 - 3041 Orchard Park Road
Orchard Park, New York

Parameter	Sample Location (Date)						Commercial Soil Cleanup Objectives [1]	Soil Cleanup Objectives for the Protection of Groundwater [1]
	SB-1 (5/20/2014)	SB-2 (5/20/2014)	SB-3 (5/20/2014)	SB-4 (5/20/2014)	SB-5 (5/20/2014)	SB-6 (5/20/2014)		
TCL Volatile Organic Compounds (VOCs) - ug/kg [2]								
Cyclohexane	ND	ND	ND	**13 J**	ND	**4.8 J**	--	--
cis-1,2-Dichloroethene	**0.55 J**	**0.93 J**	ND	**4.6**	**0.92 J**	**28**	500,000	330
trans-1,2-Dichloroethene	ND	**0.56 J**	ND	ND	ND	**2.6 J**	500,000	330
Isopropylbenzene	ND	ND	ND	**0.64 J**	ND	ND	--	--
Methylene Chloride	ND	**2.5 J**	**3 J**	**2.4 J**	**5.7 J**	**7.3 J**	500,000	50
Methylcyclohexane	ND	ND	ND	**53**	ND	**29**	--	--
Trichloroethene	**14**	**8.2**	**0.91 J**	**6.5**	**16**	**140**	200,000	470
Tetrachloroethene	**700**	**150**	**13**	**59**	**2000**	**9900**	150,000	1,300
m/p- Xylene	ND	ND	ND	**0.72 J**	ND	ND	500,000	1,600
o-Xylene	ND	ND	ND	**0.33 J**	ND	ND	500,000	1,600
1,2,3-Trichlorobenzene	**0.4 J**	ND	ND	ND	ND	ND	--	--
Toluene	**0.32 J**	**0.35 J**	**0.36 J**	ND	**0.64 J**	**0.8 J**	500,000	700

Notes:
1. Restricted-commercial soil cleanup objectives (SCOs) per 6 NYCRR Part 375.
2. Only those compounds detected above the laboratory reporting limit are presented in this table.
3. -- = indicates no SCO available
4. J = indicates an estimated value.
5. ND= not detected above laboratory detection limits.
6. Shaded yellow indicates exceedance of Protection of Groundwater SCOs

TABLE 2

COMPARISON OF INDOOR AIR MONITORING RESULTS TO NYSDOH MATRICES

3021 - 3041 Orchard Park Road
Orchard Park, New York

Sample Location	Trichloroethene (TCE)		Carbon Tetrachloride		Vinyl Chloride		Tetrachloroethene (PCE)		1,1-Dichloroethene		cis-1,2-Dichloroethene		1,1,1 -Trichloroethane	
	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix 1	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix 1	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix 2	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix 2	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix 2	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix 2	Lab Reported Concentration (ug/m^3)	Soil Vapor / Indoor Air Matrix 2
Subslab	ND		16.6		ND		3.93		ND		ND		ND	
Indoor	ND	NFA	0.340	**Monitor**	ND	NFA	3.19	**I,R**	ND	NFA	ND	NFA	ND	NFA
Outdoor	ND		0.327		ND		0.258		ND		ND		ND	

Notes:

"ND" = Not Detected
"NFA" = No further action.
"I, R" = Take reasonable and practical actions to identify source(s) and reduce exposures.
"Monitor" = Monitor soil vapor / indoor air
"Mitigate" = Mitigate source of identified parameter.

TABLE 3

Soil Vapor/Indoor Air Matrix 1
Carbon Tetrachloride, Trichloroethene (TCE) & Vinyl Chloride
(October 2006/June 2007)

3021 - 3041 Orchard Park Road
Orchard Park, New York

SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m^3)	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m^3)			
	< 0.25	0.25 to < 1	1 to < 5.0	5.0 and above
< 5	1. No further action	2. Take reasonable and practical actions to identify source(s) and reduce exposures	3. Take reasonable and practical actions to identify source(s) and reduce exposures	4. Take reasonable and practical actions to identify source(s) and reduce exposures
5 to < 50	5. No further action	6. MONITOR	7. MONITOR	8. MITIGATE
50 to < 250	9. MONITOR	10. MONITOR/MITIGATE	11. MITIGATE	12. MITIGATE
250 and above	13. MITIGATE	14. MITIGATE	15. MITIGATE	16. MITIGATE

TABLE 4

Soil Vapor/Indoor Air Matrix 2
Tetrachloroethene (PCE), 1,1,1,-Trichloroethane (1,1,1-TCA)
cis-1,2-dichloroethene (cis-1,2, DCE), 1,1-Dichloroethene (1,1, DCE)
(October 2006/June 2007)

3021 - 3041 Orchard Park Road
Orchard Park, New York

SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m^3)	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m^3)			
	< 3	3 to < 30	30 to < 100	100 and above
< 100	1. No further action	2. Take reasonable and practical actions to identify source(s) and reduce exposures	3. Take reasonable and practical actions to identify source(s) and reduce exposures	4. Take reasonable and practical actions to identify source(s) and reduce exposures
100 to < 1,000	5. MONITOR	6. MONITOR/MITIGATE	7. MITIGATE	8. MITIGATE
1,000 and above	9. MITIGATE	10. MITIGATE	11. MITIGATE	12. MITIGATE

TABLE 5

SUMMARY GROUNDWATER ANALYTICAL DATA

3021-3041 Orchard Park Road
Orchard Park, New York

PARAMETER[1]	GWQS[2]	TPMW-7	TPMW-8	TPMW-9	TPMW-10	TPMW-11
		05/22/14	05/22/14	05/22/14	05/22/14	05/22/14
Volatile Organic Compounds (VOCs) - (ug/L)						
1,1-Dichloroethene	**5**	ND	ND	ND	ND	0.24 J
Acetone	**50**	3 J	4.2 J	7.6	13	7
Benzene	**1**	ND	0.16 J	ND	ND	**1.2**
Cyclohexane	**--**	0.35 J	0.54 J	4.3 J	1.3 J	3.8 J
cis-1,2-Dichloroethene	**5**	**30**	ND	ND	ND	**87**
Methyl Cyclohexane	**--**	0.65 J	0.74 J	10	1.3 J	8.2 J
Methyl tert butyl ether (MTBE)	**--**	ND	ND	ND	1.9 J	ND
Tetrachloroethene	**5**	2	ND	ND	ND	**15**
trans-1,2-Dichloroethene	**5**	1.8 J	ND	ND	ND	1.2 J
Trichloroethene	**5**	2	ND	ND	ND	**11**
Vinyl chloride	**2**	**2.7**	ND	ND	ND	**11**
m/p Xylene	**5**	ND	ND	1 J	ND	ND

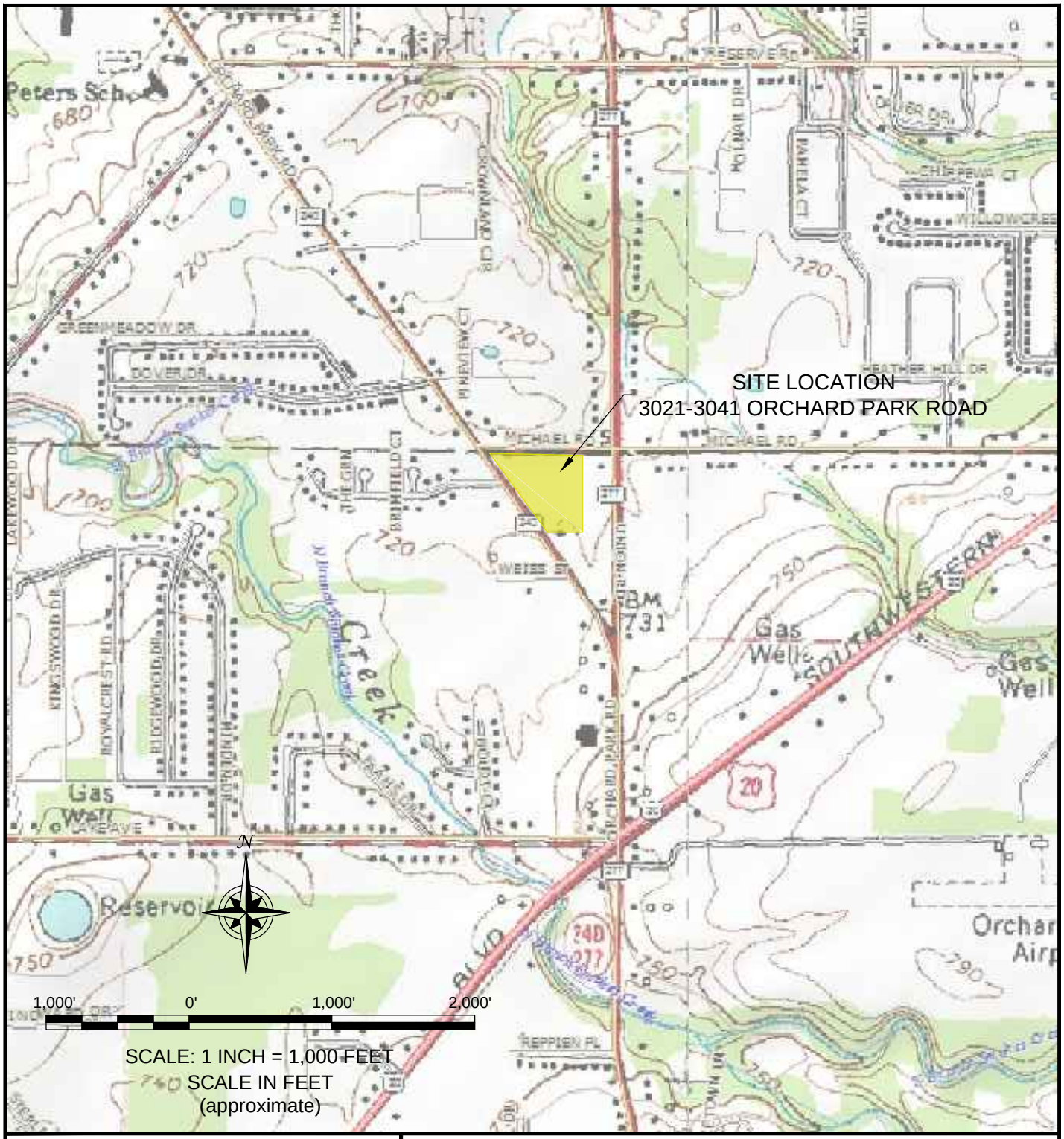
Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC Division of Water Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations - Class GA (TOGS 1.1.1)
3. J = Estimated value.

FIGURES

F:\CAD\TurnKey\3021-3041 Orchard Park Road\Figure 1; Site Location and Vicinity.dwg

FIGURE 1



TurnKey Environmental Restoration, LLC
2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0635

PROJECT NO.: 0304-014-001

DATE: MAY 30, 2014

DRAFTED BY: JCT

SITE LOCATION AND VICINITY MAP

SUPPLEMENTAL PHASE II INVESTIGATION

ORCHARD PARK PLAZA SITE
3021-3041 ORCHARD PARK ROAD
ORCHARD PARK, NEW YORK

PREPARED FOR

3021-3041 ORCHARD PARK RD, LLC

DISCLAIMER:
PROPERTY OF TURNKEY ENVIRONMENTAL RESTORATION, LLC. IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. INFORMATION CONTAINED HEREON IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN NECESSARY SUBCONTRACTORS & SUPPLIERS WITHOUT THE WRITTEN CONSENT OF TURNKEY ENVIRONMENTAL RESTORATION, LLC.

LEGEND:

- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- SB-1 ● SOIL BORING LOCATION
- BH-10 ● BORE HOLE LOCATION
- BH-1 ● BORE HOLE LOCATION (LCS INVESTIGATION)
- TPMW-7 ● TEMPORARY MONITORING WELL LOCATION
- TPMW1 ● TEMPORARY MONITORING WELL LOCATION (LCS INVESTIGATION)
- SUB-1 VAPOR SAMPLE LOCATION

30' 0' 30' 60'

SCALE: 1 INCH = 30 FEET
SCALE IN FEET
(approximate)

APPROXIMATE LOCATION OF INTERIOR WALLS BETWEEN UNITS (TYP.)

(# 3035)

(# 3037)

(# 3039)

SB-1
SB-2
SB-3
SB-4
SB-5
SB-6
BH-10 TPMW-7
BH-11 TPMW-8
BH-12 TPMW-9
BH-13 TPMW-10
BH-14 TPMW-11
BH1 TPMW1
BH2
BH3 TPMW2
BH4 TPMW3
BH5
BH6 TPMW4
BH7 TPMW5
BH8 TPMW6
BH9

INDOOR AIR
SUBSLAB VAPOR
OUTDOOR AIR

DATE: MAY 30, 2014
DRAFTED BY: JCT

2556 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0635

JOB NO.: 0304-014-001

AIR MONITORING & SOIL BORING LOCATIONS

SUPPLEMENTAL PHASE II INVESTIGATION

ORCHARD PARK PLAZA SITE
3021-3041 ORCHARD PARK ROAD
ORCHARD PARK, NEW YORK

PREPARED FOR

3021-3041 ORCHARD PARK ROAD, LLC

FIGURE 2

DISCLAIMER:
PROPERTY OF TURNKEY ENVIRONMENTAL RESTORATION, LLC. IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. INFORMATION CONTAINED HEREON IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN NECESSARY SUBCONTRACTORS & SUPPLIERS WITHOUT THE WRITTEN CONSENT OF TURNKEY ENVIRONMENTAL RESTORATION, LLC.

APPENDIX A

PREVIOUS INVESTIGATION REPORT (PROVIDED ELECTRONICALLY)

LCS INC.
Environmental and Real Estate Consultants

Limited and Focused Subsurface Soil and Groundwater Investigation Report for the Property Identified as:

Commercial Plaza
3021-3041 Orchard Park Road
Orchard Park, New York

LCS PROJECT # 13B4431.22

MAY 14, 2014

Lender Consulting Services, Inc.
Corporate Headquarters
Waterfront Village
40 La Riviere Drive Suite 120
Buffalo, New York 14202

Tel: 800.474.6802
716.845.6145
Fax: 716.845.6164
www.lenderconsulting.com

May 14, 2014

Mr. Michael Thomas
Northwest Savings Bank
3150 Sheridan Drive
Amherst, New York 14226

Re: Limited and Focused Subsurface Soil and Groundwater Investigation
Commercial Plaza
3021-3041 Orchard Park Road
Orchard Park, New York
LCS Project No. 13B4431.22

Dear Mr. Thomas:

Background
At your request, Lender Consulting Services, Inc. (LCS) performed a limited and focused subsurface soil and groundwater investigation at the property identified as multi-unit retail store, located at 3021-3041 Orchard Park Road, Orchard Park, New York (See Figure 1). The subject property measures approximately 5.44 acres and is occupied by several commercial tenants. The subject property is located in a moderately developed commercial and residential area. The topography of the site is generally level at grade.

This investigation was recommended based on the information gathered by LCS during an All Appropriate Inquiries Phase I Environmental Site Assessment Report for the above-referenced property, dated October 10, 2013. Through that report, the following recognized environmental condition was identified warranting intrusive study at that time.

- According to historic city directories and regulatory listings, the subject property was utilized for dry cleaning from at least 1979 through 2008. The historic dry cleaning tenants were addressed at 3035 and 3039 Orchard Park Road.

Introduction
The purpose of this study was to better assess the environmental quality of on-site soils and groundwater in accessible locations of the subject property due to the environmental concern identified above. Soil samples were collected for stratigraphic characterization and field monitoring. Temporary groundwater monitoring wells (TPMWs) were installed within select test borings where groundwater was encountered. Select soil and groundwater samples were submitted for laboratory analysis to supplement field observations. The temporary wells were removed following sampling.

The following is a summary of the methods and results of the investigation.

Methods of Investigation

Soil

Soil samples were collected on May 7, 2014, with a truck-mounted percussion and hydraulically driven drive system equipped with an approximate 2-inch diameter, approximate 60-inch long macro-core sampler. Soil samples were collected within each borehole continuously from the ground surface to a depth of between approximately 16 and 18.5 feet below the ground surface (ft. bgs). Any downhole equipment was decontaminated with an Alconox and tap water wash and tap water rinse between boreholes. The cutting shoes were decontaminated in a similar manner between collection of each sample.

The physical characteristics of all soil samples were classified using the Unified Soil Classification System (USCS) (Visual-Manual Method). Upon collection, the liner containing the sample was opened slightly at several locations and total volatile organic compound (VOC) concentrations in air within the sample were recorded using a photoionization detector (PID) calibrated in accordance with manufacturer's specifications. (The PID is designed to detect VOCs, such as those associated with petroleum and some solvents.) The results of this screening are included in the attached boring logs. Based on the field observations and/or PID measurements, soils were selected for analysis (see below).

Groundwater

Temporary groundwater monitoring wells TPMW1 through TPMW6 were installed within boreholes BH1, BH3, BH4, BH6 through BH8. Generally, the bottoms of the wells were set to approximately 16 to 18 ft. bgs. Each of the wells was constructed with one-inch diameter PVC screen and riser with a silica filter pack placed around the well screen. A bentonite seal was placed above the sand and the wells were covered with plastic caps, to prevent surface water from entering the wells. Refer to the attached subsurface logs/well construction details for well specific well construction details.

The groundwater samples from the temporary groundwater monitoring wells were collected on May 7, 2014 and May 8, 2014. Prior to sample collection, each well was developed by removing three to five well volumes from the well. New disposable dedicated PVC bailers were used for well development and sample collection activities.

Sample Analysis

Following labeling of the laboratory-supplied sample containers, selected samples were placed on ice. The samples were then submitted, under standard chain-of-custody, to a National Environmental Laboratory Accreditation Council (NELAC) approved laboratory for analysis in accordance with the United States Environmental Protection Agency (USEPA) SW-846 Methods as summarized below. The analytical methods were chosen based on LCS' experience with sites of similar use.

The following table summarizes the specific analytical testing performed and their respective sample locations.

Sample Location	Analytical Testing Performed	Recognized Environmental Condition
Soil		
BH1 (~0.8-4 ft. bgs)	TCL VOCs	Historic on-site dry cleaning operations
BH3 (~6-8 ft. bgs)		
BH4 (~12-14 ft. bgs)		
BH6 (~2-4 ft. bgs)		
BH7 (~0.5-2 ft. bgs)		
BH8 (0.5-2 ft. bgs)		
Groundwater		
TPMW1	TCL VOCs	Historic on-site dry cleaning operations
TPMW2		
TPMW3		
TPMW4		
TPMW5		
TPMW6		

BH = Borehole
TPMW = Temporary groundwater monitoring well
ft. bgs = feet below ground surface
TCL VOCs = Target Compound List volatile organic compounds via USEPA Test Method 8260

Results of Field Investigation

Subsurface Investigation

Nine boreholes (BH1 through BH9) were completed in accessible areas of the subject property proximate to the environmental concerns. (See Figure 2.) A total of 63 soil samples were collected for geologic description. Fill material consisting of asphalt was encountered within all test borings to a depth of approximately 0.5 ft. bgs. Generally, the fill materials were underlain by native soils consisting of varying mixtures of silt, clay, sand, and gravel to the bottom of the test borings. Apparent groundwater was encountered within BH1, and BH3 through BH8 between approximately 5 and 13 ft. bgs. No apparent groundwater was encountered in BH2 and BH9.

PID measurements were above total ambient air background VOC measurements (i.e., 0.0 parts per million, ppm) in 53 of the 63 soil samples collected. These elevated concentrations ranged from 0.1 parts per million (ppm) to 70 ppm (BH8, ~0-2 ft. bgs). Suspect solvent-type odors were detected in the soil samples collected from BH1 (~0-4 ft bgs), BH6 (~0-4 ft bgs), and BH7 (~0-2 ft bgs). No solvent-type staining was observed in the soil samples collected.

Refer to the attached subsurface logs for soil classification for each sample interval, field observations and PID measurements.

Investigation Analytical Results

The soil and groundwater samples collected and analyzed detected the following analytes. The respective concentrations as well as commonly applied regulatory guidance values are also listed for comparison. Analytes not detected are not shown.

SOIL TESTING RESULTS
VOCs by USEPA SW-846 Method 8260

Sample ID	BH1	BH3	BH4	BH6	BH7	BH8	Part 375 (Unrestricted) Soil Cleanup Objectives	Part 375 (Commercial) Soil Cleanup Objectives
Date Sampled	5/07/14	5/07/14	5/07/14	5/07/14	5/07/2014	5/07/14		
Sample Depth	0.8-4 ft. bgs	6-8 ft. bgs	12-14 ft. bgs	2-4 ft. bgs	0.5-2 ft. bgs	0.5-2 ft. bgs		
Units	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Acetone	<290	<240	<2.7	**53.5**	<300	<2.0	50	500,000
Carbon Disulfide	<13	<11	<0.13	0.59 J	<14	0.98 J	NL	NL
Cis-1,2- Dichloroethene	215	183	<0.44	<0.44	<49	<0.32	250	500,000
Benzene	<35	<29	1.8	<0.33	<37	1.0	60	44,000
Trichloroethene	<25	169 J	<0.24	<0.24	<27	<0.17	470	200,000
Toluene	<21	<18	4.5 J	<0.20	<22	2.4 J	700	500,000
Tetrachloroethene	589	450	<0.30	<0.30	<34	<0.22	1,300	150,000
Xylene (total)	<23	<19	4.5	<0.21	<24	3.0	260*	500,000*

µg/kg = micrograms per kilogram
ft. bgs = feet below ground surface
NL = Not Listed
J = Indicates an estimated value
Part 375 Soil Cleanup Objectives = New York State Department of Environmental Conservation 6 NYCRR Part 375 Environmental Remediation Programs, December 14, 2006 (375-6.8, Soil Cleanup Objective Tables)
*= Based on the sum of the Total Xylenes.

GROUNDWATER TESTING RESULTS
VOCs by USEPA SW-846 Method 8260

Sample ID	TPMW1	TPMW2	TPMW3	TPMW4	TPMW5	TPMW6	NYSDEC Groundwater Criteria (Class GA)
Date Sampled	5/07/14	5/07/14	5/08/14	5/08/14	5/08/14	5/08/14	
Units	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Vinyl chloride	<0.58	2.4[a]	<0.58	<0.58	<0.58	<0.58	2
Trans-1,2- Dichloroethene	0.77 J	4.3[a]	<0.51	<0.51	<0.51	<0.51	5
1,1- Dichloroethene	<0.61	0.66[a] J	<0.61	<0.61	<0.61	<0.61	5
Cis-1,2- Dichloroethene	67.3	165[a]	<0.84	<0.84	<0.84	<0.84	5
Chloroform	1.7	<0.41	<0.41	<0.41	<0.41	<0.41	7
Trichloroethene	26.9	22.4[a]	<.0.47	<.0.47	<.0.47	<.0.47	5
Tetrachloroethene	71.6	15.0[a]	<0.59	<0.59	<0.59	<0.59	5
Xylene (total)	0.54 J	<0.36	<0.36	<0.36	<0.36	<0.36	5

µg/L = micrograms per liter
NL = Not Listed
[a] = The pH of the sample aliquot for the VOA analysis was >2 at the time of analysis.
J = Indicates an estimated value.
NYSDEC Groundwater Criteria (Class GA) = 6 NYCRR Part 703 (June 1998 and April 2000 Addendum)
= Analyte detected above the NYSDEC Groundwater Criteria (Class GA)

Conclusions

The purpose of this study was to assess the recognized environmental condition identified in the October 10, 2013 All Appropriate Inquiries Phase I Environmental Site Assessment Report (specifically, historic on-site dry cleaning operations). Select soil and groundwater samples were collected from the areas of the recognized environmental conditions.

Subsurface Investigation

Field Observations

Based on the field observations, PID measurements were above total ambient air background VOC measurements (i.e., 0.0 parts per million, ppm) in 53 of the 63 soil samples collected. These elevated concentrations ranged from 0.1 parts per million (ppm) to 70 ppm (BH8, ~0-2 ft. bgs). Suspect solvent-type odors were detected in the soil samples collected from BH1 (~0-4 ft bgs), BH6 (~0-4 ft bgs), and BH7 (~0-2 ft bgs). No solvent-type staining was observed in the soil samples collected. In LCS' experience, the PID measurements and field observations suggest the presence of some VOC impact proximate the areas investigated.

Laboratory Test Results

Based on the laboratory results, no analytes were detected at concentrations exceeding commonly applied regulatory criteria in the soil samples collected and submitted for laboratory analysis. However, VOC analytes [trichloroethene (TCE), tetrachloroethene (PCE), and cis-1,2-dichloroethene (1,2-DCE) in TPMW1; and TCE, PCE, 1,2-DCE, and vinyl chloride in TPMW2] were detected at concentrations above the NYSDEC Groundwater Criteria in the groundwater samples collected and submitted for laboratory analysis. No analytes were detected above the appropriate regulatory criteria in TPMW3 through TPMW4.

Recommendations

Further investigation is recommended to delineate the vertical and horizontal extent of the chemical impact, including the area beneath the subject structure. In addition, a vapor intrusion study is recommended to better determine the potential for impacts to indoor air quality. Depending upon the results of the further investigation, remediation and/or installation of a sub-slab depressurization system may be warranted.

The property owner should consult environmental legal counsel relative to reporting obligations to the New York State Department of Environmental Conservation.

Thank you for allowing LCS to service your environmental needs. If you have any questions or require additional information, please do not hesitate to call our office.

Sincerely,

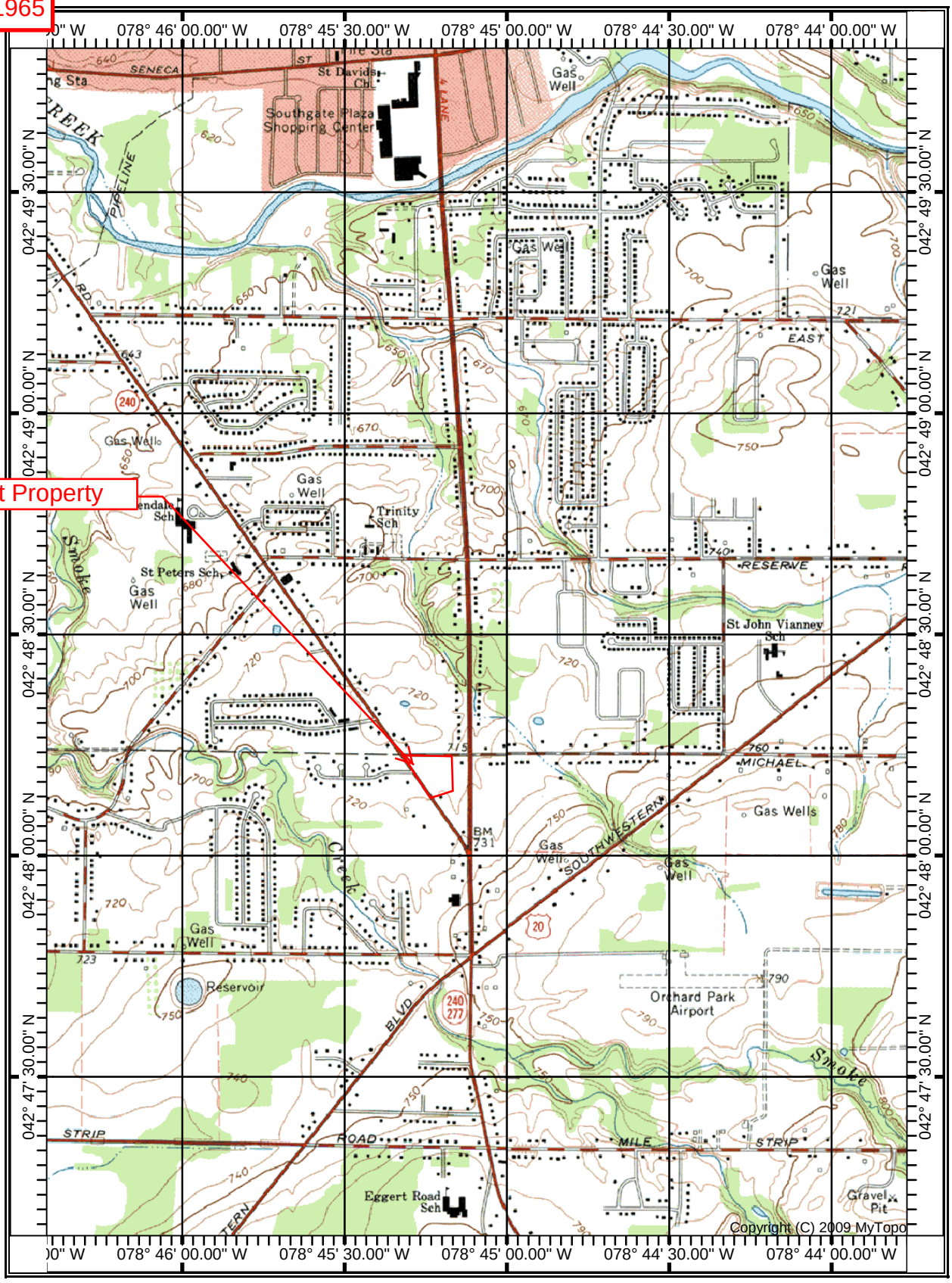
Jeffrey M. Rowley
Senior Project Manager

Reviewed by:

Douglas B. Reid
Sr. VP, Environmental Services
General Manager - WNY

SITE LOCATION MAP

Buffalo SE
Dated: 1965



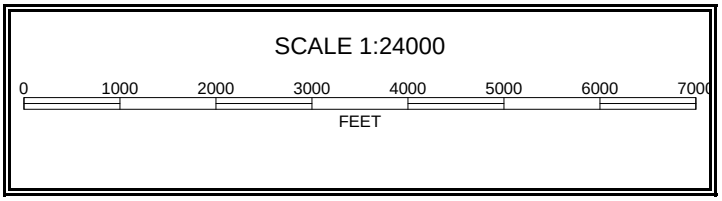


Figure 1: Site Location Map

SUBSURFACE INVESTIGATION MAP

LCS INC.

FIGURE 2 - SITE INVESTIGATION PLAN

3021-3041 ORCHARD PARK ROAD, ORCHARD PARK, NEW YORK

Drawn by: DEC

Checked by: JMR

0 20 40

Approximate Scale in Feet

LCS Project # 13B4431.22

SUBSURFACE LOGS

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH1/ TPMW1

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: ~5 ft. bgs. AFTER COMPLETION: ~2.8 ft bgs

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	51.7	0-4	U	-	-	5	0-0.5 ft: Asphalt
2	5.3	4-6	U	-	-	24	0.5-0.8 ft: Grey sandy gravel (coarse, loose, dense)
3	2.9	6-8	U	-	-	24	0.8-4 ft: Grey sandy clay (stiff, Low plasticity, moist)
4	3.1	8-10	U	-	-	10	4-12 ft: Brown gravelly clay (very stiff, low plasticity, moist to wet)
5	4.2	10-12	U	-	-	10	12 -16 ft: Brown clay with shale fragments (very stiff, low plasticity, wet)
6	1.2	12-16	U	-	-	8	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~0.8 ft. bgs

Suspect solvent odors detected at ~ 0-4 ft. bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH2

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	3.7	0-4	U	-	-	12	0-0.5 ft: Asphalt
2	0.6	4-6	U	-	-	24	0.5-1 ft: Brown sand (medium, fine, dense, moist)
3	0.4	6-8	U	-	-	24	1-1.25 ft: Shale fragments
4	0.5	8-8.4	U	-	-	10	1.25-8 ft: Brown silty clay (low plasticity, soft, moist)
							8-8.4 ft: Brown silty clay with shale fragments (low plasticity, soft, moist)
							Equipment refusal at 8.4 ft. bgs

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~1 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH3/TPMW2

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: ~5 ft. bgs. AFTER COMPLETION: ~5.02 ft bgs

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.7	0-4	U	-	-	5	0-0.5 ft: Asphalt
2	0.9	4-6	U	-	-	20	0.5-1 ft: Brown sand (medium, fine, dense, moist)
3	3.0	6-8	U	-	-	20	1-2 ft: Shale fragments
4	0.5	8-10	U	-	-	20	2-12 ft: Brown silty clay (low plasticity, soft, moist)
5	0.2	10-12	U	-	-	20	12-18.5 ft: Brown silty clay with shale fragments (low plasticity, soft, moist to wet)
6	0.2	12-14	U	-	-	16	
							Equipment refusal at 18.5
7	0.4	14-16	U	-	-	16	
8	0.0	16-18.5	U	-	-	10	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~0.5 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH4/TPMW3

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: ~13 ft bgs AFTER COMPLETION: ~4.5 ft bgs

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	-	0-4	U	-	-	0	0-4 Asphalt (no soil recovered)
2	0.0	4-6	U	-	-	0	4-8 ft: Brown silty clay (low plasticity, soft, moist)
3	0.3	6-8	U	-	-	12	8-18.4 ft: Brown silty clay with shale fragments (low plasticity, soft, moist to wet)
4	0.0	8-10	U	-	-	12	
							Equipment Refusal at ~18.4 ft. bgs
5	0.1	10-12	U	-	-	12	
6	0.8	12-14	U	-	-	12	
7	0.3	14-16	U	-	-	10	
8	0.0	16-18.4	U	-	-	10	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~0.5 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH5

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: ~6 ft. bgs. AFTER COMPLETION: NA

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.3	0-2	U	-	-	9	0-0.5 ft: Asphalt
2	0.4	2-4	U	-	-	8	0.5-1 ft: Brown sand (medium, fine, dense, moist)
3	0.4	4-6	U	-	-	12	1-1.25 ft: Shale fragments
4	0.7	6-8	U	-	-	12	1.25-6 ft: Brown silty clay (low plasticity, soft, moist)
5	0.0	8-10	U	-	-	12	6-16 ft: Brown Silty clay with shale fragments (low plasticity, soft, moist to wet)
6	0.0	10-12	U	-	-	12	
7	0.6	12-14	U	-	-	10	
8	1.8	14-16	U	-	-	10	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~ 0.5 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH6/TPMW4

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: ~6 ft. bgs. AFTER COMPLETION: ~3.0 ft bgs

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	59	0-2	U	-	-	9	0-0.5 ft: Asphalt
2	40	2-4	U	-	-	9	0.5-1 ft: Brown sand (medium, fine, dense, moist)
3	3.0	4-6	U	-	-	12	1-1.25 ft: Shale fragments
4	1.4	6-8	U	-	-	12	1.25-6 ft: Brown silty clay (low plasticity, soft, moist)
5	0.4	8-10	U	-	-	11	6-18.5 ft: Brown Silty clay with shale fragments (low plasticity, soft, wet)
6	0.1	10-12	U	-	-	11	
7	1.0	12-16	U	-	-	9	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~0.5 ft. bgs

Suspect solvent type odors detected at ~0-4 ft bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH7/TPMW5

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: ~5 ft. bgs. AFTER COMPLETION: ~3.0 ft bgs

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	1.6	0-2	U	-	-	6	0-0.6 ft. Asphalt
2	11	2-4	U	-	-	6	0.6-4 ft. Grey clay with shale fragments (stiff, low plasticity, moist)
3	4.1	4-6	U	-	-	10	4-6 ft. Grey brown sandy clay (stiff, low plasticity, wet)
4	0.7	6-8	U	-	-	10	6-16 ft. Brown clayey silt (low plasticity, wet)
5	0.0	8-10	U	-	-	12	
6	1.2	10-12	U	-	-	12	
7	2.5	12-16	U	-	-	12	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~0.6 ft. bgs

Suspect solvent type odor detected at ~0-2 ft. bgs.

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH8/TPMW6

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: ~5 ft. bgs. AFTER COMPLETION: ~3.0 ft bgs

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	70	0-2	U	-	-	12	0-0.6 ft. Asphalt
2	60	2-4	U	-	-	12	0.6-4 ft. Grey clay with shale fragments (stiff, low plasticity, moist)
3	6.0	4-6	U	-	-	12	4-6 ft. Grey brown sandy clay (stiff, low plasticity, wet)
4	3.8	6-8	U	-	-	12	6-16 ft. Brown clayey silt (low plasticity, wet)
5	4.2	8-10	U	-	-	10	
6	4.0	10-12	U	-	-	10	
7	2.0	12-16	U	-	-	8	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~0.6 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH9

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	2.0	0-2	U	-	-	24	0-4 ft. Brown gravelly silty clay (still, low plasticity, dry)
2	5.8	2-4	U	-	-	24	4-6 ft. Brown silty clay (very stiff, low plasticity, moist
3	2.3	4-6	U	-	-	24	6-14 ft. Grey silty clay (stiff, moderate plasticity, moist)
4	0.7	6-8	U	-	-	24	14-16 ft. Grey gravelly silty clay (stiff, moderate plasticity, moist)
5	0.0	8-10	U	-	-	10	
6	0.9	10-12	U	-	-	12	
7	1.4	12-14	U	-	-	12	
8	1.0	14-16	U	-	-	12	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~0 ft. bgs

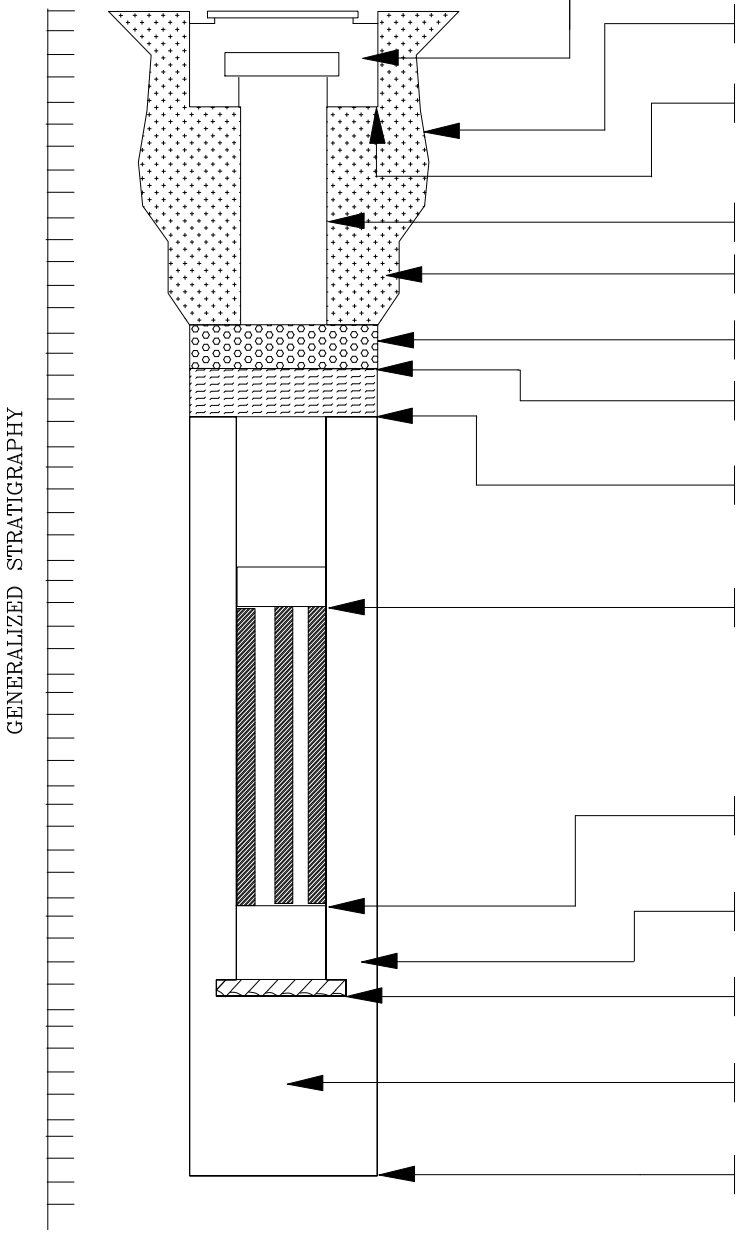
No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

WELL CONSTRUCTION DETAILS

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	3021-3041 Orchard Park Rd, Orchard Park, NY	PROJECT No.	14B4431.22
CLIENT:	Northwest Savings Bank	WELL No.	TPMW1
DATE COMPLETED:	5/7/14	SUPERVISED BY:	DEC



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 0.0 ft. bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 0.5 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 4.9 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 14.9 ft. bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 16.0 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 15.0 ft. bgs

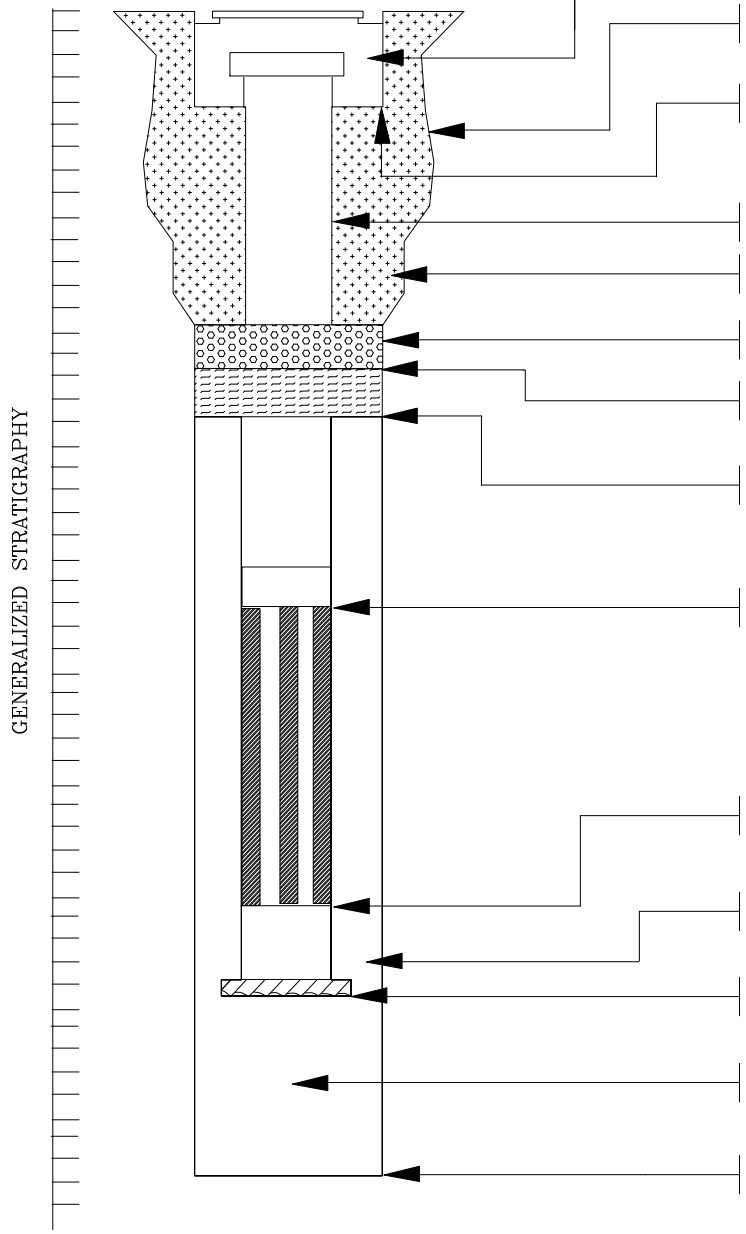
TYPE OF FILLER
BELOW PLUGGED BLANK: #00N silica sand

BOTTOM OF BOREHOLE
Elevation/Depth: 16.0 ft. bgs

NOTES

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	3021-3041 Orchard Park Rd, Orchard Park, NY	PROJECT No.	14B4431.22
CLIENT:	Northwest Savings Bank	WELL No.	TPMW1
DATE COMPLETED:	5/7/14	SUPERVISED BY:	DEC



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 0.0 ft. bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 0.5 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 5.9 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 15.9 ft. bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 18.2 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 16.0 ft. bgs

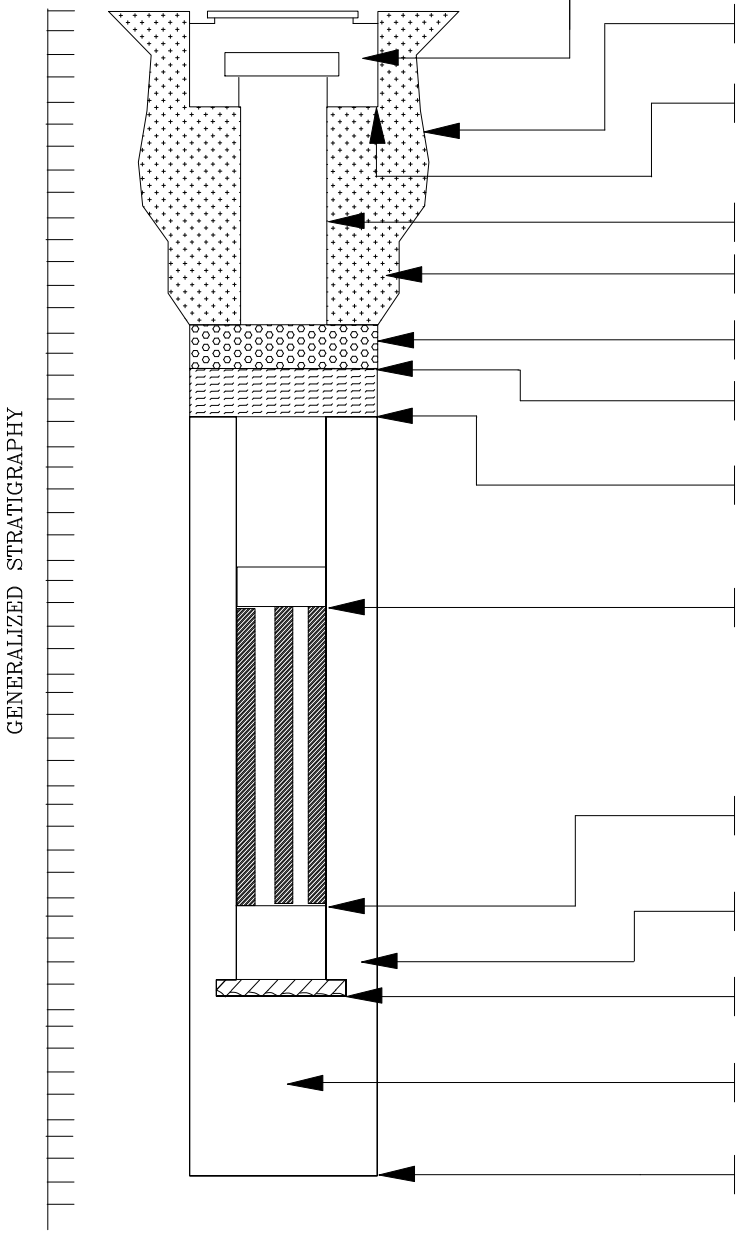
TYPE OF FILLER
BELOW PLUGGED BLANK: #00N silica sand

BOTTOM OF BOREHOLE
Elevation/Depth: 18.2 ft. bgs

NOTES

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	3021-3041 Orchard Park Rd, Orchard Park, NY	PROJECT No.	14B4431.22
CLIENT:	Northwest Savings Bank	WELL No.	TPMW2
DATE COMPLETED:	5/7/14	SUPERVISED BY:	DEC



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 0.0 ft. bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 0.5 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 4.9 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 14.9 ft. bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 16.0 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 15.0 ft. bgs

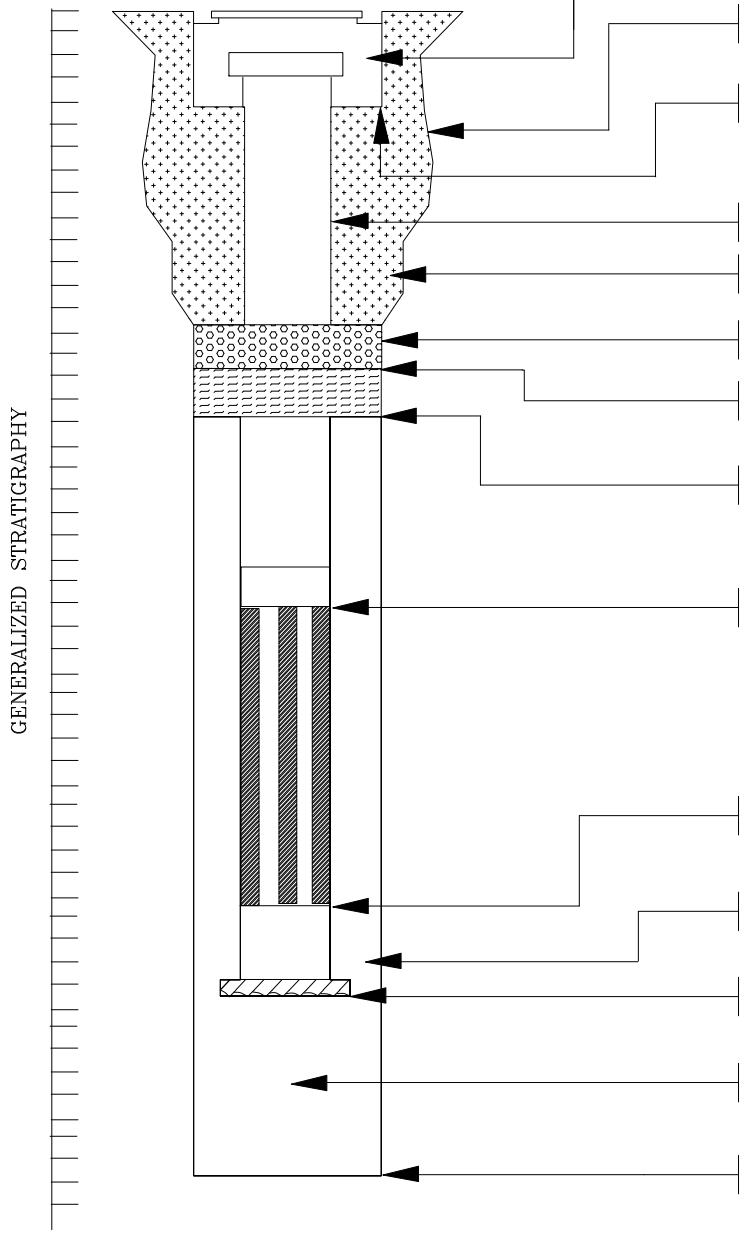
TYPE OF FILLER
BELOW PLUGGED BLANK: #00N silica sand

BOTTOM OF BOREHOLE
Elevation/Depth: 16.0 ft. bgs

NOTES

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	3021-3041 Orchard Park Rd, Orchard Park, NY	PROJECT No.	14B4431.22
CLIENT:	Northwest Savings Bank	WELL No.	TPMW3
DATE COMPLETED:	5/7/14	SUPERVISED BY:	DEC



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 0.0 ft. bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 0.5 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 7.9 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 17.9 ft. bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 18.4 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 18.0 ft. bgs

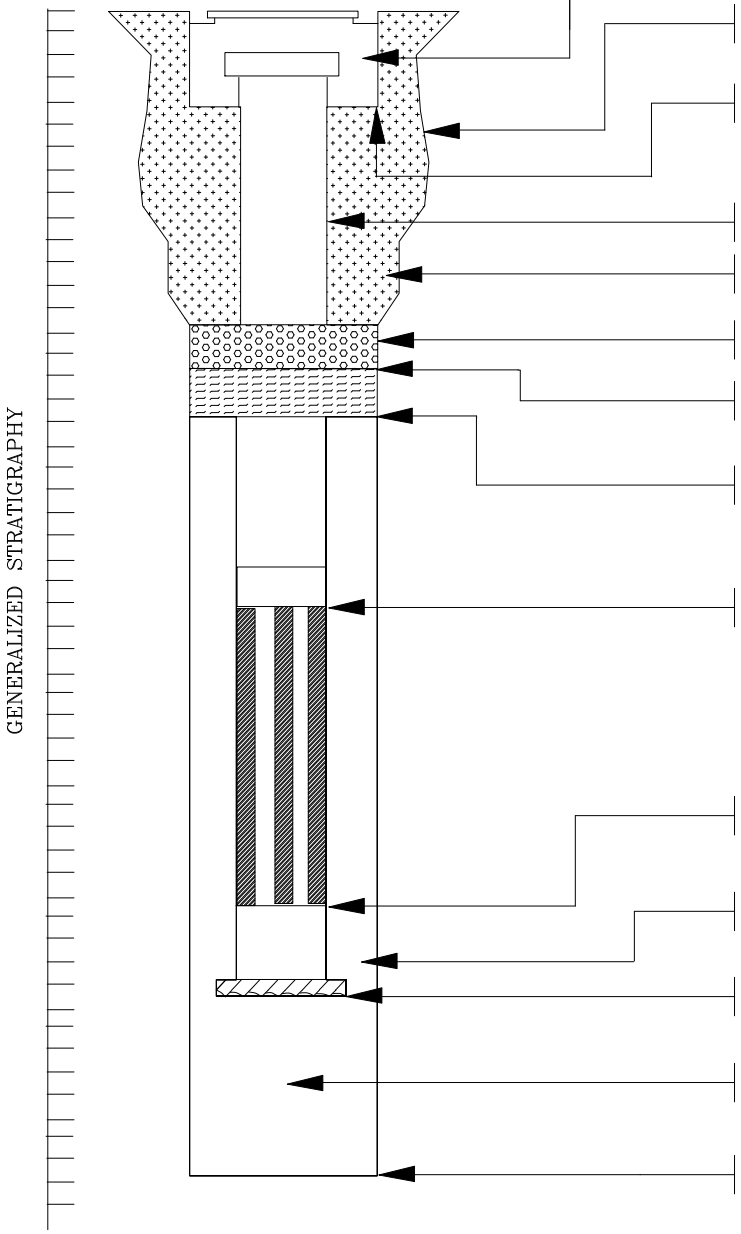
TYPE OF FILLER
BELOW PLUGGED BLANK: #00N silica sand

BOTTOM OF BOREHOLE
Elevation/Depth: 18.4 ft. bgs

NOTES

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	3021-3041 Orchard Park Rd, Orchard Park, NY	PROJECT No.	14B4431.22
CLIENT:	Northwest Savings Bank	WELL No.	TPMW4
DATE COMPLETED:	5/7/14	SUPERVISED BY:	DEC



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 0.0 ft. bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 0.5 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 4.9 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 14.9 ft. bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 18.5 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 15.0 ft. bgs

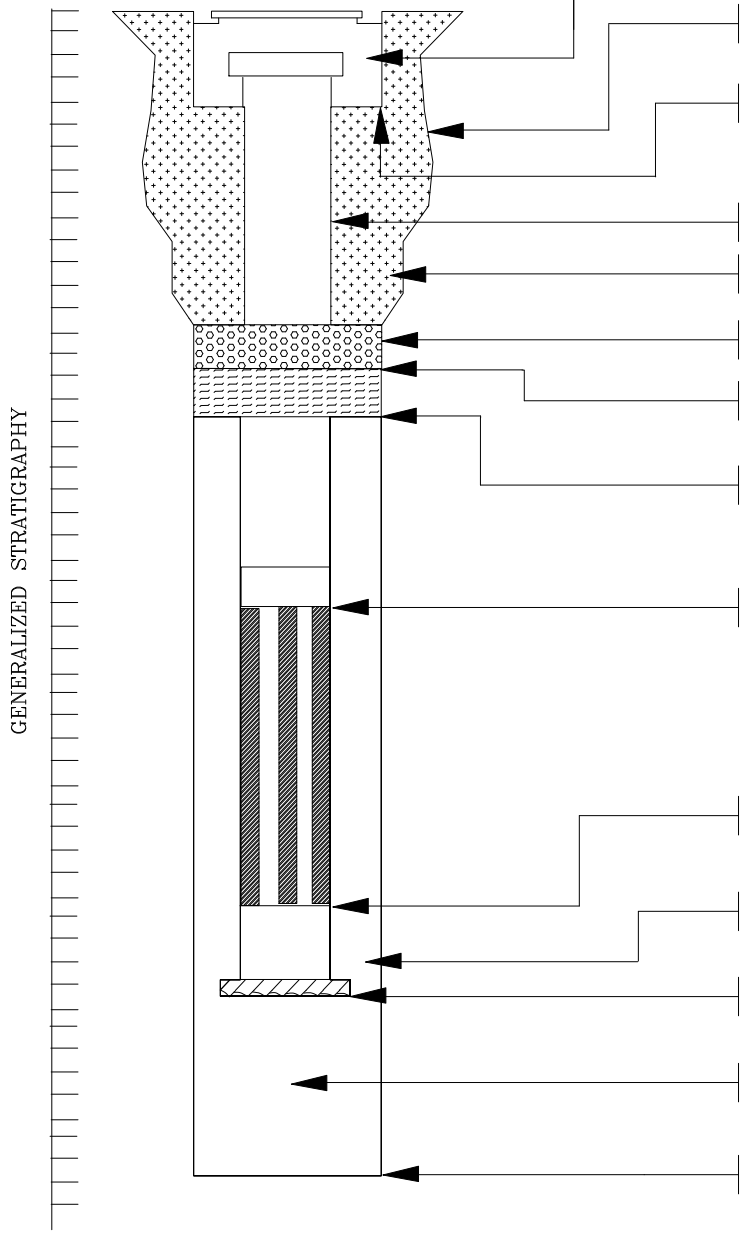
TYPE OF FILLER
BELOW PLUGGED BLANK: #00N silica sand

BOTTOM OF BOREHOLE
Elevation/Depth: 18.5 ft. bgs

NOTES

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	3021-3041 Orchard Park Rd, Orchard Park, NY	PROJECT No.	14B4431.22
CLIENT:	Northwest Savings Bank	WELL No.	TPMW5
DATE COMPLETED:	5/7/14	SUPERVISED BY:	DEC



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 0.0 ft. bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 0.5 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 4.9 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 14.9 ft. bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 16.0 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 15.0 ft. bgs

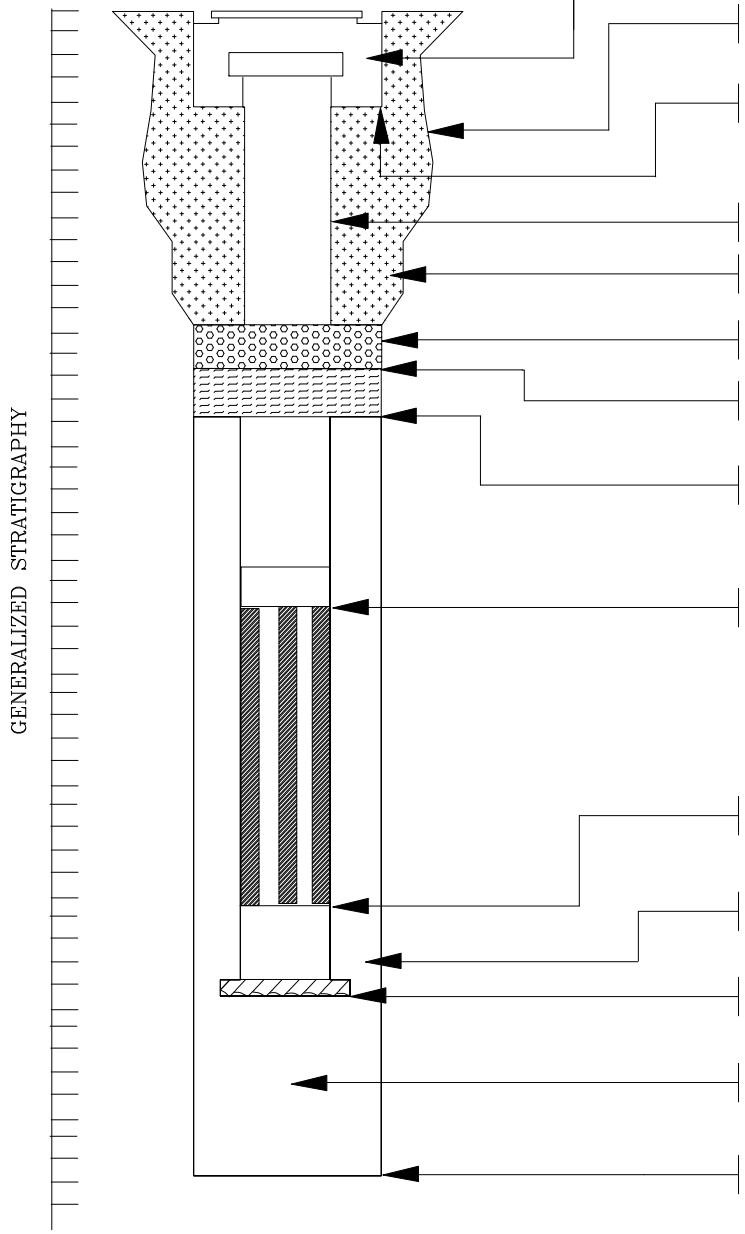
TYPE OF FILLER
BELOW PLUGGED BLANK: #00N silica sand

BOTTOM OF BOREHOLE
Elevation/Depth: 16.0 ft. bgs

NOTES

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	3021-3041 Orchard Park Rd, Orchard Park, NY	PROJECT No.	14B4431.22
CLIENT:	Northwest Savings Bank	WELL No.	TPMW6
DATE COMPLETED:	5/7/14	SUPERVISED BY:	DEC



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 0.0 ft. bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 0.5 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 4.9 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 14.9 ft. bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 16.0 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 15.0 ft. bgs

TYPE OF FILLER
BELOW PLUGGED BLANK: #00N silica sand

BOTTOM OF BOREHOLE
Elevation/Depth: 16.0 ft. bgs

NOTES

ANALYTICAL RESULTS

New England ACCUTEST LABORATORIES

05/13/14

Technical Report for

Lender Consulting Services, Inc.

Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY

13B4431.22

Accutest Job Number: MC30395

Sampling Date: 05/07/14

Report to:

Lender Consulting Services, Inc.

mpopek@lenderconsulting.com

ATTN: Maggie Popek

Total number of pages in report: **26**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) DoD ELAP (L-A-B L2235)

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Sample Summary

Lender Consulting Services, Inc.

Job No: MC30395

Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY
Project No: 13B4431.22

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC30395-1	05/07/14	09:30	JMR	05/08/14	SO	Soil	BH01 0.8-4
MC30395-2	05/07/14	12:00	JMR	05/08/14	SO	Soil	BH03 6-8
MC30395-3	05/07/14	13:00	JMR	05/08/14	SO	Soil	BH04 12-14
MC30395-4	05/07/14	14:00	JMR	05/08/14	SO	Soil	BH06 2-4
MC30395-5	05/07/14	14:30	JMR	05/08/14	SO	Soil	BH07 0.5-2
MC30395-6	05/07/14	15:00	JMR	05/08/14	SO	Soil	BH08 0.5-2
MC30395-7	05/07/14	10:55	JMR	05/08/14	AQ	Ground Water	TPMW01
MC30395-8	05/07/14	12:40	JMR	05/08/14	AQ	Ground Water	TPMW02

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: MC30395
Account: Lender Consulting Services, Inc.
Project: Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY
Collected: 05/07/14

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC30395-1	**BH01 0.8-4**					
cis-1,2-Dichloroethene		215	210	47	ug/kg	SW846 8260C
Tetrachloroethene		589	210	32	ug/kg	SW846 8260C
MC30395-2	**BH03 6-8**					
cis-1,2-Dichloroethene		183	170	39	ug/kg	SW846 8260C
Tetrachloroethene		450	170	27	ug/kg	SW846 8260C
Trichloroethene		169 J	170	21	ug/kg	SW846 8260C
MC30395-3	**BH04 12-14**					
Benzene		1.8	0.48	0.33	ug/kg	SW846 8260C
Toluene		4.5 J	4.8	0.20	ug/kg	SW846 8260C
Xylene (total)		4.5	1.9	0.21	ug/kg	SW846 8260C
MC30395-4	**BH06 2-4**					
Acetone		53.5	9.7	2.7	ug/kg	SW846 8260C
Carbon disulfide		0.59 J	4.9	0.13	ug/kg	SW846 8260C
MC30395-5	**BH07 0.5-2**					
No hits reported in this sample.						
MC30395-6	**BH08 0.5-2**					
Benzene		1.0	0.35	0.24	ug/kg	SW846 8260C
Carbon disulfide		0.98 J	3.5	0.092	ug/kg	SW846 8260C
Toluene		2.4 J	3.5	0.14	ug/kg	SW846 8260C
Xylene (total)		3.0	1.4	0.15	ug/kg	SW846 8260C
MC30395-7	**TPMW01**					
Chloroform		1.7	1.0	0.41	ug/l	SW846 8260C
cis-1,2-Dichloroethene		67.3	1.0	0.84	ug/l	SW846 8260C
trans-1,2-Dichloroethene		0.77 J	1.0	0.51	ug/l	SW846 8260C
Tetrachloroethene		71.6	1.0	0.59	ug/l	SW846 8260C
Trichloroethene		26.9	1.0	0.47	ug/l	SW846 8260C
Xylene (total)		0.54 J	1.0	0.36	ug/l	SW846 8260C
MC30395-8	**TPMW02**					
1,1-Dichloroethene [a]		0.66 J	1.0	0.61	ug/l	SW846 8260C

Summary of Hits

Job Number: MC30395
Account: Lender Consulting Services, Inc.
Project: Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY
Collected: 05/07/14

Lab Sample ID / Client Sample ID / Analyte	Result/ Qual	RL	MDL	Units	Method
cis-1,2-Dichloroethene [a]	165	1.0	0.84	ug/l	SW846 8260C
trans-1,2-Dichloroethene [a]	4.3	1.0	0.51	ug/l	SW846 8260C
Tetrachloroethene [a]	15.0	1.0	0.59	ug/l	SW846 8260C
Trichloroethene [a]	22.4	1.0	0.47	ug/l	SW846 8260C
Vinyl chloride [a]	2.4	1.0	0.58	ug/l	SW846 8260C

(a) The pH of the sample aliquot for VOA analysis was > 2 at time of analysis.

New England ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	BH01 0.8-4		
Lab Sample ID:	MC30395-1	**Date Sampled:**	05/07/14
Matrix:	SO - Soil	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	73.8
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G137448.D	1	05/09/14	GK	n/a	n/a	MSG5257
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	7.95 g	10.0 ml	100 ul
Run #2			

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	1000	290	ug/kg	
71-43-2	Benzene	ND	51	35	ug/kg	
75-27-4	Bromodichloromethane	ND	210	22	ug/kg	
75-25-2	Bromoform	ND	210	37	ug/kg	
74-83-9	Bromomethane	ND	210	62	ug/kg	
78-93-3	2-Butanone (MEK)	ND	1000	320	ug/kg	
75-15-0	Carbon disulfide	ND	510	13	ug/kg	
56-23-5	Carbon tetrachloride	ND	210	23	ug/kg	
108-90-7	Chlorobenzene	ND	210	16	ug/kg	
75-00-3	Chloroethane	ND	510	78	ug/kg	
67-66-3	Chloroform	ND	210	17	ug/kg	
74-87-3	Chloromethane	ND	510	58	ug/kg	
124-48-1	Dibromochloromethane	ND	210	33	ug/kg	
75-34-3	1,1-Dichloroethane	ND	210	27	ug/kg	
107-06-2	1,2-Dichloroethane	ND	210	33	ug/kg	
75-35-4	1,1-Dichloroethene	ND	210	43	ug/kg	
156-59-2	cis-1,2-Dichloroethene	215	210	47	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	210	43	ug/kg	
78-87-5	1,2-Dichloropropane	ND	210	43	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	210	23	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	210	27	ug/kg	
100-41-4	Ethylbenzene	ND	210	71	ug/kg	
591-78-6	2-Hexanone	ND	1000	78	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	510	56	ug/kg	
75-09-2	Methylene chloride	ND	210	55	ug/kg	
100-42-5	Styrene	ND	510	18	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	210	40	ug/kg	
127-18-4	Tetrachloroethene	589	210	32	ug/kg	
108-88-3	Toluene	ND	510	21	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	210	22	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	210	59	ug/kg	
79-01-6	Trichloroethene	ND	210	25	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH01 0.8-4		
Lab Sample ID:	MC30395-1	**Date Sampled:**	05/07/14
Matrix:	SO - Soil	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	73.8
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	210	94	ug/kg	
1330-20-7	Xylene (total)	ND	210	23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	116%		70-130%
2037-26-5	Toluene-D8	121%		70-130%
460-00-4	4-Bromofluorobenzene	114%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH03 6-8		
Lab Sample ID:	MC30395-2	**Date Sampled:**	05/07/14
Matrix:	SO - Soil	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	81.7
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G137439.D	1	05/09/14	GK	n/a	n/a	MSG5257
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	8.25 g	10.0 ml	100 ul
Run #2			

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	850	240	ug/kg	
71-43-2	Benzene	ND	43	29	ug/kg	
75-27-4	Bromodichloromethane	ND	170	18	ug/kg	
75-25-2	Bromoform	ND	170	30	ug/kg	
74-83-9	Bromomethane	ND	170	51	ug/kg	
78-93-3	2-Butanone (MEK)	ND	850	260	ug/kg	
75-15-0	Carbon disulfide	ND	430	11	ug/kg	
56-23-5	Carbon tetrachloride	ND	170	19	ug/kg	
108-90-7	Chlorobenzene	ND	170	13	ug/kg	
75-00-3	Chloroethane	ND	430	65	ug/kg	
67-66-3	Chloroform	ND	170	14	ug/kg	
74-87-3	Chloromethane	ND	430	48	ug/kg	
124-48-1	Dibromochloromethane	ND	170	28	ug/kg	
75-34-3	1,1-Dichloroethane	ND	170	23	ug/kg	
107-06-2	1,2-Dichloroethane	ND	170	27	ug/kg	
75-35-4	1,1-Dichloroethene	ND	170	35	ug/kg	
156-59-2	cis-1,2-Dichloroethene	183	170	39	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	170	36	ug/kg	
78-87-5	1,2-Dichloropropane	ND	170	36	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	170	19	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	170	22	ug/kg	
100-41-4	Ethylbenzene	ND	170	59	ug/kg	
591-78-6	2-Hexanone	ND	850	65	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	430	46	ug/kg	
75-09-2	Methylene chloride	ND	170	45	ug/kg	
100-42-5	Styrene	ND	430	15	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	170	34	ug/kg	
127-18-4	Tetrachloroethene	450	170	27	ug/kg	
108-88-3	Toluene	ND	430	18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	170	19	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	170	49	ug/kg	
79-01-6	Trichloroethene	169	170	21	ug/kg	J

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH03 6-8		
Lab Sample ID:	MC30395-2	**Date Sampled:**	05/07/14
Matrix:	SO - Soil	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	81.7
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	170	78	ug/kg	
1330-20-7	Xylene (total)	ND	170	19	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	115%		70-130%
2037-26-5	Toluene-D8	119%		70-130%
460-00-4	4-Bromofluorobenzene	109%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH04 12-14		
Lab Sample ID:	MC30395-3	**Date Sampled:**	05/07/14
Matrix:	SO - Soil	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	90.8
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M65203.D	1	05/09/14	KD	n/a	n/a	MSM2295
Run #2							

	Initial Weight	Final Volume
Run #1	5.69 g	5.0 ml
Run #2		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	9.7	2.7	ug/kg	
71-43-2	Benzene	1.8	0.48	0.33	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.20	ug/kg	
75-25-2	Bromoform	ND	1.9	0.34	ug/kg	
74-83-9	Bromomethane	ND	1.9	0.58	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.7	3.0	ug/kg	
75-15-0	Carbon disulfide	ND	4.8	0.13	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.9	0.21	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.15	ug/kg	
75-00-3	Chloroethane	ND	4.8	0.73	ug/kg	
67-66-3	Chloroform	ND	1.9	0.16	ug/kg	
74-87-3	Chloromethane	ND	4.8	0.55	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.31	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.9	0.26	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.9	0.31	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.9	0.40	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.9	0.44	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.9	0.40	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.41	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.22	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.25	ug/kg	
100-41-4	Ethylbenzene	ND	1.9	0.67	ug/kg	
591-78-6	2-Hexanone	ND	9.7	0.73	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.8	0.52	ug/kg	
75-09-2	Methylene chloride	ND	1.9	0.51	ug/kg	
100-42-5	Styrene	ND	4.8	0.16	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.38	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.30	ug/kg	
108-88-3	Toluene	4.5	4.8	0.20	ug/kg	J
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.21	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.55	ug/kg	
79-01-6	Trichloroethene	ND	1.9	0.24	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH04 12-14		
Lab Sample ID:	MC30395-3	**Date Sampled:**	05/07/14
Matrix:	SO - Soil	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	90.8
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.9	0.88	ug/kg	
1330-20-7	Xylene (total)	4.5	1.9	0.21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		70-130%
2037-26-5	Toluene-D8	90%		70-130%
460-00-4	4-Bromofluorobenzene	88%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH06 2-4		
Lab Sample ID:	MC30395-4	**Date Sampled:**	05/07/14
Matrix:	SO - Soil	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	85.4
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M65204.D	1	05/09/14	KD	n/a	n/a	MSM2295
Run #2							

	Initial Weight	Final Volume
Run #1	6.02 g	5.0 ml
Run #2		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	53.5	9.7	2.7	ug/kg	
71-43-2	Benzene	ND	0.49	0.33	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.20	ug/kg	
75-25-2	Bromoform	ND	1.9	0.35	ug/kg	
74-83-9	Bromomethane	ND	1.9	0.59	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.7	3.0	ug/kg	
75-15-0	Carbon disulfide	0.59	4.9	0.13	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.9	0.21	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.15	ug/kg	
75-00-3	Chloroethane	ND	4.9	0.74	ug/kg	
67-66-3	Chloroform	ND	1.9	0.16	ug/kg	
74-87-3	Chloromethane	ND	4.9	0.55	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.31	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.9	0.26	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.9	0.31	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.9	0.40	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.9	0.44	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.9	0.41	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.41	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.22	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.26	ug/kg	
100-41-4	Ethylbenzene	ND	1.9	0.67	ug/kg	
591-78-6	2-Hexanone	ND	9.7	0.74	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.9	0.52	ug/kg	
75-09-2	Methylene chloride	ND	1.9	0.52	ug/kg	
100-42-5	Styrene	ND	4.9	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.38	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.30	ug/kg	
108-88-3	Toluene	ND	4.9	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.21	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.56	ug/kg	
79-01-6	Trichloroethene	ND	1.9	0.24	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH06 2-4		
Lab Sample ID:	MC30395-4	**Date Sampled:**	05/07/14
Matrix:	SO - Soil	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	85.4
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.9	0.89	ug/kg	
1330-20-7	Xylene (total)	ND	1.9	0.21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		70-130%
2037-26-5	Toluene-D8	93%		70-130%
460-00-4	4-Bromofluorobenzene	79%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH07 0.5-2		
Lab Sample ID:	MC30395-5	**Date Sampled:**	05/07/14
Matrix:	SO - Soil	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	93.3
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G137440.D	1	05/09/14	GK	n/a	n/a	MSG5257
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.11 g	10.0 ml	100 ul
Run #2			

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	1100	300	ug/kg	
71-43-2	Benzene	ND	54	37	ug/kg	
75-27-4	Bromodichloromethane	ND	220	23	ug/kg	
75-25-2	Bromoform	ND	220	38	ug/kg	
74-83-9	Bromomethane	ND	220	65	ug/kg	
78-93-3	2-Butanone (MEK)	ND	1100	330	ug/kg	
75-15-0	Carbon disulfide	ND	540	14	ug/kg	
56-23-5	Carbon tetrachloride	ND	220	24	ug/kg	
108-90-7	Chlorobenzene	ND	220	17	ug/kg	
75-00-3	Chloroethane	ND	540	82	ug/kg	
67-66-3	Chloroform	ND	220	18	ug/kg	
74-87-3	Chloromethane	ND	540	61	ug/kg	
124-48-1	Dibromochloromethane	ND	220	35	ug/kg	
75-34-3	1,1-Dichloroethane	ND	220	29	ug/kg	
107-06-2	1,2-Dichloroethane	ND	220	35	ug/kg	
75-35-4	1,1-Dichloroethene	ND	220	45	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	220	49	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	220	45	ug/kg	
78-87-5	1,2-Dichloropropane	ND	220	46	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	220	25	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	220	29	ug/kg	
100-41-4	Ethylbenzene	ND	220	75	ug/kg	
591-78-6	2-Hexanone	ND	1100	82	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	540	59	ug/kg	
75-09-2	Methylene chloride	ND	220	58	ug/kg	
100-42-5	Styrene	ND	540	18	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	220	43	ug/kg	
127-18-4	Tetrachloroethene	ND	220	34	ug/kg	
108-88-3	Toluene	ND	540	22	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	220	24	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	220	62	ug/kg	
79-01-6	Trichloroethene	ND	220	27	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH07 0.5-2		
Lab Sample ID:	MC30395-5	**Date Sampled:**	05/07/14
Matrix:	SO - Soil	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	93.3
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	220	99	ug/kg	
1330-20-7	Xylene (total)	ND	220	24	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		70-130%
2037-26-5	Toluene-D8	121%		70-130%
460-00-4	4-Bromofluorobenzene	114%		70-130%

(a) Dilution required due to high concentration of non-target compound.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH08 0.5-2		
Lab Sample ID:	MC30395-6	**Date Sampled:**	05/07/14
Matrix:	SO - Soil	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	95.0
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M65217.D	1	05/10/14	KD	n/a	n/a	MSM2295
Run #2							

	Initial Weight	Final Volume
Run #1	7.51 g	5.0 ml
Run #2		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	7.0	2.0	ug/kg	
71-43-2	Benzene	1.0	0.35	0.24	ug/kg	
75-27-4	Bromodichloromethane	ND	1.4	0.15	ug/kg	
75-25-2	Bromoform	ND	1.4	0.25	ug/kg	
74-83-9	Bromomethane	ND	1.4	0.42	ug/kg	
78-93-3	2-Butanone (MEK)	ND	7.0	2.2	ug/kg	
75-15-0	Carbon disulfide	0.98	3.5	0.092	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.4	0.15	ug/kg	
108-90-7	Chlorobenzene	ND	1.4	0.11	ug/kg	
75-00-3	Chloroethane	ND	3.5	0.53	ug/kg	
67-66-3	Chloroform	ND	1.4	0.12	ug/kg	
74-87-3	Chloromethane	ND	3.5	0.40	ug/kg	
124-48-1	Dibromochloromethane	ND	1.4	0.23	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.4	0.19	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.4	0.23	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.4	0.29	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.4	0.32	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.29	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.4	0.29	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.4	0.16	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.4	0.18	ug/kg	
100-41-4	Ethylbenzene	ND	1.4	0.48	ug/kg	
591-78-6	2-Hexanone	ND	7.0	0.53	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.5	0.38	ug/kg	
75-09-2	Methylene chloride	ND	1.4	0.37	ug/kg	
100-42-5	Styrene	ND	3.5	0.12	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.4	0.28	ug/kg	
127-18-4	Tetrachloroethene	ND	1.4	0.22	ug/kg	
108-88-3	Toluene	2.4	3.5	0.14	ug/kg	J
71-55-6	1,1,1-Trichloroethane	ND	1.4	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.4	0.40	ug/kg	
79-01-6	Trichloroethene	ND	1.4	0.17	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BH08 0.5-2		
Lab Sample ID:	MC30395-6	**Date Sampled:**	05/07/14
Matrix:	SO - Soil	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	95.0
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.4	0.64	ug/kg	
1330-20-7	Xylene (total)	3.0	1.4	0.15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-130%
2037-26-5	Toluene-D8	90%		70-130%
460-00-4	4-Bromofluorobenzene	90%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW01		
Lab Sample ID:	MC30395-7	**Date Sampled:**	05/07/14
Matrix:	AQ - Ground Water	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N86958.D	1	05/09/14	KD	n/a	n/a	MSN3237
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.5	ug/l	
71-43-2	Benzene	ND	0.50	0.32	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.34	ug/l	
75-25-2	Bromoform	ND	1.0	0.61	ug/l	
74-83-9	Bromomethane	ND	2.0	1.8	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.3	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.46	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.53	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.43	ug/l	
75-00-3	Chloroethane	ND	2.0	0.53	ug/l	
67-66-3	Chloroform	1.7	1.0	0.41	ug/l	
74-87-3	Chloromethane	ND	2.0	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.38	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.36	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.61	ug/l	
156-59-2	cis-1,2-Dichloroethene	67.3	1.0	0.84	ug/l	
156-60-5	trans-1,2-Dichloroethene	0.77	1.0	0.51	ug/l	J
78-87-5	1,2-Dichloropropane	ND	2.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.42	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.6	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	0.99	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.28	ug/l	
100-42-5	Styrene	ND	5.0	0.85	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.40	ug/l	
127-18-4	Tetrachloroethene	71.6	1.0	0.59	ug/l	
108-88-3	Toluene	ND	1.0	0.33	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.46	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.45	ug/l	
79-01-6	Trichloroethene	26.9	1.0	0.47	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW01		
Lab Sample ID:	MC30395-7	**Date Sampled:**	05/07/14
Matrix:	AQ - Ground Water	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.58	ug/l	
1330-20-7	Xylene (total)	0.54	1.0	0.36	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	106%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW02		
Lab Sample ID:	MC30395-8	**Date Sampled:**	05/07/14
Matrix:	AQ - Ground Water	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	N86959.D	1	05/09/14	KD	n/a	n/a	MSN3237
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.5	ug/l	
71-43-2	Benzene	ND	0.50	0.32	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.34	ug/l	
75-25-2	Bromoform	ND	1.0	0.61	ug/l	
74-83-9	Bromomethane	ND	2.0	1.8	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.3	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.46	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.53	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.43	ug/l	
75-00-3	Chloroethane	ND	2.0	0.53	ug/l	
67-66-3	Chloroform	ND	1.0	0.41	ug/l	
74-87-3	Chloromethane	ND	2.0	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.38	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.36	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethene	0.66	1.0	0.61	ug/l	J
156-59-2	cis-1,2-Dichloroethene	165	1.0	0.84	ug/l	
156-60-5	trans-1,2-Dichloroethene	4.3	1.0	0.51	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.42	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.6	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	0.99	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.28	ug/l	
100-42-5	Styrene	ND	5.0	0.85	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.40	ug/l	
127-18-4	Tetrachloroethene	15.0	1.0	0.59	ug/l	
108-88-3	Toluene	ND	1.0	0.33	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.46	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.45	ug/l	
79-01-6	Trichloroethene	22.4	1.0	0.47	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW02		
Lab Sample ID:	MC30395-8	**Date Sampled:**	05/07/14
Matrix:	AQ - Ground Water	**Date Received:**	05/08/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	2.4	1.0	0.58	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.36	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		70-130%
2037-26-5	Toluene-D8	106%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%

(a) The pH of the sample aliquot for VOA analysis was > 2 at time of analysis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PAGE 1 OF 1

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #:
Accutest Job #: MC30395

Client / Reporting Information

Company Name: LCS
Street Address: 40 LaRiviere Dr
City: Buffalo State: NY Zip: 14207
Project Contact: Jeff Rowley E-mail:
Phone #: 716-845-6145 Fax #:
Sampler(s) Name(s): Jeff Rowley Phone #:

Project Information

Project Name: Commercial Property
Street: 3021-3041 Orchard Park
City: Orchard Park, NY
Project #: 13B4431.22
Client PO#:
Project Manager: Jeff Rowley

Billing Information (If different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

8260 TCL

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB-Equipment Blank
RB-Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfate	8260 TCL	LAB USE ONLY
-1	BH01 018-4		5/7/14	9:30	SMR	SO	4					1		1		2	X	
-2	BH03 6-8		5/7/14	12:40	SMR	SO	4					1		1		2	X	
-3	BH04 12-14		5/7/14	13:00	SMR	SO	4					1		1		2	X	
-4	BH06 2-4		5/7/14	14:00	SMR	SO	4					1		1		2	X	
-5	BH07 0.5-2		5/7/14	14:30	SMR	SO	4					1		1		2	X	
-6	BH08 0.5-2		5/7/14	15:30	SMR	SO	4					1		1		2	X	
-7	TPMW01		5/7/14	10:55	SMR	SO	3	3									X	
-8	TPMW02		5/7/14	12:40	SMR	SO	3	3									X	
																		12M4,
																		12C,

Turnaround Time (Business days)

- [ ] Std. 10 Business Days
- [ ] Std. 5 Business Days (By Contract only)
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [x] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

RUSH!

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [x] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] CT RCP
- [ ] MA MCP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		5/7/14 15:53	Deaton	FEDX	5-8-14 930	
2						
3						
4						
5						

Custody Seal # [ ] Intact [ ] Not Intact — Preserved where applicable [ ] — On Ice [x] — Cooler Temp. 2.7°C

SYRACUSE SC

MC30395: Chain of Custody
Page 1 of 3

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC30395 **Client:** LCS **Immediate Client Services Action Required:** Yes

Date / Time Received: 5/8/2014 **Delivery Method:**

Project: COMMERCIAL PROP **No. Coolers:** **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☐		☑

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☐	☑	
2. Trip Blank listed on COC:	☐	☑	
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☐		☑

Sample Integrity - Condition	Y	or	N
1. Sample rec'd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume rec'd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

-6 all sample bottles have time of 15:00, but the coc says 15:30

Accutest Laboratories
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495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

MC30395: Chain of Custody
Page 2 of 3

Sample Receipt Summary - Problem Resolution

Accutest Job Number: MC30395

CSR: Frank D'Agostino **Response Date:** 4/9/2014

Response: The correct sample time is 15:00

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

MC30395: Chain of Custody
Page 3 of 3

New England ACCUTEST LABORATORIES

05/13/14

Technical Report for

Lender Consulting Services, Inc.

Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY

13B4431.22

Accutest Job Number: MC30471

Sampling Date: 05/08/14

Report to:

Lender Consulting Services, Inc.

mpopek@lenderconsulting.com

ATTN: Maggie Popek

Total number of pages in report: **16**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) DoD ELAP (L-A-B L2235)

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Test results relate only to samples analyzed.

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Sample Summary

Lender Consulting Services, Inc.

Job No: MC30471

Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY
Project No: 13B4431.22

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC30471-1	05/08/14	11:40	DC	05/09/14	AQ	Ground Water	TPMW-06
MC30471-2	05/08/14	13:45	DC	05/09/14	AQ	Ground Water	TPMW-05
MC30471-3	05/08/14	14:45	DC	05/09/14	AQ	Ground Water	TPMW-04
MC30471-4	05/08/14	17:50	DC	05/09/14	AQ	Ground Water	TPMW-03

Summary of Hits

Job Number: MC30471
Account: Lender Consulting Services, Inc.
Project: Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY
Collected: 05/08/14

Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC30471-1	**TPMW-06**					
No hits reported in this sample.						
MC30471-2	**TPMW-05**					
No hits reported in this sample.						
MC30471-3	**TPMW-04**					
No hits reported in this sample.						
MC30471-4	**TPMW-03**					
No hits reported in this sample.						

New England ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	TPMW-06		
Lab Sample ID:	MC30471-1	**Date Sampled:**	05/08/14
Matrix:	AQ - Ground Water	**Date Received:**	05/09/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U19757.D	1	05/12/14	GK	n/a	n/a	MSU898
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.5	ug/l	
71-43-2	Benzene	ND	0.50	0.32	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.34	ug/l	
75-25-2	Bromoform	ND	1.0	0.61	ug/l	
74-83-9	Bromomethane	ND	2.0	1.8	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.3	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.46	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.53	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.43	ug/l	
75-00-3	Chloroethane	ND	2.0	0.53	ug/l	
67-66-3	Chloroform	ND	1.0	0.41	ug/l	
74-87-3	Chloromethane	ND	2.0	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.38	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.36	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.61	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.84	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.42	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.6	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	0.99	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.28	ug/l	
100-42-5	Styrene	ND	5.0	0.85	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.40	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.59	ug/l	
108-88-3	Toluene	ND	1.0	0.33	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.46	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.45	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.47	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW-06		
Lab Sample ID:	MC30471-1	**Date Sampled:**	05/08/14
Matrix:	AQ - Ground Water	**Date Received:**	05/09/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.58	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.36	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		70-130%
2037-26-5	Toluene-D8	106%		70-130%
460-00-4	4-Bromofluorobenzene	103%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW-05		
Lab Sample ID:	MC30471-2	**Date Sampled:**	05/08/14
Matrix:	AQ - Ground Water	**Date Received:**	05/09/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U19758.D	1	05/12/14	GK	n/a	n/a	MSU898
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.5	ug/l	
71-43-2	Benzene	ND	0.50	0.32	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.34	ug/l	
75-25-2	Bromoform	ND	1.0	0.61	ug/l	
74-83-9	Bromomethane	ND	2.0	1.8	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.3	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.46	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.53	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.43	ug/l	
75-00-3	Chloroethane	ND	2.0	0.53	ug/l	
67-66-3	Chloroform	ND	1.0	0.41	ug/l	
74-87-3	Chloromethane	ND	2.0	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.38	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.36	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.61	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.84	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.42	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.6	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	0.99	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.28	ug/l	
100-42-5	Styrene	ND	5.0	0.85	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.40	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.59	ug/l	
108-88-3	Toluene	ND	1.0	0.33	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.46	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.45	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.47	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW-05		
Lab Sample ID:	MC30471-2	**Date Sampled:**	05/08/14
Matrix:	AQ - Ground Water	**Date Received:**	05/09/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.58	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.36	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		70-130%
2037-26-5	Toluene-D8	120%		70-130%
460-00-4	4-Bromofluorobenzene	112%		70-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW-04		
Lab Sample ID:	MC30471-3	**Date Sampled:**	05/08/14
Matrix:	AQ - Ground Water	**Date Received:**	05/09/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	U19759.D	1	05/12/14	GK	n/a	n/a	MSU898
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.5	ug/l	
71-43-2	Benzene	ND	0.50	0.32	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.34	ug/l	
75-25-2	Bromoform	ND	1.0	0.61	ug/l	
74-83-9	Bromomethane	ND	2.0	1.8	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.3	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.46	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.53	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.43	ug/l	
75-00-3	Chloroethane	ND	2.0	0.53	ug/l	
67-66-3	Chloroform	ND	1.0	0.41	ug/l	
74-87-3	Chloromethane	ND	2.0	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.38	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.36	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.61	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.84	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.42	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.6	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	0.99	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.28	ug/l	
100-42-5	Styrene	ND	5.0	0.85	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.40	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.59	ug/l	
108-88-3	Toluene	ND	1.0	0.33	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.46	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.45	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.47	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW-04		
Lab Sample ID:	MC30471-3	**Date Sampled:**	05/08/14
Matrix:	AQ - Ground Water	**Date Received:**	05/09/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.58	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.36	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		70-130%
2037-26-5	Toluene-D8	104%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

(a) The pH of the sample aliquot for VOA analysis was > 2 at time of analysis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW-03		
Lab Sample ID:	MC30471-4	**Date Sampled:**	05/08/14
Matrix:	AQ - Ground Water	**Date Received:**	05/09/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	U19760.D	1	05/12/14	GK	n/a	n/a	MSU898
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.5	ug/l	
71-43-2	Benzene	ND	0.50	0.32	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.34	ug/l	
75-25-2	Bromoform	ND	1.0	0.61	ug/l	
74-83-9	Bromomethane	ND	2.0	1.8	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.3	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.46	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.53	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.43	ug/l	
75-00-3	Chloroethane	ND	2.0	0.53	ug/l	
67-66-3	Chloroform	ND	1.0	0.41	ug/l	
74-87-3	Chloromethane	ND	2.0	1.1	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.38	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.36	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.61	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.84	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.42	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	1.6	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	0.99	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.28	ug/l	
100-42-5	Styrene	ND	5.0	0.85	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.40	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.59	ug/l	
108-88-3	Toluene	ND	1.0	0.33	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.46	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.45	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.47	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW-03		
Lab Sample ID:	MC30471-4	**Date Sampled:**	05/08/14
Matrix:	AQ - Ground Water	**Date Received:**	05/09/14
Method:	SW846 8260C	**Percent Solids:**	n/a
Project:	Commercial Property, 3021-3041 Orchard Park, Orchard Park, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
75-01-4	Vinyl chloride	ND	1.0	0.58	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.36	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		70-130%
2037-26-5	Toluene-D8	105%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%

(a) The pH of the sample aliquot for VOA analysis was > 2 at time of analysis.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST LABORATORIES

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PAGE ___ OF ___

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest Job #: MC30471

Client / Reporting Information

Company Name: LCY
Street Address: 40 LaRivieraDrive
City: Buffalo State: NY Zip: 14202
Project Contact: JeffRowley E-mail:
Phone #: 716 445 0045 Fax #:
Sampler(s) Name(s): DCaton Phone #:

Project Information

Project Name: commercial Property
Street: 3021-3044 orchard park
City: Orchard Park State: NY
Project #: 13B4431.22
Client PO#: Jeff Rowley
Project Manager: Jeff Rowley

Billing Information (If different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

8260 TCL

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB- Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfate	LAB USE ONLY
-1	TPMW-06		5-8-14	1140	DC	GW	3	1								✓	
-2	TPMW-05		5-8-14	1345	DC	GW	3	1								✓	
-3	TPMW-04		5-8-14	1445	DC	GW	3	1								✓	
-4	TPMW-03		5-8-14	1730	DC	GW	3	1								✓	
																	3D4

Turnaround Time (Business days)

- ☐ Std. 10 Business Days
- ☐ Std. 5 Business Days (By Contract only)
- ☐ 5 Day *RUSH*
- ☐ 3 Day *EMERGENCY*
- ☒ 2 Day *EMERGENCY*
- ☐ 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

RUSH!

Data Deliverable Information

- ☐ Commercial "A" (Level 1)
- ☒ Commercial "B" (Level 2)
- ☐ FULLT1 (Level 3+4)
- ☐ CT RCP
- ☐ MA MCP
- ☐ NYASP Category A
- ☐ NYASP Category B
- ☐ State Forms
- ☐ EDD Format _____
- ☐ Other _____

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	DCaton	5-9-14 1400	DCaton			
2				RCatt	5/9/14 1520	
3		5-9-14 1500				
4						
5						

Custody Seal #: none ☐ Intact ☐ Not Intact | Preserved where applicable ☐ | On Ice ☐ | Cooler Temp: 0.1 2c

SYRACUSE SC

MC30471: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC30471 **Client:** LCS **Immediate Client Services Action Required:** No

Date / Time Received: 5/9/2014 **Delivery Method:** **Client Service Action Required at Login:** No

Project: COMMERCIAL PROPERTY **No. Coolers:** 1 **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control -Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

MC30471: Chain of Custody
Page 2 of 2

LIMITATIONS

This environmental study is limited by the scope of services contained within this report and time frames specified within the contracts for services dated May 1, 2014.

This environmental study makes no warranties nor implies any liability regarding:

1. Any impacted media located beneath the on-site structure(s).
2. Any chemical analytes not included within the analytical test methods employed during this study.
3. Any impacted media present from off-site sources not assessed.
4. Any impact at locations and depths not assessed in this study.
5. Any impact at locations where access was limited (i.e., beneath structures, etc.).
6. Vapor Intrusion.

Conclusions and/or recommendations made within the study are based on the interpretation of data collected at individual sample locations and may change if additional data is collected during future study. Conditions between sampling locations are estimated based on available data. Intrusive studies serve to reduce, but not eliminate, the potential environmental risk associated with a property. No study is considered all-inclusive or representative of the entire subject property. Such would be cost prohibitive.

APPENDIX B

WATER QUALITY FIELD COLLECTION LOGS

GROUNDWATER FIELD FORM

Project Name: 3021-3041 Orchard Park Rd Supplemental Phase II Date: 5-22-14
Location: 3021-3041 Orchard Park Rd Project No.: 0305-014-001 Field Team: pww

Well No. TPMW-7 | Diameter (inches): 1 | Sample Date / Time: 5-22-14 12:29
Product Depth (fbTOR): — | Water Column (ft): 6.20 | DTW when sampled: 5.45
DTW (static) (fbTOR): 3.64 | One Well Volume (gal): .25 | Purpose: ☐ Development ☐ Sample ☒ Purge & Sample
Total Depth (fbTOR): 9.84 | Total Volume Purged (gal): .75 | Purge Method: Low flow

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
12:10	0	Initial	.25	6.84	18.5	4175	>1000	.64	-221	Turbid brown / No odor
	1									
	2									
	3									
	4									
	5									
	6									
	7									
	8									
	9									
	10									
Sample Information:										
12:29	S1	5.45	.75	6.86	17.5	4108	368	1.51	-47	11
—	S2	—	—	—	—	—	—	—	—	—

Well No. TPMW-8 | Diameter (inches): 1" | Sample Date / Time: 5-22-14 13:25
Product Depth (fbTOR): — | Water Column (ft): 11.62 | DTW when sampled: 6.41
DTW (static) (fbTOR): 2.66 | One Well Volume (gal): .47 | Purpose: ☐ Development ☐ Sample ☒ Purge & Sample
Total Depth (fbTOR): 14.28 | Total Volume Purged (gal): 1.5 | Purge Method: Low flow / Bailer

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
13:10	0	Initial	1.10	7.05	18.5	2250	>1000	2.0	-10	Turbid brown / No odor
	1									
	2									
	3									
	4									
	5									
	6									
	7									
	8									
	9									
	10									
Sample Information:										
13:25	S1	6.41	1.5	7.0	17.4	2247	>1000	2.51	-6	11
—	S2	—	—	—	—	—	—	—	—	—

REMARKS: TPMW-8 pump issues - changed to Bailer

Note: All measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY:

TurnKey Environmental Restoration, LLC

GROUNDWATER FIELD FORM

Project Name: 3021-3041 Orchard Park Rd Supplemental Phase II Date: 5-22-14

Location: 3021-3041 Orchard Park Rd Project No.: 0305-014-001 Field Team: PWW

Well No. TPMW-9			Diameter (inches): 1"			Sample Date / Time: 5-22-14			
Product Depth (fbTOR): —			Water Column (ft): ~~13.33~~ 12.28			DTW when sampled:			
DTW (static) (fbTOR): 1.05			One Well Volume (gal): .5			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 13.33			Total Volume Purged (gal): 1.5			Purge Method: ~~Low Flow~~ Bailer			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1331	0 Initial	1.1	7.46	18.2	3049	>1000	3.0	16	Turbid brownish grey/No odor
	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
13:40	S1 7.02	1.5	7.49	16.7	3031	11	3.17	12	11
—	S2 —	—	—	—	—	—	—	—	—

Well No. TPMW-10			Diameter (inches): 1"			Sample Date / Time: 5-22-14			
Product Depth (fbTOR): —			Water Column (ft): 10.21			DTW when sampled:			
DTW (static) (fbTOR): 4.67			One Well Volume (gal): .41			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 14.88			Total Volume Purged (gal): 1.25			Purge Method: ~~Low Flow~~ Bailer			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1336	0 Initial	1.1	7.26	14.8	1878	>1000	3.40	12	Turbid brownish grey/No odor
	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
13:47	S1 8.25	1.25	7.16	13.9	1854	4	3.78	6	11
—	S2 —	—	—	—	—	—	—	—	—

REMARKS:

Note: All measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY: Paul C Wenk

GROUNDWATER FIELD FORM

Project Name: 3021-3041 Orchard Park Rd Supplemental Phase II Date: 5-22-14

Location: 3021-3041 orchard Park Rd Project No.: 0305-014-001 Field Team: PWW

Well No. TPMW-11			Diameter (inches): 4"			Sample Date / Time: 5-22-14			
Product Depth (fbTOR): —			Water Column (ft): 12.24			DTW when sampled:			
DTW (static) (fbTOR): 2.98			One Well Volume (gal): .5			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 15.22			Total Volume Purged (gal): 1.5			Purge Method: Low flow			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
13:48	0 Initial	1.1	7.59	18.8	1957	71000	2.78	-41	Turbid brown / No odor
	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
13:59	S1 3.5	1.5	7.50	18.0	1950	11	2.94	-59	11
—	S2 —	—	—	—	—	—	—	—	—

Well No.			Diameter (inches):			Sample Date / Time:			
Product Depth (fbTOR):			Water Column (ft):			DTW when sampled:			
DTW (static) (fbTOR):			One Well Volume (gal):			Purpose: ☐ Development ☐ Sample ☐ Purge & Sample			
Total Depth (fbTOR):			Total Volume Purged (gal):			Purge Method:			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
	0 Initial								
	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
	S1								
—	S2								

REMARKS:

Note: All measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY: [signature]

APPENDIX C

LABORATORY ANALYTICAL DATA SUMMARY PACKAGE

ANALYTICAL REPORT

Lab Number:	L1410959
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Mike Lesakowski
Phone:	(716) 856-0599
Project Name:	3021 ORCHARD PARK RD
Project Number:	Not Specified
Report Date:	05/22/14

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 3021 ORCHARD PARK RD
Project Number: Not Specified

Lab Number: L1410959
Report Date: 05/22/14

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1410959-01	SB-1	3021 ORCHARD PARK RD	05/20/14 16:15
L1410959-02	SB-2	3021 ORCHARD PARK RD	05/20/14 19:30
L1410959-03	SB-3	3021 ORCHARD PARK RD	05/20/14 18:30
L1410959-04	SB-4	3021 ORCHARD PARK RD	05/20/14 18:45
L1410959-05	SB-5	3021 ORCHARD PARK RD	05/20/14 20:30
L1410959-06	SB-6	3021 ORCHARD PARK RD	05/20/14 21:15

Project Name: 3021 ORCHARD PARK RD
Project Number: Not Specified

Lab Number: L1410959
Report Date: 05/22/14

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 all of the requirements of NELAC, for all NELAC accredited parameters. 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. 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. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: 3021 ORCHARD PARK RD
Project Number: Not Specified
Lab Number: L1410959
Report Date: 05/22/14

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

L1410959-01, -05, and -06: A discrepancy was observed between the results of the original analysis and the re-analysis on dilution. This was attributed to the sample matrix.

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: Lisa Westerlind

Title: Technical Director/Representative Date: 05/22/14

ORGANICS

VOLATILES

Project Name: 3021 ORCHARD PARK RD **Lab Number:** L1410959

Project Number: Not Specified **Report Date:** 05/22/14

SAMPLE RESULTS

Lab ID: L1410959-01
Client ID: SB-1
Sample Location: 3021 ORCHARD PARK RD
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/22/14 09:24
Analyst: BN
Percent Solids: 91%

Date Collected: 05/20/14 16:15
Date Received: 05/21/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	11	2.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.19	1
Chloroform	ND		ug/kg	1.6	0.40	1
Carbon tetrachloride	ND		ug/kg	1.1	0.23	1
1,2-Dichloropropane	ND		ug/kg	3.8	0.25	1
Dibromochloromethane	ND		ug/kg	1.1	0.34	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.33	1
Tetrachloroethene	430	E	ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.38	1
Trichlorofluoromethane	ND		ug/kg	5.5	0.13	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.25	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.14	1
Bromoform	ND		ug/kg	4.4	0.45	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.19	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	0.32	J	ug/kg	1.6	0.12	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	5.5	0.86	1
Bromomethane	ND		ug/kg	2.2	0.37	1
Vinyl chloride	ND		ug/kg	2.2	0.15	1
Chloroethane	ND		ug/kg	2.2	0.35	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	14		ug/kg	1.1	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	5.5	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	5.5	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	5.5	0.26	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.11	1

Project Name: 3021 ORCHARD PARK RD **Lab Number:** L1410959

Project Number: Not Specified **Report Date:** 05/22/14

SAMPLE RESULTS

Lab ID: L1410959-01 Date Collected: 05/20/14 16:15

Client ID: SB-1 Date Received: 05/21/14

Sample Location: 3021 ORCHARD PARK RD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/kg	2.2	0.35	1
o-Xylene	ND		ug/kg	2.2	0.30	1
cis-1,2-Dichloroethene	0.55	J	ug/kg	1.1	0.16	1
Styrene	ND		ug/kg	2.2	0.34	1
Dichlorodifluoromethane	ND		ug/kg	11	0.24	1
Acetone	ND		ug/kg	11	3.4	1
Carbon disulfide	ND		ug/kg	11	2.2	1
2-Butanone	ND		ug/kg	11	0.39	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.27	1
2-Hexanone	ND		ug/kg	11	0.21	1
Bromochloromethane	ND		ug/kg	5.5	0.22	1
1,2-Dibromoethane	ND		ug/kg	4.4	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	0.86	1
Isopropylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	0.40	J	ug/kg	5.5	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.5	0.86	1
Methyl Acetate	ND		ug/kg	22	0.84	1
Cyclohexane	ND		ug/kg	22	1.2	1
1,4-Dioxane	ND		ug/kg	110	19.	1
Freon-113	ND		ug/kg	22	0.30	1
Methyl cyclohexane	ND		ug/kg	4.4	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	99		70-130

Project Name: 3021 ORCHARD PARK RD **Lab Number:** L1410959

Project Number: Not Specified **Report Date:** 05/22/14

SAMPLE RESULTS

Lab ID:	L1410959-01	D	Date Collected:	05/20/14 16:15
Client ID:	SB-1		Date Received:	05/21/14
Sample Location:	3021 ORCHARD PARK RD		Field Prep:	Not Specified
Matrix:	Soil			
Analytical Method:	1,8260C			
Analytical Date:	05/22/14 10:56			
Analyst:	BN			
Percent Solids:	91%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tetrachloroethene	700		ug/kg	5.5	0.77	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	97		70-130

Project Name: 3021 ORCHARD PARK RD **Lab Number:** L1410959

Project Number: Not Specified **Report Date:** 05/22/14

SAMPLE RESULTS

Lab ID:	L1410959-02	Date Collected:	05/20/14 19:30
Client ID:	SB-2	Date Received:	05/21/14
Sample Location:	3021 ORCHARD PARK RD	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	05/22/14 09:50		
Analyst:	BN		
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	2.5	J	ug/kg	12	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.20	1
Chloroform	ND		ug/kg	1.7	0.43	1
Carbon tetrachloride	ND		ug/kg	1.2	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.0	0.26	1
Dibromochloromethane	ND		ug/kg	1.2	0.36	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.35	1
Tetrachloroethene	150		ug/kg	1.2	0.16	1
Chlorobenzene	ND		ug/kg	1.2	0.40	1
Trichlorofluoromethane	ND		ug/kg	5.8	0.14	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.17	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.26	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
Bromoform	ND		ug/kg	4.6	0.48	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.20	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	0.35	J	ug/kg	1.7	0.13	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	5.8	0.90	1
Bromomethane	ND		ug/kg	2.3	0.39	1
Vinyl chloride	ND		ug/kg	2.3	0.16	1
Chloroethane	ND		ug/kg	2.3	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.24	1
trans-1,2-Dichloroethene	0.56	J	ug/kg	1.7	0.24	1
Trichloroethene	8.2		ug/kg	1.2	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	5.8	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	5.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	5.8	0.28	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.12	1

Project Name: 3021 ORCHARD PARK RD **Lab Number:** L1410959

Project Number: Not Specified **Report Date:** 05/22/14

SAMPLE RESULTS

Lab ID: L1410959-02 Date Collected: 05/20/14 19:30

Client ID: SB-2 Date Received: 05/21/14

Sample Location: 3021 ORCHARD PARK RD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/kg	2.3	0.37	1
o-Xylene	ND		ug/kg	2.3	0.31	1
cis-1,2-Dichloroethene	0.93	J	ug/kg	1.2	0.17	1
Styrene	ND		ug/kg	2.3	0.36	1
Dichlorodifluoromethane	ND		ug/kg	12	0.25	1
Acetone	ND		ug/kg	12	3.6	1
Carbon disulfide	ND		ug/kg	12	2.3	1
2-Butanone	ND		ug/kg	12	0.41	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.28	1
2-Hexanone	ND		ug/kg	12	0.22	1
Bromochloromethane	ND		ug/kg	5.8	0.23	1
1,2-Dibromoethane	ND		ug/kg	4.6	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.8	0.91	1
Isopropylbenzene	ND		ug/kg	1.2	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.8	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.8	0.91	1
Methyl Acetate	ND		ug/kg	23	0.88	1
Cyclohexane	ND		ug/kg	23	1.2	1
1,4-Dioxane	ND		ug/kg	120	20.	1
Freon-113	ND		ug/kg	23	0.32	1
Methyl cyclohexane	ND		ug/kg	4.6	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	99		70-130

Project Name: 3021 ORCHARD PARK RD **Lab Number:** L1410959

Project Number: Not Specified **Report Date:** 05/22/14

SAMPLE RESULTS

Lab ID:	L1410959-03	Date Collected:	05/20/14 18:30
Client ID:	SB-3	Date Received:	05/21/14
Sample Location:	3021 ORCHARD PARK RD	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	05/22/14 10:16		
Analyst:	BN		
Percent Solids:	82%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	3.0	J	ug/kg	12	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.22	1
Chloroform	ND		ug/kg	1.8	0.45	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.3	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.38	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.37	1
Tetrachloroethene	13		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.1	0.15	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.18	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.28	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.16	1
Bromoform	ND		ug/kg	4.9	0.51	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.21	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	0.36	J	ug/kg	1.8	0.14	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	6.1	0.96	1
Bromomethane	ND		ug/kg	2.4	0.41	1
Vinyl chloride	ND		ug/kg	2.4	0.17	1
Chloroethane	ND		ug/kg	2.4	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Trichloroethene	0.91	J	ug/kg	1.2	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	6.1	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	6.1	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	6.1	0.30	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.13	1

Project Name: 3021 ORCHARD PARK RD **Lab Number:** L1410959

Project Number: Not Specified **Report Date:** 05/22/14

SAMPLE RESULTS

Lab ID: L1410959-03 Date Collected: 05/20/14 18:30

Client ID: SB-3 Date Received: 05/21/14

Sample Location: 3021 ORCHARD PARK RD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/kg	2.4	0.39	1
o-Xylene	ND		ug/kg	2.4	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.18	1
Styrene	ND		ug/kg	2.4	0.38	1
Dichlorodifluoromethane	ND		ug/kg	12	0.27	1
Acetone	ND		ug/kg	12	3.8	1
Carbon disulfide	ND		ug/kg	12	2.4	1
2-Butanone	ND		ug/kg	12	0.43	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
2-Hexanone	ND		ug/kg	12	0.23	1
Bromochloromethane	ND		ug/kg	6.1	0.24	1
1,2-Dibromoethane	ND		ug/kg	4.9	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.1	0.97	1
Isopropylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.1	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.1	0.97	1
Methyl Acetate	ND		ug/kg	24	0.93	1
Cyclohexane	ND		ug/kg	24	1.3	1
1,4-Dioxane	ND		ug/kg	120	21.	1
Freon-113	ND		ug/kg	24	0.33	1
Methyl cyclohexane	ND		ug/kg	4.9	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	100		70-130

Project Name: 3021 ORCHARD PARK RD **Lab Number:** L1410959

Project Number: Not Specified **Report Date:** 05/22/14

SAMPLE RESULTS

Lab ID:	L1410959-04	Date Collected:	05/20/14 18:45
Client ID:	SB-4	Date Received:	05/21/14
Sample Location:	3021 ORCHARD PARK RD	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	05/22/14 10:42		
Analyst:	BN		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	2.4	J	ug/kg	12	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.21	1
Chloroform	ND		ug/kg	1.8	0.43	1
Carbon tetrachloride	ND		ug/kg	1.2	0.25	1
1,2-Dichloropropane	ND		ug/kg	4.1	0.27	1
Dibromochloromethane	ND		ug/kg	1.2	0.36	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.36	1
Tetrachloroethene	59		ug/kg	1.2	0.16	1
Chlorobenzene	ND		ug/kg	1.2	0.41	1
Trichlorofluoromethane	ND		ug/kg	5.9	0.14	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.17	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.27	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
Bromoform	ND		ug/kg	4.7	0.49	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.20	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.13	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	5.9	0.92	1
Bromomethane	ND		ug/kg	2.3	0.40	1
Vinyl chloride	ND		ug/kg	2.3	0.16	1
Chloroethane	ND		ug/kg	2.3	0.37	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.25	1
Trichloroethene	6.5		ug/kg	1.2	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	5.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	5.9	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	5.9	0.28	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.12	1

Project Name: 3021 ORCHARD PARK RD **Lab Number:** L1410959

Project Number: Not Specified **Report Date:** 05/22/14

SAMPLE RESULTS

Lab ID: L1410959-04 Date Collected: 05/20/14 18:45

Client ID: SB-4 Date Received: 05/21/14

Sample Location: 3021 ORCHARD PARK RD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	0.72	J	ug/kg	2.3	0.38	1
o-Xylene	0.33	J	ug/kg	2.3	0.32	1
cis-1,2-Dichloroethene	4.6		ug/kg	1.2	0.18	1
Styrene	ND		ug/kg	2.3	0.36	1
Dichlorodifluoromethane	ND		ug/kg	12	0.26	1
Acetone	ND		ug/kg	12	3.6	1
Carbon disulfide	ND		ug/kg	12	2.3	1
2-Butanone	ND		ug/kg	12	0.42	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.29	1
2-Hexanone	ND		ug/kg	12	0.22	1
Bromochloromethane	ND		ug/kg	5.9	0.23	1
1,2-Dibromoethane	ND		ug/kg	4.7	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.9	0.92	1
Isopropylbenzene	0.64	J	ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.9	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.9	0.92	1
Methyl Acetate	ND		ug/kg	23	0.89	1
Cyclohexane	13	J	ug/kg	23	1.2	1
1,4-Dioxane	ND		ug/kg	120	20.	1
Freon-113	ND		ug/kg	23	0.32	1
Methyl cyclohexane	53		ug/kg	4.7	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	100		70-130

Project Name: 3021 ORCHARD PARK RD **Lab Number:** L1410959

Project Number: Not Specified **Report Date:** 05/22/14

SAMPLE RESULTS

Lab ID:	L1410959-05 D2	Date Collected:	05/20/14 20:30
Client ID:	SB-5	Date Received:	05/21/14
Sample Location:	3021 ORCHARD PARK RD	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	05/22/14 12:08		
Analyst:	BN		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tetrachloroethene	2000		ug/kg	56	7.9	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	95		70-130

Project Name: 3021 ORCHARD PARK RD **Lab Number:** L1410959

Project Number: Not Specified **Report Date:** 05/22/14

SAMPLE RESULTS

Lab ID: L1410959-05 D
Client ID: SB-5
Sample Location: 3021 ORCHARD PARK RD
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/22/14 11:08
Analyst: BN
Percent Solids: 89%

Date Collected: 05/20/14 20:30
Date Received: 05/21/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	5.7	J	ug/kg	22	4.5	2
1,1-Dichloroethane	ND		ug/kg	3.4	0.40	2
Chloroform	ND		ug/kg	3.4	0.84	2
Carbon tetrachloride	ND		ug/kg	2.2	0.47	2
1,2-Dichloropropane	ND		ug/kg	7.9	0.52	2
Dibromochloromethane	ND		ug/kg	2.2	0.69	2
1,1,2-Trichloroethane	ND		ug/kg	3.4	0.69	2
Tetrachloroethene	500	E	ug/kg	2.2	0.32	2
Chlorobenzene	ND		ug/kg	2.2	0.78	2
Trichlorofluoromethane	ND		ug/kg	11	0.27	2
1,2-Dichloroethane	ND		ug/kg	2.2	0.33	2
1,1,1-Trichloroethane	ND		ug/kg	2.2	0.25	2
Bromodichloromethane	ND		ug/kg	2.2	0.52	2
trans-1,3-Dichloropropene	ND		ug/kg	2.2	0.27	2
cis-1,3-Dichloropropene	ND		ug/kg	2.2	0.29	2
Bromoform	ND		ug/kg	9.0	0.94	2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.2	0.38	2
Benzene	ND		ug/kg	2.2	0.27	2
Toluene	0.64	J	ug/kg	3.4	0.25	2
Ethylbenzene	ND		ug/kg	2.2	0.33	2
Chloromethane	ND		ug/kg	11	1.8	2
Bromomethane	ND		ug/kg	4.5	0.76	2
Vinyl chloride	ND		ug/kg	4.5	0.32	2
Chloroethane	ND		ug/kg	4.5	0.71	2
1,1-Dichloroethene	ND		ug/kg	2.2	0.46	2
trans-1,2-Dichloroethene	ND		ug/kg	3.4	0.48	2
Trichloroethene	16		ug/kg	2.2	0.34	2
1,2-Dichlorobenzene	ND		ug/kg	11	0.41	2
1,3-Dichlorobenzene	ND		ug/kg	11	0.41	2
1,4-Dichlorobenzene	ND		ug/kg	11	0.54	2
Methyl tert butyl ether	ND		ug/kg	4.5	0.24	2

Project Name: 3021 ORCHARD PARK RD **Lab Number:** L1410959

Project Number: Not Specified **Report Date:** 05/22/14

SAMPLE RESULTS

Lab ID: L1410959-05 D Date Collected: 05/20/14 20:30

Client ID: SB-5 Date Received: 05/21/14

Sample Location: 3021 ORCHARD PARK RD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/kg	4.5	0.73	2
o-Xylene	ND		ug/kg	4.5	0.61	2
cis-1,2-Dichloroethene	0.92	J	ug/kg	2.2	0.34	2
Styrene	ND		ug/kg	4.5	0.70	2
Dichlorodifluoromethane	ND		ug/kg	22	0.49	2
Acetone	ND		ug/kg	22	7.0	2
Carbon disulfide	ND		ug/kg	22	4.5	2
2-Butanone	ND		ug/kg	22	0.80	2
4-Methyl-2-pentanone	ND		ug/kg	22	0.55	2
2-Hexanone	ND		ug/kg	22	0.42	2
Bromochloromethane	ND		ug/kg	11	0.44	2
1,2-Dibromoethane	ND		ug/kg	9.0	0.40	2
1,2-Dibromo-3-chloropropane	ND		ug/kg	11	1.8	2
Isopropylbenzene	ND		ug/kg	2.2	0.38	2
1,2,3-Trichlorobenzene	ND		ug/kg	11	0.38	2
1,2,4-Trichlorobenzene	ND		ug/kg	11	1.8	2
Methyl Acetate	ND		ug/kg	45	1.7	2
Cyclohexane	ND		ug/kg	45	2.4	2
1,4-Dioxane	ND		ug/kg	220	39.	2
Freon-113	ND		ug/kg	45	0.62	2
Methyl cyclohexane	ND		ug/kg	9.0	2.8	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	96		70-130

Project Name: 3021 ORCHARD PARK RD **Lab Number:** L1410959

Project Number: Not Specified **Report Date:** 05/22/14

SAMPLE RESULTS

Lab ID:	L1410959-06 D2	Date Collected:	05/20/14 21:15
Client ID:	SB-6	Date Received:	05/21/14
Sample Location:	3021 ORCHARD PARK RD	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	05/22/14 12:35		
Analyst:	BN		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tetrachloroethene	9900		ug/kg	56	7.8	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	95		70-130

Project Name: 3021 ORCHARD PARK RD **Lab Number:** L1410959

Project Number: Not Specified **Report Date:** 05/22/14

SAMPLE RESULTS

Lab ID: L1410959-06 D
Client ID: SB-6
Sample Location: 3021 ORCHARD PARK RD
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 05/22/14 11:34
Analyst: BN
Percent Solids: 90%

Date Collected: 05/20/14 21:15
Date Received: 05/21/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	7.3	J	ug/kg	22	4.5	2
1,1-Dichloroethane	ND		ug/kg	3.3	0.40	2
Chloroform	ND		ug/kg	3.3	0.83	2
Carbon tetrachloride	ND		ug/kg	2.2	0.47	2
1,2-Dichloropropane	ND		ug/kg	7.8	0.51	2
Dibromochloromethane	ND		ug/kg	2.2	0.69	2
1,1,2-Trichloroethane	ND		ug/kg	3.3	0.68	2
Tetrachloroethene	1300	E	ug/kg	2.2	0.31	2
Chlorobenzene	ND		ug/kg	2.2	0.78	2
Trichlorofluoromethane	ND		ug/kg	11	0.27	2
1,2-Dichloroethane	ND		ug/kg	2.2	0.33	2
1,1,1-Trichloroethane	ND		ug/kg	2.2	0.25	2
Bromodichloromethane	ND		ug/kg	2.2	0.51	2
trans-1,3-Dichloropropene	ND		ug/kg	2.2	0.27	2
cis-1,3-Dichloropropene	ND		ug/kg	2.2	0.28	2
Bromoform	ND		ug/kg	8.9	0.92	2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.2	0.38	2
Benzene	ND		ug/kg	2.2	0.26	2
Toluene	0.80	J	ug/kg	3.3	0.25	2
Ethylbenzene	ND		ug/kg	2.2	0.33	2
Chloromethane	ND		ug/kg	11	1.7	2
Bromomethane	ND		ug/kg	4.5	0.75	2
Vinyl chloride	ND		ug/kg	4.5	0.32	2
Chloroethane	ND		ug/kg	4.5	0.70	2
1,1-Dichloroethene	ND		ug/kg	2.2	0.46	2
trans-1,2-Dichloroethene	2.6	J	ug/kg	3.3	0.47	2
Trichloroethene	140		ug/kg	2.2	0.34	2
1,2-Dichlorobenzene	ND		ug/kg	11	0.41	2
1,3-Dichlorobenzene	ND		ug/kg	11	0.41	2
1,4-Dichlorobenzene	ND		ug/kg	11	0.54	2
Methyl tert butyl ether	ND		ug/kg	4.5	0.23	2

Project Name: 3021 ORCHARD PARK RD **Lab Number:** L1410959

Project Number: Not Specified **Report Date:** 05/22/14

SAMPLE RESULTS

Lab ID: L1410959-06 D Date Collected: 05/20/14 21:15

Client ID: SB-6 Date Received: 05/21/14

Sample Location: 3021 ORCHARD PARK RD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/kg	4.5	0.72	2
o-Xylene	ND		ug/kg	4.5	0.60	2
cis-1,2-Dichloroethene	28		ug/kg	2.2	0.33	2
Styrene	ND		ug/kg	4.5	0.69	2
Dichlorodifluoromethane	ND		ug/kg	22	0.49	2
Acetone	ND		ug/kg	22	6.9	2
Carbon disulfide	ND		ug/kg	22	4.5	2
2-Butanone	ND		ug/kg	22	0.79	2
4-Methyl-2-pentanone	ND		ug/kg	22	0.54	2
2-Hexanone	ND		ug/kg	22	0.42	2
Bromochloromethane	ND		ug/kg	11	0.44	2
1,2-Dibromoethane	ND		ug/kg	8.9	0.40	2
1,2-Dibromo-3-chloropropane	ND		ug/kg	11	1.8	2
Isopropylbenzene	ND		ug/kg	2.2	0.37	2
1,2,3-Trichlorobenzene	ND		ug/kg	11	0.38	2
1,2,4-Trichlorobenzene	ND		ug/kg	11	1.8	2
Methyl Acetate	ND		ug/kg	45	1.7	2
Cyclohexane	4.8	J	ug/kg	45	2.4	2
1,4-Dioxane	ND		ug/kg	220	39.	2
Freon-113	ND		ug/kg	45	0.61	2
Methyl cyclohexane	29		ug/kg	8.9	2.8	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	98		70-130

Project Name: 3021 ORCHARD PARK RD
Project Number: Not Specified
Lab Number: L1410959
Report Date: 05/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/22/14 08:33
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG691660-3					
Methylene chloride	ND		ug/kg	10	2.0
1,1-Dichloroethane	ND		ug/kg	1.5	0.18
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.31
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.12
1,2-Dichloroethane	ND		ug/kg	1.0	0.15
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.23
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.13
Bromoform	ND		ug/kg	4.0	0.41
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.17
Benzene	ND		ug/kg	1.0	0.12
Toluene	0.29	J	ug/kg	1.5	0.11
Ethylbenzene	ND		ug/kg	1.0	0.15
Chloromethane	ND		ug/kg	5.0	0.78
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.14
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.20
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.15
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.24
Methyl tert butyl ether	ND		ug/kg	2.0	0.10

Project Name: 3021 ORCHARD PARK RD
Project Number: Not Specified
Lab Number: L1410959
Report Date: 05/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/22/14 08:33
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG691660-3					
p/m-Xylene	ND		ug/kg	2.0	0.32
o-Xylene	ND		ug/kg	2.0	0.27
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15
Styrene	ND		ug/kg	2.0	0.31
Dichlorodifluoromethane	ND		ug/kg	10	0.22
Acetone	ND		ug/kg	10	3.1
Carbon disulfide	ND		ug/kg	10	2.0
2-Butanone	ND		ug/kg	10	0.36
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.19
Bromochloromethane	ND		ug/kg	5.0	0.20
1,2-Dibromoethane	ND		ug/kg	4.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.79
Isopropylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.17
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.79
Methyl Acetate	ND		ug/kg	20	0.76
Cyclohexane	ND		ug/kg	20	1.1
1,4-Dioxane	ND		ug/kg	100	17.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	1.3

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	90		70-130

Project Name: 3021 ORCHARD PARK RD
Project Number: Not Specified
Lab Number: L1410959
Report Date: 05/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/22/14 08:40
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,05-06 Batch: WG691660-6					
Methylene chloride	3.9	J	ug/kg	10	2.0
1,1-Dichloroethane	ND		ug/kg	1.5	0.18
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.31
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.12
1,2-Dichloroethane	ND		ug/kg	1.0	0.15
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.23
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.13
Bromoform	ND		ug/kg	4.0	0.41
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.17
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.11
Ethylbenzene	ND		ug/kg	1.0	0.15
Chloromethane	ND		ug/kg	5.0	0.78
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.14
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.20
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.15
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.24
Methyl tert butyl ether	ND		ug/kg	2.0	0.10

Project Name: 3021 ORCHARD PARK RD
Project Number: Not Specified
Lab Number: L1410959
Report Date: 05/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/22/14 08:40
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,05-06 Batch: WG691660-6					
p/m-Xylene	ND		ug/kg	2.0	0.32
o-Xylene	ND		ug/kg	2.0	0.27
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15
Styrene	ND		ug/kg	2.0	0.31
Dichlorodifluoromethane	ND		ug/kg	10	0.22
Acetone	ND		ug/kg	10	3.1
Carbon disulfide	ND		ug/kg	10	2.0
2-Butanone	ND		ug/kg	10	0.36
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.19
Bromochloromethane	ND		ug/kg	5.0	0.20
1,2-Dibromoethane	ND		ug/kg	4.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.79
Isopropylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.17
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.79
Methyl Acetate	ND		ug/kg	20	0.76
Cyclohexane	ND		ug/kg	20	1.1
1,4-Dioxane	ND		ug/kg	100	17.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	1.3

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: Not Specified

Lab Number: L1410959
Report Date: 05/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG691660-1 WG691660-2								
Methylene chloride	93		91		70-130	2		30
1,1-Dichloroethane	98		96		70-130	2		30
Chloroform	98		96		70-130	2		30
Carbon tetrachloride	98		99		70-130	1		30
1,2-Dichloropropane	96		96		70-130	0		30
Dibromochloromethane	92		92		70-130	0		30
2-Chloroethylvinyl ether	79		79		70-130	0		30
1,1,2-Trichloroethane	96		96		70-130	0		30
Tetrachloroethene	100		98		70-130	2		30
Chlorobenzene	99		98		70-130	1		30
Trichlorofluoromethane	100		99		70-139	1		30
1,2-Dichloroethane	96		95		70-130	1		30
1,1,1-Trichloroethane	99		98		70-130	1		30
Bromodichloromethane	94		95		70-130	1		30
trans-1,3-Dichloropropene	90		91		70-130	1		30
cis-1,3-Dichloropropene	99		99		70-130	0		30
1,1-Dichloropropene	102		101		70-130	1		30
Bromoform	92		92		70-130	0		30
1,1,2,2-Tetrachloroethane	94		93		70-130	1		30
Benzene	99		97		70-130	2		30
Toluene	97		95		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: Not Specified

Lab Number: L1410959
Report Date: 05/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG691660-1 WG691660-2								
Ethylbenzene	103		102		70-130	1		30
Chloromethane	94		91		52-130	3		30
Bromomethane	96		96		57-147	0		30
Vinyl chloride	94		94		67-130	0		30
Chloroethane	107		101		50-151	6		30
1,1-Dichloroethene	98		95		65-135	3		30
trans-1,2-Dichloroethene	99		96		70-130	3		30
Trichloroethene	99		99		70-130	0		30
1,2-Dichlorobenzene	99		97		70-130	2		30
1,3-Dichlorobenzene	102		99		70-130	3		30
1,4-Dichlorobenzene	99		98		70-130	1		30
Methyl tert butyl ether	96		94		66-130	2		30
p/m-Xylene	107		106		70-130	1		30
o-Xylene	108		106		70-130	2		30
cis-1,2-Dichloroethene	101		98		70-130	3		30
Dibromomethane	93		93		70-130	0		30
Styrene	108		108		70-130	0		30
Dichlorodifluoromethane	95		94		30-146	1		30
Acetone	82		81		54-140	1		30
Carbon disulfide	89		89		59-130	0		30
2-Butanone	96		96		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: Not Specified

Lab Number: L1410959
Report Date: 05/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG691660-1 WG691660-2								
Vinyl acetate	97		98		70-130	1		30
4-Methyl-2-pentanone	83		83		70-130	0		30
1,2,3-Trichloropropane	96		94		68-130	2		30
2-Hexanone	80		82		70-130	2		30
Bromochloromethane	100		98		70-130	2		30
2,2-Dichloropropane	100		100		70-130	0		30
1,2-Dibromoethane	96		96		70-130	0		30
1,3-Dichloropropane	97		96		69-130	1		30
1,1,1,2-Tetrachloroethane	97		98		70-130	1		30
Bromobenzene	100		97		70-130	3		30
n-Butylbenzene	107		105		70-130	2		30
sec-Butylbenzene	106		105		70-130	1		30
tert-Butylbenzene	105		103		70-130	2		30
o-Chlorotoluene	104		101		70-130	3		30
p-Chlorotoluene	105		102		70-130	3		30
1,2-Dibromo-3-chloropropane	71		72		68-130	1		30
Hexachlorobutadiene	101		99		67-130	2		30
Isopropylbenzene	107		107		70-130	0		30
p-Isopropyltoluene	108		106		70-130	2		30
Naphthalene	94		92		70-130	2		30
Acrylonitrile	92		92		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: Not Specified

Lab Number: L1410959
Report Date: 05/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG691660-1 WG691660-2								
Isopropyl Ether	99		97		66-130	2		30
tert-Butyl Alcohol	83		84		70-130	1		30
n-Propylbenzene	106		103		70-130	3		30
1,2,3-Trichlorobenzene	101		99		70-130	2		30
1,2,4-Trichlorobenzene	104		101		70-130	3		30
1,3,5-Trimethylbenzene	107		104		70-130	3		30
1,2,4-Trimethylbenzene	107		105		70-130	2		30
Methyl Acetate	87		87		51-146	0		30
Ethyl Acetate	90		90		70-130	0		30
Acrolein	100		91		70-130	9		30
Cyclohexane	108		108		59-142	0		30
1,4-Dioxane	86		87		65-136	1		30
Freon-113	102		101		50-139	1		30
1,4-Diethylbenzene	106		107		70-130	1		30
4-Ethyltoluene	106		107		70-130	1		30
1,2,4,5-Tetramethylbenzene	98		98		70-130	0		30
Tetrahydrofuran	90		89		66-130	1		30
Ethyl ether	96		91		67-130	5		30
trans-1,4-Dichloro-2-butene	95		92		70-130	3		30
Methyl cyclohexane	106		106		70-130	0		30
Ethyl-Tert-Butyl-Ether	100		98		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: Not Specified

Lab Number: L1410959

Report Date: 05/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG691660-1 WG691660-2								
Tertiary-Amyl Methyl Ether	97		97		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		98		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	98		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: Not Specified

Lab Number: L1410959

Report Date: 05/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05-06 Batch: WG691660-4 WG691660-5								
Methylene chloride	95		90		70-130	5		30
1,1-Dichloroethane	94		87		70-130	8		30
Chloroform	96		90		70-130	6		30
Carbon tetrachloride	91		79		70-130	14		30
1,2-Dichloropropane	94		89		70-130	5		30
Dibromochloromethane	82		80		70-130	2		30
2-Chloroethylvinyl ether	96		92		70-130	4		30
1,1,2-Trichloroethane	90		88		70-130	2		30
Tetrachloroethene	87		78		70-130	11		30
Chlorobenzene	88		85		70-130	3		30
Trichlorofluoromethane	120		100		70-139	18		30
1,2-Dichloroethane	107		104		70-130	3		30
1,1,1-Trichloroethane	95		85		70-130	11		30
Bromodichloromethane	94		90		70-130	4		30
trans-1,3-Dichloropropene	86		84		70-130	2		30
cis-1,3-Dichloropropene	90		87		70-130	3		30
1,1-Dichloropropene	92		83		70-130	10		30
Bromoform	74		75		70-130	1		30
1,1,2,2-Tetrachloroethane	85		84		70-130	1		30
Benzene	92		85		70-130	8		30
Toluene	84		78		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: Not Specified

Lab Number: L1410959

Report Date: 05/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05-06 Batch: WG691660-4 WG691660-5								
Ethylbenzene	90		84		70-130	7		30
Chloromethane	80		71		52-130	12		30
Bromomethane	113		105		57-147	7		30
Vinyl chloride	106		92		67-130	14		30
Chloroethane	117		103		50-151	13		30
1,1-Dichloroethene	88		78		65-135	12		30
trans-1,2-Dichloroethene	92		81		70-130	13		30
Trichloroethene	96		88		70-130	9		30
1,2-Dichlorobenzene	87		84		70-130	4		30
1,3-Dichlorobenzene	88		84		70-130	5		30
1,4-Dichlorobenzene	89		85		70-130	5		30
Methyl tert butyl ether	94		91		66-130	3		30
p/m-Xylene	90		83		70-130	8		30
o-Xylene	91		86		70-130	6		30
cis-1,2-Dichloroethene	94		88		70-130	7		30
Dibromomethane	97		94		70-130	3		30
Styrene	93		90		70-130	3		30
Dichlorodifluoromethane	71		60		30-146	17		30
Acetone	97		99		54-140	2		30
Carbon disulfide	86		76		59-130	12		30
2-Butanone	90		89		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: Not Specified

Lab Number: L1410959

Report Date: 05/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05-06 Batch: WG691660-4 WG691660-5								
Vinyl acetate	93		90		70-130	3		30
4-Methyl-2-pentanone	93		92		70-130	1		30
1,2,3-Trichloropropane	89		87		68-130	2		30
2-Hexanone	78		77		70-130	1		30
Bromochloromethane	94		92		70-130	2		30
2,2-Dichloropropane	94		83		70-130	12		30
1,2-Dibromoethane	88		85		70-130	3		30
1,3-Dichloropropane	89		86		69-130	3		30
1,1,1,2-Tetrachloroethane	84		80		70-130	5		30
Bromobenzene	85		82		70-130	4		30
n-Butylbenzene	91		82		70-130	10		30
sec-Butylbenzene	88		78		70-130	12		30
tert-Butylbenzene	86		79		70-130	8		30
o-Chlorotoluene	84		80		70-130	5		30
p-Chlorotoluene	91		85		70-130	7		30
1,2-Dibromo-3-chloropropane	73		74		68-130	1		30
Hexachlorobutadiene	87		79		67-130	10		30
Isopropylbenzene	85		77		70-130	10		30
p-Isopropyltoluene	88		80		70-130	10		30
Naphthalene	84		83		70-130	1		30
Acrylonitrile	95		92		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: Not Specified

Lab Number: L1410959

Report Date: 05/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05-06 Batch: WG691660-4 WG691660-5								
Isopropyl Ether	91		87		66-130	4		30
tert-Butyl Alcohol	90		90		70-130	0		30
n-Propylbenzene	87		81		70-130	7		30
1,2,3-Trichlorobenzene	87		85		70-130	2		30
1,2,4-Trichlorobenzene	88		86		70-130	2		30
1,3,5-Trimethylbenzene	89		82		70-130	8		30
1,2,4-Trimethylbenzene	89		83		70-130	7		30
Methyl Acetate	91		90		51-146	1		30
Ethyl Acetate	91		88		70-130	3		30
Acrolein	**64**	Q	**67**	Q	70-130	5		30
Cyclohexane	92		79		59-142	15		30
1,4-Dioxane	103		95		65-136	8		30
Freon-113	92		77		50-139	18		30
1,4-Diethylbenzene	88		80		70-130	10		30
4-Ethyltoluene	86		79		70-130	8		30
1,2,4,5-Tetramethylbenzene	88		84		70-130	5		30
Tetrahydrofuran	88		92		66-130	4		30
Ethyl ether	92		89		67-130	3		30
trans-1,4-Dichloro-2-butene	83		85		70-130	2		30
Methyl cyclohexane	91		78		70-130	15		30
Ethyl-Tert-Butyl-Ether	96		93		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: Not Specified

Lab Number: L1410959

Report Date: 05/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,05-06 Batch: WG691660-4 WG691660-5								
Tertiary-Amyl Methyl Ether	92		89		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		109		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	101		100		70-130
Dibromofluoromethane	99		100		70-130

INORGANICS
&
MISCELLANEOUS

Project Name: 3021 ORCHARD PARK RD
Project Number: Not Specified

Lab Number: L1410959
Report Date: 05/22/14

SAMPLE RESULTS

Lab ID: L1410959-01
Client ID: SB-1
Sample Location: 3021 ORCHARD PARK RD
Matrix: Soil

Date Collected: 05/20/14 16:15
Date Received: 05/21/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.3		%	0.100	NA	1	-	05/22/14 02:15	30,2540G	RT

Project Name: 3021 ORCHARD PARK RD
Project Number: Not Specified

Lab Number: L1410959
Report Date: 05/22/14

SAMPLE RESULTS

Lab ID: L1410959-02
Client ID: SB-2
Sample Location: 3021 ORCHARD PARK RD
Matrix: Soil

Date Collected: 05/20/14 19:30
Date Received: 05/21/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.6		%	0.100	NA	1	-	05/22/14 02:15	30,2540G	RT

Project Name: 3021 ORCHARD PARK RD
Project Number: Not Specified
Lab Number: L1410959
Report Date: 05/22/14

SAMPLE RESULTS

Lab ID: L1410959-03
Client ID: SB-3
Sample Location: 3021 ORCHARD PARK RD
Matrix: Soil

Date Collected: 05/20/14 18:30
Date Received: 05/21/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.7		%	0.100	NA	1	-	05/22/14 02:15	30,2540G	RT

Project Name: 3021 ORCHARD PARK RD
Project Number: Not Specified

Lab Number: L1410959
Report Date: 05/22/14

SAMPLE RESULTS

Lab ID: L1410959-04
Client ID: SB-4
Sample Location: 3021 ORCHARD PARK RD
Matrix: Soil

Date Collected: 05/20/14 18:45
Date Received: 05/21/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.3		%	0.100	NA	1	-	05/22/14 02:15	30,2540G	RT

Project Name: 3021 ORCHARD PARK RD
Project Number: Not Specified

Lab Number: L1410959
Report Date: 05/22/14

SAMPLE RESULTS

Lab ID: L1410959-05
Client ID: SB-5
Sample Location: 3021 ORCHARD PARK RD
Matrix: Soil

Date Collected: 05/20/14 20:30
Date Received: 05/21/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	05/22/14 02:15	30,2540G	RT

Project Name: 3021 ORCHARD PARK RD
Project Number: Not Specified

Lab Number: L1410959
Report Date: 05/22/14

SAMPLE RESULTS

Lab ID: L1410959-06
Client ID: SB-6
Sample Location: 3021 ORCHARD PARK RD
Matrix: Soil

Date Collected: 05/20/14 21:15
Date Received: 05/21/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	05/22/14 02:15	30,2540G	RT

Lab Duplicate Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: Not Specified

Lab Number: L1410959
Report Date: 05/22/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG691536-1 QC Sample: L1410885-01 Client ID: DUP Sample						
Solids, Total	89.2	88.8	%	0		20

Project Name: 3021 ORCHARD PARK RD
Project Number: Not Specified

Lab Number: L1410959
Report Date: 05/22/14

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1410959-01A	Amber 120ml unpreserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1410959-01X	Plastic 2oz unpreserved for TS s	A	N/A	2.8	Y	Absent	TS(7)
L1410959-02A	Amber 120ml unpreserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1410959-02X	Plastic 2oz unpreserved for TS s	A	N/A	2.8	Y	Absent	TS(7)
L1410959-03A	Amber 120ml unpreserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1410959-03X	Plastic 2oz unpreserved for TS s	A	N/A	2.8	Y	Absent	TS(7)
L1410959-04A	Amber 120ml unpreserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1410959-04X	Plastic 2oz unpreserved for TS s	A	N/A	2.8	Y	Absent	TS(7)
L1410959-05A	Amber 120ml unpreserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1410959-05X	Plastic 2oz unpreserved for TS s	A	N/A	2.8	Y	Absent	TS(7)
L1410959-06A	Amber 120ml unpreserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1410959-06X	Plastic 2oz unpreserved for TS s	A	N/A	2.8	Y	Absent	TS(7)

*Values in parentheses indicate holding time in days

Project Name:	3021 ORCHARD PARK RD	**Lab Number:**	L1410959
Project Number:	Not Specified	**Report Date:**	05/22/14

GLOSSARY

Acronyms

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).

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.

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.

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.

NI - Not Ignitable.

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.

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

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.

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.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

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.

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.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	3021 ORCHARD PARK RD	**Lab Number:**	L1410959
Project Number:	Not Specified	**Report Date:**	05/22/14

Data Qualifiers

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.

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

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.

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.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	3021 ORCHARD PARK RD	**Lab Number:**	L1410959
Project Number:	Not Specified	**Report Date:**	05/22/14

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

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

Last revised April 15, 2014

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

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
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.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: 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**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: 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: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

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

Serial_No:05221414:27

CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 5/21/14

ALPHA Job #: L1410959

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: TURNKEY

Address: 2668 MAMARUE TURNPIKE
BUFFALO NY 14218

Phone: 716 856-0599

Fax:

Email: MLESAJKOWSKI@BENCHMARKTURNKEY.COM

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 3021 ORCHARD PARK RD

Project Location: 3021 ORCHARD PARK RD

Project #:

Project Manager: MIKE LESAJKOWSKI

ALPHA Quote #:

Turn-Around Time

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

Date Due: 5/22/14 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL

☐ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program | Criteria

MA MCP PRESUMPTIVE CERTAINTY --- CT REASONABLE CONFIDENCE PROTO

☐ Yes ☐ No Are MCP Analytical Methods Required?

☐ Yes ☐ No Is Matrix Spike (MS) Required on this SDG? (If yes see note in Comments)

☐ Yes ☐ No Are CT RCP (Reasonable Confidence Protocols) Required?

Other Project Specific Requirements/Comments/Detection Limits:

If MS is required , indicate in Sample Specific Comments which samples and what tests MS to be performed.
(Note: All *CAM* methods for inorganic analyses require MS every 20 soil samples)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: TCL VOC	SAMPLE HANDLING / Sample Specific Comments	TOTAL # BOTTLES
1095491	SB-1	5/20/14	16:15	S	JCT	1		1
2	SB-2		19:30	S	JCT	1		1
3	SB-3		18 30	S	JCT	1		1
4	SB-4		12 45	S	JCT	1		1
5	SB-5		20 30	S	JCT	1		1
6	SB-6	5/20/14	21 15	S	JCT	1		1

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Container Type	A																				
Preservative	A																				

PLEASE ANSWER QUESTIONS ABOVE!

IS YOUR PROJECT MA MCP *or* CT RCP?

Relinquished By:	Date/Time	Received By:	Date/Time
	5/21/14 11:35	Alyssa Fahy ALPHA	5/21/14 11:35
Alyssa Fahy	5/21/14 15:00		5/21/14 15:00
	5/21/14 1715		5/21/14 1715
	5/21/14 23:28	Andrea Scott	5/22/14 23:25

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: 01-01 (rev. 16-Jan-2010)

ANALYTICAL REPORT

Lab Number:	L1410982
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Mike Lesakowski
Phone:	(716) 856-0599
Project Name:	3021 ORCHARD PARK RD
Project Number:	3021 ORCHARD PARK RD
Report Date:	05/22/14

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: NY (11627), CT (PH-0141), NH (2206), NJ NELAP (MA015), RI (LAO00299), PA (68-02089), LA NELAP (03090), FL (E87814), TX (T104704419), WA (C954), DOD (L2217.01), USDA (Permit #P330-11-00109), US Army Corps of Engineers.

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

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PARK RD

Lab Number: L1410982
Report Date: 05/22/14

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1410982-01	INDOOR AMBIENT AIR	3021 ORCHARD PARK RD	05/21/14 11:22
L1410982-02	OUTDOOR AMBIENT AIR	3021 ORCHARD PARK RD	05/21/14 12:50

Project Name:	3021 ORCHARD PARK RD	**Lab Number:**	L1410982
Project Number:	3021 ORCHARD PARK RD	**Report Date:**	05/22/14

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 all of the requirements of NELAC, for all NELAC accredited parameters. 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. 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. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name:	3021 ORCHARD PARK RD	**Lab Number:**	L1410982
Project Number:	3021 ORCHARD PARK RD	**Report Date:**	05/22/14

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on May 20, 2014. The canister certification results are provided as an addendum.

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: 05/22/14

AIR

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PARK RD
Lab Number: L1410982
Report Date: 05/22/14

SAMPLE RESULTS

Lab ID: L1410982-01
Client ID: INDOOR AMBIENT AIR
Sample Location: 3021 ORCHARD PARK RD
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 05/22/14 10:45
Analyst: RY

Date Collected: 05/21/14 11:22
Date Received: 05/21/14
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.421	0.200	--	2.08	0.989	--		1
Chloromethane	0.600	0.200	--	1.24	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	13.4	2.50	--	25.2	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	11.2	1.00	--	26.6	2.38	--		1
Trichlorofluoromethane	0.291	0.200	--	1.64	1.12	--		1
Isopropanol	1.17	0.500	--	2.88	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	7.92	1.00	--	27.5	3.47	--		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
2-Butanone	0.704	0.200	--	2.08	0.590	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PARK RD
Lab Number: L1410982
Report Date: 05/22/14

SAMPLE RESULTS

Lab ID: L1410982-01
Client ID: INDOOR AMBIENT AIR
Sample Location: 3021 ORCHARD PARK RD
Date Collected: 05/21/14 11:22
Date Received: 05/21/14
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
n-Hexane	0.211	0.200	--	0.744	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		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	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.10	0.200	--	4.15	0.754	--		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
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.236	0.200	--	1.03	0.869	--		1
p/m-Xylene	0.836	0.400	--	3.63	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
o-Xylene	0.319	0.200	--	1.39	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.338	0.200	--	1.66	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PARK RD
Lab Number: L1410982
Report Date: 05/22/14

SAMPLE RESULTS

Lab ID: L1410982-01
Client ID: INDOOR AMBIENT AIR
Sample Location: 3021 ORCHARD PARK RD
Date Collected: 05/21/14 11:22
Date Received: 05/21/14
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	100		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	92		60-140

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PARK RD
Lab Number: L1410982
Report Date: 05/22/14

SAMPLE RESULTS

Lab ID: L1410982-01
Client ID: INDOOR AMBIENT AIR
Sample Location: 3021 ORCHARD PARK RD
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 05/22/14 10:45
Analyst: RY

Date Collected: 05/21/14 11:22
Date Received: 05/21/14
Field Prep: Not Specified

	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
Carbon tetrachloride	0.054	0.020	--	0.340	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.471	0.020	--	3.19	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	95		60-140
bromochloromethane	86		60-140
chlorobenzene-d5	93		60-140

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PARK RD
Lab Number: L1410982
Report Date: 05/22/14

SAMPLE RESULTS

Lab ID: L1410982-02
Client ID: OUTDOOR AMBIENT AIR
Sample Location: 3021 ORCHARD PARK RD
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 05/22/14 10:13
Analyst: RY

Date Collected: 05/21/14 12:50
Date Received: 05/21/14
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.290	0.200	--	1.43	0.989	--		1
Chloromethane	0.561	0.200	--	1.16	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	3.72	1.00	--	8.84	2.38	--		1
Trichlorofluoromethane	0.241	0.200	--	1.35	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	1.47	1.00	--	5.11	3.47	--		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
2-Butanone	0.249	0.200	--	0.734	0.590	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PARK RD
Lab Number: L1410982
Report Date: 05/22/14

SAMPLE RESULTS

Lab ID: L1410982-02
Client ID: OUTDOOR AMBIENT AIR
Sample Location: 3021 ORCHARD PARK RD
Date Collected: 05/21/14 12:50
Date Received: 05/21/14
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	0.297	0.200	--	0.949	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		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	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.583	0.200	--	2.20	0.754	--		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
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
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PARK RD
Lab Number: L1410982
Report Date: 05/22/14

SAMPLE RESULTS

Lab ID: L1410982-02
Client ID: OUTDOOR AMBIENT AIR
Sample Location: 3021 ORCHARD PARK RD
Date Collected: 05/21/14 12:50
Date Received: 05/21/14
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	106		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	95		60-140

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PARK RD
Lab Number: L1410982
Report Date: 05/22/14

SAMPLE RESULTS

Lab ID: L1410982-02
Client ID: OUTDOOR AMBIENT AIR
Sample Location: 3021 ORCHARD PARK RD
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 05/22/14 10:13
Analyst: RY

Date Collected: 05/21/14 12:50
Date Received: 05/21/14
Field Prep: Not Specified

	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
Carbon tetrachloride	0.052	0.020	--	0.327	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.038	0.020	--	0.258	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	100		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	96		60-140

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PARK RD
Lab Number: L1410982
Report Date: 05/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 05/21/14 17:02

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 for sample(s): 01-02 Batch: WG691460-4								
Propylene	ND	0.500	--	ND	0.861	--		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
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		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	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PARK RD
Lab Number: L1410982
Report Date: 05/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 05/21/14 17:02

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 for sample(s): 01-02 Batch: WG691460-4								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		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
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
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		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
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
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PARK RD
Lab Number: L1410982
Report Date: 05/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 05/21/14 17:02

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 for sample(s): 01-02 Batch: WG691460-4								
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
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PARK RD
Lab Number: L1410982
Report Date: 05/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 05/21/14 17:53

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): 01-02 Batch: WG691461-4								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	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	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		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	1.00	--	ND	3.47	--		1
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		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	0.020	--	ND	0.072	--		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: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PARK RD
Lab Number: L1410982
Report Date: 05/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 05/21/14 17:53

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): 01-02 Batch: WG691461-4								
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	0.020	--	ND	0.092	--		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	0.500	--	ND	2.46	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PARK RD
Lab Number: L1410982
Report Date: 05/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 05/21/14 17:53

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): 01-02 Batch: WG691461-4								
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.500	--	ND	2.74	--		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

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 3021 ORCHARD PARK RD

Lab Number: L1410982

Report Date: 05/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG691460-3								
Chlorodifluoromethane	100		-		70-130	-		
Propylene	112		-		70-130	-		
Propane	92		-		70-130	-		
Dichlorodifluoromethane	130		-		70-130	-		
Chloromethane	105		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	120		-		70-130	-		
Methanol	82		-		70-130	-		
Vinyl chloride	109		-		70-130	-		
1,3-Butadiene	107		-		70-130	-		
Butane	95		-		70-130	-		
Bromomethane	108		-		70-130	-		
Chloroethane	109		-		70-130	-		
Ethyl Alcohol	94		-		70-130	-		
Dichlorofluoromethane	103		-		70-130	-		
Vinyl bromide	112		-		70-130	-		
Acrolein	86		-		70-130	-		
Acetone	108		-		70-130	-		
Acetonitrile	93		-		70-130	-		
Trichlorofluoromethane	119		-		70-130	-		
iso-Propyl Alcohol	100		-		70-130	-		
Acrylonitrile	95		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 3021 ORCHARD PARK RD

Lab Number: L1410982

Report Date: 05/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG691460-3								
Pentane	97		-		70-130	-		
Ethyl ether	92		-		70-130	-		
1,1-Dichloroethene	109		-		70-130	-		
tert-Butyl Alcohol	98		-		70-130	-		
Methylene chloride	108		-		70-130	-		
3-Chloropropene	104		-		70-130	-		
Carbon disulfide	102		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	122		-		70-130	-		
trans-1,2-Dichloroethene	97		-		70-130	-		
1,1-Dichloroethane	106		-		70-130	-		
Methyl tert butyl ether	100		-		70-130	-		
Vinyl acetate	111		-		70-130	-		
2-Butanone	104		-		70-130	-		
cis-1,2-Dichloroethene	120		-		70-130	-		
Ethyl Acetate	105		-		70-130	-		
Chloroform	117		-		70-130	-		
Tetrahydrofuran	95		-		70-130	-		
2,2-Dichloropropane	96		-		70-130	-		
1,2-Dichloroethane	114		-		70-130	-		
n-Hexane	80		-		70-130	-		
Isopropyl Ether	83		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 3021 ORCHARD PARK RD

Lab Number: L1410982

Report Date: 05/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG691460-3								
Ethyl-Tert-Butyl-Ether	76		-		70-130	-		
1,1,1-Trichloroethane	90		-		70-130	-		
1,1-Dichloropropene	82		-		70-130	-		
Benzene	87		-		70-130	-		
Carbon tetrachloride	88		-		70-130	-		
Cyclohexane	81		-		70-130	-		
Tertiary-Amyl Methyl Ether	75		-		70-130	-		
Dibromomethane	84		-		70-130	-		
1,2-Dichloropropane	89		-		70-130	-		
Bromodichloromethane	83		-		70-130	-		
1,4-Dioxane	81		-		70-130	-		
Trichloroethene	95		-		70-130	-		
2,2,4-Trimethylpentane	81		-		70-130	-		
Methyl methacrylate	74		-		70-130	-		
Heptane	76		-		70-130	-		
cis-1,3-Dichloropropene	91		-		70-130	-		
4-Methyl-2-pentanone	76		-		70-130	-		
trans-1,3-Dichloropropene	76		-		70-130	-		
1,1,2-Trichloroethane	95		-		70-130	-		
Toluene	98		-		70-130	-		
1,3-Dichloropropane	90		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 3021 ORCHARD PARK RD

Lab Number: L1410982

Report Date: 05/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG691460-3								
2-Hexanone	88		-		70-130	-		
Dibromochloromethane	90		-		70-130	-		
1,2-Dibromoethane	104		-		70-130	-		
Butyl Acetate	90		-		70-130	-		
Octane	89		-		70-130	-		
Tetrachloroethene	105		-		70-130	-		
1,1,1,2-Tetrachloroethane	93		-		70-130	-		
Chlorobenzene	105		-		70-130	-		
Ethylbenzene	102		-		70-130	-		
p/m-Xylene	102		-		70-130	-		
Bromoform	83		-		70-130	-		
Styrene	104		-		70-130	-		
1,1,2,2-Tetrachloroethane	106		-		70-130	-		
o-Xylene	104		-		70-130	-		
1,2,3-Trichloropropane	93		-		70-130	-		
Nonane (C9)	86		-		70-130	-		
Isopropylbenzene	98		-		70-130	-		
Bromobenzene	93		-		70-130	-		
o-Chlorotoluene	97		-		70-130	-		
n-Propylbenzene	98		-		70-130	-		
p-Chlorotoluene	93		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 3021 ORCHARD PARK RD

Lab Number: L1410982

Report Date: 05/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG691460-3								
4-Ethyltoluene	90		-		70-130	-		
1,3,5-Trimethylbenzene	103		-		70-130	-		
tert-Butylbenzene	99		-		70-130	-		
1,2,4-Trimethylbenzene	107		-		70-130	-		
Decane (C10)	91		-		70-130	-		
Benzyl chloride	72		-		70-130	-		
1,3-Dichlorobenzene	109		-		70-130	-		
1,4-Dichlorobenzene	108		-		70-130	-		
sec-Butylbenzene	98		-		70-130	-		
p-Isopropyltoluene	92		-		70-130	-		
1,2-Dichlorobenzene	107		-		70-130	-		
n-Butylbenzene	101		-		70-130	-		
1,2-Dibromo-3-chloropropane	91		-		70-130	-		
Undecane	99		-		70-130	-		
Dodecane (C12)	108		-		70-130	-		
1,2,4-Trichlorobenzene	114		-		70-130	-		
Naphthalene	102		-		70-130	-		
1,2,3-Trichlorobenzene	99		-		70-130	-		
Hexachlorobutadiene	109		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 3021 ORCHARD PARK RD

Lab Number: L1410982

Report Date: 05/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-02 Batch: WG691461-3								
Dichlorodifluoromethane	118		-		70-130	-		25
Chloromethane	89		-		70-130	-		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	101		-		70-130	-		25
Vinyl chloride	95		-		70-130	-		25
1,3-Butadiene	92		-		70-130	-		25
Bromomethane	101		-		70-130	-		25
Chloroethane	94		-		70-130	-		25
Acetone	91		-		70-130	-		25
Trichlorofluoromethane	102		-		70-130	-		25
Acrylonitrile	86		-		70-130	-		25
1,1-Dichloroethene	95		-		70-130	-		25
Methylene chloride	98		-		70-130	-		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	104		-		70-130	-		25
Halothane	101		-		70-130	-		25
trans-1,2-Dichloroethene	82		-		70-130	-		25
1,1-Dichloroethane	92		-		70-130	-		25
Methyl tert butyl ether	84		-		70-130	-		25
2-Butanone	83		-		70-130	-		25
cis-1,2-Dichloroethene	105		-		70-130	-		25
Chloroform	102		-		70-130	-		25
1,2-Dichloroethane	97		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 3021 ORCHARD PARK RD

Lab Number: L1410982

Report Date: 05/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-02 Batch: WG691461-3								
1,1,1-Trichloroethane	85		-		70-130	-		25
Benzene	82		-		70-130	-		25
Carbon tetrachloride	83		-		70-130	-		25
1,2-Dichloropropane	84		-		70-130	-		25
Bromodichloromethane	78		-		70-130	-		25
1,4-Dioxane	71		-		70-130	-		25
Trichloroethene	89		-		70-130	-		25
cis-1,3-Dichloropropene	88		-		70-130	-		25
4-Methyl-2-pentanone	80		-		70-130	-		25
trans-1,3-Dichloropropene	76		-		70-130	-		25
1,1,2-Trichloroethane	91		-		70-130	-		25
Toluene	101		-		70-130	-		25
Dibromochloromethane	88		-		70-130	-		25
1,2-Dibromoethane	106		-		70-130	-		25
Tetrachloroethene	105		-		70-130	-		25
1,1,1,2-Tetrachloroethane	94		-		70-130	-		25
Chlorobenzene	105		-		70-130	-		25
Ethylbenzene	103		-		70-130	-		25
p/m-Xylene	104		-		70-130	-		25
Bromoform	80		-		70-130	-		25
Styrene	108		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 3021 ORCHARD PARK RD

Lab Number: L1410982

Report Date: 05/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-02 Batch: WG691461-3								
1,1,2,2-Tetrachloroethane	109		-		70-130	-		25
o-Xylene	105		-		70-130	-		25
Isopropylbenzene	101		-		70-130	-		25
4-Ethyltoluene	93		-		70-130	-		25
1,3,5-Trimethylbenzene	105		-		70-130	-		25
1,2,4-Trimethylbenzene	110		-		70-130	-		25
1,3-Dichlorobenzene	115		-		70-130	-		25
1,4-Dichlorobenzene	110		-		70-130	-		25
sec-Butylbenzene	102		-		70-130	-		25
p-Isopropyltoluene	97		-		70-130	-		25
1,2-Dichlorobenzene	114		-		70-130	-		25
n-Butylbenzene	106		-		70-130	-		25
1,2,4-Trichlorobenzene	124		-		70-130	-		25
Naphthalene	110		-		70-130	-		25
1,2,3-Trichlorobenzene	111		-		70-130	-		25
Hexachlorobutadiene	114		-		70-130	-		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PA

Lab Number: L1410982
Report Date: 05/22/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG691460-5 QC Sample: L1410651-01 Client ID: DUP Sample						
Propylene	ND	ND	ppbV	NC		25
Dichlorodifluoromethane	0.319	0.484	ppbV	**41**	Q	25
Chloromethane	0.535	0.645	ppbV	19		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethyl Alcohol	112	115	ppbV	3		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	11.5	11.5	ppbV	0		25
Trichlorofluoromethane	4.37	4.49	ppbV	3		25
iso-Propyl Alcohol	8.84	9.19	ppbV	4		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PA

Lab Number: L1410982
Report Date: 05/22/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG691460-5 QC Sample: L1410651-01 Client ID: DUP Sample					
1,1-Dichloroethane	ND	ND	ppbV	NC	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
Vinyl acetate	ND	ND	ppbV	NC	25
2-Butanone	1.02	0.994	ppbV	3	25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Ethyl Acetate	0.525	0.555	ppbV	6	25
Chloroform	ND	ND	ppbV	NC	25
Tetrahydrofuran	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
n-Hexane	ND	ND	ppbV	NC	25
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
Benzene	ND	ND	ppbV	NC	25
Carbon tetrachloride	ND	ND	ppbV	NC	25
Cyclohexane	0.227	0.266	ppbV	16	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
1,4-Dioxane	ND	ND	ppbV	NC	25
Trichloroethene	ND	ND	ppbV	NC	25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PA

Lab Number: L1410982
Report Date: 05/22/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG691460-5 QC Sample: L1410651-01 Client ID: DUP Sample					
Heptane	0.401	0.455	ppbV	13	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
Toluene	1.96	1.92	ppbV	2	25
2-Hexanone	ND	ND	ppbV	NC	25
Dibromochloromethane	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
Tetrachloroethene	2.04	1.96	ppbV	4	25
Chlorobenzene	ND	ND	ppbV	NC	25
Ethylbenzene	0.263	0.267	ppbV	2	25
p/m-Xylene	0.514	0.514	ppbV	0	25
Bromoform	ND	ND	ppbV	NC	25
Styrene	0.251	0.262	ppbV	4	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
o-Xylene	0.226	0.223	ppbV	1	25
4-Ethyltoluene	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PA

Lab Number: L1410982
Report Date: 05/22/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG691460-5 QC Sample: L1410651-01 Client ID: DUP Sample					
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC	25
Benzyl chloride	ND	ND	ppbV	NC	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC	25
Hexachlorobutadiene	ND	ND	ppbV	NC	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PA

Lab Number: L1410982
Report Date: 05/22/14

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG691461-5 QC Sample: L1410462-01 Client ID: DUP Sample						
Dichlorodifluoromethane	0.544	0.412	ppbV	**28**	Q	25
Chloromethane	ND	ND	ppbV	NC		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	0.270	0.267	ppbV	1		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Trichlorofluoromethane	1.15	1.17	ppbV	2		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.080	0.081	ppbV	1		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	0.037	0.036	ppbV	3		25
Chloroform	4.67	4.69	ppbV	0		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	0.022	0.022	ppbV	0		25
Benzene	0.197	0.194	ppbV	2		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PA

Lab Number: L1410982
Report Date: 05/22/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG691461-5 QC Sample: L1410462-01 Client ID: DUP Sample					
Carbon tetrachloride	0.041	0.040	ppbV	2	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
Bromodichloromethane	0.056	0.056	ppbV	0	25
Trichloroethene	0.098	0.097	ppbV	1	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
Toluene	0.518	0.534	ppbV	3	25
Dibromochloromethane	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
Tetrachloroethene	17.9	18.6	ppbV	4	25
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC	25
Chlorobenzene	ND	ND	ppbV	NC	25
Ethylbenzene	0.046	0.048	ppbV	4	25
p/m-Xylene	0.139	0.143	ppbV	3	25
Bromoform	ND	ND	ppbV	NC	25
Styrene	ND	ND	ppbV	NC	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
o-Xylene	0.066	0.066	ppbV	0	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PA

Lab Number: L1410982
Report Date: 05/22/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG691461-5 QC Sample: L1410462-01 Client ID: DUP Sample					
4-Ethyltoluene	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC	25
1,2,4-Trimethylbenzene	0.066	0.068	ppbV	3	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	0.020	0.021	ppbV	5	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC	25
Naphthalene	ND	ND	ppbV	NC	25
Hexachlorobutadiene	ND	ND	ppbV	NC	25

Project Name: 3021 ORCHARD PARK RD

Project Number: 3021 ORCHARD PARK RD

Lab Number: L1410982

Report Date: 05/22/14

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
L1410982-01	INDOOR AMBIENT AIR	0379	#16 AMB	05/20/14	102993		-	-	-	Pass	6.7	6.7	0
L1410982-01	INDOOR AMBIENT AIR	1628	6.0L Can	05/20/14	102993	L1410129-03	Pass	-28.2	-5.1	-	-	-	-
L1410982-02	OUTDOOR AMBIENT AIR	0240	#16 AMB	05/20/14	102993		-	-	-	Pass	6.7	6.8	1
L1410982-02	OUTDOOR AMBIENT AIR	1778	6.0L Can	05/20/14	102993	L1410129-03	Pass	-29.5	-9.4	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1410129
Report Date: 05/22/14

Air Canister Certification Results

Lab ID: L1410129-03
Client ID: CAN 985 SHELF 44
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 05/13/14 12:38
Analyst: MB

Date Collected: 05/12/14 20:56
Date Received: 05/13/14
Field Prep: Not Specified

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								
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	2.50	--	ND	4.71	--		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	0.200	--	ND	0.434	--		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
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1410129
Report Date: 05/22/14

Air Canister Certification Results

Lab ID: L1410129-03
Client ID: CAN 985 SHELF 44
Sample Location:
Date Collected: 05/12/14 20:56
Date Received: 05/13/14
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	1.00	--	ND	3.47	--		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	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		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	0.200	--	ND	0.590	--		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
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
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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1410129
Report Date: 05/22/14

Air Canister Certification Results

Lab ID: L1410129-03
Client ID: CAN 985 SHELF 44
Sample Location:
Date Collected: 05/12/14 20:56
Date Received: 05/13/14
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
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	0.200	--	ND	0.820	--		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
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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1410129
Report Date: 05/22/14

Air Canister Certification Results

Lab ID: L1410129-03
Client ID: CAN 985 SHELF 44
Sample Location:
Date Collected: 05/12/14 20:56
Date Received: 05/13/14
Field Prep: Not Specified

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

	Results	**Qualifier**	**Units**	**RDL**	**Dilution Factor**
Tentatively Identified Compounds					
No Tentatively Identified Compounds					

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1410129

Project Number: CANISTER QC BAT **Report Date:** 05/22/14

Air Canister Certification Results

Lab ID: L1410129-03 Date Collected: 05/12/14 20:56

Client ID: CAN 985 SHELF 44 Date Received: 05/13/14

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	110		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	99		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1410129

Project Number: CANISTER QC BAT **Report Date:** 05/22/14

Air Canister Certification Results

Lab ID: L1410129-03
Client ID: CAN 985 SHELF 44
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 05/13/14 12:38
Analyst: MB

Date Collected: 05/12/14 20:56
Date Received: 05/13/14
Field Prep: Not Specified

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								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		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	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		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	1.00	--	ND	3.47	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		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	0.020	--	ND	0.072	--		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: L1410129
Report Date: 05/22/14

Air Canister Certification Results

Lab ID: L1410129-03
Client ID: CAN 985 SHELF 44
Sample Location:
Date Collected: 05/12/14 20:56
Date Received: 05/13/14
Field Prep: Not Specified

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	0.020	--	ND	0.092	--		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	0.500	--	ND	2.46	--		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
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1410129

Project Number: CANISTER QC BAT **Report Date:** 05/22/14

Air Canister Certification Results

Lab ID: L1410129-03 Date Collected: 05/12/14 20:56

Client ID: CAN 985 SHELF 44 Date Received: 05/13/14

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.500	--	ND	2.74	--		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	112		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	103		60-140

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PARK RD

Lab Number: L1410982
Report Date: 05/22/14

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information **Custody Seal**
Cooler
N/A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1410982-01A	Canister - 6 Liter	N/A	N/A		Y	Absent	TO15-LL(30),TO15-SIM(30)
L1410982-02A	Canister - 6 Liter	N/A	N/A		Y	Absent	TO15-LL(30),TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	3021 ORCHARD PARK RD	**Lab Number:**	L1410982
Project Number:	3021 ORCHARD PARK RD	**Report Date:**	05/22/14

GLOSSARY

Acronyms

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).

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.

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.

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.

NI - Not Ignitable.

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.

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

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.

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.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

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.

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.

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.

Report Format: Data Usability Report

Project Name:	3021 ORCHARD PARK RD	**Lab Number:**	L1410982
Project Number:	3021 ORCHARD PARK RD	**Report Date:**	05/22/14

Data Qualifiers

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.

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

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.

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.

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

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

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

Last revised April 15, 2014

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

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
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.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: 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**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: 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: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

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

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

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

Date Rec'd in Lab:

ALPHA Job #: L1410982

Client Information

Client: TURNKEY
Address: 2558 HAMBURG TURNPIKE
Phone: 716 856-0599
Fax:
Email: MLESAKOWSKI@BENCHMARKTURNKEY.COM
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 3021 ORCHARD PARK RD
Project Location: 3021 ORCHARD PARK RD
Project #:
Project Manager: MIKE LESAKOWSKI
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: 5/22/2014 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	Criteria

Other Project Specific Requirements/Comments:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS: TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-4 / TO-10	Sample Comments (i.e. PID)
01	SUBSLAB VAPOR	5/20/14	23:15	11:21	-29.6	-4.79	SV	JCT	6 L	1823	0390								
02	INDOOR AMBIENT AIR	5/20/14	23:15	11:22	-28.2	-4.90	AA-I	JCT	6 L	1628	0379								
03	OUTDOOR AMBIENT AIR	5/20/14	23:20	12:50	-29.5	-8.70	AA-O	JCT	6 L	1778	0240								

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

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Relinquished By:	Date/Time	Received By:	Date/Time:
[signature]	5/21 12:55	[signature]	5/21/14 12:55
[signature]	5/21 14 3:00	[signature]	5/21/14 3:00
[signature]	5/21 14 17:15	[signature]	5/21/14 17:15
[signature]	5/21/14 23:25	[signature]	5/21/14 23:25

5/22/14 0000
midmanfield 5/22/14 0600

ANALYTICAL REPORT

Lab Number:	L1410983
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Mike Lesakowski
Phone:	(716) 856-0599
Project Name:	3021 ORCHARD PARK RD
Project Number:	3021 ORCHARD PARK RD
Report Date:	05/22/14

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: NY (11627), CT (PH-0141), NH (2206), NJ NELAP (MA015), RI (LAO00299), PA (68-02089), LA NELAP (03090), FL (E87814), TX (T104704419), WA (C954), DOD (L2217.01), USDA (Permit #P330-11-00109), US Army Corps of Engineers.

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

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PARK RD

Lab Number: L1410983
Report Date: 05/22/14

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1410983-01	SUBSLAB VAPOR	3021 ORCHARD PARK RD	05/21/14 11:21

Project Name:	3021 ORCHARD PARK RD	**Lab Number:**	L1410983
Project Number:	3021 ORCHARD PARK RD	**Report Date:**	05/22/14

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 all of the requirements of NELAC, for all NELAC accredited parameters. 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. 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. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name:	3021 ORCHARD PARK RD	**Lab Number:**	L1410983
Project Number:	3021 ORCHARD PARK RD	**Report Date:**	05/22/14

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on May 20, 2014. The canister certification results are provided as an addendum.

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: 05/22/14

AIR

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PARK RD
Lab Number: L1410983
Report Date: 05/22/14

SAMPLE RESULTS

Lab ID: L1410983-01
Client ID: SUBSLAB VAPOR
Sample Location: 3021 ORCHARD PARK RD
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 05/22/14 11:37
Analyst: RY

Date Collected: 05/21/14 11:21
Date Received: 05/21/14
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.326	0.200	--	1.61	0.989	--		1
Chloromethane	0.528	0.200	--	1.09	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	11.7	2.50	--	22.0	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	10.6	1.00	--	25.2	2.38	--		1
Trichlorofluoromethane	0.268	0.200	--	1.51	1.12	--		1
Isopropanol	1.00	0.500	--	2.46	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	4.79	1.00	--	16.6	3.47	--		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
2-Butanone	0.705	0.200	--	2.08	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PARK RD
Lab Number: L1410983
Report Date: 05/22/14

SAMPLE RESULTS

Lab ID: L1410983-01
Client ID: SUBSLAB VAPOR
Sample Location: 3021 ORCHARD PARK RD
Date Collected: 05/21/14 11:21
Date Received: 05/21/14
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		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
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
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.13	0.200	--	4.26	0.754	--		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
Tetrachloroethene	0.580	0.200	--	3.93	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.226	0.200	--	0.982	0.869	--		1
p/m-Xylene	0.862	0.400	--	3.74	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PARK RD
Lab Number: L1410983
Report Date: 05/22/14

SAMPLE RESULTS

Lab ID: L1410983-01
Client ID: SUBSLAB VAPOR
Sample Location: 3021 ORCHARD PARK RD
Date Collected: 05/21/14 11:21
Date Received: 05/21/14
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.337	0.200	--	1.46	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.460	0.200	--	2.26	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	109		60-140
Bromochloromethane	103		60-140
chlorobenzene-d5	100		60-140

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PARK RD
Lab Number: L1410983
Report Date: 05/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 05/21/14 17:02

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 for sample(s): 01 Batch: WG691460-4								
Propylene	ND	0.500	--	ND	0.861	--		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
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	1.00	--	ND	3.47	--		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	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PARK RD
Lab Number: L1410983
Report Date: 05/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 05/21/14 17:02

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 for sample(s): 01 Batch: WG691460-4								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.200	--	ND	0.590	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		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
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
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.200	--	ND	0.820	--		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
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
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PARK RD
Lab Number: L1410983
Report Date: 05/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 05/21/14 17:02

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 for sample(s): 01 Batch: WG691460-4								
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
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 3021 ORCHARD PARK RD

Lab Number: L1410983

Report Date: 05/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG691460-3								
Chlorodifluoromethane	100		-		70-130	-		
Propylene	112		-		70-130	-		
Propane	92		-		70-130	-		
Dichlorodifluoromethane	130		-		70-130	-		
Chloromethane	105		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	120		-		70-130	-		
Methanol	82		-		70-130	-		
Vinyl chloride	109		-		70-130	-		
1,3-Butadiene	107		-		70-130	-		
Butane	95		-		70-130	-		
Bromomethane	108		-		70-130	-		
Chloroethane	109		-		70-130	-		
Ethyl Alcohol	94		-		70-130	-		
Dichlorofluoromethane	103		-		70-130	-		
Vinyl bromide	112		-		70-130	-		
Acrolein	86		-		70-130	-		
Acetone	108		-		70-130	-		
Acetonitrile	93		-		70-130	-		
Trichlorofluoromethane	119		-		70-130	-		
iso-Propyl Alcohol	100		-		70-130	-		
Acrylonitrile	95		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 3021 ORCHARD PARK RD

Lab Number: L1410983

Report Date: 05/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG691460-3								
Pentane	97		-		70-130	-		
Ethyl ether	92		-		70-130	-		
1,1-Dichloroethene	109		-		70-130	-		
tert-Butyl Alcohol	98		-		70-130	-		
Methylene chloride	108		-		70-130	-		
3-Chloropropene	104		-		70-130	-		
Carbon disulfide	102		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	122		-		70-130	-		
trans-1,2-Dichloroethene	97		-		70-130	-		
1,1-Dichloroethane	106		-		70-130	-		
Methyl tert butyl ether	100		-		70-130	-		
Vinyl acetate	111		-		70-130	-		
2-Butanone	104		-		70-130	-		
cis-1,2-Dichloroethene	120		-		70-130	-		
Ethyl Acetate	105		-		70-130	-		
Chloroform	117		-		70-130	-		
Tetrahydrofuran	95		-		70-130	-		
2,2-Dichloropropane	96		-		70-130	-		
1,2-Dichloroethane	114		-		70-130	-		
n-Hexane	80		-		70-130	-		
Isopropyl Ether	83		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 3021 ORCHARD PARK RD

Lab Number: L1410983

Report Date: 05/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG691460-3								
Ethyl-Tert-Butyl-Ether	76		-		70-130	-		
1,1,1-Trichloroethane	90		-		70-130	-		
1,1-Dichloropropene	82		-		70-130	-		
Benzene	87		-		70-130	-		
Carbon tetrachloride	88		-		70-130	-		
Cyclohexane	81		-		70-130	-		
Tertiary-Amyl Methyl Ether	75		-		70-130	-		
Dibromomethane	84		-		70-130	-		
1,2-Dichloropropane	89		-		70-130	-		
Bromodichloromethane	83		-		70-130	-		
1,4-Dioxane	81		-		70-130	-		
Trichloroethene	95		-		70-130	-		
2,2,4-Trimethylpentane	81		-		70-130	-		
Methyl methacrylate	74		-		70-130	-		
Heptane	76		-		70-130	-		
cis-1,3-Dichloropropene	91		-		70-130	-		
4-Methyl-2-pentanone	76		-		70-130	-		
trans-1,3-Dichloropropene	76		-		70-130	-		
1,1,2-Trichloroethane	95		-		70-130	-		
Toluene	98		-		70-130	-		
1,3-Dichloropropane	90		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 3021 ORCHARD PARK RD

Lab Number: L1410983

Report Date: 05/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG691460-3								
2-Hexanone	88		-		70-130	-		
Dibromochloromethane	90		-		70-130	-		
1,2-Dibromoethane	104		-		70-130	-		
Butyl Acetate	90		-		70-130	-		
Octane	89		-		70-130	-		
Tetrachloroethene	105		-		70-130	-		
1,1,1,2-Tetrachloroethane	93		-		70-130	-		
Chlorobenzene	105		-		70-130	-		
Ethylbenzene	102		-		70-130	-		
p/m-Xylene	102		-		70-130	-		
Bromoform	83		-		70-130	-		
Styrene	104		-		70-130	-		
1,1,2,2-Tetrachloroethane	106		-		70-130	-		
o-Xylene	104		-		70-130	-		
1,2,3-Trichloropropane	93		-		70-130	-		
Nonane (C9)	86		-		70-130	-		
Isopropylbenzene	98		-		70-130	-		
Bromobenzene	93		-		70-130	-		
o-Chlorotoluene	97		-		70-130	-		
n-Propylbenzene	98		-		70-130	-		
p-Chlorotoluene	93		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 3021 ORCHARD PARK RD

Lab Number: L1410983

Report Date: 05/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG691460-3								
4-Ethyltoluene	90		-		70-130	-		
1,3,5-Trimethylbenzene	103		-		70-130	-		
tert-Butylbenzene	99		-		70-130	-		
1,2,4-Trimethylbenzene	107		-		70-130	-		
Decane (C10)	91		-		70-130	-		
Benzyl chloride	72		-		70-130	-		
1,3-Dichlorobenzene	109		-		70-130	-		
1,4-Dichlorobenzene	108		-		70-130	-		
sec-Butylbenzene	98		-		70-130	-		
p-Isopropyltoluene	92		-		70-130	-		
1,2-Dichlorobenzene	107		-		70-130	-		
n-Butylbenzene	101		-		70-130	-		
1,2-Dibromo-3-chloropropane	91		-		70-130	-		
Undecane	99		-		70-130	-		
Dodecane (C12)	108		-		70-130	-		
1,2,4-Trichlorobenzene	114		-		70-130	-		
Naphthalene	102		-		70-130	-		
1,2,3-Trichlorobenzene	99		-		70-130	-		
Hexachlorobutadiene	109		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PA

Lab Number: L1410983
Report Date: 05/22/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG691460-5 QC Sample: L1410651-01 Client ID: DUP Sample						
Propylene	ND	ND	ppbV	NC		25
Dichlorodifluoromethane	0.319	0.484	ppbV	**41**	Q	25
Chloromethane	0.535	0.645	ppbV	19		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethyl Alcohol	112	115	ppbV	3		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	11.5	11.5	ppbV	0		25
Trichlorofluoromethane	4.37	4.49	ppbV	3		25
iso-Propyl Alcohol	8.84	9.19	ppbV	4		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PA

Lab Number: L1410983
Report Date: 05/22/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG691460-5 QC Sample: L1410651-01 Client ID: DUP Sample					
1,1-Dichloroethane	ND	ND	ppbV	NC	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
Vinyl acetate	ND	ND	ppbV	NC	25
2-Butanone	1.02	0.994	ppbV	3	25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Ethyl Acetate	0.525	0.555	ppbV	6	25
Chloroform	ND	ND	ppbV	NC	25
Tetrahydrofuran	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
n-Hexane	ND	ND	ppbV	NC	25
1,1,1-Trichloroethane	ND	ND	ppbV	NC	25
Benzene	ND	ND	ppbV	NC	25
Carbon tetrachloride	ND	ND	ppbV	NC	25
Cyclohexane	0.227	0.266	ppbV	16	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
1,4-Dioxane	ND	ND	ppbV	NC	25
Trichloroethene	ND	ND	ppbV	NC	25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PA

Lab Number: L1410983
Report Date: 05/22/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG691460-5 QC Sample: L1410651-01 Client ID: DUP Sample					
Heptane	0.401	0.455	ppbV	13	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
Toluene	1.96	1.92	ppbV	2	25
2-Hexanone	ND	ND	ppbV	NC	25
Dibromochloromethane	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
Tetrachloroethene	2.04	1.96	ppbV	4	25
Chlorobenzene	ND	ND	ppbV	NC	25
Ethylbenzene	0.263	0.267	ppbV	2	25
p/m-Xylene	0.514	0.514	ppbV	0	25
Bromoform	ND	ND	ppbV	NC	25
Styrene	0.251	0.262	ppbV	4	25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC	25
o-Xylene	0.226	0.223	ppbV	1	25
4-Ethyltoluene	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC	25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PA

Lab Number: L1410983
Report Date: 05/22/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG691460-5 QC Sample: L1410651-01 Client ID: DUP Sample					
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC	25
Benzyl chloride	ND	ND	ppbV	NC	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC	25
Hexachlorobutadiene	ND	ND	ppbV	NC	25

Project Name: 3021 ORCHARD PARK RD

Lab Number: L1410983

Project Number: 3021 ORCHARD PARK RD

Report Date: 05/22/14

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
L1410983-01	SUBSLAB VAPOR	0390	#16 AMB	05/20/14	102993		-	-	-	Pass	6.7	7.0	4
L1410983-01	SUBSLAB VAPOR	1823	6.0L Can	05/20/14	102993	L1410129-03	Pass	-29.6	-4.8	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1410129
Report Date: 05/22/14

Air Canister Certification Results

Lab ID: L1410129-03
Client ID: CAN 985 SHELF 44
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 05/13/14 12:38
Analyst: MB

Date Collected: 05/12/14 20:56
Date Received: 05/13/14
Field Prep: Not Specified

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								
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	2.50	--	ND	4.71	--		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	0.200	--	ND	0.434	--		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
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1410129
Report Date: 05/22/14

Air Canister Certification Results

Lab ID: L1410129-03
Client ID: CAN 985 SHELF 44
Sample Location:

Date Collected: 05/12/14 20:56
Date Received: 05/13/14
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Methylene chloride	ND	1.00	--	ND	3.47	--		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	0.200	--	ND	0.704	--		1
2-Butanone	ND	0.200	--	ND	0.590	--		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	0.200	--	ND	0.590	--		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
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
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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1410129
Report Date: 05/22/14

Air Canister Certification Results

Lab ID: L1410129-03
Client ID: CAN 985 SHELF 44
Sample Location:
Date Collected: 05/12/14 20:56
Date Received: 05/13/14
Field Prep: Not Specified

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								
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	0.200	--	ND	0.820	--		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
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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1410129
Report Date: 05/22/14

Air Canister Certification Results

Lab ID: L1410129-03
Client ID: CAN 985 SHELF 44
Sample Location:

Date Collected: 05/12/14 20:56
Date Received: 05/13/14
Field Prep: Not Specified

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

	Results	**Qualifier**	**Units**	**RDL**	**Dilution Factor**
Tentatively Identified Compounds					
No Tentatively Identified Compounds					

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1410129

Project Number: CANISTER QC BAT **Report Date:** 05/22/14

Air Canister Certification Results

Lab ID: L1410129-03 Date Collected: 05/12/14 20:56

Client ID: CAN 985 SHELF 44 Date Received: 05/13/14

Sample Location: Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	110		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	99		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1410129

Project Number: CANISTER QC BAT **Report Date:** 05/22/14

Air Canister Certification Results

Lab ID: L1410129-03
Client ID: CAN 985 SHELF 44
Sample Location:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 05/13/14 12:38
Analyst: MB

Date Collected: 05/12/14 20:56
Date Received: 05/13/14
Field Prep: Not Specified

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								
Dichlorodifluoromethane	ND	0.050	--	ND	0.247	--		1
Chloromethane	ND	0.500	--	ND	1.03	--		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	0.020	--	ND	0.053	--		1
Acetone	ND	2.00	--	ND	4.75	--		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	1.00	--	ND	3.47	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
Halothane	ND	0.050	--	ND	0.404	--		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	0.020	--	ND	0.072	--		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: L1410129
Report Date: 05/22/14

Air Canister Certification Results

Lab ID: L1410129-03
Client ID: CAN 985 SHELF 44
Sample Location:
Date Collected: 05/12/14 20:56
Date Received: 05/13/14
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**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	0.020	--	ND	0.092	--		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	0.500	--	ND	2.46	--		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
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.500	--	ND	2.74	--		1
p-Isopropyltoluene	ND	0.500	--	ND	2.74	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1410129
Report Date: 05/22/14

Air Canister Certification Results

Lab ID: L1410129-03
Client ID: CAN 985 SHELF 44
Sample Location:
Date Collected: 05/12/14 20:56
Date Received: 05/13/14
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
n-Butylbenzene	ND	0.500	--	ND	2.74	--		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	112		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	103		60-140

Project Name: 3021 ORCHARD PARK RD
Project Number: 3021 ORCHARD PARK RD

Lab Number: L1410983
Report Date: 05/22/14

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information **Custody Seal**
Cooler
N/A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1410983-01A	Canister - 6 Liter	N/A	N/A		Y	Absent	TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	3021 ORCHARD PARK RD	**Lab Number:**	L1410983
Project Number:	3021 ORCHARD PARK RD	**Report Date:**	05/22/14

GLOSSARY

Acronyms

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).

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.

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.

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.

NI - Not Ignitable.

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.

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

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.

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.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

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.

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.

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.

Report Format: Data Usability Report

Project Name:	3021 ORCHARD PARK RD	**Lab Number:**	L1410983
Project Number:	3021 ORCHARD PARK RD	**Report Date:**	05/22/14

Data Qualifiers

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.

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

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.

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.

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

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

Report Format: Data Usability Report

Project Name:	3021 ORCHARD PARK RD	**Lab Number:**	L1410983
Project Number:	3021 ORCHARD PARK RD	**Report Date:**	05/22/14

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

Last revised April 15, 2014

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

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
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.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: 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**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: 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: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

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

L1410983

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

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

Date Rec'd in Lab:

ALPHA Job #: L1410982

Client Information

Client: TURNKEY
Address: 2558 HAMBURG TURNPIKE
Phone: 716 856-0599
Fax:
Email: MLESAKOWSKI@BENCHMARKTURNKEY.COM
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 3021 ORCHARD PARK Rd
Project Location: 3021 ORCHARD PARK Rd
Project #:
Project Manager: MIKE LESAKOWSKI
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: 5/22/2014 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	Criteria

Other Project Specific Requirements/Comments:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS TO-14A by TO-15	TO-15	TO-15 SIM	APH	FIXED GASES	TO-13A	TO-4 / TO-10	Sample Comments (i.e. PID)
01	SUBSLAB VAPOR	5/20/14	23:15	11:21	-29.6	-4.79	SV	JCT	6 L	1823	0390								
02	INDOOR AMBIENT AIR	5/20/14	23:15	11:22	-28.2	-4.90	AA-I	JCT	6 L	1628	0379								
03	OUTDOOR AMBIENT AIR	5/20/14	23:20	12:50	-29.5	-8.70	AA-O	JCT	6 L	1778	0240								

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

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Relinquished By:	Date/Time	Received By:	Date/Time:
[signature]	5/21 12:55	[signature]	5/21/14 12:55
[signature]	5/21 14:30	[signature]	5/21/14 15:00
[signature]	5/21/14 17:15	[signature]	5/21/14 17:15
[signature]	5/21/14 23:25	[signature]	5/21/14 23:25

w/ SAH 5/22/14 0000
w/manifield 5/22/14 0000

Form No: 101-02 (19-Jun-09)

ANALYTICAL REPORT

Lab Number:	L1411100
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Mike Lesakowski
Phone:	(716) 856-0599
Project Name:	3021-3041 ORCHARD PARK RD SITE
Project Number:	0304-014-001
Report Date:	05/23/14

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 3021-3041 ORCHARD PARK RD SITE
Project Number: 0304-014-001

Lab Number: L1411100
Report Date: 05/23/14

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1411100-01	TPMW-7	3021-3041 ORCHARD PARK RD	05/22/14 12:29
L1411100-02	TPMW-8	3021-3041 ORCHARD PARK RD	05/22/14 13:25
L1411100-03	TPMW-9	3021-3041 ORCHARD PARK RD	05/22/14 13:40
L1411100-04	TPMW-10	3021-3041 ORCHARD PARK RD	05/22/14 13:47
L1411100-05	TPMW-11	3021-3041 ORCHARD PARK RD	05/22/14 13:59

Project Name:	3021-3041 ORCHARD PARK RD SITE	**Lab Number:**	L1411100
Project Number:	0304-014-001	**Report Date:**	05/23/14

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 all of the requirements of NELAC, for all NELAC accredited parameters. 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. 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. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name:	3021-3041 ORCHARD PARK RD SITE	**Lab Number:**	L1411100
Project Number:	0304-014-001	**Report Date:**	05/23/14

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

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: Lisa Westerlind

Title: Technical Director/Representative Date: 05/23/14

ORGANICS

VOLATILES

Project Name: 3021-3041 ORCHARD PARK RD SITE **Lab Number:** L1411100

Project Number: 0304-014-001 **Report Date:** 05/23/14

SAMPLE RESULTS

Lab ID:	L1411100-01	Date Collected:	05/22/14 12:29
Client ID:	TPMW-7	Date Received:	05/22/14
Sample Location:	3021-3041 ORCHARD PARK RD	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260C		
Analytical Date:	05/23/14 11:25		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	2.0		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	2.7		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	1.8	J	ug/l	2.5	0.70	1
Trichloroethene	2.0		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1

Project Name: 3021-3041 ORCHARD PARK RD SITE **Lab Number:** L1411100

Project Number: 0304-014-001 **Report Date:** 05/23/14

SAMPLE RESULTS

Lab ID: L1411100-01 Date Collected: 05/22/14 12:29

Client ID: TPMW-7 Date Received: 05/22/14

Sample Location: 3021-3041 ORCHARD PARK RD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	30		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.0	J	ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	0.35	J	ug/l	10	0.24	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	0.65	J	ug/l	10	0.29	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	82		70-130
Dibromofluoromethane	100		70-130

Project Name: 3021-3041 ORCHARD PARK RD SITE **Lab Number:** L1411100

Project Number: 0304-014-001 **Report Date:** 05/23/14

SAMPLE RESULTS

Lab ID:	L1411100-02	Date Collected:	05/22/14 13:25
Client ID:	TPMW-8	Date Received:	05/22/14
Sample Location:	3021-3041 ORCHARD PARK RD	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260C		
Analytical Date:	05/23/14 11:53		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	0.16	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1

Project Name: 3021-3041 ORCHARD PARK RD SITE **Lab Number:** L1411100

Project Number: 0304-014-001 **Report Date:** 05/23/14

SAMPLE RESULTS

Lab ID: L1411100-02 Date Collected: 05/22/14 13:25

Client ID: TPMW-8 Date Received: 05/22/14

Sample Location: 3021-3041 ORCHARD PARK RD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	4.2	J	ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	0.54	J	ug/l	10	0.24	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	0.74	J	ug/l	10	0.29	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	99		70-130

Project Name: 3021-3041 ORCHARD PARK RD SITE **Lab Number:** L1411100

Project Number: 0304-014-001 **Report Date:** 05/23/14

SAMPLE RESULTS

Lab ID:	L1411100-03	Date Collected:	05/22/14 13:40
Client ID:	TPMW-9	Date Received:	05/22/14
Sample Location:	3021-3041 ORCHARD PARK RD	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260C		
Analytical Date:	05/23/14 12:20		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1

Project Name: 3021-3041 ORCHARD PARK RD SITE **Lab Number:** L1411100

Project Number: 0304-014-001 **Report Date:** 05/23/14

SAMPLE RESULTS

Lab ID: L1411100-03 Date Collected: 05/22/14 13:40

Client ID: TPMW-9 Date Received: 05/22/14

Sample Location: 3021-3041 ORCHARD PARK RD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	1.0	J	ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	7.6		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	4.3	J	ug/l	10	0.24	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	10		ug/l	10	0.29	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	82		70-130
Dibromofluoromethane	99		70-130

Project Name: 3021-3041 ORCHARD PARK RD SITE **Lab Number:** L1411100

Project Number: 0304-014-001 **Report Date:** 05/23/14

SAMPLE RESULTS

Lab ID:	L1411100-04	Date Collected:	05/22/14 13:47
Client ID:	TPMW-10	Date Received:	05/22/14
Sample Location:	3021-3041 ORCHARD PARK RD	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260C		
Analytical Date:	05/23/14 12:48		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	1.9	J	ug/l	2.5	0.70	1

Project Name: 3021-3041 ORCHARD PARK RD SITE **Lab Number:** L1411100

Project Number: 0304-014-001 **Report Date:** 05/23/14

SAMPLE RESULTS

Lab ID: L1411100-04 Date Collected: 05/22/14 13:47

Client ID: TPMW-10 Date Received: 05/22/14

Sample Location: 3021-3041 ORCHARD PARK RD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	13		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	1.3	J	ug/l	10	0.24	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	1.3	J	ug/l	10	0.29	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	101		70-130

Project Name: 3021-3041 ORCHARD PARK RD SITE **Lab Number:** L1411100

Project Number: 0304-014-001 **Report Date:** 05/23/14

SAMPLE RESULTS

Lab ID:	L1411100-05	Date Collected:	05/22/14 13:59
Client ID:	TPMW-11	Date Received:	05/22/14
Sample Location:	3021-3041 ORCHARD PARK RD	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260C		
Analytical Date:	05/23/14 13:16		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	15		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	1.2		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	11		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	0.24	J	ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	1.2	J	ug/l	2.5	0.70	1
Trichloroethene	11		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1

Project Name: 3021-3041 ORCHARD PARK RD SITE **Lab Number:** L1411100

Project Number: 0304-014-001 **Report Date:** 05/23/14

SAMPLE RESULTS

Lab ID: L1411100-05 Date Collected: 05/22/14 13:59

Client ID: TPMW-11 Date Received: 05/22/14

Sample Location: 3021-3041 ORCHARD PARK RD Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	87		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	7.0		ug/l	5.0	1.0	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	3.8	J	ug/l	10	0.24	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	8.2	J	ug/l	10	0.29	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	103		70-130

Project Name: 3021-3041 ORCHARD PARK RD SITE **Lab Number:** L1411100

Project Number: 0304-014-001 **Report Date:** 05/23/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/23/14 09:34
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG692042-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.33
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.17
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70

Project Name: 3021-3041 ORCHARD PARK RD SITE **Lab Number:** L1411100

Project Number: 0304-014-001 **Report Date:** 05/23/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 05/23/14 09:34
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG692042-3					
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.0
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.24
1,4-Dioxane	ND		ug/l	250	41.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.29

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	85		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021-3041 ORCHARD PARK RD SITE

Project Number: 0304-014-001

Lab Number: L1411100

Report Date: 05/23/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG692042-1 WG692042-2								
Methylene chloride	104		92		70-130	12		20
1,1-Dichloroethane	112		97		70-130	14		20
Chloroform	118		102		70-130	15		20
2-Chloroethylvinyl ether	78		**66**	Q	70-130	17		20
Carbon tetrachloride	116		101		63-132	14		20
1,2-Dichloropropane	109		94		70-130	15		20
Dibromochloromethane	107		92		63-130	15		20
1,1,2-Trichloroethane	111		95		70-130	16		20
Tetrachloroethene	119		104		70-130	13		20
Chlorobenzene	114		98		75-130	15		20
Trichlorofluoromethane	120		109		62-150	10		20
1,2-Dichloroethane	110		95		70-130	15		20
1,1,1-Trichloroethane	116		101		67-130	14		20
Bromodichloromethane	110		94		67-130	16		20
trans-1,3-Dichloropropene	114		98		70-130	15		20
cis-1,3-Dichloropropene	107		92		70-130	15		20
1,1-Dichloropropene	114		99		70-130	14		20
Bromoform	97		82		54-136	17		20
1,1,2,2-Tetrachloroethane	86		73		67-130	16		20
Benzene	112		97		70-130	14		20
Toluene	112		97		70-130	14		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021-3041 ORCHARD PARK RD SITE

Project Number: 0304-014-001

Lab Number: L1411100

Report Date: 05/23/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG692042-1 WG692042-2								
Ethylbenzene	117		101		70-130	15		20
Chloromethane	112		100		64-130	11		20
Bromomethane	88		84		39-139	5		20
Vinyl chloride	99		94		55-140	5		20
Chloroethane	128		115		55-138	11		20
1,1-Dichloroethene	112		99		61-145	12		20
trans-1,2-Dichloroethene	113		99		70-130	13		20
Trichloroethene	115		99		70-130	15		20
1,2-Dichlorobenzene	112		96		70-130	15		20
1,3-Dichlorobenzene	119		102		70-130	15		20
1,4-Dichlorobenzene	118		101		70-130	16		20
Methyl tert butyl ether	106		92		63-130	14		20
p/m-Xylene	129		112		70-130	14		20
o-Xylene	126		108		70-130	15		20
cis-1,2-Dichloroethene	114		97		70-130	16		20
Dibromomethane	104		90		70-130	14		20
1,2,3-Trichloropropane	95		86		64-130	10		20
Acrylonitrile	100		84		70-130	17		20
Isopropyl Ether	112		97		70-130	14		20
tert-Butyl Alcohol	94		81		70-130	15		20
Styrene	128		111		70-130	14		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021-3041 ORCHARD PARK RD SITE

Project Number: 0304-014-001

Lab Number: L1411100

Report Date: 05/23/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG692042-1 WG692042-2								
Dichlorodifluoromethane	112		99		36-147	12		20
Acetone	93		81		58-148	14		20
Carbon disulfide	108		96		51-130	12		20
2-Butanone	97		84		63-138	14		20
Vinyl acetate	109		92		70-130	17		20
4-Methyl-2-pentanone	89		76		59-130	16		20
2-Hexanone	86		73		57-130	16		20
Bromochloromethane	114		98		70-130	15		20
2,2-Dichloropropane	124		107		63-133	15		20
1,2-Dibromoethane	102		88		70-130	15		20
1,3-Dichloropropane	106		91		70-130	15		20
1,1,1,2-Tetrachloroethane	122		104		64-130	16		20
Bromobenzene	95		82		70-130	15		20
n-Butylbenzene	126		106		53-136	17		20
sec-Butylbenzene	118		100		70-130	17		20
tert-Butylbenzene	112		95		70-130	16		20
o-Chlorotoluene	113		96		70-130	16		20
p-Chlorotoluene	109		94		70-130	15		20
1,2-Dibromo-3-chloropropane	95		81		41-144	16		20
Hexachlorobutadiene	91		80		63-130	13		20
Isopropylbenzene	99		85		70-130	15		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021-3041 ORCHARD PARK RD SITE

Project Number: 0304-014-001

Lab Number: L1411100

Report Date: 05/23/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG692042-1 WG692042-2								
p-Isopropyltoluene	122		103		70-130	17		20
Naphthalene	77		**66**	Q	70-130	15		20
n-Propylbenzene	109		93		69-130	16		20
1,2,3-Trichlorobenzene	78		**68**	Q	70-130	14		20
1,2,4-Trichlorobenzene	103		88		70-130	16		20
1,3,5-Trimethylbenzene	123		105		64-130	16		20
1,2,4-Trimethylbenzene	117		100		70-130	16		20
Methyl Acetate	96		81		70-130	17		20
Ethyl Acetate	94		80		70-130	16		20
Cyclohexane	119		104		70-130	13		20
Ethyl-Tert-Butyl-Ether	112		97		70-130	14		20
Tertiary-Amyl Methyl Ether	106		92		66-130	14		20
1,4-Dioxane	110		76		56-162	**37**	Q	20
Freon-113	120		108		70-130	11		20
1,4-Diethylbenzene	120		103		70-130	15		20
4-Ethyltoluene	116		99		70-130	16		20
1,2,4,5-Tetramethylbenzene	116		99		70-130	16		20
Ethyl ether	117		102		59-134	14		20
trans-1,4-Dichloro-2-butene	80		**68**	Q	70-130	16		20
Iodomethane	70		**66**	Q	70-130	6		20
Methyl cyclohexane	123		106		70-130	15		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021-3041 ORCHARD PARK RD SITE

Project Number: 0304-014-001

Lab Number: L1411100

Report Date: 05/23/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG692042-1 WG692042-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		96		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	83		82		70-130
Dibromofluoromethane	104		104		70-130

Project Name: 3021-3041 ORCHARD PARK RD SITE
Project Number: 0304-014-001

Lab Number: L1411100
Report Date: 05/23/14

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information **Custody Seal**

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1411100-01A	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1411100-01B	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1411100-01C	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1411100-02A	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1411100-02B	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1411100-02C	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1411100-03A	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1411100-03B	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1411100-03C	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1411100-04A	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1411100-04B	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1411100-04C	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1411100-05A	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1411100-05B	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)
L1411100-05C	Vial HCl preserved	A	N/A	2.8	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	3021-3041 ORCHARD PARK RD SITE	**Lab Number:**	L1411100
Project Number:	0304-014-001	**Report Date:**	05/23/14

GLOSSARY

Acronyms

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).

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.

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.

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.

NI - Not Ignitable.

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.

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

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.

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.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

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.

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.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	3021-3041 ORCHARD PARK RD SITE	**Lab Number:**	L1411100
Project Number:	0304-014-001	**Report Date:**	05/23/14

Data Qualifiers

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.

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

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.

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.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	3021-3041 ORCHARD PARK RD SITE	**Lab Number:**	L1411100
Project Number:	0304-014-001	**Report Date:**	05/23/14

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

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

Last revised April 15, 2014

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

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
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.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: 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**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: 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: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

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

CHAIN OF CUSTODY

PAGE ____ OF ____

Date Rec'd in Lab: 5/22/14

ALPHA Job #: L1411100

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: TurnKey
Address: 2558 Hamburg Turnpike
Buffalo NY 14218
Phone: 716-856-0599
Fax: 716-856-0583
Email:
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 3021-3041 Orchard Park Rd Site
Project Location: 3021-3041 Orchard Park Rd
Project #: 0304-014-001
Project Manager: Mike Lesakowski
ALPHA Quote #:

Turn-Around Time

☐ Standard ☒ RUSH (only confirmed if pre-approved!)
Date Due: 5/23/14 Time:

Report Information - Data Deliverables

☐ FAX ~~☐ EMAIL~~
~~☒~~ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS: TCL VOC

SAMPLE HANDLING
Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOC	Sample Specific Comments	TOTAL # BOTTLES
11100.1	TPMW-7	5-22-14	12:29	GW	PWW	X		3
.2	TPMW-8		13:25			X		3
.3	TPMW-9		13:40			X		3
.4	TPMW-10		13:47			X		3
.5	TPMW-11		13:59			X		3

Container Type														
Preservative														

Relinquished By:	Date/Time	Received By:	Date/Time
	5-22-14 13:25	Alexandra Filly AAL	5-22-14 13:05
Alexandra Filly	5-22-14 17:15		5-22-14 17:15
	5-22-14 2000		5-22-14 2000
	5-22-14 2230	Archived Scott	5/23/14 2230

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: 01-01 (rev. 14-OCT-07)

APPENDIX A4

EMPIREGEO SERVICES, INC.
GEOTECHNICAL EVALUATION REPORT

EMPIRE GEO SERVICES, INC.
A SUBSIDIARY OF SJB SERVICES, INC.

December 3, 2014
Project No.: BE-14-190

R&P Oak Hill Development

c/o Ms. Jennifer Kinney
R&P Oak Hill Development
3556 Lakeshore Rd, Suite 620
Buffalo, New York 14219

Re: Geotechnical Evaluation Report for
Proposed Medical Campus Addition
Orchard Park, New York

Dear Ms. Kinney:

Empire Geo-Services, Inc. is pleased to submit two (2) copies of the enclosed Geotechnical Evaluation Report to R&P Oak Hill Development for the above referenced project. We have also e-mailed you an electronic copy (pdf file format) of this report, for your use.

Please contact me should you have any questions or wish to discuss this report. Thank you for considering Empire for this work and we look forward to working with you on this project, through its completion.

Sincerely,

EMPIRE GEO-SERVICES, INC.

Matthew J. Plizga, P.E.
Geotechnical Engineer

Enc.: Geotechnical Engineering Report (2 Copies)

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MEMBER
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Geotechnical Evaluation Report for Proposed Medical Campus Addition 3021-3041 Orchard Park Rd Orchard Park, New York

Prepared For:

R&P Oak Hill Development
3556 Lakeshore Rd, Suite 620
Buffalo, New York 14219

Prepared By:

Empire Geo-Services, Inc.
5167 South Park Avenue
Hamburg, New York 14075

12/3/14

Project No. BE-14-190
December 2014

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1.00 INTRODUCTION

1.10 GENERAL

This report presents the results of a subsurface exploration and geotechnical engineering evaluation completed by Empire Geo-Services, Inc. (Empire), for the proposed South Towns Medical Campus Addition at 3021-3041 Orchard Park Rd in the Town of Orchard Park, New York. The approximate location of the project site is shown on Figure 1.

R&P Oak Hill Development authorized Empire to complete the geotechnical evaluation, which was done in accordance with our proposal dated October 24th, 2014. SJB Services, Inc. (SJB), our affiliated drilling company, performed the subsurface exploration, which consisted of five (5) test borings drilled at the project site.

On this basis, Empire prepared this report, which summarizes the subsurface conditions encountered by the test borings and presents geotechnical recommendations for design and construction of the foundations and slab-on-grade for the proposed building addition, along with the associated site preparation work.

1.20 SITE AND PROJECT DESCRIPTION

The proposed building addition is planned at the Southtowns Medical Campus located at 3021-3041 Orchard Park Rd in the Town of Orchard Park. The addition, with approximately 1,600 S.F. of new space, is planned in the back southeast portion of the existing building. The addition area is currently an asphalt pavement access drive and parking area. The topography in the addition area is generally flat, with ground surface elevations at the boring locations ranging between about elevation (El.) 99.1 feet and El. 99.4 feet, based on the assumed elevation datum (benchmark) described below.

The proposed addition project is expected to consist of the following.

- The addition will consist of a single story structure, which will be supported on a shallow spread foundation system;
- No basement or depressed pit structures are planned;
- The floor construction is planned as slab-on-grade;

- The building will be designed for seismic loads per the Building Code of New York State (December 2010).

Figure 2 illustrates the existing site conditions, along with the proposed building location, as well as the approximate test boring locations.

2.00 SUBSURFACE EXPLORATION

The subsurface exploration program consisted of five (5) test borings drilled by SJB on November 10th and 11th, 2014. The borings are designated as borings B-4 through B-8, and their approximate locations are shown on Figure 2. Three (3) additional borings, designated as B-1 through B-3, where initially proposed for an additional building addition area, but were subsequently eliminated from the scope of this investigation and geotechnical evaluation.

The test boring locations were staked in the field by SJB, using tape measurements referenced to existing site features. Laser survey level measurements were utilized to determine the relative ground surface elevations at the test boring locations. These elevations were referenced to an assumed benchmark datum established by SJB on the finished floor below the overhead door, at the southeast corner of the building, as shown on Figure 2. The benchmark was assigned an arbitrary elevation datum of 100.00 feet, by SJB.

The test borings were each drilled through the overburden to sample spoon and auger refusal (apparent bedrock refusal), which was encountered at depths ranging between 16.4 feet to 21.6 feet below the existing ground surface (bgs). The test borings were made using a Central Mine Equipment (CME), model 550X rubber tire, all-terrain (ATV) vehicle drill rig. The borings were advanced through the overburden using hollow stem auger and split spoon sampling techniques. Split spoon samples and Standard Penetration Tests (SPTs) were taken continuously from the ground surface to 12 feet bgs and then in 5 foot intervals until auger refusal. The split spoon sampling and SPT's were completed in general accordance with *ASTM D 1586 - "Standard Test Method for Penetration Test and Split-Barrel Sampling of Soils"*.

The refusal material encountered in boring B-6 was cored using an NQ '2' size double tube core barrel in accordance with *ASTM D 2113 – "Standard Practice for Rock Core Drilling and Sampling of Rock for Site Investigation"*. The core sampling was advanced 5 feet into the bedrock at this location.

A geologist prepared the test boring logs based on visual observation of the recovered soil samples and recovered bedrock core, along with review of the driller's field notes. The soil samples were described based on a visual/manual estimation of the grain size distribution, along with characteristics such as color, relative density, consistency, moisture, etc. The recovered rock core from boring B-6 was also described, including characteristics such as color, rock type, hardness, weathering, bedding thickness, core recovery and rock quality designation (RQD). The test boring logs are presented in Appendix A, along with general information and a key of terms and symbols used to prepare the logs.

3.00 SUBSURFACE CONDITIONS

The general stratigraphy encountered by the test borings included a surface layer of asphalt with underlying fill at each boring location. The asphalt thickness varied from 2 inches to 4 inches.

The asphalt material thickness measurements noted by the driller are at widely spaced locations. Therefore, these measurements should not be solely relied on for accurate construction quantity estimates. Accordingly, we recommend the Contractor, and/or others, make their own detailed observations and measurements, prior to bidding and construction, to determine the quantities, costs and efforts that will be required for asphalt material removal and associated replacement with appropriate suitable fill materials.

Below the asphalt was a fill layer at each boring. The fill consisted of gray black slag, black and brown sand, gray black crushed stone and black shale with some sand, silt, and gravel. The fill layer thickness varied between boring locations ranging from 2 feet in B-6 to 6 feet in B-8. It should be expected that the fill / disturbed soils will vary between and away from the boring locations and will be dependent upon the original native site topography, as well as the extent to which the site has been previously disturbed by past uses.

Below the fill was indigenous clayey silt, silty clay, sandy silt, silt and sand soil deposits. Occasional shale and boulder fragments were also noted in B-7. The indigenous soils are classified as ML, CL and SM group soils using the Unified Soil Classification System (ASTM D2488).

Standard Penetration Test (SPT) "N" values obtained in the indigenous soils ranged from 11 to 16 for the granular soils and 7 to 21 for cohesive soils. The SPT "N" values indicate the relative density of the more granular silty sand soils

are of a firm nature, while the more fine grained and cohesive clayey silt and silty clay soils range between a medium and very stiff consistency.

Highly weathered Shale bedrock was encountered in each of the test borings at depths varying from about 13 feet to 16 feet. The highly weathered Shale bedrock is of a highly friable and soil like matrix. The borings were able to be advanced several feet into the bedrock material by augering and split spoon sampling methods. Sample Spoon Refusal – "REF" (i.e. 50 blows to advance the split spoon with 6-inches or less of penetration) was encountered throughout some of the weathered shale bedrock zone. However, it was possible to fully split spoon sample (i.e. penetrate the entire 2 feet depth) into the Shale, on occasion, at a couple of boring locations. The SPT "N" values typically ranged from about 15 to 88 when "REF" was not encountered.

Apparent more competent bedrock (auger refusal) was encountered at depths ranging between 16.4 feet to 21.6 feet.

The bedrock cored at boring location B-6 consisted of gray black, soft to medium hard, highly to slightly weathered, thinly bedded shale rock. The core recovery was approximately 40% and the rock quality designation (RQD) value was 0% indicating the rock cored has a very poor rock mass quality.

Water level measurements were made in the test borings following the completion of drilling. Freestanding water was present at B-5 and B-7 ranging between 12.7 feet and 4.8 feet bgs, respectively. It is possible that groundwater might not have had sufficient time to fully accumulate and/or stabilize in the other boring holes within the time period that had elapsed from the completion of drilling operations and the time of these measurements.

Based on the observations following auger drilling, it appears some zones of perched or trapped groundwater may be present, and therefore should be anticipated during construction. The installation of a groundwater observation well would help to better define the potential groundwater levels present on the site, as well as their potential fluctuations. It should be expected that groundwater conditions could vary with location and with changes in soil conditions, precipitation and seasonal conditions.

The soil and bedrock stratigraphy encountered and the groundwater conditions observed are described further and in more detail on the boring logs in Appendix A.

4.00 GEOTECHNICAL CONSIDERATIONS AND RECOMMENDATIONS

4.10 GENERAL

Based on the soil conditions encountered at the test boring locations, it is Empire's opinion that the subsurface conditions are generally suitable for construction of the planned Medical Campus Addition using a conventional spread foundation system, with slab-on-grade floor construction, as currently proposed.

The geotechnical issues, which should be addressed, include the removal of all existing fill soils where present beneath the proposed foundation bearing grades, along with the proper preparation of the foundation bearing grades and the subgrades for the slab-on-grade floor construction. In addition, it will also be necessary to protect the footings and foundation walls of the existing building against potential undermining and lateral instability during excavation and construction of the new adjacent foundations.

The building floor slab may be constructed as slab-on-grade following preparation of the existing subgrades as discussed in Section 4.50.3.

Based on the subsurface conditions at the project site and rock located within the upper 20 feet the site can be classified as Seismic Site Class "C" in accordance with Table 1613.5.2 of the Building Code of New York State - December 2010 (NYS Building Code). Therefore, seismic design may be based on this site classification.

4.20 FOUNDATION DESIGN

The building foundations should bear on suitable, relatively undisturbed "stiff" to "very stiff" consistency indigenous clayey silt or silty clay soil bearing grades or they may bear on Engineered Fill (i.e. compacted Structural Fill or suitable flowable backfill) placed over the suitable indigenous soil bearing subgrades, following removal of the fill soils, and any other unsuitable soils, which extend below the proposed footings.

Suitable indigenous soil bearing subgrades should be free of existing fill, organics, soft, loose, wet, "mucky" or otherwise deleterious material. Suitable bearing subgrade depths/elevations encountered at the building addition area test boring locations are presented on the following table.

Recommended Suitable Subgrade Depth and Elevation for Spread Foundation or Engineered Fill		
Boring No.	Ground Surface Elevation (Feet)	Suitable Subgrade Depth/Elevation (Feet)
B-4	99.4	3.0 / 96.4
B-5	99.3	4.0 / 95.3
B-6	99.2	2.0 / 97.2
B-7	99.4	2.0 / 97.4
B-8	99.1	6.0 / 93.1

In general the foundations should bear at or below these grades or on Engineered Fill, which is placed following excavation to these grades. Subsurface conditions may vary between and away from the exploration locations and therefore could require adjustments in the suitable subgrade elevation based on actual conditions encountered at the time of construction. Accordingly, close full time inspection of the foundation bearing subgrades, by qualified geotechnical personnel, is recommended as the excavations are made at the time of construction.

If it is necessary to place Structural Fill beneath the foundations, it should be placed beyond the foundation limits a horizontal distance equal to at least 0.5 times the thickness of the Structural Fill layer beneath the foundation. Excavations, therefore, will need to be planned and sized accordingly. Recommendations for Structural Fill material along with its placement and/or compaction are presented in Appendix B.

Flowable backfill material, if used, should be a non-swelling type material and should have a minimum 28-day compressive strength (f'c) of 250 pounds per square inch (psi). The flowable backfill should extend at least 12 inches horizontally beyond the foundation limits for its entire depth.

Where new foundations for the additions meet the existing building, the new foundations should meet the bearing grade of the existing spread foundation, which it will abut. This may require stepping the new foundation up or down away from the existing foundation to meet the design bearing grades for the addition. The existing foundations should also be protected from undermining or

loss of lateral support during excavation and construction of the new adjacent foundations.

Foundations constructed on suitable indigenous soil bearing grades or on Engineered Fill, which is properly placed over the suitable bearing grades can be sized based on a maximum net allowable bearing pressure of 2,000 pounds per square foot (psf).

Continuous wall footings should be at least 2.0 feet in width and column/individual footings should be at least 3.0 feet in width. Exterior foundations should be embedded a minimum of 4.0 feet below finished exterior grades for frost protection. Interior foundations should be embedded a minimum of 2.0 feet below the finished floor elevation in order to develop adequate bearing capacity. All foundations, however, should bear on suitable bearing subgrades in accordance with the recommendations presented above.

It is estimated that spread foundations sized and properly constructed in accordance with our recommendations will undergo total settlement of less than ¾ -inch.

4.30 FLOOR SLABS

The building floors can be constructed as slab-on-grade following proper subgrade preparation. All concrete, asphalt, vegetation, topsoil, and organics present beneath the proposed building area floors should be removed. Any resulting undercut excavations should be backfilled with Structural Fill or Suitable Granular Fill as described in Appendix B. Following excavation to the slab-on-grade subgrade, the exposed subgrades should be proof-rolled and evaluated in accordance with our recommendations presented in Section 4.50.3.

A minimum of 6 inches of Subbase Stone, as described in Appendix B, is recommended beneath lightly loaded floor slabs. A suitable stabilization/separation geotextile, such as Mirafi 500X, should be placed over the existing soil subgrades prior to placement of the Subbase Stone layer.

We note that the above subbase stone thickness is not designed for carrying construction vehicle loads. Therefore, it may be desirable for the Contractor to temporarily increase the Subbase Stone thickness within the building pad area to provide a suitable working surface to stage the construction, carry construction vehicle loads and protect the underlying subgrades. This will be particularly important if construction proceeds during seasonally wet periods. The additional

subbase stone material could then be removed and re-graded in preparation for the actual floor construction and re-used as foundation backfill, pavement subbase, or as otherwise determined appropriate.

The floor slabs can be designed in accordance with procedures recommended by the Portland Cement Association or the American Concrete Institute, using a modulus of subgrade reaction of 150 pounds per cubic inch at the top of the subbase layer.

A moisture barrier does not appear warranted provided the floor slabs are constructed at or above final site grades, or unless otherwise recommended by the finished flooring manufacturer. It is recommended that the slab-on-grade be constructed such that it floats on the subbase and subgrades and is not structurally connected to, or resting directly on, perimeter walls or column footings in order to limit differential settlement effects.

4.40 SEISMIC DESIGN CONSIDERATIONS

The subsurface conditions encountered in the test borings consist of less than 20 feet of overburden soil overlying shale bedrock. Accordingly, the upper 100 feet of the proposed building site can be classified as Seismic Site Class "C" in accordance with Table 1613.5.2 of the Building Code of New York State (December 2010). In addition, the subsurface conditions encountered are not considered to be susceptible to potential liquefaction in the case of a seismic event. Therefore, seismic design may be based on this seismic site classification.

The spectral response accelerations in the area of the project site (3021-3041 Orchard Park Rd in the Town of Orchard Park, New York) were obtained by Empire using the United States Geological Survey (USGS) web site application (https://geohazards.usgs.gov/secure/designmaps/us/). The accelerations are based on the 2009 NEHRP Recommended Seismic Provisions, which makes use of the 2008 USGS seismic hazard data. The uniform hazard acceleration values obtained from this application were then adjusted, as recommended by the USGS, to obtain the 2% probability in 50 years mapped geometric mean accelerations, as presented in the NYS Building Code.

The calculated geometric mean spectral response accelerations for Site Class "B" soils are 0.206g for the short period (0.2 second) response (S_S) and 0.060g for the one second response (S_1). For design purposes, these spectral response accelerations were then adjusted for the Seismic Site Class "C" soil profile determined for the project site.

Accordingly, the adjusted spectral response accelerations for Site Class "C" are as follows:

- Short Period Response (S_{MS}) - 0.255g
- 1 Second Period Response (S_{M1}) - 0.085g

The corresponding five percent damped design spectral response accelerations (S_{DS} and S_{D1}) are as follows:

- S_{DS} - 0.170g
- S_{D1} - 0.057g

4.50 SITE PREPARATION AND CONSTRUCTION

4.50.1 Construction Dewatering

Construction dewatering for surface water control and for any excavations, which encounter groundwater seepage conditions should be implemented in conjunction with the excavation work such that the work proceeds in the dry. Groundwater, if encountered, should be intercepted and maintained at least 1 to 2 feet below the proposed excavation bottom. It is anticipated that the use of diversion berms, proper site grading, cut-off trenches, drainage stone layers, and underdrains, in conjunction with conventional sump and pump methods of dewatering, should generally be sufficient to control surface water and localized groundwater conditions, should they be encountered.

4.50.2 Excavation and Foundation Construction

Excavation to the proposed bearing grades for the foundation construction should be performed using a method, which reduces disturbance to the bearing grade soils. All existing structures, asphalt, fill, organic soils, or otherwise deleterious soil material, beneath the proposed foundation bearing grades, should be removed. Any resulting over-excavations should be backfilled with Engineer Fill.

The indigenous soil bearing grades should be observed and evaluated by a representative of Empire, prior to placement of Engineered Fill and/or the foundation structure. Placement and compaction of Structural Fill beneath foundations should also be observed and tested by a representative of Empire.

All soil bearing grades for foundation construction should be protected from precipitation and surface water. The indigenous soils will be sensitive to disturbance and strength degradation when in the presence of excess moisture. Where spread foundations are constructed directly on the indigenous soil bearing grades, and where construction of the foundations proceeds during seasonal wet periods and/or the foundations will not be constructed on the same day of the excavation, it may be desirable to place a 2 to 3-inch thick lean concrete mud mat in the excavation bottom to help protect the exposed subgrades and provide a suitable working surface for the foundation construction.

After completion of the foundation construction, the excavations should be backfilled as soon as possible and prior to construction of the superstructure. It is recommended that the foundation excavations be backfilled with a Structural Fill or Suitable Granular Fill material as described in Appendix B.

4.50.3 Subgrade Preparation for Slab-on-Grade Construction

The site preparation work to establish the building pad area should be performed during seasonal dry periods to minimize potential degradation of the subgrade soils and undercuts which may be required to establish a stable base for construction. It should be understood that the subgrade soils that will be exposed are sensitive and may degrade and lose strength when they are wet and disturbed by construction equipment traffic.

Accordingly, efforts should be made to maintain the subgrades in a dry and stable condition, and minimize construction traffic directly over these soils. These efforts should include installation of drainage swales to divert surface runoff and standing water away from the construction areas, sloping of the subgrade and "sealing" of the surface, at the end of each day or when rain is anticipated, with a smooth drum roller to promote runoff, and restricting construction equipment traffic from traveling directly over the subgrade surfaces, especially when they are wet.

All surface structures, asphalt, large root matter, vegetation, topsoil, and any other deleterious materials within the proposed slab-on-grade areas should be removed. Any resulting undercut excavations should be backfilled with Structural Fill or Suitable Granular Fill as described in Appendix B.

Following removal of the surface materials and excavation to the proposed subgrades, the exposed existing soil subgrades should be evaluated and then proof-rolled. Any deleterious materials, such as organics, soft or wet soils, debris, etc.,

which are present at the bottom of the subgrade excavation, should be further undercut, removed, and replaced with suitable engineered fill material.

The subgrade proof-rolling should be performed using a smooth drum roller weighing at least 7 tons. The roller should be operated in the static mode for the proof rolling. The roller should complete at least two (2) passes over the subgrade areas for the proof rolling evaluation.

The subgrade proof-rolling should be done under the guidance of, and observed by, a representative of Empire. In some cases, it may be necessary to waive the proof-rolling requirement which will be dependent on the type of subgrade conditions exposed and/or if any wet subgrades are present. This should be determined by Empire. Any undercuts, which may be required as the result of the inspection, compaction and proof-rolling, should be performed based on guidance and evaluation of the conditions by Empire.

Resulting undercuts/over-excavations should generally be backfilled with additional Subbase material. The placement of an initial lift of oversized stone fill material (i.e. “surge stone”, “6-inch minus crusher run stone”, No.3 & No.4 Stone/Crushed Gravel, etc.), encased in stabilization geotextile (i.e. Mirafi 500X or suitable equivalent) top and bottom, can also be used to help stabilize subgrades prior to the subgrade fill or subbase placement, if any of the existing subgrades are found to be in a soft/wet condition.

Subgrade fill placement, as necessary to raise the site grades, may precede following preparation and acceptance of the existing soil subgrades. The subgrade fill should be placed to a stable condition and should not “pump” or show signs of movement or significant deflection (i.e. unstable conditions) as it is being constructed. Any unsuitable conditions should be undercut and removed. The fill subgrades should also be properly graded, drained and protected from moisture and frost. Placement of fill over wet, soft, snow covered or frozen subgrade is not acceptable.

Suitable Granular Fill or Structural Fill as described below, or other suitable imported soil materials, can be used as subgrade fill to raise the existing site grades for the building slab-on-grade construction. Empire, however, should be consulted regarding the acceptability of any materials, which do not meet the requirements stated below for Suitable Granular Fill or Structural Fill. All fill placement and compaction should be closely monitored and tested on a “full-time” basis by a representative of Empire.

5.00 CONCLUDING REMARKS

This report was prepared to assist in the design and construction of the proposed South Towns Medical Campus Addition at 3021-3041 Orchard Park Rd in the Town of Orchard Park, New York. The report has been prepared for the exclusive use of R&P Oak Hill Development, and other members of the design team, for specific application to this site and this project only.

The recommendations were prepared based on Empire Geo-Services, Inc.'s understanding of the proposed project, as described herein, and through the application of generally accepted soils and foundation engineering practices. No warranties, expressed or implied are made by the conclusions, opinions, recommendations or services provided.

Empire Geo-Services, Inc. should be informed of any changes to the planned construction so that it may be determined if any modifications to the recommendations presented in this report are warranted. Empire Geo-Services, Inc. should also be retained to review final plans and specifications and to monitor the foundation and site preparation construction to verify that the recommendations were properly interpreted and implemented.

Additional information regarding the use and interpretation of this report is presented in Appendix C.

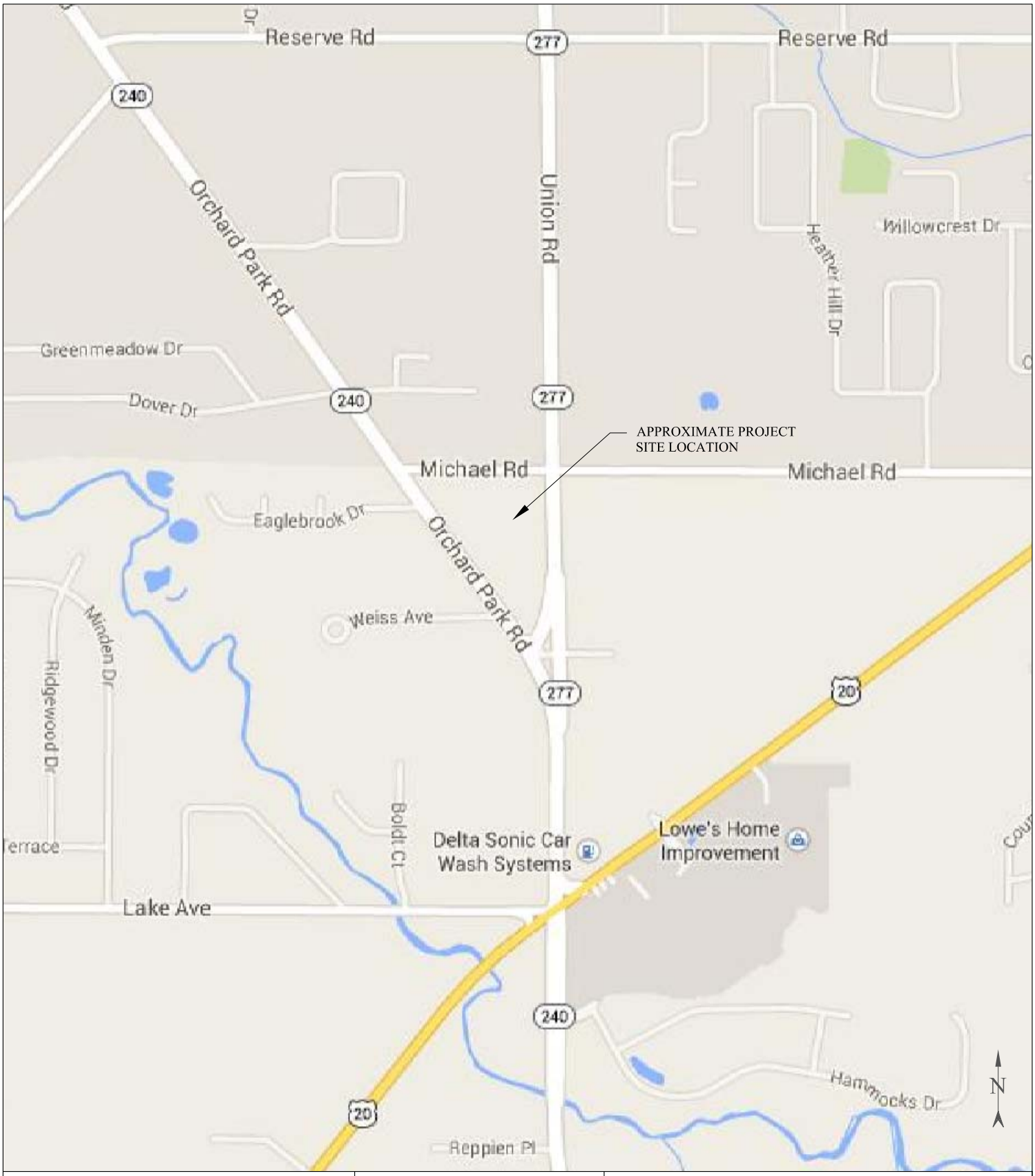
Respectfully Submitted:

EMPIRE GEO-SERVICES, INC.

Matthew J. Plizga, P.E.
Geotechnical Engineer

John J. Danzer, P.E.
Senior Geotechnical Engineer

FIGURES



LEGEND:

*FIGURE PROVIDED BY GOOGLE MAPS

EMPIRE GEO SERVICES INC
a subsidiary of SJB Services, Inc.

PROPOSED MEDICAL CAMPUS ADDITION
3021-3041 ORCHARD PARK RD
ORCHARD PARK, NEW YORK

SITE LOCATION PLAN

DWG. BY: MJP	APPROX. SCALE: NTS	DATE: 11/25/14
CHKD BY: JJD	PROJ NO.: BE-14-190	FIGURE NO: 1

*FIGURE PROVIDED BY DARYL MARTIN ARCHITECT

LEGEND:

BM ▲ INDICATES APPROXIMATE BENCHMARK LOCATION. FINISHED FLOOR @ OVER HEAD DOOR. ASSIGNED ELEVATION = 100.0 FEET BY SJB.

B-3 ⊕ INDICATES APPROXIMATE LOCATION AND DESIGNATION OF TEST BORINGS.

EMPIRE GEO SERVICES INC
a subsidiary of SJB Services, Inc.

PROPOSED MEDICAL CAMPUS ADDITION
3021-3041 ORCHARD PARK RD
ORCHARD PARK, NEW YORK

SUBSURFACE EXPLORATION PLAN

MOD. BY: MJP	APPROX. SCALE: NTS	DATE: 11/25/14
CHKD BY: JJD	PROJ NO.: BE-14-190	FIGURE NO: 2

APPENDIX A

SUBSURFACE EXPLORATION LOGS

GENERAL INFORMATION & KEY TO SUBSURFACE LOGS

The Subsurface Logs attached to this report present the observations and mechanical data collected by the driller at the site, supplemented by classification of the material removed from the borings as determined through visual identification by technicians in the laboratory. It is cautioned that the materials removed from the borings represent only a fraction of the total volume of the deposits at the site and may not necessarily be representative of the subsurface condition between adjacent borings or between the sampled intervals. The data presented of the Subsurface Logs together with the recovered samples provide a basis for evaluating the character of the subsurface conditions relative to the project. The evaluation must consider all the recorded details and their procedures to more accurately evaluate the subsurface conditions. Any evaluation of the contents of this report and recovered samples must be performed by qualified professionals. The following information defines some of the procedures and terms used of the Subsurface Logs to describe the conditions encountered, consistent with the numbered identifiers shown on the Key opposite this page.

1. **The figures in the Depth column define the scale of the Subsurface Log.**
2. **The Samples column shows, graphically, the depth range from which a sample was recovered. See Table I for descriptions of the symbols used to represent the various types of samples.**
3. **The Sample No. is used for identification on sample containers and/or Laboratory Test Reports.**
4. **Blows on Sampler – shows the results of the "Penetration Test", recording the number of blows required to drive a split spoon sampler into the soil. The number of blows required for each six inches is recorded. The first 6 inches of penetration is considered a seating drive. The number of blows required for the second and third 6 inches of penetration is termed the penetration resistance, N.**
5. **Blows on Casing – Shows the number of blows required to advance the casing a distance of 12 inches. The casing size, hammer weight, and length of drop are noted at the bottom of the Subsurface Log. If the casing is advanced by means other than driving, the method of advancement will be indicated in the Notes column or under the Method of Investigation at the bottom of the Subsurface Log. Alternatively, sample recovery may be shown in this column or other data consistent with the column heading.**
6. **All recovered soil samples are reviewed in the laboratory by an engineering technician, geologist, or geotechnical engineer, unless noted otherwise. Visual descriptions are made on the basis of a combination of the driller's field descriptions and noted observations together with the sample as received in the laboratory. The method of visual classification is based primarily on the Unified Soil Classification System (ASTM D 2487) with regard to the particle size and plasticity (See Table No. II), and the Unified Soil Classification System group symbols for the soil types are sometimes included with the soil classification. Additionally, the relative portion, by weight, of two or more soil types is described for granular soils in accordance with "Suggested Methods of Test for Identification of Soils" by D.M. Burmister, ASTM Special Technical Publication 479, June 1970. (See Table No. III). Description of the relative soil density or consistency is based upon the penetration records as defined in Table No. IV. The description of the soil moisture is based upon the relative wetness of the soil as recovered and is described as dry, moist, wet, and saturated. Water introduced into the boring either naturally or during drilling may have affected the moisture condition of the recovered sample. Special terms are used as required to describe soil deposition in greater detail; several such terms are listed in Table V. When sampling gravelly soils with a standard two inch diameter split spoon, the true percentage of gravel is often not recovered due to the relatively small sampler diameter. The presence of boulders and large gravel is sometimes, but not necessarily, detected by an evaluation of the casing and sampler blows or through the "action" of the drill rig as reported by the driller.**
7. **Rock description is based on review of the recovered rock core and the driller's notes. Frequently used rock classification terms are included in Table VI.**
8. **The stratification lines represent the approximate boundary between soil types and the transition may be gradual. Solid stratification lines delineate apparent changes in soil type, based upon review of recovered soil samples and the driller's notes. Dashed lines convey a lesser degree of certainty with respect to either a change in soil type or where such change may occur.**
9. **Miscellaneous observations and procedures noted by the driller are shown in this column, including water level observations. It is important to realize the reliability of the water level observations depends upon the soil type (water does not readily stabilize in a hole through fine grained soils), and that any drill water used to advance the boring may have influenced the observations. The ground water level will fluctuate seasonally, typically. One or more perched or trapped water levels may exist in the ground seasonally. All the available readings should be evaluated. If definite conclusions cannot be made, it is often prudent to examine the conditions more thoroughly through test pit excavations or groundwater observation wells.**
10. **The length of core run is defined as the length of penetration of the core barrel. Core recovery is the length of core recovered divided by the core run. The RQD (Rock Quality Designation) is the total length of pieces of NX core exceeding 4 inches divided by the core run. The size core barrel used is also noted in the Method of Investigation at the bottom of the Subsurface Log.**

DATE

STARTED _____

FINISHED _____

SHEET _____ OF _____

SJB SERVICES, INC.
SUBSURFACE LOG

PROJ. No. _____

HOLE No. _____

SURF. ELEV. _____

G.W. DEPTH _____

PROJECT _____ LOCATION _____

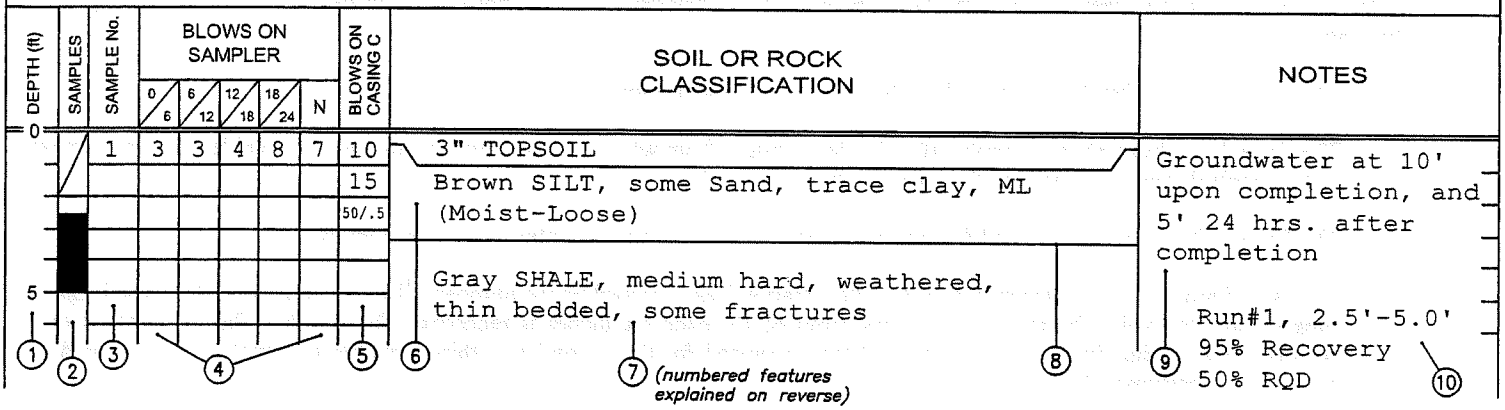


TABLE I

- Split Spoon Sample
- Shelby Tube Sample
- Geoprobe Macro-Core
- Auger or Test Pit Sample
- Rock Core

TABLE II

Identification of soil type is made on basis of an estimate of particle sizes, and in the case of fine grained soils also on basis of plasticity.

Soil Type	Soil Particle Size	
Boulder	>12"	Coarse Grained (Granular)
Cobble	3" - 12"	
Gravel - Coarse	3" - 3/4"	
- Fine	3/4" - #4	
Sand - Coarse	#4 - #10	
- Medium	#10 - #40	
- Fine	#40 - #200	
Silt - Non Plastic (Granular)	<#200	Fine Grained
Clay - Plastic (Cohesive)		

TABLE III

The following terms are used in classifying soils consisting of mixtures of two or more soil types. The estimate is based on weight of total sample.

Term	Percent of Total Sample
"and"	35 - 50
"some"	20 - 35
"little"	10 - 20
"trace"	less than 10

(When sampling gravelly soils with a standard split spoon, the true percentage of gravel is often not recovered due to the relatively small sampler diameter.)

TABLE IV

The relative compactness or consistency is described in accordance with the following terms:

Granular Soils		Cohesive Soils	
Term	Blows per Foot, N	Term	Blows per Foot, N
Loose	0 - 4	Very Soft	0 - 2
Loose	4 - 10	Soft	2 - 4
Firm	10 - 30	Medium	4 - 8
Compact	30 - 50	Stiff	8 - 15
Very Compact	>50	Very Stiff	15 - 30
		Hard	>30

(Large particles in the soils will often significantly influence the blows per foot recorded during the penetration test)

TABLE V

Varved	Horizontal uniform layers or seams of soil(s).
Layer	Soil deposit more than 6" thick.
Seam	Soil deposit less than 6" thick.
Parting	Soil deposit less than 1/8" thick.
Laminated	Irregular, horizontal and angled seams and partings of soil(s).

TABLE VI

Rock Classification Term		Meaning
Hardness	- Soft	Scratched by fingernail
	- Medium Hard	Scratched easily by penknife
	- Hard	Scratched with difficulty by penknife
	- Very Hard	Cannot be scratched by penknife
Weathering	- Very Weathered	Judged from the relative amounts of disintegration, iron staining, core recovery, clay seams, etc.
	- Weathered	
	- Sound	

Rock Classification Term		Meaning	
Bedding	- Laminated	(<1")	Natural breaks in Rock Layers
	- Thin Bedded	(1" - 4")	
	- Bedded	(4" - 12")	
	- Thick Bedded	(12" - 36")	
	- Massive	(>36")	

(Fracturing refers to natural breaks in the rock oriented at some angle to the rock layers)

DATE
START 11/11/2014
FINISH 11/11/2014
SHEET 1 OF 1

SJB SERVICES, INC.
SUBSURFACE LOG

HOLE NO. B-4
SURF. ELEV ± 99.4'
G.W. DEPTH See Notes

PROJECT: PROPOSED MEDICAL CAMPUS ADDITION LOCATION: 3021 - 3041 ORCHARD PARK RD
PROJ. NO.: BE-14-190 ORCHARD PARK, NY

DEPTH FT.	SMPL NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	N	SOIL OR ROCK CLASSIFICATION	NOTES
	1	5	6	4	10	ASPHALTIC CONCRETE	Driller notes approx. 2" Asphalt
						Gray-Black SLAG and f-c Sand, some Silt	
	2	4	4			(moist, FILL)	
		5	6		9	Brown Clayey SILT, tr.sand (moist, stiff, ML)	Poor Recovery Sample #2
5	3	3	4				
		4	6		8		
	4	5	5				
		5	6		10	(stiff)	
	5	3	4				
10		8	9		12		
	6	3	7			Gray SILT and f-c Sand, tr.shale (moist, firm, ML)	
		9	9		16		
	7	10	8				
		8	8		16		
15	8	6	7				
		8	14		15		
	9	37	28			Gray highly weathered SHALE Rock (moist)	
		31	41		59		
	10	12	28				
20		32	36		60		
25						Boring Complete with Auger Refusal at 21.6'	No Free Standing Water reading obtained at Boring Completion
30							
35							
40							

N = NO. BLOWS TO DRIVE 2-INCH SPOON 12-INCHES WITH A 140 LB. PIN WT. FALLING 30-INCHES PER BLOW

CLASSIFIED BY: Geologist

DRILLER: K. FULLER

DRILL RIG TYPE : CME-550X

METHOD OF INVESTIGATION ASTM D-1586 USING HOLLOW STEM AUGERS

DATE
START 11/11/2014
FINISH 11/11/2014
SHEET 1 OF 1

SJB SERVICES, INC.
SUBSURFACE LOG

HOLE NO. B-5
SURF. ELEV ± 99.3'
G.W. DEPTH See Notes

PROJECT: PROPOSED MEDICAL CAMPUS ADDITION LOCATION: 3021 - 3041 ORCHARD PARK RD
PROJ. NO.: BE-14-190 ORCHARD PARK, NY

DEPTH FT.	SMPL NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	N	SOIL OR ROCK CLASSIFICATION	NOTES
	1	16	11	11	22	ASPHALTIC CONCRETE	Driller notes approx. 4" Asphalt
						Black f-c SAND and f-c Gravel, little Silt (moist, FILL)	
	2	9	7			Black SHALE Rock fragments (wet, FILL)	
		7	5		14		
5	3	5	5			Brown Silty CLAY, tr.sand (moist, stiff, CL)	
		5	5		10		
	4	6	5			Brown Clayey SILT, tr.sand (moist, stiff, ML)	
		7	8		12		
	5	4	7			Brown SILT, tr.sand (moist, firm, ML)	
10		6	7		13		
	6	4	3			Gray Silty CLAY, little f-c Sand	
		4	3		7	(moist-wet, medium, CL)	
15							
	7	27	48			Black weathered SHALE Rock (moist)	
		40	37		88		
20						Boring Complete with Sample	Free Standing Water
						Spoon Refusal at 17.4'	recorded at 12.7' at
							Boring Completion
25							
30							
35							
40							

N = NO. BLOWS TO DRIVE 2-INCH SPOON 12-INCHES WITH A 140 LB. PIN WT. FALLING 30-INCHES PER BLOW

CLASSIFIED BY: Geologist

DRILLER: K. FULLER

DRILL RIG TYPE : CME-550X

METHOD OF INVESTIGATION ASTM D-1586 USING HOLLOW STEM AUGERS

DATE
START 11/10/2014
FINISH 11/10/2014
SHEET 1 OF 1

SJB SERVICES, INC.
SUBSURFACE LOG

HOLE NO. B-6
SURF. ELEV ± 99.2'
G.W. DEPTH See Notes

PROJECT: PROPOSED MEDICAL CAMPUS ADDITION LOCATION: 3021 - 3041 ORCHARD PARK RD
PROJ. NO.: BE-14-190 ORCHARD PARK, NY

DEPTH FT.	SMPL NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	N	SOIL OR ROCK CLASSIFICATION	NOTES
	1	18	9			ASPHALTIC CONCRETE	
		5	2		14	Gray-Black Crushed STONE (moist, FILL)	
	2	8	4			Brown-Orange Mottled Clayey SILT, little fine Sand	
		5	5		9	(moist, stiff, ML)	
5	3	5	5				
		5	6		10	Becomes Brown	
	4	6	7			(v.stiff)	
		10	50/0.3		17		
	5	5	5			Gray Silty CLAY, tr.sand (moist, stiff, CL)	
10		5	6		10		
	6	5	5			Gray-Black f-c SAND and Silt, tr.shale	
		6	10		11	(moist, firm, SM)	
15							
	7	5	15			Gray-Black weathered SHALE Rock (moist-wet)	
		13	28		28		NQ '2' Size Rock Core
						Gray-Black SHALE Rock, soft to medium hard,	RUN #1: 17.5' - 22.5'
20						highly to slightly weathered, thinly bedded	REC = Approx. 40%
							RQD = 0%
25						Boring Complete at 22.5'	
30							
35							
40							

N = NO. BLOWS TO DRIVE 2-INCH SPOON 12-INCHES WITH A 140 LB. PIN WT. FALLING 30-INCHES PER BLOW CLASSIFIED BY: Geologist

DRILLER: K. FULLER DRILL RIG TYPE : CME-550X

METHOD OF INVESTIGATION ASTM D-1586 USING HOLLOW STEM AUGERS

DATE
START 11/10/2014
FINISH 11/11/2014
SHEET 1 OF 1

SJB SERVICES, INC.
SUBSURFACE LOG

HOLE NO. B-7
SURF. ELEV ± 99.4'
G.W. DEPTH See Notes

PROJECT: PROPOSED MEDICAL CAMPUS ADDITION LOCATION: 3021 - 3041 ORCHARD PARK RD
PROJ. NO.: BE-14-190 ORCHARD PARK, NY

DEPTH FT.	SMPL NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	N	SOIL OR ROCK CLASSIFICATION	NOTES
	1	5	12	9	21	ASPHALTIC CONCRETE	
						Gray Black SLAG and f-c Sand, little Silt (moist, FILL)	
	2	11	6			Brown-Olive Clayey SILT, tr.sand (moist, stiff, ML)	
		4	4		10		
5	3	3	4				
		4	6		8	Becomes Brown (medium)	
	4	6	6				
		7	7		13	(stiff)	
	5	2	5				
10		7	10		12		
	6	4	5			Gray-Black Silty CLAY, tr.sand, occasional Shale	
		16	21		21	boulder fragments (moist, v.stiff, CL)	
15							
	7	3	10			Gray-Black highly weathered SHALE Rock and	
		11	14		21	Silt (moist)	
20						Boring Complete with Sample	Free Standing Water
						Spoon Refusal at 18.2'	recorded at 4.8' at 0800
							on 11/11/2014 - Augers
							at 18.2' BGS
25							
30							
35							
40							

N = NO. BLOWS TO DRIVE 2-INCH SPOON 12-INCHES WITH A 140 LB. PIN WT. FALLING 30-INCHES PER BLOW

CLASSIFIED BY: Geologist

DRILLER: K. FULLER

DRILL RIG TYPE : CME-550X

METHOD OF INVESTIGATION ASTM D-1586 USING HOLLOW STEM AUGERS

DATE
START 11/10/2014
FINISH 11/10/2014
SHEET 1 OF 1

SJB SERVICES, INC.
SUBSURFACE LOG

HOLE NO. B-8
SURF. ELEV ± 99.1'
G.W. DEPTH See Notes

PROJECT: PROPOSED MEDICAL CAMPUS ADDITION LOCATION: 3021 - 3041 ORCHARD PARK RD
PROJ. NO.: BE-14-190 ORCHARD PARK, NY

DEPTH FT.	SMPL NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	N	SOIL OR ROCK CLASSIFICATION	NOTES
	1	13	8	7	15	ASPHALTIC CONCRETE	
						Brown-Black Crushed STONE and f-c Sand	
	2	5	4			(moist, FILL)	No Recovery Sample #2
		4	2		8		
5	3	4	2			Brown fine SAND, tr.silt (wet, FILL)	
		2	4		4		
	4	3	3			Brown SILT, little fine Sand (moist, firm, ML)	
		8	10		11		
	5	4	5			Gray Clayey SILT, tr.-little f-c Sand (moist, stiff, ML)	
10		6	5		11		
	6	4	4				
		4	6		8	(medium)	
15							REF = Sample Spoon
	7	6	14	50/0.0	REF	Gray-Black highly weathered SHALE Rock (moist)	Refusal
						Boring Complete with Sample	No Free Standing Water
20						Spoon Refusal at 16.4'	reading obtained at
							Boring Completion
25							
30							
35							
40							

N = NO. BLOWS TO DRIVE 2-INCH SPOON 12-INCHES WITH A 140 LB. PIN WT. FALLING 30-INCHES PER BLOW

CLASSIFIED BY: Geologist

DRILLER: K. FULLER

DRILL RIG TYPE : CME-550X

METHOD OF INVESTIGATION ASTM D-1586 USING HOLLOW STEM AUGERS

APPENDIX B

FILL MATERIAL AND EARTHWORK RECOMMENDATIONS

APPENDIX B

FILL MATERIAL AND EARTHWORK RECOMMENDATIONS

I. Material Recommendations

A. Structural Fill

Structural Fill should consist of a crusher run stone, free of clay, organics and friable or deleterious particles. As a minimum, the crusher stone should meet the requirements of New York State Department of Transportation, Standard Specifications, Item 304.12 – Type 2 Subbase, with the following gradation requirements.

Sieve Size Distribution	Percent Finer by Weight
2 inch	100
¼ inch	25-60
No. 40	5-40
No. 200	0-10

B. Subbase Stone

The subbase stone course placed as the aggregate course beneath slab-on-grade and pavement construction should conform to the same material requirements as Structural Fill, as stated above.

C. Suitable Granular Fill

Suitable soil material, well graded from coarse to fine and classified as GW, GP, GM, SW, SP and SM soils using the Unified Soil Classification System (ASTM D-2487) and having no more than 85- percent by weight material passing the No. 4 sieve, no more than 20- percent by weight material passing the No. 200 sieve and which is generally free of particles greater than 6 inches, will be acceptable as Suitable Granular Fill. It should also be free of topsoil, asphalt, concrete rubble, wood, debris, clay and other deleterious materials. Suitable Granular Fill can be used as foundation backfill and as subgrade fill to raise site grades beneath slab-on-grade and pavement construction.

Material meeting the requirements of New York State Department of Transportation, Standard Specifications, Item 203.07 – Select Granular Fill or Item 203.20 Select Granular Subgrade is acceptable for use as Suitable Granular Fill.

II. Placement and Compaction Requirements

All controlled fill placed beneath foundations, slab-on-grade and pavement construction and beneath utilities should be compacted to a minimum of 95 percent of the maximum dry density as measured by the modified Proctor test (ASTM D1557). Fill placed in non-loaded grass areas can be compacted to a minimum of 90 percent of the maximum dry density (ASTM D1557).

Placement of fill should not exceed a maximum loose lift thickness of 6 to 9 inches with the exception of subbase courses beneath slab on grade and pavement construction, which can be placed in a single lift not exceeding 15 inches. The loose lift thickness should be reduced in conjunction with the compaction equipment used so that the required density is attained.

Engineered fill should have a moisture content within two percent of the optimum moisture content prior to compaction. Subgrades should be properly drained and protected from moisture and frost. Placement of fill on frozen subgrades is not acceptable. It is recommended that all fill placement and compaction be monitored and tested on a full time basis by a representative of Empire Geo-Services, Inc.

III. Quality Assurance Testing

The following minimum laboratory and field quality assurance testing frequencies are recommended to confirm fill material quality and post placement and compaction conditions. These minimum frequencies are based on generally uniform material properties and placement conditions. Should material properties vary or conditions at the time of placement vary (i.e. moisture content, placement and compaction, procedures or equipment, etc.) Then additional testing is recommended. Additional testing, which may be necessary, should be determined by qualified geotechnical personnel, based on evaluation of the actual fill material and construction conditions.

A. Laboratory Testing of Material Properties

- Moisture content (ASTM D-2216) - 1 test per 4000 cubic yards or no less than 2 tests per each material type.
- Grain Size Analysis (ASTM D-422) - 1 test per 4000 cubic yards or no less than 2 tests per each material type.
- Liquid and Plastic Limits (ASTM D-4318) 1 test per 4000 cubic yards or no less than 2 tests per each material type. Liquid and Plastic Limit testing is necessary only if appropriate, based on material composition (i.e. clayey or silty soils).
- Modified Proctor Moisture Density Relationship (ASTM D-1557) 1 test per 4000 cubic yards or no less than 1 test per each material type. A maximum/minimum density relationship (ASTM D-4253 and ASTM D-4254) may be an appropriate substitute for ASTM D-1557 depending on material gradation.

B. Field In-Place Moisture/Density Testing (ASTM D-3017 and ASTM D-2922)

- Backfilling along trenches and foundation walls - 1 test per 100 lineal feet per lift.
- Backfilling Isolated Excavations (i.e. column foundations, manholes, etc.) 1 test per lift.
- Filling in open areas for slab-on-grade and pavement construction - 1 test per 10,000 square feet per lift.

APPENDIX C

GEOTECHNICAL REPORT LIMITATIONS

GEOTECHNICAL REPORT LIMITATIONS

Empire Geo-Services, Inc. (Empire) has endeavored to meet the generally accepted standard of care for the services completed, and in doing so is obliged to advise the geotechnical report user of our report limitations. Empire believes that providing information about the report preparation and limitations is essential to help the user reduce geotechnical-related delays, cost over-runs, and other problems that can develop during the design and construction process. Empire would be pleased to answer any questions regarding the following limitations and use of our report to assist the user in assessing risks and planning for site development and construction.

PROJECT SPECIFIC FACTORS: The conclusions and recommendations provided in our geotechnical report were prepared based on project specific factors described in the report, such as size, loading, and intended use of structures; general configuration of structures, roadways, and parking lots; existing and proposed site grading; and any other pertinent project information. Changes to the project details may alter the factors considered in development of the report conclusions and recommendations. *Accordingly, Empire cannot accept responsibility for problems which may develop if we are not consulted regarding any changes to the project specific factors that were assumed during the report preparation.*

SUBSURFACE CONDITIONS: The site exploration investigated subsurface conditions only at discrete test locations. Empire has used judgement to infer subsurface conditions between the discrete test locations, and on this basis the conclusions and recommendations in our geotechnical report were developed. It should be understood that the overall subsurface conditions inferred by Empire may vary from those revealed during construction, and these variations may impact on the assumptions made in developing the report conclusions and recommendations. *For this reason, Empire should be retained during construction to confirm that conditions are as expected, and to refine our conclusions and recommendations in the event that conditions are encountered that were not disclosed during the site exploration program.*

USE OF GEOTECHNICAL REPORT: Unless indicated otherwise, our geotechnical report has been prepared for the use of our client for specific application to the site and project conditions described in the report. *Without consulting with Empire, our geotechnical report should not be applied by any party to other sites or for any uses other than those originally intended.*

CHANGES IN SITE CONDITIONS: Surface and subsurface conditions are subject to change at a project site subsequent to preparation of the geotechnical report. Changes may include, but are not limited to, floods, earthquakes, groundwater fluctuations, and construction activities at the site and/or adjoining properties. *Empire should be informed of any such changes to determine if additional investigative and/or evaluation work is warranted.*

MISINTERPRETATION OF REPORT: The conclusions and recommendations contained in our geotechnical report are subject to misinterpretation. *To limit this possibility, Empire should review project plans and specifications relative to geotechnical issues to confirm that the recommendations contained in our report have been properly interpreted and applied.*

Subsurface exploration logs and other report data are also subject to misinterpretation by others if they are separated from the geotechnical report. This often occurs when copies of logs are given to contractors during the bid preparation process. *To minimize the potential for misinterpretation, the subsurface logs should not be separated from our geotechnical report and the use of excerpted or incomplete portions of the report should be avoided.*

OTHER LIMITATIONS: Geotechnical engineering is less exact than other design disciplines, as it is based partly on judgement and opinion. For this reason, our geotechnical report may include clauses that identify the limits of Empire's responsibility, or that may describe other limitations specific to a project. These clauses are intended to help all parties recognize their responsibilities and to assist them in assessing risks and decision making. Empire would be pleased to discuss these clauses and to answer any questions that may arise.

APPENDIX B

SOIL BORING LOGS,
PHOTOGRAPHIC LOG & CAMP DATA

APPENDIX B1

LCS BORING LOGS

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH1/ TPMW1

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: ~5 ft. bgs. AFTER COMPLETION: ~2.8 ft bgs

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	51.7	0-4	U	-	-	5	0-0.5 ft: Asphalt
2	5.3	4-6	U	-	-	24	0.5-0.8 ft: Grey sandy gravel (coarse, loose, dense)
3	2.9	6-8	U	-	-	24	0.8-4 ft: Grey sandy clay (stiff, Low plasticity, moist)
4	3.1	8-10	U	-	-	10	4-12 ft: Brown gravelly clay (very stiff, low plasticity, moist to wet)
5	4.2	10-12	U	-	-	10	12 -16 ft: Brown clay with shale fragments (very stiff, low plasticity, wet)
6	1.2	12-16	U	-	-	8	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~0.8 ft. bgs

Suspect solvent odors detected at ~ 0-4 ft. bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH2

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	3.7	0-4	U	-	-	12	0-0.5 ft: Asphalt
2	0.6	4-6	U	-	-	24	0.5-1 ft: Brown sand (medium, fine, dense, moist)
3	0.4	6-8	U	-	-	24	1-1.25 ft: Shale fragments
4	0.5	8-8.4	U	-	-	10	1.25-8 ft: Brown silty clay (low plasticity, soft, moist)
							8-8.4 ft: Brown silty clay with shale fragments (low plasticity, soft, moist)
							Equipment refusal at 8.4 ft. bgs

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~1 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH3/TPMW2

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: ~5 ft. bgs. AFTER COMPLETION: ~5.02 ft bgs

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.7	0-4	U	-	-	5	0-0.5 ft: Asphalt
2	0.9	4-6	U	-	-	20	0.5-1 ft: Brown sand (medium, fine, dense, moist)
3	3.0	6-8	U	-	-	20	1-2 ft: Shale fragments
4	0.5	8-10	U	-	-	20	2-12 ft: Brown silty clay (low plasticity, soft, moist)
5	0.2	10-12	U	-	-	20	12-18.5 ft: Brown silty clay with shale fragments (low plasticity, soft, moist to wet)
6	0.2	12-14	U	-	-	16	
							Equipment refusal at 18.5
7	0.4	14-16	U	-	-	16	
8	0.0	16-18.5	U	-	-	10	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~0.5 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH4/TPMW3

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: ~13 ft bgs AFTER COMPLETION: ~4.5 ft bgs

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	-	0-4	U	-	-	0	0-4 Asphalt (no soil recovered)
2	0.0	4-6	U	-	-	0	4-8 ft: Brown silty clay (low plasticity, soft, moist)
3	0.3	6-8	U	-	-	12	8-18.4 ft: Brown silty clay with shale fragments (low plasticity, soft, moist to wet)
4	0.0	8-10	U	-	-	12	
							Equipment Refusal at ~18.4 ft. bgs
5	0.1	10-12	U	-	-	12	
6	0.8	12-14	U	-	-	12	
7	0.3	14-16	U	-	-	10	
8	0.0	16-18.4	U	-	-	10	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~0.5 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH5

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: ~6 ft. bgs. AFTER COMPLETION: NA

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.3	0-2	U	-	-	9	0-0.5 ft: Asphalt
2	0.4	2-4	U	-	-	8	0.5-1 ft: Brown sand (medium, fine, dense, moist)
3	0.4	4-6	U	-	-	12	1-1.25 ft: Shale fragments
4	0.7	6-8	U	-	-	12	1.25-6 ft: Brown silty clay (low plasticity, soft, moist)
5	0.0	8-10	U	-	-	12	6-16 ft: Brown Silty clay with shale fragments (low plasticity, soft, moist to wet)
6	0.0	10-12	U	-	-	12	
7	0.6	12-14	U	-	-	10	
8	1.8	14-16	U	-	-	10	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~ 0.5 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH6/TPMW4

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: ~6 ft. bgs. AFTER COMPLETION: ~3.0 ft bgs

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	59	0-2	U	-	-	9	0-0.5 ft: Asphalt
2	40	2-4	U	-	-	9	0.5-1 ft: Brown sand (medium, fine, dense, moist)
3	3.0	4-6	U	-	-	12	1-1.25 ft: Shale fragments
4	1.4	6-8	U	-	-	12	1.25-6 ft: Brown silty clay (low plasticity, soft, moist)
5	0.4	8-10	U	-	-	11	6-18.5 ft: Brown Silty clay with shale fragments (low plasticity, soft, wet)
6	0.1	10-12	U	-	-	11	
7	1.0	12-16	U	-	-	9	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~0.5 ft. bgs

Suspect solvent type odors detected at ~0-4 ft bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH7/TPMW5

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: ~5 ft. bgs. AFTER COMPLETION: ~3.0 ft bgs

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	1.6	0-2	U	-	-	6	0-0.6 ft. Asphalt
2	11	2-4	U	-	-	6	0.6-4 ft. Grey clay with shale fragments (stiff, low plasticity, moist)
3	4.1	4-6	U	-	-	10	4-6 ft. Grey brown sandy clay (stiff, low plasticity, wet)
4	0.7	6-8	U	-	-	10	6-16 ft. Brown clayey silt (low plasticity, wet)
5	0.0	8-10	U	-	-	12	
6	1.2	10-12	U	-	-	12	
7	2.5	12-16	U	-	-	12	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~0.6 ft. bgs

Suspect solvent type odor detected at ~0-2 ft. bgs.

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH8/TPMW6

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: ~5 ft. bgs. AFTER COMPLETION: ~3.0 ft bgs

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	70	0-2	U	-	-	12	0-0.6 ft. Asphalt
2	60	2-4	U	-	-	12	0.6-4 ft. Grey clay with shale fragments (stiff, low plasticity, moist)
3	6.0	4-6	U	-	-	12	4-6 ft. Grey brown sandy clay (stiff, low plasticity, wet)
4	3.8	6-8	U	-	-	12	6-16 ft. Brown clayey silt (low plasticity, wet)
5	4.2	8-10	U	-	-	10	
6	4.0	10-12	U	-	-	10	
7	2.0	12-16	U	-	-	8	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~0.6 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 3021-3041 Orchard Park Road, Orchard Park, NY PROJECT No. 13B4431.22

CLIENT: Northwest Savings Bank BORING/WELL No. BH9

DATE STARTED: 5/7/2014 DATE COMPLETED: 5/7/2014 RECORDED BY: DEC

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: Cloudy 57° DRILL RIG: Geoprobe DRILLER: Trec Environmental Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	2.0	0-2	U	-	-	24	0-4 ft. Brown gravelly silty clay (still, low plasticity, dry)
2	5.8	2-4	U	-	-	24	4-6 ft. Brown silty clay (very stiff, low plasticity, moist
3	2.3	4-6	U	-	-	24	6-14 ft. Grey silty clay (stiff, moderate plasticity, moist)
4	0.7	6-8	U	-	-	24	14-16 ft. Grey gravelly silty clay (stiff, moderate plasticity, moist)
5	0.0	8-10	U	-	-	10	
6	0.9	10-12	U	-	-	12	
7	1.4	12-14	U	-	-	12	
8	1.0	14-16	U	-	-	12	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~0 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

APPENDIX B2

SUPPLEMENTAL PHASE II INVESTIGATION
BORING LOGS

3.0 INVESTIGATION FINDINGS

3.1 Field Observations

3.1.1 Qualitative Soil Screening

Soil samples were observed and screened via headspace for VOCs using a PID with measurements ranged from 2.8 ppm (SB-1) to approximately 100 ppm (SB-5) above background (0.0 ppm). A brief description of the field observations is presented below:

Sample ID	Sample Interval (Depth Below Slab)	Soil Description	PID Reading (ppm)
SB-1	1.5' – 2'	sandy lean clay	0 - 2.8
SB-2	1' – 2.5'	sandy lean clay	0 - 7.5
SB-3	2.5' – 3'	sandy lean clay	0 - 4.5
SB-4	2.5' – 3'	weathered shale	0 - 4.5
SB-5	2.5' – 3'	sandy lean clay	0 - 100
SB-6	2.5' – 3'	weathered shale	0 – 1.9

3.1.2 Hydrogeology

Field observations and groundwater elevation measurements are summarized below:

Sample ID	Field Description	PID	Groundwater Elevation[1]
BH10/ TPMW-7	0-0.25': asphalt 0.25'-0.5': gravel 0.5' – 1': brown, moist mostly fine sand 1'-2': shale fragments 2' – 8': silty clay, brown, moist, low plasticity 8' – 10': silty clay w/ shale fragments, moist to wet at 8.5' 10': refusal	0-4':0 ppm 4 -8': 0 ppm 8-10': 0 ppm	498.88
BH11/ TPMW-8	0-0.25': asphalt 0.25'-0.5': gravel 0.5' – 4': grey silty clay with gravel, moist 4' – 8': brown silty clay, moist 8' – 15': grey silty clay w/ gravel, stiff, moist 15': refusal	0-4':0 ppm 4 -8': 0 ppm 8-12': 0 ppm 12-15': 0 ppm	498.85

Sample ID	Field Description	PID	Groundwater Elevation[1]
BH12/ TPMW-9	0-0.25': asphalt 0.25'-0.5': gravel 0.5' – 1': shale fragments 1' – 4': grey, moist silty clay w/ shale fragments 4' – 9': brown silty clay; moist to wet at 5' 9'- 14': grey, moist silty clay w/ gravel 14': refusal	0-4': 3.5 ppm 4 -8': 0 ppm 8-12': 0 ppm 12-15': 0 ppm	498.71
BH13/ TPMW-10	0-0.25': asphalt 0.25'-0.5': gravel 0.5' – 1': shale fragments 1' – 4': grey, moist silty clay w/ shale fragments 4' – 9': brown silty clay; moist to wet at 5' 9'- 15': grey, moist silty clay w/ gravel 15': refusal	0-4':0 ppm 4 -8': 0 ppm 8-12': 0 ppm 12-15': 0 ppm	498.44
BH14/ TPMW-11	0-0.25': asphalt 0.25'-0.5': gravel 0.5' – 1': shale fragments 1' – 4': grey, moist silty clay w/ shale fragments 4' – 9': brown silty clay; moist to wet at 5' 9'- 15': grey, moist silty clay w/ gravel 15': refusal	0-4':0 ppm 4 -8': 0 ppm 8-12': 0 ppm 12-15': 0 ppm	498.74

3 Survey measurement relative to arbitrary vertical datum

3.2 Soil Analytical Results

Table 1 presents a summary of the detected VOCs and associated concentrations for each of the six sub-slab sample locations. For comparative purposes Table 1 includes Soil Cleanup Objectives (SCOs) for commercial use as well as Protection of Groundwater SCOs per 6 NYCRR Part 375-6. Appendix C contains a copy of the laboratory analytical data package.

As indicated on Table 1, the analytical data results indicate one cVOC, tetrachloroethene (PCE), was detected above its protection of groundwater SCO in soil borings SB-5 and SB-6.

APPENDIX B3

EMPIREGEO GEOTECHNICAL
BORING LOGS

GENERAL INFORMATION & KEY TO SUBSURFACE LOGS

The Subsurface Logs attached to this report present the observations and mechanical data collected by the driller at the site, supplemented by classification of the material removed from the borings as determined through visual identification by technicians in the laboratory. It is cautioned that the materials removed from the borings represent only a fraction of the total volume of the deposits at the site and may not necessarily be representative of the subsurface condition between adjacent borings or between the sampled intervals. The data presented of the Subsurface Logs together with the recovered samples provide a basis for evaluating the character of the subsurface conditions relative to the project. The evaluation must consider all the recorded details and their procedures to more accurately evaluate the subsurface conditions. Any evaluation of the contents of this report and recovered samples must be performed by qualified professionals. The following information defines some of the procedures and terms used of the Subsurface Logs to describe the conditions encountered, consistent with the numbered identifiers shown on the Key opposite this page.

1. **The figures in the Depth column define the scale of the Subsurface Log.**
2. **The Samples column shows, graphically, the depth range from which a sample was recovered. See Table I for descriptions of the symbols used to represent the various types of samples.**
3. **The Sample No. is used for identification on sample containers and/or Laboratory Test Reports.**
4. **Blows on Sampler – shows the results of the "Penetration Test", recording the number of blows required to drive a split spoon sampler into the soil. The number of blows required for each six inches is recorded. The first 6 inches of penetration is considered a seating drive. The number of blows required for the second and third 6 inches of penetration is termed the penetration resistance, N.**
5. **Blows on Casing – Shows the number of blows required to advance the casing a distance of 12 inches. The casing size, hammer weight, and length of drop are noted at the bottom of the Subsurface Log. If the casing is advanced by means other than driving, the method of advancement will be indicated in the Notes column or under the Method of Investigation at the bottom of the Subsurface Log. Alternatively, sample recovery may be shown in this column or other data consistent with the column heading.**
6. **All recovered soil samples are reviewed in the laboratory by an engineering technician, geologist, or geotechnical engineer, unless noted otherwise. Visual descriptions are made on the basis of a combination of the driller's field descriptions and noted observations together with the sample as received in the laboratory. The method of visual classification is based primarily on the Unified Soil Classification System (ASTM D 2487) with regard to the particle size and plasticity (See Table No. II), and the Unified Soil Classification System group symbols for the soil types are sometimes included with the soil classification. Additionally, the relative portion, by weight, of two or more soil types is described for granular soils in accordance with "Suggested Methods of Test for Identification of Soils" by D.M. Burmister, ASTM Special Technical Publication 479, June 1970. (See Table No. III). Description of the relative soil density or consistency is based upon the penetration records as defined in Table No. IV. The description of the soil moisture is based upon the relative wetness of the soil as recovered and is described as dry, moist, wet, and saturated. Water introduced into the boring either naturally or during drilling may have affected the moisture condition of the recovered sample. Special terms are used as required to describe soil deposition in greater detail; several such terms are listed in Table V. When sampling gravelly soils with a standard two inch diameter split spoon, the true percentage of gravel is often not recovered due to the relatively small sampler diameter. The presence of boulders and large gravel is sometimes, but not necessarily, detected by an evaluation of the casing and sampler blows or through the "action" of the drill rig as reported by the driller.**
7. **Rock description is based on review of the recovered rock core and the driller's notes. Frequently used rock classification terms are included in Table VI.**
8. **The stratification lines represent the approximate boundary between soil types and the transition may be gradual. Solid stratification lines delineate apparent changes in soil type, based upon review of recovered soil samples and the driller's notes. Dashed lines convey a lesser degree of certainty with respect to either a change in soil type or where such change may occur.**
9. **Miscellaneous observations and procedures noted by the driller are shown in this column, including water level observations. It is important to realize the reliability of the water level observations depends upon the soil type (water does not readily stabilize in a hole through fine grained soils), and that any drill water used to advance the boring may have influenced the observations. The ground water level will fluctuate seasonally, typically. One or more perched or trapped water levels may exist in the ground seasonally. All the available readings should be evaluated. If definite conclusions cannot be made, it is often prudent to examine the conditions more thoroughly through test pit excavations or groundwater observation wells.**
10. **The length of core run is defined as the length of penetration of the core barrel. Core recovery is the length of core recovered divided by the core run. The RQD (Rock Quality Designation) is the total length of pieces of NX core exceeding 4 inches divided by the core run. The size core barrel used is also noted in the Method of Investigation at the bottom of the Subsurface Log.**

DATE

STARTED _____

FINISHED _____

SHEET _____ OF _____

SJB SERVICES, INC.
SUBSURFACE LOG

PROJ. No. _____

HOLE No. _____

SURF. ELEV. _____

G.W. DEPTH _____

PROJECT _____ LOCATION _____

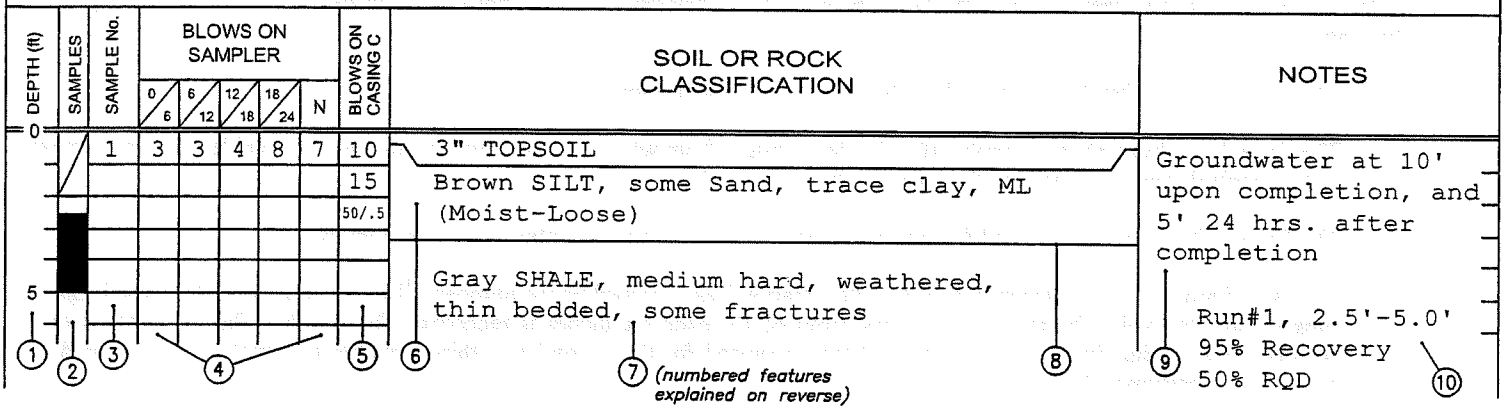


TABLE I

- Split Spoon Sample
- Shelby Tube Sample
- Geoprobe Macro-Core
- Auger or Test Pit Sample
- Rock Core

TABLE II

Identification of soil type is made on basis of an estimate of particle sizes, and in the case of fine grained soils also on basis of plasticity.

Soil Type	Soil Particle Size	
Boulder	>12"	Coarse Grained (Granular)
Cobble	3" - 12"	
Gravel - Coarse	3" - 3/4"	
- Fine	3/4" - #4	
Sand - Coarse	#4 - #10	
- Medium	#10 - #40	
- Fine	#40 - #200	
Silt - Non Plastic (Granular)	<#200	Fine Grained
Clay - Plastic (Cohesive)		

TABLE III

The following terms are used in classifying soils consisting of mixtures of two or more soil types. The estimate is based on weight of total sample.

Term	Percent of Total Sample
"and"	35 - 50
"some"	20 - 35
"little"	10 - 20
"trace"	less than 10

(When sampling gravelly soils with a standard split spoon, the true percentage of gravel is often not recovered due to the relatively small sampler diameter.)

TABLE IV

The relative compactness or consistency is described in accordance with the following terms:

Granular Soils		Cohesive Soils	
Term	Blows per Foot, N	Term	Blows per Foot, N
Loose	0 - 4	Very Soft	0 - 2
Loose	4 - 10	Soft	2 - 4
Firm	10 - 30	Medium	4 - 8
Compact	30 - 50	Stiff	8 - 15
Very Compact	>50	Very Stiff	15 - 30
		Hard	>30

(Large particles in the soils will often significantly influence the blows per foot recorded during the penetration test)

TABLE V

Varved	Horizontal uniform layers or seams of soil(s).
Layer	Soil deposit more than 6" thick.
Seam	Soil deposit less than 6" thick.
Parting	Soil deposit less than 1/8" thick.
Laminated	Irregular, horizontal and angled seams and partings of soil(s).

TABLE VI

Rock Classification Term		Meaning
Hardness	- Soft	Scratched by fingernail
	- Medium Hard	Scratched easily by penknife
	- Hard	Scratched with difficulty by penknife
	- Very Hard	Cannot be scratched by penknife
Weathering	- Very Weathered	Judged from the relative amounts of disintegration, iron staining, core recovery, clay seams, etc.
	- Weathered	
	- Sound	

Rock Classification Term		Meaning	
Bedding	- Laminated	(<1")	Natural breaks in Rock Layers
	- Thin Bedded	(1" - 4")	
	- Bedded	(4" - 12")	
	- Thick Bedded	(12" - 36")	
	- Massive	(>36")	

(Fracturing refers to natural breaks in the rock oriented at some angle to the rock layers)

DATE
START 11/11/2014
FINISH 11/11/2014
SHEET 1 OF 1

SJB SERVICES, INC.
SUBSURFACE LOG

HOLE NO. B-4
SURF. ELEV ± 99.4'
G.W. DEPTH See Notes

PROJECT: PROPOSED MEDICAL CAMPUS ADDITION LOCATION: 3021 - 3041 ORCHARD PARK RD
PROJ. NO.: BE-14-190 ORCHARD PARK, NY

DEPTH FT.	SMPL NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	N	SOIL OR ROCK CLASSIFICATION	NOTES
	1	5	6	4	10	ASPHALTIC CONCRETE	Driller notes approx. 2" Asphalt
						Gray-Black SLAG and f-c Sand, some Silt	
	2	4	4			(moist, FILL)	
		5	6		9	Brown Clayey SILT, tr.sand (moist, stiff, ML)	Poor Recovery Sample #2
5	3	3	4				
		4	6		8		
	4	5	5				
		5	6		10	(stiff)	
	5	3	4				
10		8	9		12		
	6	3	7			Gray SILT and f-c Sand, tr.shale (moist, firm, ML)	
		9	9		16		
	7	10	8				
		8	8		16		
15	8	6	7				
		8	14		15		
	9	37	28			Gray highly weathered SHALE Rock (moist)	
		31	41		59		
	10	12	28				
20		32	36		60		
25						Boring Complete with Auger Refusal at 21.6'	No Free Standing Water reading obtained at Boring Completion
30							
35							
40							

N = NO. BLOWS TO DRIVE 2-INCH SPOON 12-INCHES WITH A 140 LB. PIN WT. FALLING 30-INCHES PER BLOW

CLASSIFIED BY: Geologist

DRILLER: K. FULLER

DRILL RIG TYPE : CME-550X

METHOD OF INVESTIGATION ASTM D-1586 USING HOLLOW STEM AUGERS

DATE
START 11/11/2014
FINISH 11/11/2014
SHEET 1 OF 1

SJB SERVICES, INC.
SUBSURFACE LOG

HOLE NO. B-5
SURF. ELEV ± 99.3'
G.W. DEPTH See Notes

PROJECT: PROPOSED MEDICAL CAMPUS ADDITION LOCATION: 3021 - 3041 ORCHARD PARK RD
PROJ. NO.: BE-14-190 ORCHARD PARK, NY

DEPTH FT.	SMPL NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	N	SOIL OR ROCK CLASSIFICATION	NOTES
	1	16	11	11	22	ASPHALTIC CONCRETE	Driller notes approx. 4" Asphalt
						Black f-c SAND and f-c Gravel, little Silt (moist, FILL)	
	2	9	7			Black SHALE Rock fragments (wet, FILL)	
		7	5		14		
5	3	5	5			Brown Silty CLAY, tr.sand (moist, stiff, CL)	
		5	5		10		
	4	6	5			Brown Clayey SILT, tr.sand (moist, stiff, ML)	
		7	8		12		
	5	4	7			Brown SILT, tr.sand (moist, firm, ML)	
10		6	7		13		
	6	4	3			Gray Silty CLAY, little f-c Sand	
		4	3		7	(moist-wet, medium, CL)	
15							
	7	27	48			Black weathered SHALE Rock (moist)	
		40	37		88		
20						Boring Complete with Sample	Free Standing Water
						Spoon Refusal at 17.4'	recorded at 12.7' at
							Boring Completion
25							
30							
35							
40							

N = NO. BLOWS TO DRIVE 2-INCH SPOON 12-INCHES WITH A 140 LB. PIN WT. FALLING 30-INCHES PER BLOW

CLASSIFIED BY: Geologist

DRILLER: K. FULLER

DRILL RIG TYPE : CME-550X

METHOD OF INVESTIGATION ASTM D-1586 USING HOLLOW STEM AUGERS

DATE
START 11/10/2014
FINISH 11/10/2014
SHEET 1 OF 1

SJB SERVICES, INC.
SUBSURFACE LOG

HOLE NO. B-6
SURF. ELEV ± 99.2'
G.W. DEPTH See Notes

PROJECT: PROPOSED MEDICAL CAMPUS ADDITION LOCATION: 3021 - 3041 ORCHARD PARK RD
PROJ. NO.: BE-14-190 ORCHARD PARK, NY

DEPTH FT.	SMPL NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	N	SOIL OR ROCK CLASSIFICATION	NOTES
	1	18	9			ASPHALTIC CONCRETE	
		5	2		14	Gray-Black Crushed STONE (moist, FILL)	
	2	8	4			Brown-Orange Mottled Clayey SILT, little fine Sand	
		5	5		9	(moist, stiff, ML)	
5	3	5	5				
		5	6		10	Becomes Brown	
	4	6	7			(v.stiff)	
		10	50/0.3		17		
	5	5	5			Gray Silty CLAY, tr.sand (moist, stiff, CL)	
10		5	6		10		
	6	5	5			Gray-Black f-c SAND and Silt, tr.shale	
		6	10		11	(moist, firm, SM)	
15							
	7	5	15			Gray-Black weathered SHALE Rock (moist-wet)	
		13	28		28		NQ '2' Size Rock Core
						Gray-Black SHALE Rock, soft to medium hard,	RUN #1: 17.5' - 22.5'
20						highly to slightly weathered, thinly bedded	REC = Approx. 40%
							RQD = 0%
25						Boring Complete at 22.5'	
30							
35							
40							

N = NO. BLOWS TO DRIVE 2-INCH SPOON 12-INCHES WITH A 140 LB. PIN WT. FALLING 30-INCHES PER BLOW CLASSIFIED BY: Geologist

DRILLER: K. FULLER DRILL RIG TYPE : CME-550X

METHOD OF INVESTIGATION ASTM D-1586 USING HOLLOW STEM AUGERS

DATE
START 11/10/2014
FINISH 11/11/2014
SHEET 1 OF 1

SJB SERVICES, INC.
SUBSURFACE LOG

HOLE NO. B-7
SURF. ELEV ± 99.4'
G.W. DEPTH See Notes

PROJECT: PROPOSED MEDICAL CAMPUS ADDITION LOCATION: 3021 - 3041 ORCHARD PARK RD
PROJ. NO.: BE-14-190 ORCHARD PARK, NY

DEPTH FT.	SMPL NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	N	SOIL OR ROCK CLASSIFICATION	NOTES
	1	5	12	9	21	ASPHALTIC CONCRETE	
						Gray Black SLAG and f-c Sand, little Silt (moist, FILL)	
	2	11	6			Brown-Olive Clayey SILT, tr.sand (moist, stiff, ML)	
		4	4		10		
5	3	3	4				
		4	6		8	Becomes Brown (medium)	
	4	6	6				
		7	7		13	(stiff)	
	5	2	5				
10		7	10		12		
	6	4	5			Gray-Black Silty CLAY, tr.sand, occasional Shale	
		16	21		21	boulder fragments (moist, v.stiff, CL)	
15							
	7	3	10			Gray-Black highly weathered SHALE Rock and	
		11	14		21	Silt (moist)	
20						Boring Complete with Sample	Free Standing Water
						Spoon Refusal at 18.2'	recorded at 4.8' at 0800
							on 11/11/2014 - Augers
							at 18.2' BGS
25							
30							
35							
40							

N = NO. BLOWS TO DRIVE 2-INCH SPOON 12-INCHES WITH A 140 LB. PIN WT. FALLING 30-INCHES PER BLOW

CLASSIFIED BY: Geologist

DRILLER: K. FULLER

DRILL RIG TYPE : CME-550X

METHOD OF INVESTIGATION ASTM D-1586 USING HOLLOW STEM AUGERS

DATE
START 11/10/2014
FINISH 11/10/2014
SHEET 1 OF 1

SJB SERVICES, INC.
SUBSURFACE LOG

HOLE NO. B-8
SURF. ELEV ± 99.1'
G.W. DEPTH See Notes

PROJECT: PROPOSED MEDICAL CAMPUS ADDITION LOCATION: 3021 - 3041 ORCHARD PARK RD
PROJ. NO.: BE-14-190 ORCHARD PARK, NY

DEPTH FT.	SMPL NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	N	SOIL OR ROCK CLASSIFICATION	NOTES
	1	13	8	7	15	ASPHALTIC CONCRETE	
						Brown-Black Crushed STONE and f-c Sand	
	2	5	4			(moist, FILL)	No Recovery Sample #2
		4	2		8		
5	3	4	2			Brown fine SAND, tr.silt (wet, FILL)	
		2	4		4		
	4	3	3			Brown SILT, little fine Sand (moist, firm, ML)	
		8	10		11		
	5	4	5			Gray Clayey SILT, tr.-little f-c Sand (moist, stiff, ML)	
10		6	5		11		
	6	4	4				
		4	6		8	(medium)	
15							REF = Sample Spoon
	7	6	14	50/0.0	REF	Gray-Black highly weathered SHALE Rock (moist)	Refusal
						Boring Complete with Sample	No Free Standing Water
20						Spoon Refusal at 16.4'	reading obtained at
							Boring Completion
25							
30							
35							
40							

N = NO. BLOWS TO DRIVE 2-INCH SPOON 12-INCHES WITH A 140 LB. PIN WT. FALLING 30-INCHES PER BLOW

CLASSIFIED BY: Geologist

DRILLER: K. FULLER

DRILL RIG TYPE : CME-550X

METHOD OF INVESTIGATION ASTM D-1586 USING HOLLOW STEM AUGERS

APPENDIX B4

REMEDIAL INVESTIGATION
BORING LOGS

Project No: 0304-012-003

Borehole Number: B-1

Project: 3021-3041 Orchard Park Road Geotechnical Investigation

A.K.A.: SJB-6

Client: 3021-3041 Orchard Park Road, LLC.

Logged By: TAB

Site Location: Orchard Park, NY

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Asphalt***							*Underdrain bedding to 2.0 fbgs.*
	-2.0 / 2.0	***Poorly Graded Sand with Silt and Gravell*** Grey, moist, mostly, coarse sand, some fine gravel (angular), few non-plastic fines, medium dense, loose when distubed, piece of black plastic drain tile.	S1	14	0.9		0.6	Sample Location	
	-4.0 / 4.0	***Poorly Graded Gravel*** Brown, wet, mostly fine gravel (sub-rounded), trace fine sand, trace non-plastic fines, loose.	S2	9	1.5		0.3		
5.0	-6.0 / 6.0	***Sandy Lean Clay*** Grey,moist, low to medium plasticity fines, little fine sand, few fine gravel (shale fragments), stiff, medium toughness, medium dry strength, black laminations.	S3	10	1.4		0.1		
	-8.0 / 8.0	***Lean Clay with Sand*** Brown/grey, moist, mostly low plasticity fines, little fine sand, medium toughness, medium dry strength,stiff, massive.	S3	7 50 3	2.0		0.0		*First water 9.0 fbgs.*
10.0	-10.0 / 10.0	As above brown, wet area (7.5 fbgs) soft.	S4	10	2.0		0.0		
		As above, wet fine sand lense (0.1-inch) at 9.0 fbgs.							
	-12.0 / 12.0	As above, wet coarse sand lense (0.05-inch) at 10.5 fbgs.	S6	11	2.0		0.0		
		Augered (12.0 to 15.0 fbgs)							
15.0	-15.0 / 15.0	***Weathered Bedrock*** Highly fissile shale, with some non-plastic fines, trace fine sand, very weak, fine grained, thinly bedded, intensely fractured, non-cohesive sediment.	S7	28	1.5		0.0		*Top of weathered bedrock (15.0 fbgs).*
	-17.0 / 17.0	Auger refusal at 17.5 fbgs.							*Top of competent bedrock (17.5 fbgs)*
		Windom Shale (Bedrock) Run #1 17.5 - 22.5 total recovery 37.5% RQD 0% very poor.					0.0		
20.0		Shale, moderate, fine grained, thinly bedded, moderately decomposed, medium soft, highly fractured along bedding joint planes, infilling with dark grey, wet, non-plastic fines at 18.0 fbgs (0.4-inches thick), 19.0 fbgs (0.2-inches) think, 20.5 fbgs (0.2-inches) thick, 22.0 fbgs (0.2-inches) thick.	Run # 1	NA	2.8		0.0		
	-22.5 / 22.5	End of boring 22.5 fbgs.							*Lost appx 150 gal. of potable water.*
25.0		End of Borehole							

Drilled By: SJB
Drill Rig Type: CME 550x
Drill Method: 3 1/4-inch HSA
Comments:
Drill Date(s): 11/10/14

Hole Size: 7 1/2-inch
Stick-up: NA
Datum: Mean Sea Level.

Sheet: 1 of 1

Project No: 0304-012-003

Borehole Number: B-2

Project: 3021-3041 Orchard Park Road Geotechnical Investigation

A.K.A.: SJB-8

Client: 3021-3041 Orchard Park Road, LLC.

Logged By: TAB

Site Location: Orchard Park, NY

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Asphalt***							
		Poorly Graded Sand with Silt and Gravel Grey mostly, medium sand, little fine gravel (angular), few non-plastic fines, medium dense, loose when disturbed.	S1	21	1.1		0.2		
	-2.0 2.0	No Recovery.	S2	8	0.0				
	-4.0 4.0	***Poorly Graded Sand with Silt.*** Grey, wet, mostly medium sand, few coarse sand, few fine gravel (angular), few non-plastic fines, loose, rapid dilatency.	S3	4	0.6		0.5		First water 4.0 fbgs.
5.0	-6.0 6.0	As above, brown, mostly fine sand, no fine gravel.	S3	11	7		0.1		
	-8.0 8.0	***Lean Clay*** Grey/brown, moist, mostly medium plasticity fines, few fine sand, trace coarse sand, stiff, medium toughness, medium dry strength, massive.	S4	11	1.4		0.1		
10.0	-10.0 10.0	***Sandy Lean Clay*** Grey, wet, mostly medium plasticity fines, some fine sand, trace fine gravel (sub-rounded), weathered shale in shoe.	S6	8	1.3		0.1		
	-11.9 11.9	***Weathered top of Bedrock*** Highly fissile shale with some non-plastic fines, trace fine sand, very weak, fine grained, thinly bedded, intensely fractured, non-cohesive sediment.							Top of weathered bedrock (11.9 fbgs).
		Augered Augered (12.0 to 15.0 fbgs).							
15.0	-15.0 15.0	***Weathered top of Bedrock*** As above	S7	14 50 / 2	1.5		1.2		
	-16.0 16.0	Spoon refusal at 16.2 fbgs.							Top of competent bedrock (16.2 fbgs).
		End of Borehole							

Drilled By: SJB
Drill Rig Type: CME 550x
Drill Method: 3 1/4-inch HSA
Comments:
Drill Date(s): 11/10/14

Hole Size: 7 1/2-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 1 of 1

Project No: 0304-012-003

Borehole Number: B-3

Project: 3021-3041 Orchard Park Road Geotechnical Investigation

A.K.A.: SJB-7

Client: 3021-3041 Orchard Park Road, LLC.

Logged By: TAB

Site Location: Orchard Park NY

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs (ppm)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface					0 / 12.5 / 25		
	0.0	***Asphalt***							
		Poorly Graded Fine Sand with Gravel. Grey, moist, mostly medium sand, little fine gravel (angular), few non-plastic fines, medium dense, loose when disturbed.	S1	17	1.2		0.8		
	-2.0 2.0	As above, dark grey, loose.	S2	8	1.1		17.6 / 0.8	Waste Sample #1	
	-3.5 3.5	***Lean Clay***							
	-4.0 4.0	Grey/brown, moist, mostly low plasticity fines, few fine sand, trace coarse sand, stiff, medium toughness, medium dry strength, massive.	S3	10	1.6		0.1		
5.0	-6.0	As above.							
	6.0	As above.	S3	12	1.8		0.0		
	-8.0 8.0	As above, medium plasticity, iron staining (horizontal and vertical fractures).	S4	13	1.6		0.1		
10.0	-10.0 10.0	As above.	S6	7	2.0		1.8 / 5.0		Top of weathered bedrock (11.5 fbgs).
	-11.0 11.0	***Lean Clay with Sand*** Grey, moist, mostly medium plasticity fines, little fine sand, very stiff, medium toughness, medium dry strength, massive.							
	-11.5 11.5	***Bedrock (weathered)*** Grey, wet, highly fissle with some non-plastic fines, trace fine sand, very weak, fine grained, thinly bedded, intensely fractured, non-cohesive sediment.							First water 15.0 fbgs.
	-12.0 12.0	***Augered*** Augered (12-15 fbgs).							
15.0	-15.0 15.0	***Bedrock (weathered)*** As above.	S7	88	1.5		1.0		
	-17.0 17.0	Auger Refusal at 18.4 fbgs.							
	-18.4 18.4	End of Borehole							Top of competent bedrock (18.4 fbgs)

Drilled By: SJB
Drill Rig Type: CME 550x
Drill Method: 3 1/4-inch HSA
Comments:
Drill Date(s): 11/10/14

Hole Size: 7 1/2-inch
Stick-up: NA
Datum: Mean Sea Level.

Sheet: 1 of 1

Project No: 0304-012-003

Borehole Number: B-4

Project: 3021-3041 Orchard Park Road Geotechnical Investigation

A.K.A.: SJB-5

Client: 3021-3041 Orchard Park Road, LLC.

Logged By: TAB

Site Location: Orchard Park NY

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 / 25 / 50)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Asphalt***							
		Poorly Graded Fine Sand with Gravel Grey, moist, mostly medium sand, little fine gravel (shale fragments), few non-plastic fines, medium dense, loose when disturbed.	S1	17	1.0		0.0		
	-2.0 2.0	As above, dark grey, loose.	S2	10	1.1		3.6		
	-3.5 3.5	***Lean Clay with Sand***							
	-4.0 4.0	Grey, moist, mostly low plasticity fines, little fine sand, firm, medium toughness, medium dry strength, massive.	S3	8	1.1		0.0		
5.0		***Lean Clay*** Grey/brown, moist, mostly, medium plasticity fines, few fine sand, stiff, medium toughness, medium dry strength, massive.							
	-6.0 6.0	As above.	S3	13	0.4		0.0		
	-8.0 8.0	As above, laminated.							
	-9.0 9.0	***Poorly Graded Fine Sand with Silt*** Brown, wet (9.0 fbgs), mostly fine sand, few non-plastic fines, medium dense, rapid dilatency.	S4	12	2.0		0.0		First water at 9.0 fbgs.
10.0	-10.0 10.0	As above.							
	-11.0 11.0	***Lean Clay with Sand***	S6	21	1.5		0.0		
	-12.0 12.0	Grey moist, mostly medium plasticity fines, little fine sand, very stiff, medium toughness, medium dry strength, massive.							Assumed top of weathered bedrock (12.0 fbgs).
		Augered Augered (12.0 to 15.0 fbgs).							
15.0	-15.0 15.0	***Bedrock (weathered)*** Grey, wet, fissile shale with some non-plastic fines, trace fine sand, very weak, fine grained, thinly bedded, intensely fractured, non-cohesive sediment.	S7	21	1.5		33.1		
	-17.0 17.0								
	-17.4 17.4	Auger refusal at 17.4 fbgs.							Top of competent bedrock (17.4 fbgs).
		End of Borehole							

Drilled By: SJB
Drill Rig Type: CME 550x
Drill Method: 3 1/4-inch HSA
Comments:
Drill Date(s): 11/11/14

Hole Size: 7 1/2-inch
Stick-up: NA
Datum: Mean Sea Level.

Sheet: 1 of 1

Project No: 0304-012-003

Borehole Number: B-5

Project: 3021-3041 Orchard Park Road Geotechnical Investigation

A.K.A.: SJB-4

Client: 3021-3041 Orchard Park Road, LLC.

Logged By: TAB

Site Location: Orchard Park, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (ftbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 / 50 / 100)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Asphalt***							
		Poorly Graded Fine Sand with Gravel Grey, moist, mostly medium sand, little fine gravel (angular), few non-plastic fines, medium dense, loose when disturbed.	S1	11	0.5		0.0		
	-2.0 2.0	***Poorly Graded Gravel with Silt*** Dark grey, moist, mostly fine gravel (sub-rounded), little fine sand, few non-plastic fines, loose.	S2	9	0.3		0.0		
	-4.0 4.0	***Lean Clay*** Brown, moist, mostly medium plasticity, few fine sand, firm, medium toughness, medium dry strength, massive.	S3	8	1.7		0.5		
5.0	-6.0 6.0	As above, stiff.	S3	10	2.0		0.5		
	-8.0 8.0	As above, trace fine gravel (sub-rounded).	S4	12	1.9		0.0		
	-9.0 9.0	***Sandy Lean Clay*** Grey, moist, mostly low plasticity fines, little fine sand, few fine gravel (shale), stiff, medium toughness, medium dry strength, massive,							
10.0	-10.0 10.0	As above, very stiff.	S6	16	2.0		0.0		
	-12.0 12.0	As above, sub-rounded gravel.	S7	16	1.5		0.0		
	-14.0 14.0	As above.	S8	15	2.0		0.0		
15.0	-16.0 16.0	***Bedrock (weathered)*** Grey, wet, highly fissle with some non-plastic fines, trace fine sand, very weak, fine grained, thinly bedded intensely fractured, non-cohesive sediment.	S9	58	1.2		0.0		*First water 16.0 fbgs.* *Top of weathered bedrock (16.0 fbgs)*
	-18.0 18.0	As above.	S10	61	1.8		103		
20.0	-20.0 20.0	Auger Refusal at 21.0 fbgs.							
	-21.0 21.0	End of Borehole							*Top of competent bedrock (21.0 fbgs)*

Drilled By: SJB
Drill Rig Type: CME 550x
Drill Method: 3 1/4-inch HSA
Comments:
Drill Date(s): 11/11/14

Hole Size: 7 1/2-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 1 of 1

Project No: 0304-012-003

Borehole Number: B-6

Project: 3021-3041 Orchard Park Road Remedial Investigation

A.K.A.:

Client: 3021-3041 Orchard Park Road, LLC.

Logged By: TAB

Site Location: Orchard Park, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Asphalt***							
	-0.3 / 0.3	***Poorly Graded Gravel with Sand.*** Grey, moist to wet (3.5 to 4.0 fbgs), mostly fine gravel (angular/slag), some fine sand, trace non-plastic fines, dense, loose when disturbed.	C1	NA	0.7		0.0 0.0		First water 3.5 fbgs.
	-4.0 / 4.0	***Lean Clay*** Brown, moist, mostly medium plasticity, few fine sand, stiff, medium toughness, medium dry strength, massive.	C2	NA	0.4		2.6 2.6	Sample Location	
	-8.0 / 8.0	***Sandy Lean Clay*** Grey, moist, mostly low plasticity fines, some fine sand, few fine gravel (sub-rounded), stiff, medium toughness, medium dry strength, massive,	C3	NA	1.4		0.0		
	-9.5 / 9.5	Macro-core refusal at 10.0 fbgs.							
10.0	-10.0 / 10.0	End of Borehole							

Drilled By: Russo Development, Inc.
Drill Rig Type: AMS Power Probe
Drill Method: Direct push w/ 4-foot macro-core
Comments:
Drill Date(s): 12/12/14

Hole Size: 3 1/2-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 1 of 1

Project No: 0304-012-003

Borehole Number: B-7

Project: 3021-3041 Orchard Park Road Remedial Investigation

A.K.A.:

Client: 3021-3041 Orchard Park Road, LLC.

Logged By: TAB

Site Location: Orchard Park, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Asphalt***							
	-0.4								
	0.4	***Poorly Graded Gravel with Sand.*** Grey, moist, mostly fine gravel (angular/slag), some fine sand, trace non-plastic fines, dense, loose when disturbed.					0.0		
	-1.0								
	1.0	***Sandy Lean Clay*** Brown, moist, mostly medium plasticity, few fine sand, stiff, medium toughness, medium dry strength, massive.	C1	NA	2.0		0.0		
	-4.0								
	4.0	As above.					0.0		
5.0			C2	NA	4.0			Sample Location	
							0.0		
	-8.0								
	8.0	As above.							
	-9.0						0.0		
	9.0	As, above grey.	C3	NA	3.3				
	-9.5								
	9.5	Macro-core refusal at 10.0 fbgs.							
10.0	-10.0								
	10.0	End of Borehole							

Drilled By: Russo Development, Inc.
Drill Rig Type: AMS Power Probe
Drill Method: Direct push w/ 4-foot macro-core.
Comments:
Drill Date(s): 12/12/14

Hole Size: 3 1/2-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 1 of 1

Project No: 0304-012-003

Borehole Number: B-8

Project: 3021-3041 Orchard Park Road Remedial Investigation

A.K.A.:

Client: 3021-3041 Orchard Park Road, LLC.

Logged By: TAB

Site Location: Orchard Park, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Asphalt***							
	-0.4 / 0.4	***Poorly Graded Gravel with Sand.*** Grey, moist to wet (3.5 to 4.0 fbgs), mostly fine gravel (angular/slag), some fine sand, trace non-plastic fines, dense, loose when disturbed.							
	-1.0 / 1.0	***Lean Clay with Sand*** Grey, moist, mostly medium plasticity, few fine sand, stiff, medium toughness, medium dry strength, massive.	C1	NA	2.0		0.0		
							0.0		
	-4.0 / 4.0	As above, reddish brown.							
5.0			C2	NA	0.6		0.1		
							0.1		
	-8.0 / 8.0	***Sandy Lean clay with Gravel*** Grey, moist, mostly low plasticity fines, some fine sand, little fine gravel (sub-rounded and shale fragments), trace coarse sand, medium toughness, medium dry strength, very stiff, massive.							
10.0			C3	NA	2.6		0.0	Sample Location	
	-11.0 / 11.0	Macro-core refusal at 11.5 fbgs.							
	-11.5 / 11.5	End of Borehole							

Drilled By: Russo Development, Inc.
Drill Rig Type: AMS Power Probe
Drill Method: Direct push w/ 4-foot macro-core.
Comments:
Drill Date(s): 12/12/14

Hole Size: 3 1/2-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 1 of 1

Project No: 0304-012-003

Borehole Number: B-9

Project: 3021-3041 Orchard Park Road Remedial Investigation

A.K.A.:

Client: 3021-3041 Orchard Park Road, LLC.

Logged By: TAB

Site Location: Orchard Park, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0 -0.3 0.3	***Asphalt*** ***Sandy Lean Clay*** Brown, moist, mostly medium plasticity, some fine sand, trace fine gravel, stiff, medium toughness, medium dry strength, massive.	C1	NA	0.9		0.0 0.0		
	-4.0 4.0	As above, reddish brown.	C2	NA	4.0		0.0 0.0	Sample Location	
5.0									
	-8.0 8.0	As above	C3	NA	3.9		0.0		
	-9.0 9.0 -9.5 9.5	Macro-core refusal at 9.5 fbgs. End of Borehole							
10.0									

Drilled By: Russo Development, Inc.
Drill Rig Type: AMS Power Probe
Drill Method: Direct push w/ 4-foot macro-core.
Comments:
Drill Date(s): 12/12/14

Hole Size: 3 1/2-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 1 of 1

Project No: 0304-012-003

Borehole Number: B-10

Project: 3021-3041 Orchard Park Road Remedial Investigation

A.K.A.:

Client: 3021-3041 Orchard Park Road, LLC.

Logged By: TAB

Site Location: Orchard Park, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 / 12.5 / 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0 -0.3	***Asphalt***							
	0.3	***Sandy Lean Clay*** Grey, moist, mostly low plasticity fines, some fine sand, trace fine gravel (sub-rounded), stiff, medium toughness, medium dry strength, massive.	C1	NA	3.3		0.0 0.0		
	-4.0 4.0	As above, reddish brown, hard, blocky.	C2	NA	4.0		0.0	Sample Location	
5.0	-6.5 6.5	Macro-core refusal at 7.0 fbgs.					0.0		
	-7.0 7.0	End of Borehole							
10.0									

Drilled By: Russo Development, Inc.
Drill Rig Type: AMS Power Probe
Drill Method: Direct push w/ 4-foot macro-core.
Comments:
Drill Date(s): 12/12/14

Hole Size: 3 1/2-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 1 of 1

Project No: 0304-012-003

Borehole Number: B-11

Project: 3021-3041 Orchard Park Road Remedial Investigation

A.K.A.:

Client: 3021-3041 Orchard Park Road, LLC.

Logged By: TAB

Site Location: Orchard Park, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 / 12.5 / 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0 -0.3	***Asphalt***							
	0.3	***Poorly Graded Gravel and Sand*** Grey, moist, mostly fine gravel (angular/slag), some fine sand, trace non-plastic fines, dense, loose when disturbed.					0.0		
	-1.0 1.0	***Sandy Lean Clay*** Dark grey, moist, mostly low plasticity fines, some fine sand, trace fine gravel (sub-rounded), stiff, medium toughness, medium dry strength, massive.	C1	NA	3.3		0.0	Sample Location	*First water 4.0 fbgs.*
	-4.0 4.0	Brown, wet, mostly fine sand, little non-plastic fines, medium dense, rapid dilatency.							
5.0			C2	NA	4.0		0.0 0.0		
	-8.0 8.0	As above.	C3	NA	1.2				
	-9.0 9.0	Macro-core refusal at 9.5 fbgs.							
	-9.5 9.5	End of Borehole							
10.0									

Drilled By: Russo Development, Inc.
Drill Rig Type: AMS Power Probe
Drill Method: Direct push w/ 4-foot macro-core.
Comments:
Drill Date(s): 12/12/14

Hole Size: 3 1/2-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 1 of 1

Project No: 0304-012-003

Borehole Number: B-12

Project: 3021-3041 Orchard Park Road Remedial Investigation

A.K.A.:

Client: 3021-3041 Orchard Park Road, LLC.

Logged By: TAB

Site Location: Orchard Park, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0 -0.3	***Asphalt***							
	0.3 -1.0	***Poorly Graded Gravel and Sand*** Grey, moist, mostly fine gravel (angular/slag), some fine sand, trace non-plastic fines, dense, loose when disturbed.					0.0		
	1.0 -1.5	As above, green/blue							
	1.5	***Silty Sand with Fill*** Brown/black, moist, mostly, fine sand, some non-plastic fines, few fine gravel, medium dense, loose when disturbed.	C1	NA	3.3		0.0	Sample Location	*First water 4.0 fbgs.*
	-4.0 4.0	As above, wet (6.0 fbgs), slow dilatency, no fill.							
5.0			C2	NA	4.0		0.0		
	-8.0 8.0	***Sandy Lean Clay*** Brown, moist, mostly low plasticity fines, some fine sand, stiff, medium toughness, medium dry strength, massive to blocky.	C3	NA	1.2		0.0		
	-9.0 9.0 -9.5	Macro-core refusal at 10.0 fbgs.							
	9.5	End of Borehole							
10.0									

Drilled By: Russo Development, Inc.
Drill Rig Type: Russo Development, Inc.
Drill Method: Direct push w/ 4-foot macro-core.
Comments:
Drill Date(s): 12/15/14

Hole Size: 3 1/2-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 1 of 1

Project No: 0304-012-003

Borehole Number: B-13

Project: 3021-3041 Orchard Park Road Remedial Investigation

A.K.A.:

Client: 3021-3041 Orchard Park Road, LLC.

Logged By: TAB

Site Location: Orchard Park, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0 / -0.4	***Asphalt***							
	0.4 / -1.0	***Poorly Graded Gravel and Sand*** Grey/green, moist, mostly fine gravel (angular/slag), some fine sand, trace non-plastic fines, dense, loose when disturbed.							
	1.0	***Sandy Lean Clay with Fill*** Brown/grey, moist, mostly medium to low plasticity fines, some fine sand, stiff, cinders and slag, medium toughness, medium dry strength, massive.	C1	NA	2.3		0.0	Sample Location	
	-4.0 / 4.0	As above, iron staining in desacration cracks, no fill materials.					0.0		
5.0			C2	NA	3.2		0.0		
	-8.0 / 8.0	As above.					0.0		
			C3	NA	4.0		0.0		
10.0	-10.0 / 10.0	As above, grey.							
	-10.5 / 10.5	Macro-core refusal at 11.0 fbgs.					0.0		
	-11.0 / 11.0	End of Borehole							

Drilled By: Russo Development, Inc.
Drill Rig Type: AMS Power Probe
Drill Method: Direct push w/ 4-foot macro-core.
Comments:
Drill Date(s): 12/15/14

Hole Size: 3 1/2-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 1 of 1

Project No: 0304-012-003

Borehole Number: B-14

Project: 3021-3041 Orchard Park Road Remedial Investigation

A.K.A.:

Client: 3021-3041 Orchard Park Road, LLC.

Logged By: TAB

Site Location: Orchard Park, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0 / -0.4	***Asphalt***							
	0.4 / -1.0	***Poorly Graded Gravel and Sand*** Brown/grey, moist, mostly fine gravel (angular/slag), some fine sand, trace non-plastic fines, dense, loose when disturbed.							
	1.0	***Sandy Lean Clay with Fill*** Brown/grey, moist, mostly medium plasticity fines, some fine sand, stiff, cinders and slag, medium toughness, medium dry strength, massive.	C1	NA	3.2		0.0	Sample Location	
	-4.0 / 4.0	As above, iron staining, no fill materials.					0.0		
5.0			C2	NA	2.8		0.0		
	-8.0 / 8.0	As above.					0.0		
			C3	NA	3.5		0.0		
10.0	-10.0 / 10.0	As above, grey.							
	-10.5 / 10.5	Macro-core refusal at 11.0 fbgs.					0.0		
	-11.0 / 11.0	End of Borehole							

Drilled By: Russo Development, Inc.
Drill Rig Type: AMS Power Probe
Drill Method: Direct push w/ 4-foot macro-core.
Comments:
Drill Date(s): 12/15/14

Hole Size: 3 1/2-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 1 of 1

Project No: 0304-012-003

Borehole Number: B-15

Project: 3021-3041 Orchard Park Road Remedial Investigation

A.K.A.:

Client: 3021-3041 Orchard Park Road, LLC.

Logged By: TAB

Site Location: Orchard Park, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0 / -0.3 / 0.3	***Asphalt*** / ***Sandy Lean Clay with Fill*** Brown, wet (1.0 fbgs), mostly medium plasticity fines, some fine sand, stiff, cinders and slag, medium toughness, medium dry strength, massive.	C1	NA	1.2		0.0 / 0.0	Sample Location	First water 1.0 fbgs.
	-4.0 / 4.0	As above, moist, no fill materials.	C2	NA	2.5		0.1 / 0.1		
5.0									
	-8.0 / 8.0	As above, grey, trace fine gravel (sub-rounded).	C3	NA	1.6		0.0		
10.0	-10.5 / 10.5	Macro-core refusal at 11.0 fbgs.					0.0		
	-11.0 / 11.0	End of Borehole							

Drilled By: Russo Development, Inc.
Drill Rig Type: AMS Power Probe
Drill Method: Direct push w/ 4-foot macro-core.
Comments:
Drill Date(s): 12/15/14

Hole Size: 3 1/2-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 1 of 1

Project No: 0304-012-003

Borehole Number: B-16

Project: 3021-3041 Orchard Park Road Remedial Investigation

A.K.A.:

Client: 3021-3041 Orchard Park Road, LLC.

Logged By: TAB

Site Location: Orchard Park, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Concrete*** Concrete floor.							
	-0.4 0.4	***Poorly Graded Sand with Silt*** Brown, moist, mostly, fine sand, few non-plastic fines, medium dense, loose when disturbed.	C1	NA	2.1		0.0		
							0.0		
	-4.0 4.0	As above.							
	-4.5 4.5	***Poorly Graded Gravel with Sand*** Grey, moist, mostly fine gravel (angular limestone), some fine sand, trace non-plastic fines, dense, loose when distubed.	C2	NA	1.1		0.0	Sample Location	
5.0	-5.0 5.0	***Sandy Lean Clay with Fill*** Black, wet (6..0 fbgs), mostly medium plasticity fines, some fine sand, few fine gravel (angular), stiff, medium toughness, medium dry strength, massive.							
	-5.5 5.5								
	-6.0 6.0	Macro-core refusal at 6.0 fbgs.							
		End of Borehole							

First water 6.0 fbgs.

Drilled By: Russo Development, Inc.
Drill Rig Type: AMS Power Probe
Drill Method: Direct push w/ 4-foot macro-core.
Comments:
Drill Date(s): 12/15/14

Hole Size: 3 1/2-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 1 of 1

Project No: 0304-012-003

Borehole Number: B-17

Project: 3021-3041 Orchard Park Road Remedial Investigation

A.K.A.:

Client: 3021-3041 Orchard Park Road, LLC.

Logged By: TAB

Site Location: Orchard Park, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Concrete*** Concrete floor.							
	-0.4 0.4	***Poorly Graded Sand with Silt*** Brown, moist, mostly, fine sand, few non-plastic fines, medium dense, loose when disturbed.	C1	NA	2.7		0.0		
	-4.0 4.0	***Poorly Graded Gravel with Sand*** Grey, moist, mostly fine gravel (angular slag), some fine sand, trace non-plastic fines, dense, loose when distubed.					0.0		
	-4.5 4.5	***Sandy Lean Clay with Fill*** Brown/black, wet (6..0 fbgs), mostly medium plasticity fines, some fine sand, trace fine gravel (angular), cinders stiff, medium toughness, medium dry strength, massive.							
5.0	-5.0 5.0	As above, brown, vertical grey fine sand partings, no fill materials.	C2	NA	2.7		0.0	Sample Location	
	-6.5 6.5	Macro-core refusal at 7.0 fbgs.					0.0		
	-7.0 7.0	End of Borehole							

Drilled By: Russo Development, Inc.
Drill Rig Type: AMS Power Probe
Drill Method: Direct push w/ 4-foot macro-core.
Comments:
Drill Date(s): 12/15/14

Hole Size: 3 1/2-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 1 of 1

Project No: 0304-012-003

Borehole Number: B-18

Project: 3021-3041 Orchard Park Road Remedial Investigation

A.K.A.:

Client: 3021-3041 Orchard Park Road, LLC.

Logged By: TAB

Site Location: Orchard Park, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0 / -0.4 / 0.4	***Concrete*** Concrete floor.							
		Poorly Graded Sand with Silt Brown, moist, mostly, fine sand, few non-plastic fines, medium dense, loose when disturbed.	C1	NA	1.7		0.0 / 0.0		
	-4.0 / 4.0 / -4.5 / 4.5	***Poorly Graded Gravel with Sand*** Grey/black, wet (4.0 fbgs), mostly fine gravel (angular slag), some fine sand, trace non-plastic fines, dense, loose when distubed.							First water 4.0 fbgs.
5.0		***Sandy Lean Clay*** Brown, moist, mostly medium plasticity fines, some fine sand, trace fine gravel (angular), stiff, iron staining, medium toughness, medium dry strength, massive.	C2	NA	2.9		0.0 / 0.0	Sample Location	
	-8.0 / 8.0	As above, iron mottling.	C3	NA	4.0		0.0		
10.0	-10.0 / 10.0 / -10.5 / 10.5	Macro-core refusal at 10.5 fbgs. End of Borehole							

Drilled By: Russo Development, Inc.
Drill Rig Type: Russo Development, Inc.
Drill Method: Direct push w/ 4-foot macro-core.
Comments:
Drill Date(s): 12/15/14

Hole Size: 3 1/2-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 1 of 1

Project No: 0304-014-003

Borehole Number: B-19

Project: Remedial Investigation

A.K.A.:

Client: 3021 Orchard Park Road, LLC

Logged By: PWW

Site Location: 3021 Orchard Park Road Site

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Poorly Graded Fine Sand with Silt and Gravel*** Greyish, moist, mostly medium sand, little fine gravel, few non-plastic fines, medium dense, loose when disturbed	S-1	NA	2.4		0.0 0.0	Sample collected	
	-4.0								
	4.0	***Lean Clay*** Brown, moist, mostly medium plasticity fines, trace fine sand, firm, massive	S-2	NA	4.0		0.0 0.0		
5.0									
	-8.0								
	8.0	As above, moist to wet (8')	S-3	NA	4.0		0.0 0.0		
10.0									
	-12.0								
	12.0	As above.	S-4	NA	0.0		0.0 0.0		
15.0									
	-15.5								
	15.5	***Bedrock (weathered)*** Grey,wet, highly fissile shale with some non-plastic fines, trace fine sand, very weak, fine-grained, thinly bedded intensely fractured, non-cohesive sediment.							*Top of weathered bedrock (15.5 fbgs).*
	-16.0								
	16.0	End of Borehole							
20.0									

Drilled By: Trec Environmental Inc.
Drill Rig Type: Geoprobe 54LT
Drill Method: Direct push with 4' macro-core
Comments:
Drill Date(s): 12-30-14

Hole Size: 2"
Stick-up: NA
Datum: Mean Sea Level

Sheet: 1 of 1

Project No: 0304-014-003

Borehole Number: B-20

Project: Remedial Investigation

A.K.A.:

Client: 3021 Orchard Park Road, LLC

Logged By: PWW

Site Location: 3021 Orchard Park Road Site

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Lean Clay with Fill*** Greyish brown, moist, mostly medium plasticity fines, some slag and red brick, trace fine sand, stiff, massive					0.0		
	-2.0 2.0	***Lean Clay*** Brown, moist, mostly medium plasticity fines, trace fine sand, firm, massive	S-1	NA	2.4		0.0	Sample collected	
	-4.0 4.0	As above, moist to wet (8')					0.0		
5.0			S-2	NA	4.0		0.0		
	-8.0 8.0	As above					0.0		
10.0			S-3	NA	4.0		0.0		
	-12.0 12.0	As above.					0.0		
15.0			S-4	NA	4.0		0.0		
	-15.5 15.5	***Bedrock (weathered)*** Grey, wet, highly fissile shale with some non-plastic fines, trace fine sand, very weak, fine-grained, thinly bedded intensely fractured, non-cohesive sediment.							*Weathered top of bedrock (15.5 fbgs)*
	-16.0 16.0	End of Borehole							
20.0									

Drilled By: Trec Environmental Inc.
Drill Rig Type: Geoprobe 54LT
Drill Method: Direct push with 4' macro-core
Comments:
Drill Date(s): 12-30-14

Hole Size: 2"
Stick-up: NA
Datum: Mean Sea Level

Sheet: 1 of 1

Project No: 0304-014-003

Borehole Number: B-21

Project: Remedial Investigation

A.K.A.:

Client: 3021 Orchard Park Road, LLC

Logged By: PWW

Site Location: 3021 Orchard Park Road Site

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 / 12.5 / 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Lean Clay with Fill*** Greyish brown, moist, mostly medium plasticity fines, some slag and red brick, trace fine sand, stiff, massive	S-1	NA	2.4		0.0; 15.0		
	-2.5 / 2.5	***Weathered Shale*** slight odors							
	-3.5 / 3.5	***Lean Clay*** Brown, moist, mostly medium plasticity fines, trace fine sand, firm, massive						Sample collected	
5.0	-4.0 / 4.0	As above	S-2	NA	4.0		0.0; 0.0		
	-8.0 / 8.0	As above, moist to wet (10')	S-3	NA	4.0		0.0; 0.0		*First water (10.0 fbgs).*
10.0	-12.0 / 12.0	As above.	S-4	NA	4.0		0.0; 0.0		
15.0	-15.5 / 15.5	***Bedrock (weathered)*** Grey, wet, highly fissile shale with some non-plastic fines, trace fine sand, very weak, fine-grained, thinly bedded intensely fractured, non-cohesive sediment.							*Weathered top of bedrock (15.5 fbgs).*
	-16.0 / 16.0	End of Borehole							
20.0									

Drilled By: Trec Environmental Inc.
Drill Rig Type: Geoprobe 54LT
Drill Method: Direct push with 4' macro-core
Comments:
Drill Date(s): 12-30-14

Hole Size: 2"
Stick-up: NA
Datum: Mean Sea Level

Sheet: 1 of 1

Project No: 0304-012-003

Borehole Number: B-22

Project: 3021-3041 Orchard Park Road Remedial Investigation

A.K.A.:

Client: 3021-3041 Orchard Park Road, LLC.

Logged By: TAB

Site Location: Orchard Park, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0 / -0.3	***Asphalt***							
	0.3	***Poorly Graded gravel with Sand*** Grey, moist, mostly fine gravel (angular/slag), some fine sand, trace non-plastic fines, dense, loose when disturbed.					0.0		
	-1.0 / 1.0	***Sandy Lean Clay with Fill*** Brown/black, wet (1.0 fbgs), mostly medium plasticity fines, some fine sand, stiff, cinders and slag, medium toughness, medium dry strength, massive.	C1	NA	2.1		0.0	Sample Location	
	-4.0 / 4.0	As above, moist, iron staining, no fill materials.					0.0		
5.0			C2	NA	3.6		0.0		First water 8.0 fbgs.
	-8.0 / 8.0	As above, grey, wet (8.0 fbgs), trace fine gravel (sub-rounded), soft.	C3	NA	1.4		0.0		
	-9.5 / 9.5	Macro-core refusal at 10.0 fbgs.							
10.0	-10.0 / 10.0	End of Borehole							

Drilled By: Russo Development, Inc.
Drill Rig Type: AMS Power Probe
Drill Method: Direct push w/ 4-foot macro-core.
Comments:
Drill Date(s): 12/15/14

Hole Size: 3 1/2-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 1 of 1

Project No: 0304-012-003

Borehole Number: B-23

Project: 3021-3041 Orchard Park Road Geotechnical Investigation

A.K.A.:

Client: 3021-3041 Orchard Park Road, LLC.

Logged By: TAB

Site Location: Orchard Park NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Asphalt***							
	-0.6	Asphalt							
	0.6	***Poorly Graded Gravel with Sand***	S1	38	0.5		0.0		
	-2.0	Grey, moist, mostly fine gravel (angular/slag), some fine sand, trace non-plastic fines, dense, loose when disturbed.							
	2.0	***Gravelly Lean Clay with Sand***	S2	7	0.7		0.0	Sample Location	
	-4.0	Brown, wet (2.0 fbgs), mostly low plasticity fines, some fine gravel (sub-rounded), little fine sand, firm, medium toughness, medium dry strength, massive.							
5.0	4.0	***Sandy Lean Clay***	S3	11	2.0		0.0		
	-6.0	Brown, wet, mostly low plasticity fines, some fine sand, iron staining, stiff, medium toughness, medium dry strenght.							
	6.0	As above, trace fine gravel (sub-rounded).	S3	18	1.9		0.0		
	-8.0								
	8.0	***Lean Clay with Sand***	S4	24	2.0		0.0		
	-8.5	Dark brown, wet, mostly low plasticity fines, little fine sand, few fine gravel (sub-rounded), very stiff, massive, medium toughness, medium dry strength.							
	8.5	As (6.0 to 8.0 fbgs) above.							
10.0	-10.0								
	10.0	***Lean Clay with Sand***	S6	12	2.0		0.0		
	-12.0	Brown, moist, mostly medium plasticity fines, little fine sand, very stiff, iron staing, stiff, medium toughness, medium dry strength, massive.							
	12.0	As above, grey, trace fine gravels (sub-rounded).	S7	9	2.0		0.0		
	-14.0								
	14.0	***Sandy Lean Clay with Gravel.***	S8	20	1.3		0.0		
15.0	-16.0	Grey, moist, mostly low plasticity fines, some fine sand, little sub-rounded fine gravel, massive, very stiff, medium toughness, medium dry strength.							
	16.0	As above, brown, hard.	S9	12	2.0		0.0		
	-17.0								
	17.0	***Bedrock (weathered)***							
		Grey, wet, highly fissle with some non-plastic fines, trace fine sand, very weak, fine grained, thinly bedded, intensely fractured, non-cohesive sediment.							
20.0		Split spoon refusal at 17.3 fbgs.							
		End of Borehole							

First water 2.0 fbgs.

Top of weathered bedrock (17.0 fbgs).

Drilled By: Earth Dimensions, Inc.
Drill Rig Type: Diedrich D120
Drill Method: 3 1/4-inch HSA
Comments:
Drill Date(s): 1/5/15

Hole Size: 8 1/4-inch
Stick-up: NA
Datum: Mean Sea Level.

Sheet: 1 of 1

Project No: 0304-014-003

Borehole Number: B-24

Project: Remedial Investigation

A.K.A.:

Client: 3021 Orchard Park Road, LLC

Logged By: PWW

Site Location: 3021 Orchard Park Road Site

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 / 12.5 / 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Poorly Graded Fine Sand with Silt and Gravel*** Greyish, moist, mostly medium sand, little fine gravel, few non-plastic fines, medium dense, loose when disturbed	S-1	NA	2.4		0.0, 3.4	Sample collected	
	-4.0								
	4.0	***Lean Clay*** Brown, moist, mostly medium plasticity fines, trace fine sand, firm, massive							
5.0			S-2	NA	4.0		0.0, 0.0		
	-8.0								
	8.0	As above, moist to wet (8')							
10.0			S-3	NA	4.0		0.0, 0.0		
	-12.0								
	12.0	As above.							
			S-4	NA	4.0		0.0		
	-14.5								
	14.5								
	-15.0	Macro-core refusal at 15.0 fbgs.							
15.0	15.0	End of Borehole					0.0		
20.0									

First water 8.0 fbgs.

Drilled By: Trec Environmental Inc.
Drill Rig Type: Geoprobe 54LT
Drill Method: Direct push with 4' macro-core
Comments:
Drill Date(s): 12-30-14

Hole Size: 2"
Stick-up: NA
Datum: Mean Sea Level

Sheet: 1 of 1

Project No: 0304-014-003

Borehole Number: B-25

Project: Remedial Investigation

A.K.A.:

Client: 3021 Orchard Park Road, LLC

Logged By: PWW

Site Location: 3021 Orchard Park Road Site

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 / 12.5 / 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Poorly Graded Sand with Silt and Gravel*** Greyish, moist, mostly medium sand, little fine gravel, few non-plastic fines, medium dense, loose when disturbed	S-1	NA	2.4		0.0 / 0.0		
	-4.0								
	4.0	***Lean Clay*** Brown, moist, mostly medium plasticity fines, trace fine sand, firm, massive	S-2	NA	4.0		0.0 / 0.0	Sample collected	
5.0									
	-8.0								
	8.0	As above, moist to wet (8')	S-3	NA	4.0		0.0 / 0.0		
10.0									
	-12.0								
	12.0	As above, apparent weathered bedrock in shoe	S-4	NA	4.0		0.0 / 0.0		
15.0									
	-15.5								
	15.5	***Bedrock (weathered)*** Grey, wet, highly fissile shale with some non-plastic fines, trace fine sand, very weak, fine-grained, thinly bedded intensely fractured, non-cohesive sediment.							
	-16.0								
	16.0	End of Borehole							
20.0									

First water at 8.0 fbgs.

Weathered bedrock at (15.5 fbgs).

Drilled By: Trec Environmental Inc.
Drill Rig Type: Geoprobe 54LT
Drill Method: Direct push with 4' macro-core
Comments:
Drill Date(s): 12-30-14

Hole Size: 2"
Stick-up: NA
Datum: Mean Sea Level

Sheet: 1 of 1

APPENDIX B5

PHOTOGRAPHIC LOG

SITE PHOTOGRAPHS

Photo 1:

Photo 2:

Photo 3:

Photo 4:

Photo 1: BCP Signage and General Property (Looking Southwest)

Photo 2: Existing building (Looking North)

Photo 3: Subslab Sampling (December 2014)

Photo 4: Interior soil boring

SITE PHOTOGRAPHS

Photo 5:

Photo 6:

Photo 7:

Photo 8:

Photo 5: Geoprobe investigation

Photo 6: Hand coring at boring B-20

Photo 7: Installation of monitoring well MW-3

Photo 8: Sampling of catch basin CB-1

APPENDIX B6

CAMP DATA

COMMUNITY AIR MONITORING DAILY LOG

Date: 12/12/14 FRI
Project: 3021 Orchard Park Rd
Job No.: 0304-014-004
Client: 3021-3041 Orchardpark Rd, LLC

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map):

WEATHER CONDITIONS:

Time of Day:	1000 A.M.	1615 P.M.
Ambient Air Temp.:	29°F	34°F
Wind Direction:	NW	SW
Wind Speed:	5-10	5-10
Precipitation:	Flurries	NONE

DESCRIPTION OF SITE ACTIVITIES: RI Drilling, Did not start Intrusive work until 1000

PARTICULATE MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 100 ug/m3 [1]			NONE		
Exceedence of 150 ug/m3 [1]			NONE		
Visual Observation of Fugitive Dust			NA		
			NA		
			NA		

VOC MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 5 ppm [1]			NONE		Temporarily halt Work and continue monitoring
Reading of 5 to 25 ppm [1]			NONE		Temporarily halt Work, abate emissions with corrective actions and continue monitoring [3]
Exceedence of 25 ppm [2]			NONE		Shut Down Work Immediately and notify Site Safety & Health Officer

1. Above background for 15 minute moving average.
2. Above background at Site perimeter (indicate location on attached sketch)
3. Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whicever is less) is below 5 ppm for 15 min.

NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: JAB Date: 12/12/14
Checked By: Date:

F:\CAD\TurnKey\3021-3041 Orchard Park Road\04 - RI-IRM-AA Work Plan\Figure 6; Proposed RI Sample Locations.dwg

12/12/14 · FRI

MICHAEL ROAD

ROOK DRIVE

ORCHARD PARK ROAD

WALGRI
PHARMACY

KEY BA

N

Ambient wind

Work Area

Work Area

Ambient wind

MW-OB

SB

PROPOSED MEDICAL BUILDING (± 7,213 SF)

B-11

B-10

B-9

B-8

B-6

(# 3027) FAMILY DOLLAR

(# 3029) FMR. TOPS, FMR. ANTIQUE MALL

NEW PORTE-COCHERE

BH8 TPMW6

(# 3031) FMR. CVS PHARMACY

SV

SB-2

BH1 TPMW1

BH11 TPMW-11

DW-1

MW-BR MW-OB

(# 3035) FMR. HAIR SALON & DRY CLEANER

SB-1

NEW ADDITION

BH-13 TPMW10

BH7 TPMW5

(# 3037) FMR. PAINT SHOP

SB INDOOR AIR

SB-5

SB-3

BH-10 TPMW-7

BH2

TPMW2

SUBSLAB VAPOR

BH6 TPMW4

(# 3039) FMR. DRY CLEANER & FMR. INSTYRE PRINTING CO.

SB-4

OUTDOOR AIR

BH-12 TPMW-9

(# 3041) FMR. BANK & FMR. CREDIT UNION

BH5

BH4 TPMW-8

BH-11 TPMW-8

BH9

MW-OB MW-BR

LEGEND:

	PROPERTY BOUNDARY
	PARCEL BOUNDARY
	EXISTING BUILDING (NO PLANNED DEVELOPMENT)
	PLANNED NEW REDEVELOPMENT
	PLANNED REDEVELOPMENT
SB-1	SOIL BORING (TURNKEY)
BH-10 TPMW-7	BORE HOLE / TEMPORARY WELL (TURNKEY)
BH-1	BORE HOLE (LCS)
BH6 TPMW4	BOREHOLE / TEMPORARY WELL (LCS)
SUB-1	AIR SAMPLE LOCATION (SUBSLAB VAPOR & OUTDOOR AIR)
SV-01	PLANNED SOIL VAPOR SAMPLE LOCATION (2)
SB	PLANNED RI SOIL BORING (18)
MW-OB	PLANNED RI OVERBURDEN MONITORING WELL (5)
MW-BR	PLANNED RI BEDROCK MONITORING WELL (3)

60' 0' 60' 120'

SCALE: 1 INCH = 60 FEET
SCALE IN FEET
(approximate)

DATE: JULY 2014
DRAFTED BY: BCH

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TURNKEY ENVIRONMENTAL RESTORATION, LLC

2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599

JOB NO.: 0304-014-002

PROPOSED RI SAMPLE LOCATIONS

RI/IRM/AA WORK PLAN

3021 ORCHARD PARK ROAD SITE
ORCHARD PARK, NEW YORK

PREPARED FOR

3021-3041 ORCHARD PARK ROAD LLC

FIGURE 6

DISCLAIMER: PROPERTY OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC. & TURNKEY ENVIRONMENTAL RESTORATION, LLC. IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. INFORMATION CONTAINED HEREON IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN NECESSARY SUBCONTRACTORS & SUPPLIERS WITHOUT THE WRITTEN CONSENT OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC & TURNKEY ENVIRONMENTAL RESTORATION, LLC.

Test 005

Instrument		Data Properties	
Model	SidePak Aerosol Monitor	Start Date	12/12/2014
Meter S/N	11106036	Start Time	11:20:08
		Stop Date	12/12/2014
		Stop Time	17:05:08
		Total Time	0:05:45:00
		Logging Interval	900 seconds

Statistics	
	Aerosol
Avg	0.013 mg/m^3
Max	0.020 mg/m^3
Max Date	12/12/2014
Max Time	17:05:08
Min	0.010 mg/m^3
Min Date	12/12/2014
Min Time	11:35:08
TWA (8 hr)	0.009
TWA Start Date	12/12/2014
TWA Start Time	11:20:08
TWA End Time	17:05:08

Test Data			
Data Point	**Date**	**Time**	**Aerosol mg/m^3**
1	12/12/2014	11:35:08	0.010
2	12/12/2014	11:50:08	0.010
3	12/12/2014	12:05:08	0.010
4	12/12/2014	12:20:08	0.010
5	12/12/2014	12:35:08	0.014
6	12/12/2014	12:50:08	0.016
7	12/12/2014	13:05:08	0.013
8	12/12/2014	13:20:08	0.011
9	12/12/2014	13:35:08	0.013
10	12/12/2014	13:50:08	0.013
11	12/12/2014	14:05:08	0.014
12	12/12/2014	14:20:08	0.014
13	12/12/2014	14:35:08	0.014
14	12/12/2014	14:50:08	0.014
15	12/12/2014	15:05:08	0.014
16	12/12/2014	15:20:08	0.013
17	12/12/2014	15:35:08	0.012
18	12/12/2014	15:50:08	0.012
19	12/12/2014	16:05:08	0.011
20	12/12/2014	16:20:08	0.013
21	12/12/2014	16:35:08	0.014
22	12/12/2014	16:50:08	0.015
23	12/12/2014	17:05:08	0.020

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 006938
User ID: PID 1 Site ID: PID 1469
Data Points: 369 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 12/08/2014 09:05
Start At: 12/12/2014 10:03 End At: 12/12/2014 16:11

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	100.0	100.0	100.0
Low Alarm Levels:	50.0	50.0	50.0
STEL Alarm Levels:	25.0	25.0	25.0
TWA Alarm Levels:	5.0	5.0	5.0

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
Peak Data Value:	-----	0.0	0.0
Min Data Value:	-----	0.0	0.0
TWA Data Value:	-----	0.0	0.0
AVG Data Value:	-----	0.0	0.0

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 006938
User ID: PID 1 Site ID: PID 1469
Data Points: 369 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 12/08/2014 09:05

Measurement Type:	Min(ppm)			Avg(ppm)			Max(ppm)		
Alarm Type:	STEL	TWA	AVG	STEL	TWA	AVG	STEL	TWA	AVG
Alarm Levels:	25.0	5.0		25.0	5.0		25.0	5.0	

			Min(ppm)			Avg(ppm)			Max(ppm)		
Line#	Date	Time	STEL	TWA	AVG	STEL	TWA	AVG	STEL	TWA	AVG
1	12/12/2014	10:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
2	12/12/2014	10:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
3	12/12/2014	10:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
4	12/12/2014	10:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
5	12/12/2014	10:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
6	12/12/2014	10:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
7	12/12/2014	10:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
8	12/12/2014	10:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
9	12/12/2014	10:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
10	12/12/2014	10:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
11	12/12/2014	10:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
12	12/12/2014	10:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
13	12/12/2014	10:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
14	12/12/2014	10:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
15	12/12/2014	10:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
16	12/12/2014	10:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
17	12/12/2014	10:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
18	12/12/2014	10:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
19	12/12/2014	10:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
20	12/12/2014	10:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
21	12/12/2014	10:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
22	12/12/2014	10:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
23	12/12/2014	10:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
24	12/12/2014	10:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
25	12/12/2014	10:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
26	12/12/2014	10:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
27	12/12/2014	10:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
28	12/12/2014	10:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
29	12/12/2014	10:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
30	12/12/2014	10:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
31	12/12/2014	10:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
32	12/12/2014	10:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
33	12/12/2014	10:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
34	12/12/2014	10:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
35	12/12/2014	10:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
36	12/12/2014	10:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
37	12/12/2014	10:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
38	12/12/2014	10:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
39	12/12/2014	10:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
40	12/12/2014	10:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
41	12/12/2014	10:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
42	12/12/2014	10:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
43	12/12/2014	10:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
44	12/12/2014	10:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
45	12/12/2014	10:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
46	12/12/2014	10:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
47	12/12/2014	10:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
48	12/12/2014	10:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
49	12/12/2014	10:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
50	12/12/2014	10:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
51	12/12/2014	10:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
52	12/12/2014	10:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
53	12/12/2014	10:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
54	12/12/2014	10:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
55	12/12/2014	10:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

56	12/12/2014 10:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
57	12/12/2014 10:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
58	12/12/2014 11:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
59	12/12/2014 11:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
60	12/12/2014 11:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
61	12/12/2014 11:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
62	12/12/2014 11:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
63	12/12/2014 11:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
64	12/12/2014 11:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
65	12/12/2014 11:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
66	12/12/2014 11:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
67	12/12/2014 11:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
68	12/12/2014 11:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
69	12/12/2014 11:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
70	12/12/2014 11:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
71	12/12/2014 11:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
72	12/12/2014 11:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
73	12/12/2014 11:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
74	12/12/2014 11:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
75	12/12/2014 11:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
76	12/12/2014 11:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
77	12/12/2014 11:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
78	12/12/2014 11:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
79	12/12/2014 11:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
80	12/12/2014 11:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
81	12/12/2014 11:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
82	12/12/2014 11:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
83	12/12/2014 11:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
84	12/12/2014 11:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
85	12/12/2014 11:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
86	12/12/2014 11:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
87	12/12/2014 11:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
88	12/12/2014 11:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
89	12/12/2014 11:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
90	12/12/2014 11:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
91	12/12/2014 11:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
92	12/12/2014 11:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
93	12/12/2014 11:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
94	12/12/2014 11:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
95	12/12/2014 11:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
96	12/12/2014 11:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
97	12/12/2014 11:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
98	12/12/2014 11:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
99	12/12/2014 11:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
100	12/12/2014 11:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
101	12/12/2014 11:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
102	12/12/2014 11:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
103	12/12/2014 11:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
104	12/12/2014 11:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
105	12/12/2014 11:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
106	12/12/2014 11:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
107	12/12/2014 11:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
108	12/12/2014 11:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
109	12/12/2014 11:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
110	12/12/2014 11:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
111	12/12/2014 11:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
112	12/12/2014 11:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
113	12/12/2014 11:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
114	12/12/2014 11:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
115	12/12/2014 11:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
116	12/12/2014 11:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
117	12/12/2014 11:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
118	12/12/2014 12:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
119	12/12/2014 12:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
120	12/12/2014 12:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
121	12/12/2014 12:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
122	12/12/2014 12:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
123	12/12/2014 12:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

124	12/12/2014 12:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
125	12/12/2014 12:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
126	12/12/2014 12:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
127	12/12/2014 12:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
128	12/12/2014 12:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
129	12/12/2014 12:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
130	12/12/2014 12:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
131	12/12/2014 12:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
132	12/12/2014 12:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
133	12/12/2014 12:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
134	12/12/2014 12:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
135	12/12/2014 12:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
136	12/12/2014 12:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
137	12/12/2014 12:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
138	12/12/2014 12:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
139	12/12/2014 12:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
140	12/12/2014 12:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
141	12/12/2014 12:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
142	12/12/2014 12:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
143	12/12/2014 12:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
144	12/12/2014 12:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
145	12/12/2014 12:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
146	12/12/2014 12:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
147	12/12/2014 12:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
148	12/12/2014 12:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
149	12/12/2014 12:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
150	12/12/2014 12:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
151	12/12/2014 12:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
152	12/12/2014 12:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
153	12/12/2014 12:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
154	12/12/2014 12:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
155	12/12/2014 12:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
156	12/12/2014 12:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
157	12/12/2014 12:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
158	12/12/2014 12:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
159	12/12/2014 12:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
160	12/12/2014 12:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
161	12/12/2014 12:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
162	12/12/2014 12:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
163	12/12/2014 12:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
164	12/12/2014 12:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
165	12/12/2014 12:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
166	12/12/2014 12:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
167	12/12/2014 12:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
168	12/12/2014 12:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
169	12/12/2014 12:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
170	12/12/2014 12:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
171	12/12/2014 12:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
172	12/12/2014 12:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
173	12/12/2014 12:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
174	12/12/2014 12:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
175	12/12/2014 12:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
176	12/12/2014 12:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
177	12/12/2014 12:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
178	12/12/2014 13:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
179	12/12/2014 13:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
180	12/12/2014 13:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
181	12/12/2014 13:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
182	12/12/2014 13:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
183	12/12/2014 13:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
184	12/12/2014 13:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
185	12/12/2014 13:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
186	12/12/2014 13:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
187	12/12/2014 13:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
188	12/12/2014 13:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
189	12/12/2014 13:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
190	12/12/2014 13:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
191	12/12/2014 13:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

192	12/12/2014	13:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
193	12/12/2014	13:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
194	12/12/2014	13:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
195	12/12/2014	13:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
196	12/12/2014	13:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
197	12/12/2014	13:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
198	12/12/2014	13:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
199	12/12/2014	13:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
200	12/12/2014	13:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
201	12/12/2014	13:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
202	12/12/2014	13:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
203	12/12/2014	13:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
204	12/12/2014	13:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
205	12/12/2014	13:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
206	12/12/2014	13:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
207	12/12/2014	13:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
208	12/12/2014	13:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
209	12/12/2014	13:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
210	12/12/2014	13:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
211	12/12/2014	13:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
212	12/12/2014	13:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
213	12/12/2014	13:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
214	12/12/2014	13:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
215	12/12/2014	13:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
216	12/12/2014	13:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
217	12/12/2014	13:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
218	12/12/2014	13:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
219	12/12/2014	13:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
220	12/12/2014	13:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
221	12/12/2014	13:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
222	12/12/2014	13:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
223	12/12/2014	13:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
224	12/12/2014	13:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
225	12/12/2014	13:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
226	12/12/2014	13:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
227	12/12/2014	13:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
228	12/12/2014	13:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
229	12/12/2014	13:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
230	12/12/2014	13:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
231	12/12/2014	13:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
232	12/12/2014	13:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
233	12/12/2014	13:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
234	12/12/2014	13:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
235	12/12/2014	13:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
236	12/12/2014	13:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
237	12/12/2014	13:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
238	12/12/2014	14:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
239	12/12/2014	14:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
240	12/12/2014	14:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
241	12/12/2014	14:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
242	12/12/2014	14:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
243	12/12/2014	14:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
244	12/12/2014	14:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
245	12/12/2014	14:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
246	12/12/2014	14:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
247	12/12/2014	14:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
248	12/12/2014	14:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
249	12/12/2014	14:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
250	12/12/2014	14:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
251	12/12/2014	14:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
252	12/12/2014	14:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
253	12/12/2014	14:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
254	12/12/2014	14:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
255	12/12/2014	14:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
256	12/12/2014	14:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
257	12/12/2014	14:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
258	12/12/2014	14:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
259	12/12/2014	14:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

260	12/12/2014 14:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
261	12/12/2014 14:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
262	12/12/2014 14:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
263	12/12/2014 14:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
264	12/12/2014 14:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
265	12/12/2014 14:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
266	12/12/2014 14:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
267	12/12/2014 14:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
268	12/12/2014 14:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
269	12/12/2014 14:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
270	12/12/2014 14:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
271	12/12/2014 14:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
272	12/12/2014 14:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
273	12/12/2014 14:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
274	12/12/2014 14:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
275	12/12/2014 14:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
276	12/12/2014 14:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
277	12/12/2014 14:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
278	12/12/2014 14:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
279	12/12/2014 14:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
280	12/12/2014 14:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
281	12/12/2014 14:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
282	12/12/2014 14:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
283	12/12/2014 14:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
284	12/12/2014 14:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
285	12/12/2014 14:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
286	12/12/2014 14:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
287	12/12/2014 14:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
288	12/12/2014 14:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
289	12/12/2014 14:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
290	12/12/2014 14:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
291	12/12/2014 14:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
292	12/12/2014 14:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
293	12/12/2014 14:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
294	12/12/2014 14:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
295	12/12/2014 14:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
296	12/12/2014 14:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
297	12/12/2014 14:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
298	12/12/2014 15:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
299	12/12/2014 15:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
300	12/12/2014 15:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
301	12/12/2014 15:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
302	12/12/2014 15:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
303	12/12/2014 15:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
304	12/12/2014 15:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
305	12/12/2014 15:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
306	12/12/2014 15:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
307	12/12/2014 15:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
308	12/12/2014 15:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
309	12/12/2014 15:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
310	12/12/2014 15:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
311	12/12/2014 15:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
312	12/12/2014 15:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
313	12/12/2014 15:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
314	12/12/2014 15:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
315	12/12/2014 15:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
316	12/12/2014 15:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
317	12/12/2014 15:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
318	12/12/2014 15:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
319	12/12/2014 15:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
320	12/12/2014 15:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
321	12/12/2014 15:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
322	12/12/2014 15:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
323	12/12/2014 15:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
324	12/12/2014 15:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
325	12/12/2014 15:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
326	12/12/2014 15:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
327	12/12/2014 15:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

328	12/12/2014	15:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
329	12/12/2014	15:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
330	12/12/2014	15:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
331	12/12/2014	15:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
332	12/12/2014	15:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
333	12/12/2014	15:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
334	12/12/2014	15:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
335	12/12/2014	15:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
336	12/12/2014	15:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
337	12/12/2014	15:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
338	12/12/2014	15:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
339	12/12/2014	15:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
340	12/12/2014	15:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
341	12/12/2014	15:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
342	12/12/2014	15:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
343	12/12/2014	15:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
344	12/12/2014	15:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
345	12/12/2014	15:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
346	12/12/2014	15:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
347	12/12/2014	15:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
348	12/12/2014	15:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
349	12/12/2014	15:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
350	12/12/2014	15:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
351	12/12/2014	15:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
352	12/12/2014	15:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
353	12/12/2014	15:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
354	12/12/2014	15:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
355	12/12/2014	15:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
356	12/12/2014	15:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
357	12/12/2014	15:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
358	12/12/2014	16:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
359	12/12/2014	16:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
360	12/12/2014	16:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
361	12/12/2014	16:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
362	12/12/2014	16:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
363	12/12/2014	16:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
364	12/12/2014	16:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
365	12/12/2014	16:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
366	12/12/2014	16:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
367	12/12/2014	16:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
368	12/12/2014	16:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
369	12/12/2014	16:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 006938
User ID: PID 1 Site ID: PID 1469
Data Points: 369 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 12/08/2014 09:05

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	100.0	100.0	100.0
Low Alarm Levels:	50.0	50.0	50.0

Line#	Date	Time	Min(ppm)	Avg(ppm)	Max(ppm)
1	12/12/2014	10:03	-----	0.0	0.0
2	12/12/2014	10:04	-----	0.0	0.0
3	12/12/2014	10:05	-----	0.0	0.0
4	12/12/2014	10:06	-----	0.0	0.0
5	12/12/2014	10:07	-----	0.0	0.0
6	12/12/2014	10:08	-----	0.0	0.0
7	12/12/2014	10:09	-----	0.0	0.0
8	12/12/2014	10:10	-----	0.0	0.0
9	12/12/2014	10:11	-----	0.0	0.0
10	12/12/2014	10:12	-----	0.0	0.0
11	12/12/2014	10:13	-----	0.0	0.0
12	12/12/2014	10:14	-----	0.0	0.0
13	12/12/2014	10:15	-----	0.0	0.0
14	12/12/2014	10:16	-----	0.0	0.0
15	12/12/2014	10:17	-----	0.0	0.0
16	12/12/2014	10:18	-----	0.0	0.0
17	12/12/2014	10:19	-----	0.0	0.0
18	12/12/2014	10:20	-----	0.0	0.0
19	12/12/2014	10:21	-----	0.0	0.0
20	12/12/2014	10:22	-----	0.0	0.0
21	12/12/2014	10:23	-----	0.0	0.0
22	12/12/2014	10:24	-----	0.0	0.0
23	12/12/2014	10:25	-----	0.0	0.0
24	12/12/2014	10:26	-----	0.0	0.0
25	12/12/2014	10:27	-----	0.0	0.0
26	12/12/2014	10:28	-----	0.0	0.0
27	12/12/2014	10:29	-----	0.0	0.0
28	12/12/2014	10:30	-----	0.0	0.0
29	12/12/2014	10:31	-----	0.0	0.0
30	12/12/2014	10:32	-----	0.0	0.0
31	12/12/2014	10:33	-----	0.0	0.0
32	12/12/2014	10:34	-----	0.0	0.0
33	12/12/2014	10:35	-----	0.0	0.0
34	12/12/2014	10:36	-----	0.0	0.0
35	12/12/2014	10:37	-----	0.0	0.0
36	12/12/2014	10:38	-----	0.0	0.0
37	12/12/2014	10:39	-----	0.0	0.0
38	12/12/2014	10:40	-----	0.0	0.0
39	12/12/2014	10:41	-----	0.0	0.0
40	12/12/2014	10:42	-----	0.0	0.0
41	12/12/2014	10:43	-----	0.0	0.0
42	12/12/2014	10:44	-----	0.0	0.0
43	12/12/2014	10:45	-----	0.0	0.0
44	12/12/2014	10:46	-----	0.0	0.0
45	12/12/2014	10:47	-----	0.0	0.0
46	12/12/2014	10:48	-----	0.0	0.0
47	12/12/2014	10:49	-----	0.0	0.0
48	12/12/2014	10:50	-----	0.0	0.0
49	12/12/2014	10:51	-----	0.0	0.0
50	12/12/2014	10:52	-----	0.0	0.0
51	12/12/2014	10:53	-----	0.0	0.0
52	12/12/2014	10:54	-----	0.0	0.0
53	12/12/2014	10:55	-----	0.0	0.0
54	12/12/2014	10:56	-----	0.0	0.0
55	12/12/2014	10:57	-----	0.0	0.0
56	12/12/2014	10:58	-----	0.0	0.0
57	12/12/2014	10:59	-----	0.0	0.0

58	12/12/2014 11:00	-----	0.0	0.0
59	12/12/2014 11:01	-----	0.0	0.0
60	12/12/2014 11:02	-----	0.0	0.0
61	12/12/2014 11:03	-----	0.0	0.0
62	12/12/2014 11:04	-----	0.0	0.0
63	12/12/2014 11:05	-----	0.0	0.0
64	12/12/2014 11:06	-----	0.0	0.0
65	12/12/2014 11:07	-----	0.0	0.0
66	12/12/2014 11:08	-----	0.0	0.0
67	12/12/2014 11:09	-----	0.0	0.0
68	12/12/2014 11:10	-----	0.0	0.0
69	12/12/2014 11:11	-----	0.0	0.0
70	12/12/2014 11:12	-----	0.0	0.0
71	12/12/2014 11:13	-----	0.0	0.0
72	12/12/2014 11:14	-----	0.0	0.0
73	12/12/2014 11:15	-----	0.0	0.0
74	12/12/2014 11:16	-----	0.0	0.0
75	12/12/2014 11:17	-----	0.0	0.0
76	12/12/2014 11:18	-----	0.0	0.0
77	12/12/2014 11:19	-----	0.0	0.0
78	12/12/2014 11:20	-----	0.0	0.0
79	12/12/2014 11:21	-----	0.0	0.0
80	12/12/2014 11:22	-----	0.0	0.0
81	12/12/2014 11:23	-----	0.0	0.0
82	12/12/2014 11:24	-----	0.0	0.0
83	12/12/2014 11:25	-----	0.0	0.0
84	12/12/2014 11:26	-----	0.0	0.0
85	12/12/2014 11:27	-----	0.0	0.0
86	12/12/2014 11:28	-----	0.0	0.0
87	12/12/2014 11:29	-----	0.0	0.0
88	12/12/2014 11:30	-----	0.0	0.0
89	12/12/2014 11:31	-----	0.0	0.0
90	12/12/2014 11:32	-----	0.0	0.0
91	12/12/2014 11:33	-----	0.0	0.0
92	12/12/2014 11:34	-----	0.0	0.0
93	12/12/2014 11:35	-----	0.0	0.0
94	12/12/2014 11:36	-----	0.0	0.0
95	12/12/2014 11:37	-----	0.0	0.0
96	12/12/2014 11:38	-----	0.0	0.0
97	12/12/2014 11:39	-----	0.0	0.0
98	12/12/2014 11:40	-----	0.0	0.0
99	12/12/2014 11:41	-----	0.0	0.0
100	12/12/2014 11:42	-----	0.0	0.0
101	12/12/2014 11:43	-----	0.0	0.0
102	12/12/2014 11:44	-----	0.0	0.0
103	12/12/2014 11:45	-----	0.0	0.0
104	12/12/2014 11:46	-----	0.0	0.0
105	12/12/2014 11:47	-----	0.0	0.0
106	12/12/2014 11:48	-----	0.0	0.0
107	12/12/2014 11:49	-----	0.0	0.0
108	12/12/2014 11:50	-----	0.0	0.0
109	12/12/2014 11:51	-----	0.0	0.0
110	12/12/2014 11:52	-----	0.0	0.0
111	12/12/2014 11:53	-----	0.0	0.0
112	12/12/2014 11:54	-----	0.0	0.0
113	12/12/2014 11:55	-----	0.0	0.0
114	12/12/2014 11:56	-----	0.0	0.0
115	12/12/2014 11:57	-----	0.0	0.0
116	12/12/2014 11:58	-----	0.0	0.0
117	12/12/2014 11:59	-----	0.0	0.0
118	12/12/2014 12:00	-----	0.0	0.0
119	12/12/2014 12:01	-----	0.0	0.0
120	12/12/2014 12:02	-----	0.0	0.0
121	12/12/2014 12:03	-----	0.0	0.0
122	12/12/2014 12:04	-----	0.0	0.0
123	12/12/2014 12:05	-----	0.0	0.0
124	12/12/2014 12:06	-----	0.0	0.0
125	12/12/2014 12:07	-----	0.0	0.0

126	12/12/2014 12:08	-----	0.0	0.0
127	12/12/2014 12:09	-----	0.0	0.0
128	12/12/2014 12:10	-----	0.0	0.0
129	12/12/2014 12:11	-----	0.0	0.0
130	12/12/2014 12:12	-----	0.0	0.0
131	12/12/2014 12:13	-----	0.0	0.0
132	12/12/2014 12:14	-----	0.0	0.0
133	12/12/2014 12:15	-----	0.0	0.0
134	12/12/2014 12:16	-----	0.0	0.0
135	12/12/2014 12:17	-----	0.0	0.0
136	12/12/2014 12:18	-----	0.0	0.0
137	12/12/2014 12:19	-----	0.0	0.0
138	12/12/2014 12:20	-----	0.0	0.0
139	12/12/2014 12:21	-----	0.0	0.0
140	12/12/2014 12:22	-----	0.0	0.0
141	12/12/2014 12:23	-----	0.0	0.0
142	12/12/2014 12:24	-----	0.0	0.0
143	12/12/2014 12:25	-----	0.0	0.0
144	12/12/2014 12:26	-----	0.0	0.0
145	12/12/2014 12:27	-----	0.0	0.0
146	12/12/2014 12:28	-----	0.0	0.0
147	12/12/2014 12:29	-----	0.0	0.0
148	12/12/2014 12:30	-----	0.0	0.0
149	12/12/2014 12:31	-----	0.0	0.0
150	12/12/2014 12:32	-----	0.0	0.0
151	12/12/2014 12:33	-----	0.0	0.0
152	12/12/2014 12:34	-----	0.0	0.0
153	12/12/2014 12:35	-----	0.0	0.0
154	12/12/2014 12:36	-----	0.0	0.0
155	12/12/2014 12:37	-----	0.0	0.0
156	12/12/2014 12:38	-----	0.0	0.0
157	12/12/2014 12:39	-----	0.0	0.0
158	12/12/2014 12:40	-----	0.0	0.0
159	12/12/2014 12:41	-----	0.0	0.0
160	12/12/2014 12:42	-----	0.0	0.0
161	12/12/2014 12:43	-----	0.0	0.0
162	12/12/2014 12:44	-----	0.0	0.0
163	12/12/2014 12:45	-----	0.0	0.0
164	12/12/2014 12:46	-----	0.0	0.0
165	12/12/2014 12:47	-----	0.0	0.0
166	12/12/2014 12:48	-----	0.0	0.0
167	12/12/2014 12:49	-----	0.0	0.0
168	12/12/2014 12:50	-----	0.0	0.0
169	12/12/2014 12:51	-----	0.0	0.0
170	12/12/2014 12:52	-----	0.0	0.0
171	12/12/2014 12:53	-----	0.0	0.0
172	12/12/2014 12:54	-----	0.0	0.0
173	12/12/2014 12:55	-----	0.0	0.0
174	12/12/2014 12:56	-----	0.0	0.0
175	12/12/2014 12:57	-----	0.0	0.0
176	12/12/2014 12:58	-----	0.0	0.0
177	12/12/2014 12:59	-----	0.0	0.0
178	12/12/2014 13:00	-----	0.0	0.0
179	12/12/2014 13:01	-----	0.0	0.0
180	12/12/2014 13:02	-----	0.0	0.0
181	12/12/2014 13:03	-----	0.0	0.0
182	12/12/2014 13:04	-----	0.0	0.0
183	12/12/2014 13:05	-----	0.0	0.0
184	12/12/2014 13:06	-----	0.0	0.0
185	12/12/2014 13:07	-----	0.0	0.0
186	12/12/2014 13:08	-----	0.0	0.0
187	12/12/2014 13:09	-----	0.0	0.0
188	12/12/2014 13:10	-----	0.0	0.0
189	12/12/2014 13:11	-----	0.0	0.0
190	12/12/2014 13:12	-----	0.0	0.0
191	12/12/2014 13:13	-----	0.0	0.0
192	12/12/2014 13:14	-----	0.0	0.0
193	12/12/2014 13:15	-----	0.0	0.0

194	12/12/2014 13:16	-----	0.0	0.0
195	12/12/2014 13:17	-----	0.0	0.0
196	12/12/2014 13:18	-----	0.0	0.0
197	12/12/2014 13:19	-----	0.0	0.0
198	12/12/2014 13:20	-----	0.0	0.0
199	12/12/2014 13:21	-----	0.0	0.0
200	12/12/2014 13:22	-----	0.0	0.0
201	12/12/2014 13:23	-----	0.0	0.0
202	12/12/2014 13:24	-----	0.0	0.0
203	12/12/2014 13:25	-----	0.0	0.0
204	12/12/2014 13:26	-----	0.0	0.0
205	12/12/2014 13:27	-----	0.0	0.0
206	12/12/2014 13:28	-----	0.0	0.0
207	12/12/2014 13:29	-----	0.0	0.0
208	12/12/2014 13:30	-----	0.0	0.0
209	12/12/2014 13:31	-----	0.0	0.0
210	12/12/2014 13:32	-----	0.0	0.0
211	12/12/2014 13:33	-----	0.0	0.0
212	12/12/2014 13:34	-----	0.0	0.0
213	12/12/2014 13:35	-----	0.0	0.0
214	12/12/2014 13:36	-----	0.0	0.0
215	12/12/2014 13:37	-----	0.0	0.0
216	12/12/2014 13:38	-----	0.0	0.0
217	12/12/2014 13:39	-----	0.0	0.0
218	12/12/2014 13:40	-----	0.0	0.0
219	12/12/2014 13:41	-----	0.0	0.0
220	12/12/2014 13:42	-----	0.0	0.0
221	12/12/2014 13:43	-----	0.0	0.0
222	12/12/2014 13:44	-----	0.0	0.0
223	12/12/2014 13:45	-----	0.0	0.0
224	12/12/2014 13:46	-----	0.0	0.0
225	12/12/2014 13:47	-----	0.0	0.0
226	12/12/2014 13:48	-----	0.0	0.0
227	12/12/2014 13:49	-----	0.0	0.0
228	12/12/2014 13:50	-----	0.0	0.0
229	12/12/2014 13:51	-----	0.0	0.0
230	12/12/2014 13:52	-----	0.0	0.0
231	12/12/2014 13:53	-----	0.0	0.0
232	12/12/2014 13:54	-----	0.0	0.0
233	12/12/2014 13:55	-----	0.0	0.0
234	12/12/2014 13:56	-----	0.0	0.0
235	12/12/2014 13:57	-----	0.0	0.0
236	12/12/2014 13:58	-----	0.0	0.0
237	12/12/2014 13:59	-----	0.0	0.0
238	12/12/2014 14:00	-----	0.0	0.0
239	12/12/2014 14:01	-----	0.0	0.0
240	12/12/2014 14:02	-----	0.0	0.0
241	12/12/2014 14:03	-----	0.0	0.0
242	12/12/2014 14:04	-----	0.0	0.0
243	12/12/2014 14:05	-----	0.0	0.0
244	12/12/2014 14:06	-----	0.0	0.0
245	12/12/2014 14:07	-----	0.0	0.0
246	12/12/2014 14:08	-----	0.0	0.0
247	12/12/2014 14:09	-----	0.0	0.0
248	12/12/2014 14:10	-----	0.0	0.0
249	12/12/2014 14:11	-----	0.0	0.0
250	12/12/2014 14:12	-----	0.0	0.0
251	12/12/2014 14:13	-----	0.0	0.0
252	12/12/2014 14:14	-----	0.0	0.0
253	12/12/2014 14:15	-----	0.0	0.0
254	12/12/2014 14:16	-----	0.0	0.0
255	12/12/2014 14:17	-----	0.0	0.0
256	12/12/2014 14:18	-----	0.0	0.0
257	12/12/2014 14:19	-----	0.0	0.0
258	12/12/2014 14:20	-----	0.0	0.0
259	12/12/2014 14:21	-----	0.0	0.0
260	12/12/2014 14:22	-----	0.0	0.0
261	12/12/2014 14:23	-----	0.0	0.0

262	12/12/2014 14:24	-----	0.0	0.0
263	12/12/2014 14:25	-----	0.0	0.0
264	12/12/2014 14:26	-----	0.0	0.0
265	12/12/2014 14:27	-----	0.0	0.0
266	12/12/2014 14:28	-----	0.0	0.0
267	12/12/2014 14:29	-----	0.0	0.0
268	12/12/2014 14:30	-----	0.0	0.0
269	12/12/2014 14:31	-----	0.0	0.0
270	12/12/2014 14:32	-----	0.0	0.0
271	12/12/2014 14:33	-----	0.0	0.0
272	12/12/2014 14:34	-----	0.0	0.0
273	12/12/2014 14:35	-----	0.0	0.0
274	12/12/2014 14:36	-----	0.0	0.0
275	12/12/2014 14:37	-----	0.0	0.0
276	12/12/2014 14:38	-----	0.0	0.0
277	12/12/2014 14:39	-----	0.0	0.0
278	12/12/2014 14:40	-----	0.0	0.0
279	12/12/2014 14:41	-----	0.0	0.0
280	12/12/2014 14:42	-----	0.0	0.0
281	12/12/2014 14:43	-----	0.0	0.0
282	12/12/2014 14:44	-----	0.0	0.0
283	12/12/2014 14:45	-----	0.0	0.0
284	12/12/2014 14:46	-----	0.0	0.0
285	12/12/2014 14:47	-----	0.0	0.0
286	12/12/2014 14:48	-----	0.0	0.0
287	12/12/2014 14:49	-----	0.0	0.0
288	12/12/2014 14:50	-----	0.0	0.0
289	12/12/2014 14:51	-----	0.0	0.0
290	12/12/2014 14:52	-----	0.0	0.0
291	12/12/2014 14:53	-----	0.0	0.0
292	12/12/2014 14:54	-----	0.0	0.0
293	12/12/2014 14:55	-----	0.0	0.0
294	12/12/2014 14:56	-----	0.0	0.0
295	12/12/2014 14:57	-----	0.0	0.0
296	12/12/2014 14:58	-----	0.0	0.0
297	12/12/2014 14:59	-----	0.0	0.0
298	12/12/2014 15:00	-----	0.0	0.0
299	12/12/2014 15:01	-----	0.0	0.0
300	12/12/2014 15:02	-----	0.0	0.0
301	12/12/2014 15:03	-----	0.0	0.0
302	12/12/2014 15:04	-----	0.0	0.0
303	12/12/2014 15:05	-----	0.0	0.0
304	12/12/2014 15:06	-----	0.0	0.0
305	12/12/2014 15:07	-----	0.0	0.0
306	12/12/2014 15:08	-----	0.0	0.0
307	12/12/2014 15:09	-----	0.0	0.0
308	12/12/2014 15:10	-----	0.0	0.0
309	12/12/2014 15:11	-----	0.0	0.0
310	12/12/2014 15:12	-----	0.0	0.0
311	12/12/2014 15:13	-----	0.0	0.0
312	12/12/2014 15:14	-----	0.0	0.0
313	12/12/2014 15:15	-----	0.0	0.0
314	12/12/2014 15:16	-----	0.0	0.0
315	12/12/2014 15:17	-----	0.0	0.0
316	12/12/2014 15:18	-----	0.0	0.0
317	12/12/2014 15:19	-----	0.0	0.0
318	12/12/2014 15:20	-----	0.0	0.0
319	12/12/2014 15:21	-----	0.0	0.0
320	12/12/2014 15:22	-----	0.0	0.0
321	12/12/2014 15:23	-----	0.0	0.0
322	12/12/2014 15:24	-----	0.0	0.0
323	12/12/2014 15:25	-----	0.0	0.0
324	12/12/2014 15:26	-----	0.0	0.0
325	12/12/2014 15:27	-----	0.0	0.0
326	12/12/2014 15:28	-----	0.0	0.0
327	12/12/2014 15:29	-----	0.0	0.0
328	12/12/2014 15:30	-----	0.0	0.0
329	12/12/2014 15:31	-----	0.0	0.0

330	12/12/2014 15:32	-----	0.0	0.0
331	12/12/2014 15:33	-----	0.0	0.0
332	12/12/2014 15:34	-----	0.0	0.0
333	12/12/2014 15:35	-----	0.0	0.0
334	12/12/2014 15:36	-----	0.0	0.0
335	12/12/2014 15:37	-----	0.0	0.0
336	12/12/2014 15:38	-----	0.0	0.0
337	12/12/2014 15:39	-----	0.0	0.0
338	12/12/2014 15:40	-----	0.0	0.0
339	12/12/2014 15:41	-----	0.0	0.0
340	12/12/2014 15:42	-----	0.0	0.0
341	12/12/2014 15:43	-----	0.0	0.0
342	12/12/2014 15:44	-----	0.0	0.0
343	12/12/2014 15:45	-----	0.0	0.0
344	12/12/2014 15:46	-----	0.0	0.0
345	12/12/2014 15:47	-----	0.0	0.0
346	12/12/2014 15:48	-----	0.0	0.0
347	12/12/2014 15:49	-----	0.0	0.0
348	12/12/2014 15:50	-----	0.0	0.0
349	12/12/2014 15:51	-----	0.0	0.0
350	12/12/2014 15:52	-----	0.0	0.0
351	12/12/2014 15:53	-----	0.0	0.0
352	12/12/2014 15:54	-----	0.0	0.0
353	12/12/2014 15:55	-----	0.0	0.0
354	12/12/2014 15:56	-----	0.0	0.0
355	12/12/2014 15:57	-----	0.0	0.0
356	12/12/2014 15:58	-----	0.0	0.0
357	12/12/2014 15:59	-----	0.0	0.0
358	12/12/2014 16:00	-----	0.0	0.0
359	12/12/2014 16:01	-----	0.0	0.0
360	12/12/2014 16:02	-----	0.0	0.0
361	12/12/2014 16:03	-----	0.0	0.0
362	12/12/2014 16:04	-----	0.0	0.0
363	12/12/2014 16:05	-----	0.0	0.0
364	12/12/2014 16:06	-----	0.0	0.0
365	12/12/2014 16:07	-----	0.0	0.0
366	12/12/2014 16:08	-----	0.0	0.0
367	12/12/2014 16:09	-----	0.0	0.0
368	12/12/2014 16:10	-----	0.0	0.0
369	12/12/2014 16:11	-----	0.0	0.0

COMMUNITY AIR MONITORING DAILY LOG

Date: 12/15/14 Mon
Project: 3021 Orchard Park Rd
Job No.: 0304-014-004
Client: 3021-3041 Orchard Park Rd LLC

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map):

WEATHER CONDITIONS:

Time of Day:	1000 A.M.	1625 P.M.
Ambient Air Temp.:	37°F	34°F
Wind Direction:	West	SE
Wind Speed:	0-5	5-10
Precipitation:	NONE	NONE

DESCRIPTION OF SITE ACTIVITIES: RI Drilling, Interior Borings were Performed In the Afternoon No Monitoring Required

PARTICULATE MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 100 ug/m3 [1]			NONE		
Exceedence of 150 ug/m3 [1]			NONE		
Visual Observation of Fugitive Dust			NA		
			NA		
			NA		

VOC MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 5 ppm [1]			NONE		Temporarily halt Work and continue monitoring
Reading of 5 to 25 ppm [1]			NONE		Temporarily halt Work, abate emissions with corrective actions and continue monitoring [3]
Exceedence of 25 ppm [2]			NONE		Shut Down Work Immediately and notify Site Safety & Health Officer

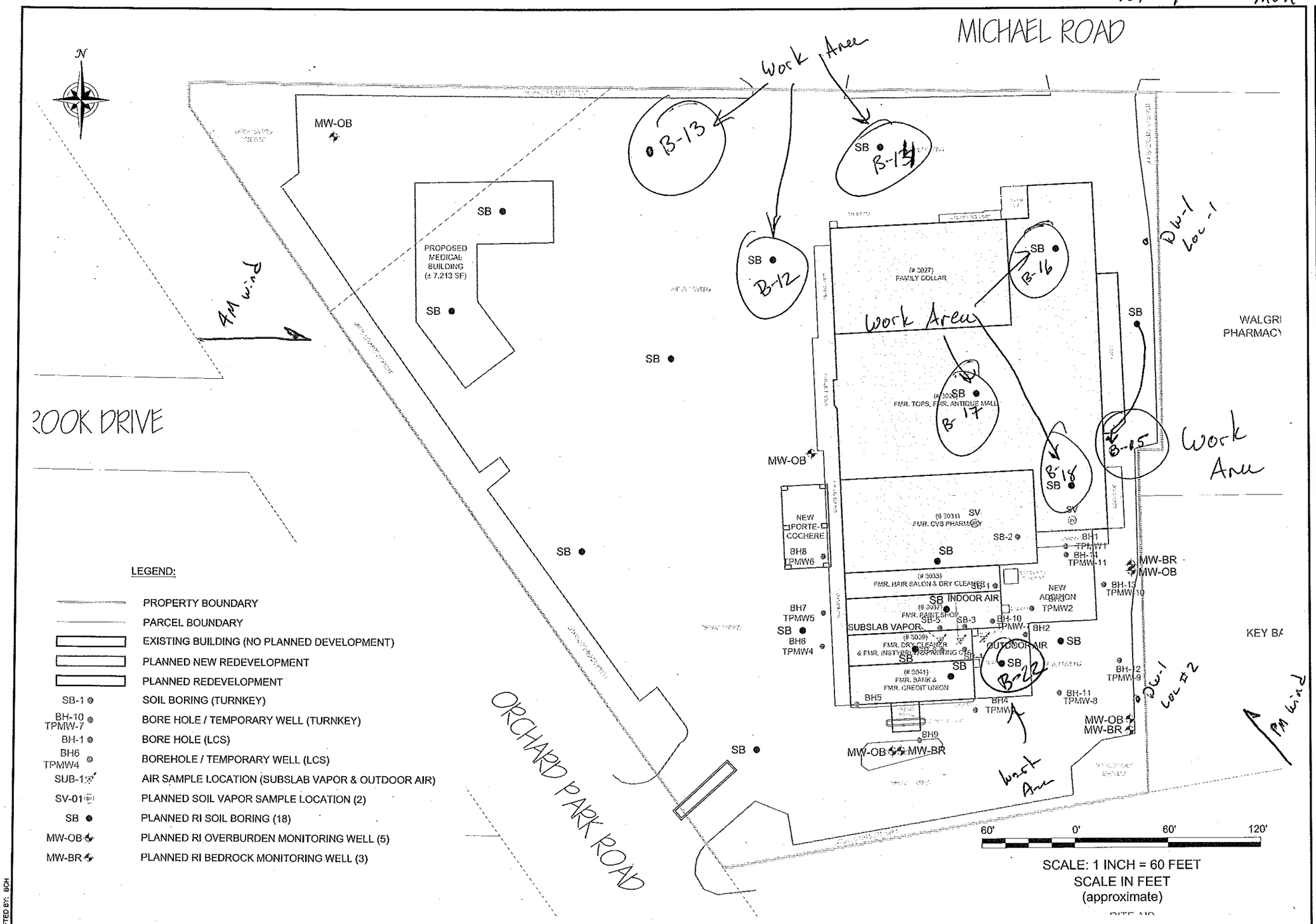
1. Above background for 15 minute moving average.
2. Above background at Site perimeter (indicate location on attached sketch)
3. Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whicever is less) is below 5 ppm for 15 min.

NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: TAB Date: TAB
Checked By: Date:

P:\CAD\Turnkey\3021-3041 Orchard Park Road\04 - RI-IRM-AA Work Plan\Figure 6; Proposed RI Sample Locations.dwg

12/15/14 mon



LEGEND:

- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- EXISTING BUILDING (NO PLANNED DEVELOPMENT)
- PLANNED NEW REDEVELOPMENT
- PLANNED REDEVELOPMENT
- SB-1 — SOIL BORING (TURNKEY)
- BH-10 TPMW-7 — BORE HOLE / TEMPORARY WELL (TURNKEY)
- BH-1 — BORE HOLE (LCS)
- BH6 TPMW4 — BOREHOLE / TEMPORARY WELL (LCS)
- SUB-1 — AIR SAMPLE LOCATION (SUBSLAB VAPOR & OUTDOOR AIR)
- SV-01 — PLANNED SOIL VAPOR SAMPLE LOCATION (2)
- SB — PLANNED RI SOIL BORING (18)
- MW-OB — PLANNED RI OVERBURDEN MONITORING WELL (5)
- MW-BR — PLANNED RI BEDROCK MONITORING WELL (3)

DATE: JULY 2014
DRAFTED BY: BCH

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
TURNKEY ENVIRONMENTAL RESTORATION, LLC
2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599

JOB NO.: 0304-014-002

PROPOSED RI SAMPLE LOCATIONS

RI/IRM/AA WORK PLAN

3021 ORCHARD PARK ROAD SITE
ORCHARD PARK, NEW YORK

PREPARED FOR
3021-3041 ORCHARD PARK ROAD LLC

FIGURE 6

DISCLAIMER: PROPERTY OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC. & TURNKEY ENVIRONMENTAL RESTORATION, LLC IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. INFORMATION CONTAINED HEREON IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN NECESSARY SUBCONTRACTORS & SUPPLIERS WITHOUT THE WRITTEN CONSENT OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC & TURNKEY ENVIRONMENTAL RESTORATION, LLC.

Test 006

Instrument		Data Properties	
Model	SidePak Aerosol Monitor	Start Date	12/15/2014
Meter S/N	11106036	Start Time	10:05:40
		Stop Date	12/15/2014
		Stop Time	16:20:40
		Total Time	0:06:15:00
		Logging Interval	900 seconds

Statistics	
	Aerosol
Avg	0.017 mg/m^3
Max	0.022 mg/m^3
Max Date	12/15/2014
Max Time	12:05:40
Min	0.011 mg/m^3
Min Date	12/15/2014
Min Time	15:35:40
TWA (8 hr)	0.013
TWA Start Date	12/15/2014
TWA Start Time	10:05:40
TWA End Time	16:20:40

Test Data			
Data Point	**Date**	**Time**	**Aerosol mg/m^3**
1	12/15/2014	10:20:40	0.015
2	12/15/2014	10:35:40	0.015
3	12/15/2014	10:50:40	0.016
4	12/15/2014	11:05:40	0.019
5	12/15/2014	11:20:40	0.018
6	12/15/2014	11:35:40	0.019
7	12/15/2014	11:50:40	0.020
8	12/15/2014	12:05:40	0.022
9	12/15/2014	12:20:40	0.022
10	12/15/2014	12:35:40	0.020
11	12/15/2014	12:50:40	0.016
12	12/15/2014	13:05:40	0.015
13	12/15/2014	13:20:40	0.017
14	12/15/2014	13:35:40	0.019
15	12/15/2014	13:50:40	0.022
16	12/15/2014	14:05:40	0.020
17	12/15/2014	14:20:40	0.020
18	12/15/2014	14:35:40	0.019
19	12/15/2014	14:50:40	0.015
20	12/15/2014	15:05:40	0.013
21	12/15/2014	15:20:40	0.012

Test Data			
Data Point	**Date**	**Time**	**Aerosol mg/m^3**
22	12/15/2014	15:35:40	0.011
23	12/15/2014	15:50:40	0.012
24	12/15/2014	16:05:40	0.013
25	12/15/2014	16:20:40	0.014

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 006938
User ID: PID 1 Site ID: PID 1470
Data Points: 34 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 12/08/2014 09:05
Start At: 12/15/2014 09:03 End At: 12/15/2014 09:36

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	100.0	100.0	100.0
Low Alarm Levels:	50.0	50.0	50.0
STEL Alarm Levels:	25.0	25.0	25.0
TWA Alarm Levels:	5.0	5.0	5.0

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
Peak Data Value:	-----	0.0	0.0
Min Data Value:	-----	0.0	0.0
TWA Data Value:	-----	0.0	0.0
AVG Data Value:	-----	0.0	0.0

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 006938
User ID: PID 1 Site ID: PID 1470
Data Points: 34 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 12/08/2014 09:05

Measurement Type:	Min(ppm)			Avg(ppm)			Max(ppm)		
Alarm Type:	STEL	TWA	AVG	STEL	TWA	AVG	STEL	TWA	AVG
Alarm Levels:	25.0	5.0		25.0	5.0		25.0	5.0	

			Min(ppm)			Avg(ppm)			Max(ppm)		
Line#	Date	Time	STEL	TWA	AVG	STEL	TWA	AVG	STEL	TWA	AVG
1	12/15/2014	09:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
2	12/15/2014	09:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
3	12/15/2014	09:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
4	12/15/2014	09:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
5	12/15/2014	09:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
6	12/15/2014	09:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
7	12/15/2014	09:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
8	12/15/2014	09:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
9	12/15/2014	09:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
10	12/15/2014	09:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
11	12/15/2014	09:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
12	12/15/2014	09:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
13	12/15/2014	09:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
14	12/15/2014	09:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
15	12/15/2014	09:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
16	12/15/2014	09:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
17	12/15/2014	09:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
18	12/15/2014	09:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
19	12/15/2014	09:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
20	12/15/2014	09:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
21	12/15/2014	09:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
22	12/15/2014	09:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
23	12/15/2014	09:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
24	12/15/2014	09:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
25	12/15/2014	09:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
26	12/15/2014	09:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
27	12/15/2014	09:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
28	12/15/2014	09:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
29	12/15/2014	09:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
30	12/15/2014	09:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
31	12/15/2014	09:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
32	12/15/2014	09:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
33	12/15/2014	09:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
34	12/15/2014	09:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 006938
User ID: PID 1 Site ID: PID 1470
Data Points: 34 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 12/08/2014 09:05

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	100.0	100.0	100.0
Low Alarm Levels:	50.0	50.0	50.0

Line#	Date Time	Min(ppm)	Avg(ppm)	Max(ppm)
1	12/15/2014 09:03	-----	0.0	0.0
2	12/15/2014 09:04	-----	0.0	0.0
3	12/15/2014 09:05	-----	0.0	0.0
4	12/15/2014 09:06	-----	0.0	0.0
5	12/15/2014 09:07	-----	0.0	0.0
6	12/15/2014 09:08	-----	0.0	0.0
7	12/15/2014 09:09	-----	0.0	0.0
8	12/15/2014 09:10	-----	0.0	0.0
9	12/15/2014 09:11	-----	0.0	0.0
10	12/15/2014 09:12	-----	0.0	0.0
11	12/15/2014 09:13	-----	0.0	0.0
12	12/15/2014 09:14	-----	0.0	0.0
13	12/15/2014 09:15	-----	0.0	0.0
14	12/15/2014 09:16	-----	0.0	0.0
15	12/15/2014 09:17	-----	0.0	0.0
16	12/15/2014 09:18	-----	0.0	0.0
17	12/15/2014 09:19	-----	0.0	0.0
18	12/15/2014 09:20	-----	0.0	0.0
19	12/15/2014 09:21	-----	0.0	0.0
20	12/15/2014 09:22	-----	0.0	0.0
21	12/15/2014 09:23	-----	0.0	0.0
22	12/15/2014 09:24	-----	0.0	0.0
23	12/15/2014 09:25	-----	0.0	0.0
24	12/15/2014 09:26	-----	0.0	0.0
25	12/15/2014 09:27	-----	0.0	0.0
26	12/15/2014 09:28	-----	0.0	0.0
27	12/15/2014 09:29	-----	0.0	0.0
28	12/15/2014 09:30	-----	0.0	0.0
29	12/15/2014 09:31	-----	0.0	0.0
30	12/15/2014 09:32	-----	0.0	0.0
31	12/15/2014 09:33	-----	0.0	0.0
32	12/15/2014 09:34	-----	0.0	0.0
33	12/15/2014 09:35	-----	0.0	0.0
34	12/15/2014 09:36	-----	0.0	0.0

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 006938
User ID: PID 1 Site ID: PID 1470
Data Points: 309 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 12/08/2014 09:05
Start At: 12/15/2014 10:10 End At: 12/15/2014 15:18

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	100.0	100.0	100.0
Low Alarm Levels:	50.0	50.0	50.0
STEL Alarm Levels:	25.0	25.0	25.0
TWA Alarm Levels:	5.0	5.0	5.0

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
Peak Data Value:	-----	0.0	0.0
Min Data Value:	-----	0.0	0.0
TWA Data Value:	-----	0.0	0.0
AVG Data Value:	-----	0.0	0.0

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 006938
User ID: PID 1 Site ID: PID 1470
Data Points: 309 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 12/08/2014 09:05

Measurement Type:	Min(ppm)			Avg(ppm)			Max(ppm)		
Alarm Type:	STEL	TWA	AVG	STEL	TWA	AVG	STEL	TWA	AVG
Alarm Levels:	25.0	5.0		25.0	5.0		25.0	5.0	

			Min(ppm)			Avg(ppm)			Max(ppm)		
Line#	Date	Time	STEL	TWA	AVG	STEL	TWA	AVG	STEL	TWA	AVG
1	12/15/2014	10:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
2	12/15/2014	10:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
3	12/15/2014	10:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
4	12/15/2014	10:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
5	12/15/2014	10:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
6	12/15/2014	10:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
7	12/15/2014	10:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
8	12/15/2014	10:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
9	12/15/2014	10:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
10	12/15/2014	10:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
11	12/15/2014	10:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
12	12/15/2014	10:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
13	12/15/2014	10:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
14	12/15/2014	10:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
15	12/15/2014	10:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
16	12/15/2014	10:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
17	12/15/2014	10:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
18	12/15/2014	10:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
19	12/15/2014	10:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
20	12/15/2014	10:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
21	12/15/2014	10:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
22	12/15/2014	10:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
23	12/15/2014	10:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
24	12/15/2014	10:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
25	12/15/2014	10:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
26	12/15/2014	10:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
27	12/15/2014	10:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
28	12/15/2014	10:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
29	12/15/2014	10:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
30	12/15/2014	10:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
31	12/15/2014	10:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
32	12/15/2014	10:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
33	12/15/2014	10:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
34	12/15/2014	10:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
35	12/15/2014	10:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
36	12/15/2014	10:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
37	12/15/2014	10:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
38	12/15/2014	10:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
39	12/15/2014	10:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
40	12/15/2014	10:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
41	12/15/2014	10:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
42	12/15/2014	10:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
43	12/15/2014	10:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
44	12/15/2014	10:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
45	12/15/2014	10:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
46	12/15/2014	10:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
47	12/15/2014	10:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
48	12/15/2014	10:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
49	12/15/2014	10:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
50	12/15/2014	10:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
51	12/15/2014	11:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
52	12/15/2014	11:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
53	12/15/2014	11:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
54	12/15/2014	11:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
55	12/15/2014	11:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

56	12/15/2014 11:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
57	12/15/2014 11:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
58	12/15/2014 11:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
59	12/15/2014 11:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
60	12/15/2014 11:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
61	12/15/2014 11:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
62	12/15/2014 11:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
63	12/15/2014 11:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
64	12/15/2014 11:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
65	12/15/2014 11:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
66	12/15/2014 11:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
67	12/15/2014 11:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
68	12/15/2014 11:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
69	12/15/2014 11:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
70	12/15/2014 11:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
71	12/15/2014 11:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
72	12/15/2014 11:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
73	12/15/2014 11:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
74	12/15/2014 11:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
75	12/15/2014 11:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
76	12/15/2014 11:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
77	12/15/2014 11:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
78	12/15/2014 11:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
79	12/15/2014 11:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
80	12/15/2014 11:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
81	12/15/2014 11:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
82	12/15/2014 11:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
83	12/15/2014 11:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
84	12/15/2014 11:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
85	12/15/2014 11:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
86	12/15/2014 11:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
87	12/15/2014 11:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
88	12/15/2014 11:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
89	12/15/2014 11:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
90	12/15/2014 11:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
91	12/15/2014 11:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
92	12/15/2014 11:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
93	12/15/2014 11:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
94	12/15/2014 11:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
95	12/15/2014 11:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
96	12/15/2014 11:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
97	12/15/2014 11:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
98	12/15/2014 11:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
99	12/15/2014 11:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
100	12/15/2014 11:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
101	12/15/2014 11:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
102	12/15/2014 11:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
103	12/15/2014 11:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
104	12/15/2014 11:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
105	12/15/2014 11:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
106	12/15/2014 11:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
107	12/15/2014 11:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
108	12/15/2014 11:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
109	12/15/2014 11:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
110	12/15/2014 11:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
111	12/15/2014 12:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
112	12/15/2014 12:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
113	12/15/2014 12:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
114	12/15/2014 12:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
115	12/15/2014 12:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
116	12/15/2014 12:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
117	12/15/2014 12:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
118	12/15/2014 12:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
119	12/15/2014 12:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
120	12/15/2014 12:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
121	12/15/2014 12:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
122	12/15/2014 12:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
123	12/15/2014 12:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

124	12/15/2014	12:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
125	12/15/2014	12:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
126	12/15/2014	12:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
127	12/15/2014	12:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
128	12/15/2014	12:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
129	12/15/2014	12:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
130	12/15/2014	12:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
131	12/15/2014	12:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
132	12/15/2014	12:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
133	12/15/2014	12:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
134	12/15/2014	12:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
135	12/15/2014	12:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
136	12/15/2014	12:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
137	12/15/2014	12:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
138	12/15/2014	12:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
139	12/15/2014	12:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
140	12/15/2014	12:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
141	12/15/2014	12:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
142	12/15/2014	12:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
143	12/15/2014	12:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
144	12/15/2014	12:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
145	12/15/2014	12:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
146	12/15/2014	12:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
147	12/15/2014	12:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
148	12/15/2014	12:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
149	12/15/2014	12:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
150	12/15/2014	12:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
151	12/15/2014	12:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
152	12/15/2014	12:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
153	12/15/2014	12:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
154	12/15/2014	12:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
155	12/15/2014	12:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
156	12/15/2014	12:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
157	12/15/2014	12:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
158	12/15/2014	12:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
159	12/15/2014	12:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
160	12/15/2014	12:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
161	12/15/2014	12:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
162	12/15/2014	12:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
163	12/15/2014	12:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
164	12/15/2014	12:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
165	12/15/2014	12:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
166	12/15/2014	12:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
167	12/15/2014	12:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
168	12/15/2014	12:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
169	12/15/2014	12:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
170	12/15/2014	12:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
171	12/15/2014	13:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
172	12/15/2014	13:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
173	12/15/2014	13:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
174	12/15/2014	13:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
175	12/15/2014	13:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
176	12/15/2014	13:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
177	12/15/2014	13:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
178	12/15/2014	13:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
179	12/15/2014	13:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
180	12/15/2014	13:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
181	12/15/2014	13:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
182	12/15/2014	13:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
183	12/15/2014	13:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
184	12/15/2014	13:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
185	12/15/2014	13:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
186	12/15/2014	13:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
187	12/15/2014	13:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
188	12/15/2014	13:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
189	12/15/2014	13:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
190	12/15/2014	13:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
191	12/15/2014	13:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

192	12/15/2014 13:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
193	12/15/2014 13:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
194	12/15/2014 13:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
195	12/15/2014 13:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
196	12/15/2014 13:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
197	12/15/2014 13:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
198	12/15/2014 13:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
199	12/15/2014 13:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
200	12/15/2014 13:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
201	12/15/2014 13:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
202	12/15/2014 13:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
203	12/15/2014 13:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
204	12/15/2014 13:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
205	12/15/2014 13:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
206	12/15/2014 13:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
207	12/15/2014 13:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
208	12/15/2014 13:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
209	12/15/2014 13:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
210	12/15/2014 13:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
211	12/15/2014 13:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
212	12/15/2014 13:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
213	12/15/2014 13:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
214	12/15/2014 13:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
215	12/15/2014 13:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
216	12/15/2014 13:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
217	12/15/2014 13:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
218	12/15/2014 13:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
219	12/15/2014 13:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
220	12/15/2014 13:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
221	12/15/2014 13:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
222	12/15/2014 13:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
223	12/15/2014 13:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
224	12/15/2014 13:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
225	12/15/2014 13:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
226	12/15/2014 13:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
227	12/15/2014 13:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
228	12/15/2014 13:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
229	12/15/2014 13:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
230	12/15/2014 13:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
231	12/15/2014 14:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
232	12/15/2014 14:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
233	12/15/2014 14:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
234	12/15/2014 14:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
235	12/15/2014 14:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
236	12/15/2014 14:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
237	12/15/2014 14:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
238	12/15/2014 14:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
239	12/15/2014 14:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
240	12/15/2014 14:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
241	12/15/2014 14:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
242	12/15/2014 14:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
243	12/15/2014 14:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
244	12/15/2014 14:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
245	12/15/2014 14:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
246	12/15/2014 14:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
247	12/15/2014 14:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
248	12/15/2014 14:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
249	12/15/2014 14:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
250	12/15/2014 14:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
251	12/15/2014 14:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
252	12/15/2014 14:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
253	12/15/2014 14:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
254	12/15/2014 14:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
255	12/15/2014 14:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
256	12/15/2014 14:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
257	12/15/2014 14:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
258	12/15/2014 14:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
259	12/15/2014 14:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

260	12/15/2014 14:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
261	12/15/2014 14:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
262	12/15/2014 14:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
263	12/15/2014 14:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
264	12/15/2014 14:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
265	12/15/2014 14:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
266	12/15/2014 14:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
267	12/15/2014 14:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
268	12/15/2014 14:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
269	12/15/2014 14:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
270	12/15/2014 14:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
271	12/15/2014 14:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
272	12/15/2014 14:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
273	12/15/2014 14:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
274	12/15/2014 14:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
275	12/15/2014 14:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
276	12/15/2014 14:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
277	12/15/2014 14:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
278	12/15/2014 14:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
279	12/15/2014 14:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
280	12/15/2014 14:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
281	12/15/2014 14:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
282	12/15/2014 14:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
283	12/15/2014 14:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
284	12/15/2014 14:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
285	12/15/2014 14:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
286	12/15/2014 14:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
287	12/15/2014 14:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
288	12/15/2014 14:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
289	12/15/2014 14:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
290	12/15/2014 14:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
291	12/15/2014 15:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
292	12/15/2014 15:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
293	12/15/2014 15:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
294	12/15/2014 15:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
295	12/15/2014 15:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
296	12/15/2014 15:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
297	12/15/2014 15:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
298	12/15/2014 15:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
299	12/15/2014 15:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
300	12/15/2014 15:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
301	12/15/2014 15:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
302	12/15/2014 15:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
303	12/15/2014 15:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
304	12/15/2014 15:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
305	12/15/2014 15:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
306	12/15/2014 15:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
307	12/15/2014 15:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
308	12/15/2014 15:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
309	12/15/2014 15:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 006938
User ID: PID 1 Site ID: PID 1470
Data Points: 309 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 12/08/2014 09:05

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	100.0	100.0	100.0
Low Alarm Levels:	50.0	50.0	50.0

Line#	Date	Time	Min(ppm)	Avg(ppm)	Max(ppm)
1	12/15/2014	10:10	-----	0.0	0.0
2	12/15/2014	10:11	-----	0.0	0.0
3	12/15/2014	10:12	-----	0.0	0.0
4	12/15/2014	10:13	-----	0.0	0.0
5	12/15/2014	10:14	-----	0.0	0.0
6	12/15/2014	10:15	-----	0.0	0.0
7	12/15/2014	10:16	-----	0.0	0.0
8	12/15/2014	10:17	-----	0.0	0.0
9	12/15/2014	10:18	-----	0.0	0.0
10	12/15/2014	10:19	-----	0.0	0.0
11	12/15/2014	10:20	-----	0.0	0.0
12	12/15/2014	10:21	-----	0.0	0.0
13	12/15/2014	10:22	-----	0.0	0.0
14	12/15/2014	10:23	-----	0.0	0.0
15	12/15/2014	10:24	-----	0.0	0.0
16	12/15/2014	10:25	-----	0.0	0.0
17	12/15/2014	10:26	-----	0.0	0.0
18	12/15/2014	10:27	-----	0.0	0.0
19	12/15/2014	10:28	-----	0.0	0.0
20	12/15/2014	10:29	-----	0.0	0.0
21	12/15/2014	10:30	-----	0.0	0.0
22	12/15/2014	10:31	-----	0.0	0.0
23	12/15/2014	10:32	-----	0.0	0.0
24	12/15/2014	10:33	-----	0.0	0.0
25	12/15/2014	10:34	-----	0.0	0.0
26	12/15/2014	10:35	-----	0.0	0.0
27	12/15/2014	10:36	-----	0.0	0.0
28	12/15/2014	10:37	-----	0.0	0.0
29	12/15/2014	10:38	-----	0.0	0.0
30	12/15/2014	10:39	-----	0.0	0.0
31	12/15/2014	10:40	-----	0.0	0.0
32	12/15/2014	10:41	-----	0.0	0.0
33	12/15/2014	10:42	-----	0.0	0.0
34	12/15/2014	10:43	-----	0.0	0.0
35	12/15/2014	10:44	-----	0.0	0.0
36	12/15/2014	10:45	-----	0.0	0.0
37	12/15/2014	10:46	-----	0.0	0.0
38	12/15/2014	10:47	-----	0.0	0.0
39	12/15/2014	10:48	-----	0.0	0.0
40	12/15/2014	10:49	-----	0.0	0.0
41	12/15/2014	10:50	-----	0.0	0.0
42	12/15/2014	10:51	-----	0.0	0.0
43	12/15/2014	10:52	-----	0.0	0.0
44	12/15/2014	10:53	-----	0.0	0.0
45	12/15/2014	10:54	-----	0.0	0.0
46	12/15/2014	10:55	-----	0.0	0.0
47	12/15/2014	10:56	-----	0.0	0.0
48	12/15/2014	10:57	-----	0.0	0.0
49	12/15/2014	10:58	-----	0.0	0.0
50	12/15/2014	10:59	-----	0.0	0.0
51	12/15/2014	11:00	-----	0.0	0.0
52	12/15/2014	11:01	-----	0.0	0.0
53	12/15/2014	11:02	-----	0.0	0.0
54	12/15/2014	11:03	-----	0.0	0.0
55	12/15/2014	11:04	-----	0.0	0.0
56	12/15/2014	11:05	-----	0.0	0.0
57	12/15/2014	11:06	-----	0.0	0.0

58	12/15/2014 11:07	-----	0.0	0.0
59	12/15/2014 11:08	-----	0.0	0.0
60	12/15/2014 11:09	-----	0.0	0.0
61	12/15/2014 11:10	-----	0.0	0.0
62	12/15/2014 11:11	-----	0.0	0.0
63	12/15/2014 11:12	-----	0.0	0.0
64	12/15/2014 11:13	-----	0.0	0.0
65	12/15/2014 11:14	-----	0.0	0.0
66	12/15/2014 11:15	-----	0.0	0.0
67	12/15/2014 11:16	-----	0.0	0.0
68	12/15/2014 11:17	-----	0.0	0.0
69	12/15/2014 11:18	-----	0.0	0.0
70	12/15/2014 11:19	-----	0.0	0.0
71	12/15/2014 11:20	-----	0.0	0.0
72	12/15/2014 11:21	-----	0.0	0.0
73	12/15/2014 11:22	-----	0.0	0.0
74	12/15/2014 11:23	-----	0.0	0.0
75	12/15/2014 11:24	-----	0.0	0.0
76	12/15/2014 11:25	-----	0.0	0.0
77	12/15/2014 11:26	-----	0.0	0.0
78	12/15/2014 11:27	-----	0.0	0.0
79	12/15/2014 11:28	-----	0.0	0.0
80	12/15/2014 11:29	-----	0.0	0.0
81	12/15/2014 11:30	-----	0.0	0.0
82	12/15/2014 11:31	-----	0.0	0.0
83	12/15/2014 11:32	-----	0.0	0.0
84	12/15/2014 11:33	-----	0.0	0.0
85	12/15/2014 11:34	-----	0.0	0.0
86	12/15/2014 11:35	-----	0.0	0.0
87	12/15/2014 11:36	-----	0.0	0.0
88	12/15/2014 11:37	-----	0.0	0.0
89	12/15/2014 11:38	-----	0.0	0.0
90	12/15/2014 11:39	-----	0.0	0.0
91	12/15/2014 11:40	-----	0.0	0.0
92	12/15/2014 11:41	-----	0.0	0.0
93	12/15/2014 11:42	-----	0.0	0.0
94	12/15/2014 11:43	-----	0.0	0.0
95	12/15/2014 11:44	-----	0.0	0.0
96	12/15/2014 11:45	-----	0.0	0.0
97	12/15/2014 11:46	-----	0.0	0.0
98	12/15/2014 11:47	-----	0.0	0.0
99	12/15/2014 11:48	-----	0.0	0.0
100	12/15/2014 11:49	-----	0.0	0.0
101	12/15/2014 11:50	-----	0.0	0.0
102	12/15/2014 11:51	-----	0.0	0.0
103	12/15/2014 11:52	-----	0.0	0.0
104	12/15/2014 11:53	-----	0.0	0.0
105	12/15/2014 11:54	-----	0.0	0.0
106	12/15/2014 11:55	-----	0.0	0.0
107	12/15/2014 11:56	-----	0.0	0.0
108	12/15/2014 11:57	-----	0.0	0.0
109	12/15/2014 11:58	-----	0.0	0.0
110	12/15/2014 11:59	-----	0.0	0.0
111	12/15/2014 12:00	-----	0.0	0.0
112	12/15/2014 12:01	-----	0.0	0.0
113	12/15/2014 12:02	-----	0.0	0.0
114	12/15/2014 12:03	-----	0.0	0.0
115	12/15/2014 12:04	-----	0.0	0.0
116	12/15/2014 12:05	-----	0.0	0.0
117	12/15/2014 12:06	-----	0.0	0.0
118	12/15/2014 12:07	-----	0.0	0.0
119	12/15/2014 12:08	-----	0.0	0.0
120	12/15/2014 12:09	-----	0.0	0.0
121	12/15/2014 12:10	-----	0.0	0.0
122	12/15/2014 12:11	-----	0.0	0.0
123	12/15/2014 12:12	-----	0.0	0.0
124	12/15/2014 12:13	-----	0.0	0.0
125	12/15/2014 12:14	-----	0.0	0.0

126	12/15/2014 12:15	-----	0.0	0.0
127	12/15/2014 12:16	-----	0.0	0.0
128	12/15/2014 12:17	-----	0.0	0.0
129	12/15/2014 12:18	-----	0.0	0.0
130	12/15/2014 12:19	-----	0.0	0.0
131	12/15/2014 12:20	-----	0.0	0.0
132	12/15/2014 12:21	-----	0.0	0.0
133	12/15/2014 12:22	-----	0.0	0.0
134	12/15/2014 12:23	-----	0.0	0.0
135	12/15/2014 12:24	-----	0.0	0.0
136	12/15/2014 12:25	-----	0.0	0.0
137	12/15/2014 12:26	-----	0.0	0.0
138	12/15/2014 12:27	-----	0.0	0.0
139	12/15/2014 12:28	-----	0.0	0.0
140	12/15/2014 12:29	-----	0.0	0.0
141	12/15/2014 12:30	-----	0.0	0.0
142	12/15/2014 12:31	-----	0.0	0.0
143	12/15/2014 12:32	-----	0.0	0.0
144	12/15/2014 12:33	-----	0.0	0.0
145	12/15/2014 12:34	-----	0.0	0.0
146	12/15/2014 12:35	-----	0.0	0.0
147	12/15/2014 12:36	-----	0.0	0.0
148	12/15/2014 12:37	-----	0.0	0.0
149	12/15/2014 12:38	-----	0.0	0.0
150	12/15/2014 12:39	-----	0.0	0.0
151	12/15/2014 12:40	-----	0.0	0.0
152	12/15/2014 12:41	-----	0.0	0.0
153	12/15/2014 12:42	-----	0.0	0.0
154	12/15/2014 12:43	-----	0.0	0.0
155	12/15/2014 12:44	-----	0.0	0.0
156	12/15/2014 12:45	-----	0.0	0.0
157	12/15/2014 12:46	-----	0.0	0.0
158	12/15/2014 12:47	-----	0.0	0.0
159	12/15/2014 12:48	-----	0.0	0.0
160	12/15/2014 12:49	-----	0.0	0.0
161	12/15/2014 12:50	-----	0.0	0.0
162	12/15/2014 12:51	-----	0.0	0.0
163	12/15/2014 12:52	-----	0.0	0.0
164	12/15/2014 12:53	-----	0.0	0.0
165	12/15/2014 12:54	-----	0.0	0.0
166	12/15/2014 12:55	-----	0.0	0.0
167	12/15/2014 12:56	-----	0.0	0.0
168	12/15/2014 12:57	-----	0.0	0.0
169	12/15/2014 12:58	-----	0.0	0.0
170	12/15/2014 12:59	-----	0.0	0.0
171	12/15/2014 13:00	-----	0.0	0.0
172	12/15/2014 13:01	-----	0.0	0.0
173	12/15/2014 13:02	-----	0.0	0.0
174	12/15/2014 13:03	-----	0.0	0.0
175	12/15/2014 13:04	-----	0.0	0.0
176	12/15/2014 13:05	-----	0.0	0.0
177	12/15/2014 13:06	-----	0.0	0.0
178	12/15/2014 13:07	-----	0.0	0.0
179	12/15/2014 13:08	-----	0.0	0.0
180	12/15/2014 13:09	-----	0.0	0.0
181	12/15/2014 13:10	-----	0.0	0.0
182	12/15/2014 13:11	-----	0.0	0.0
183	12/15/2014 13:12	-----	0.0	0.0
184	12/15/2014 13:13	-----	0.0	0.0
185	12/15/2014 13:14	-----	0.0	0.0
186	12/15/2014 13:15	-----	0.0	0.0
187	12/15/2014 13:16	-----	0.0	0.0
188	12/15/2014 13:17	-----	0.0	0.0
189	12/15/2014 13:18	-----	0.0	0.0
190	12/15/2014 13:19	-----	0.0	0.0
191	12/15/2014 13:20	-----	0.0	0.0
192	12/15/2014 13:21	-----	0.0	0.0
193	12/15/2014 13:22	-----	0.0	0.0

194	12/15/2014 13:23	-----	0.0	0.0
195	12/15/2014 13:24	-----	0.0	0.0
196	12/15/2014 13:25	-----	0.0	0.0
197	12/15/2014 13:26	-----	0.0	0.0
198	12/15/2014 13:27	-----	0.0	0.0
199	12/15/2014 13:28	-----	0.0	0.0
200	12/15/2014 13:29	-----	0.0	0.0
201	12/15/2014 13:30	-----	0.0	0.0
202	12/15/2014 13:31	-----	0.0	0.0
203	12/15/2014 13:32	-----	0.0	0.0
204	12/15/2014 13:33	-----	0.0	0.0
205	12/15/2014 13:34	-----	0.0	0.0
206	12/15/2014 13:35	-----	0.0	0.0
207	12/15/2014 13:36	-----	0.0	0.0
208	12/15/2014 13:37	-----	0.0	0.0
209	12/15/2014 13:38	-----	0.0	0.0
210	12/15/2014 13:39	-----	0.0	0.0
211	12/15/2014 13:40	-----	0.0	0.0
212	12/15/2014 13:41	-----	0.0	0.0
213	12/15/2014 13:42	-----	0.0	0.0
214	12/15/2014 13:43	-----	0.0	0.0
215	12/15/2014 13:44	-----	0.0	0.0
216	12/15/2014 13:45	-----	0.0	0.0
217	12/15/2014 13:46	-----	0.0	0.0
218	12/15/2014 13:47	-----	0.0	0.0
219	12/15/2014 13:48	-----	0.0	0.0
220	12/15/2014 13:49	-----	0.0	0.0
221	12/15/2014 13:50	-----	0.0	0.0
222	12/15/2014 13:51	-----	0.0	0.0
223	12/15/2014 13:52	-----	0.0	0.0
224	12/15/2014 13:53	-----	0.0	0.0
225	12/15/2014 13:54	-----	0.0	0.0
226	12/15/2014 13:55	-----	0.0	0.0
227	12/15/2014 13:56	-----	0.0	0.0
228	12/15/2014 13:57	-----	0.0	0.0
229	12/15/2014 13:58	-----	0.0	0.0
230	12/15/2014 13:59	-----	0.0	0.0
231	12/15/2014 14:00	-----	0.0	0.0
232	12/15/2014 14:01	-----	0.0	0.0
233	12/15/2014 14:02	-----	0.0	0.0
234	12/15/2014 14:03	-----	0.0	0.0
235	12/15/2014 14:04	-----	0.0	0.0
236	12/15/2014 14:05	-----	0.0	0.0
237	12/15/2014 14:06	-----	0.0	0.0
238	12/15/2014 14:07	-----	0.0	0.0
239	12/15/2014 14:08	-----	0.0	0.0
240	12/15/2014 14:09	-----	0.0	0.0
241	12/15/2014 14:10	-----	0.0	0.0
242	12/15/2014 14:11	-----	0.0	0.0
243	12/15/2014 14:12	-----	0.0	0.0
244	12/15/2014 14:13	-----	0.0	0.0
245	12/15/2014 14:14	-----	0.0	0.0
246	12/15/2014 14:15	-----	0.0	0.0
247	12/15/2014 14:16	-----	0.0	0.0
248	12/15/2014 14:17	-----	0.0	0.0
249	12/15/2014 14:18	-----	0.0	0.0
250	12/15/2014 14:19	-----	0.0	0.0
251	12/15/2014 14:20	-----	0.0	0.0
252	12/15/2014 14:21	-----	0.0	0.0
253	12/15/2014 14:22	-----	0.0	0.0
254	12/15/2014 14:23	-----	0.0	0.0
255	12/15/2014 14:24	-----	0.0	0.0
256	12/15/2014 14:25	-----	0.0	0.0
257	12/15/2014 14:26	-----	0.0	0.0
258	12/15/2014 14:27	-----	0.0	0.0
259	12/15/2014 14:28	-----	0.0	0.0
260	12/15/2014 14:29	-----	0.0	0.0
261	12/15/2014 14:30	-----	0.0	0.0

262	12/15/2014 14:31	-----	0.0	0.0
263	12/15/2014 14:32	-----	0.0	0.0
264	12/15/2014 14:33	-----	0.0	0.0
265	12/15/2014 14:34	-----	0.0	0.0
266	12/15/2014 14:35	-----	0.0	0.0
267	12/15/2014 14:36	-----	0.0	0.0
268	12/15/2014 14:37	-----	0.0	0.0
269	12/15/2014 14:38	-----	0.0	0.0
270	12/15/2014 14:39	-----	0.0	0.0
271	12/15/2014 14:40	-----	0.0	0.0
272	12/15/2014 14:41	-----	0.0	0.0
273	12/15/2014 14:42	-----	0.0	0.0
274	12/15/2014 14:43	-----	0.0	0.0
275	12/15/2014 14:44	-----	0.0	0.0
276	12/15/2014 14:45	-----	0.0	0.0
277	12/15/2014 14:46	-----	0.0	0.0
278	12/15/2014 14:47	-----	0.0	0.0
279	12/15/2014 14:48	-----	0.0	0.0
280	12/15/2014 14:49	-----	0.0	0.0
281	12/15/2014 14:50	-----	0.0	0.0
282	12/15/2014 14:51	-----	0.0	0.0
283	12/15/2014 14:52	-----	0.0	0.0
284	12/15/2014 14:53	-----	0.0	0.0
285	12/15/2014 14:54	-----	0.0	0.0
286	12/15/2014 14:55	-----	0.0	0.0
287	12/15/2014 14:56	-----	0.0	0.0
288	12/15/2014 14:57	-----	0.0	0.0
289	12/15/2014 14:58	-----	0.0	0.0
290	12/15/2014 14:59	-----	0.0	0.0
291	12/15/2014 15:00	-----	0.0	0.0
292	12/15/2014 15:01	-----	0.0	0.0
293	12/15/2014 15:02	-----	0.0	0.0
294	12/15/2014 15:03	-----	0.0	0.0
295	12/15/2014 15:04	-----	0.0	0.0
296	12/15/2014 15:05	-----	0.0	0.0
297	12/15/2014 15:06	-----	0.0	0.0
298	12/15/2014 15:07	-----	0.0	0.0
299	12/15/2014 15:08	-----	0.0	0.0
300	12/15/2014 15:09	-----	0.0	0.0
301	12/15/2014 15:10	-----	0.0	0.0
302	12/15/2014 15:11	-----	0.0	0.0
303	12/15/2014 15:12	-----	0.0	0.0
304	12/15/2014 15:13	-----	0.0	0.0
305	12/15/2014 15:14	-----	0.0	0.0
306	12/15/2014 15:15	-----	0.0	0.0
307	12/15/2014 15:16	-----	0.0	0.0
308	12/15/2014 15:17	-----	0.0	0.0
309	12/15/2014 15:18	-----	0.0	0.0

COMMUNITY AIR MONITORING DAILY LOG

Date: 12/16/14 Tues
Project: 3021 Orchard Park Rd
Job No.: 8304-014-004
Client: 3021-3041 Orchard Park Rd, LLC.

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map):

WEATHER CONDITIONS:

Time of Day:	800 A.M.	1330 P.M.
Ambient Air Temp.:	35°F	43°F
Wind Direction:	East	SE
Wind Speed:	0-5mph	0-5
Precipitation:	None	Rain

DESCRIPTION OF SITE ACTIVITIES: Interior Borings B-19 & B-20.

PARTICULATE MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 100 ug/m3 [1]			—		
					No outdoor Interior work
Exceedence of 150 ug/m3 [1]			—		
Visual Observation of Fugitive Dust			NA		
			NA		
			NA		

VOC MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 5 ppm [1]			—		Temporarily halt Work and continue monitoring
Reading of 5 to 25 ppm [1]			—		Temporarily halt Work, abate emissions with corrective actions and continue monitoring [3]
Exceedence of 25 ppm [2]			—		Shut Down Work Immediately and notify Site Safety & Health Officer

1. Above background for 15 minute moving average.
2. Above background at Site perimeter (indicate location on attached sketch)
3. Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whicever is less) is below 5 ppm for 15 min.

NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: TWB Date: 12/16/15
Checked By: Date:

F:\CAD\TurnKey\3021-3041 Orchard Park Road\04 - RI-IRM-AA Work Plans\Figure 6 Proposed RI Sample Locations.dwg

12/16/15 Tues

MICHAEL ROAD

N

MW-OB

SB

PROPOSED MEDICAL BUILDING (± 7,213 SF)

SB

SB

SB

SB

SB

SB

(# 3027) FAMILY DOLLAR

SB

(# 3029) FMR. TOPS, FMR. ANTIQUE MALL

WALGRI PHARMACY

MW-OB

NEW PORTE-COCHERE

BH8 TPMW6

(# 3031) FMR. CVS PHARMACY

SV

SV

SB-2

SB

BH1 TPMW1

BH-14 TPMW-11

MW-BR MW-OB

(# 3035) FMR. HAIR SALON & DRY CLEANER

SB-1

SB INDOOR AIR

NEW ADDITION

BH-13 TPMW10

BH7 TPMW5

(# 3037) FMR. PAINT SHOP

SB-3

SB-2

BH-10 TPMW-7

TPMW2

SUBSLAB VAPOR

BH2

SB

BH6 TPMW4

(# 3039) FMR. DRY CLEANER & FMR. INSTYLE PRINTING CO.

OUTDOOR AIR

SB

SB

SB-4

SB

SB

(# 3041) FMR. BANK & FMR. CREDIT UNION

BH-12 TPMW-9

BH5

BH4 TPMW3

BH-11 TPMW-8

MW-OB MW-BR

BH9

MW-OB MW-BR

SB

KEY BA

ORCHARD PARK ROAD

COOK DRIVE

East

AM

PM

60' 0' 60' 120'

SCALE: 1 INCH = 60 FEET
SCALE IN FEET
(approximate)

LEGEND:

	PROPERTY BOUNDARY
	PARCEL BOUNDARY
	EXISTING BUILDING (NO PLANNED DEVELOPMENT)
	PLANNED NEW REDEVELOPMENT
	PLANNED REDEVELOPMENT
SB-1	SOIL BORING (TURNKEY)
BH-10 TPMW-7	BORE HOLE / TEMPORARY WELL (TURNKEY)
BH-1	BORE HOLE (LCS)
BH6 TPMW4	BOREHOLE / TEMPORARY WELL (LCS)
SUB-1	AIR SAMPLE LOCATION (SUBSLAB VAPOR & OUTDOOR AIR)
SV-01	PLANNED SOIL VAPOR SAMPLE LOCATION (2)
SB	PLANNED RI SOIL BORING (18)
MW-OB	PLANNED RI OVERBURDEN MONITORING WELL (5)
MW-BR	PLANNED RI BEDROCK MONITORING WELL (3)

DATE: JULY 2014
DRAFTED BY: BCH

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TURNKEY ENVIRONMENTAL RESTORATION, LLC

2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599

JOB NO.: 0304-014-002

PROPOSED RI SAMPLE LOCATIONS

RI/IRM/AA WORK PLAN

3021 ORCHARD PARK ROAD SITE
ORCHARD PARK, NEW YORK

PREPARED FOR
3021-3041 ORCHARD PARK ROAD LLC

FIGURE 6

DISCLAIMER: PROPERTY OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC. & TURNKEY ENVIRONMENTAL RESTORATION, LLC IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. INFORMATION CONTAINED HEREON IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN NECESSARY SUBCONTRACTORS & SUPPLIERS WITHOUT THE WRITTEN CONSENT OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC & TURNKEY ENVIRONMENTAL RESTORATION, LLC.

COMMUNITY AIR MONITORING DAILY LOG

Date: 12/22/14 Mon
Project: 3021 Orchard Park Rd
Job No.: 0304-014-004
Client: 3021 - 3041 Orchard Park Rd

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map):

WEATHER CONDITIONS:

Time of Day:	917 A.M.	1530 P.M.
Ambient Air Temp.:	28°F	38°F
Wind Direction:	East	ESE
Wind Speed:	5-10	5-10
Precipitation:	NONE	NONE

DESCRIPTION OF SITE ACTIVITIES: Monitoring well Install.

PARTICULATE MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 100 ug/m3 [1]			NONE		
Exceedence of 150 ug/m3 [1]			NONE		
Visual Observation of Fugitive Dust			NA		
			NA		
			NA		

VOC MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 5 ppm [1]			NONE		Temporarily halt Work and continue monitoring
Reading of 5 to 25 ppm [1]			NONE		Temporarily halt Work, abate emissions with corrective actions and continue monitoring [3]
Exceedence of 25 ppm [2]			NONE		Shut Down Work Immediately and notify Site Safety & Health Officer

1. Above background for 15 minute moving average.
2. Above background at Site perimeter (indicate location on attached sketch)
3. Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whicever is less) is below 5 ppm for 15 min.

NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

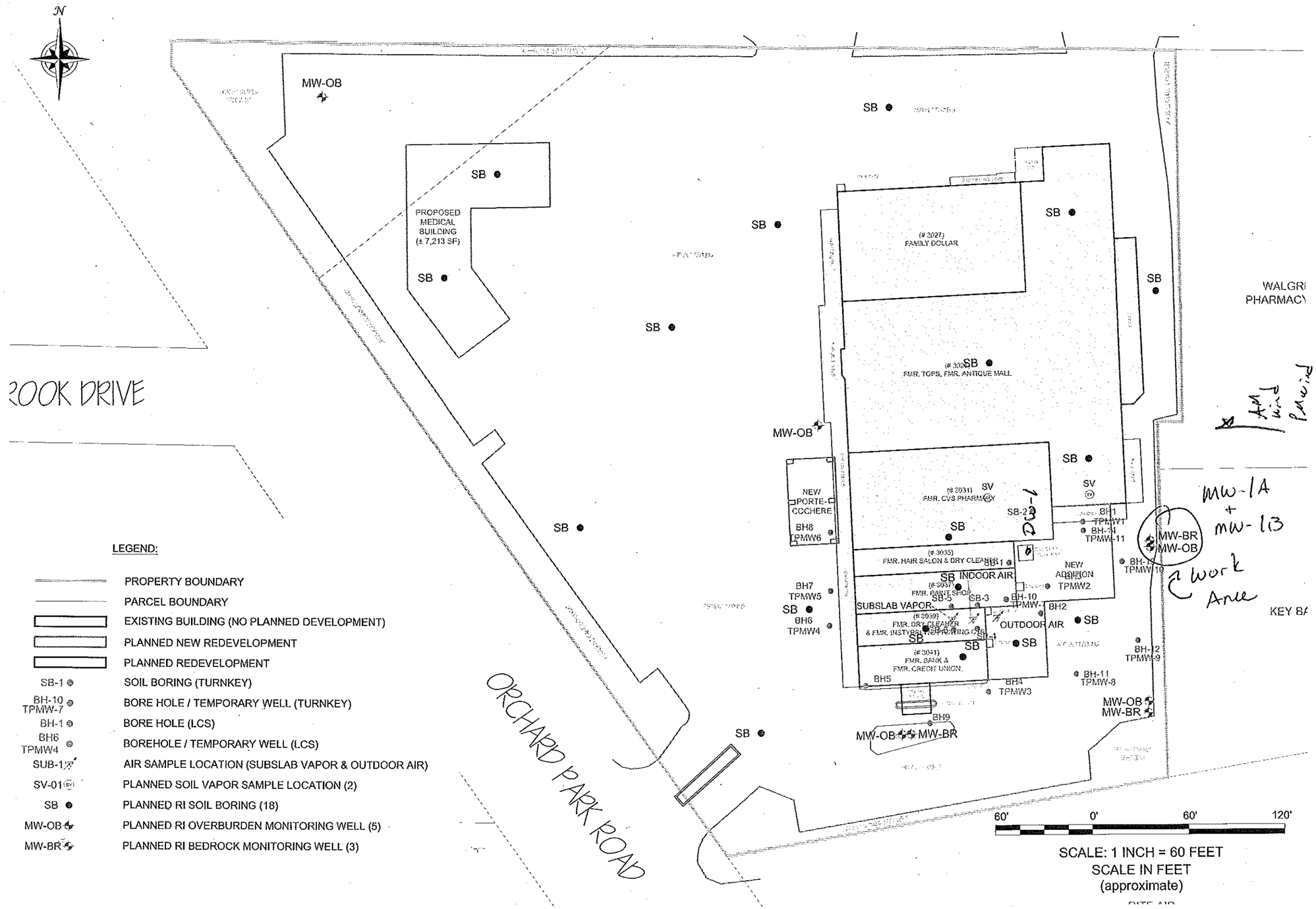
Prepared By: TJB Date: 12/22/14
Checked By: Date:

F:\CAD\TurnKey\3021-3041 Orchard Park Road\04 - RI-IRM-AA Work Plan\Figure 6; Proposed RI Sample Locations.dwg

12/22/15 mon

MICHAEL ROAD

ORCHARD PARK ROAD



LEGEND:

- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- EXISTING BUILDING (NO PLANNED DEVELOPMENT)
- PLANNED NEW REDEVELOPMENT
- PLANNED REDEVELOPMENT
- SB-1 — SOIL BORING (TURNKEY)
- BH-10 TPMW-7 — BORE HOLE / TEMPORARY WELL (TURNKEY)
- BH-1 — BORE HOLE (LCS)
- BH6 TPMW4 — BOREHOLE / TEMPORARY WELL (LCS)
- SUB-1 — AIR SAMPLE LOCATION (SUBSLAB VAPOR & OUTDOOR AIR)
- SV-01 — PLANNED SOIL VAPOR SAMPLE LOCATION (2)
- SB — PLANNED RI SOIL BORING (18)
- MW-OB — PLANNED RI OVERBURDEN MONITORING WELL (5)
- MW-BR — PLANNED RI BEDROCK MONITORING WELL (3)

DATE: JULY 2014
DRAFTED BY: BCH.

PROPOSED RI SAMPLE LOCATIONS

RI/IRM/AA WORK PLAN

3021 ORCHARD PARK ROAD SITE
ORCHARD PARK, NEW YORK

PREPARED FOR

3021-3041 ORCHARD PARK ROAD LLC

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599

TURNKEY ENVIRONMENTAL RESTORATION, LLC

JOB NO.: 0304-014-002

FIGURE 6

DISCLAIMER: PROPERTY OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC. & TURNKEY ENVIRONMENTAL RESTORATION, LLC IMPORTANT: THIS DRAWING PRINT IS LOANED, FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. INFORMATION CONTAINED HEREON IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN NECESSARY SUBCONTRACTORS & SUPPLIERS WITHOUT THE WRITTEN CONSENT OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC & TURNKEY ENVIRONMENTAL RESTORATION, LLC.

Test 007

Instrument		Data Properties	
Model	SidePak Aerosol Monitor	Start Date	12/22/2014
Meter S/N	11106036	Start Time	09:21:09
		Stop Date	12/22/2014
		Stop Time	15:21:09
		Total Time	0:06:00:00
		Logging Interval	900 seconds

Statistics	
	Aerosol
Avg	0.034 mg/m^3
Max	0.044 mg/m^3
Max Date	12/22/2014
Max Time	10:21:09
Min	0.028 mg/m^3
Min Date	12/22/2014
Min Time	13:21:09
TWA (8 hr)	0.025
TWA Start Date	12/22/2014
TWA Start Time	09:21:09
TWA End Time	15:21:09

Test Data			
Data Point	**Date**	**Time**	**Aerosol mg/m^3**
1	12/22/2014	09:36:09	0.041
2	12/22/2014	09:51:09	0.036
3	12/22/2014	10:06:09	0.039
4	12/22/2014	10:21:09	0.044
5	12/22/2014	10:36:09	0.043
6	12/22/2014	10:51:09	0.037
7	12/22/2014	11:06:09	0.035
8	12/22/2014	11:21:09	0.034
9	12/22/2014	11:36:09	0.036
10	12/22/2014	11:51:09	0.035
11	12/22/2014	12:06:09	0.032
12	12/22/2014	12:21:09	0.031
13	12/22/2014	12:36:09	0.031
14	12/22/2014	12:51:09	0.030
15	12/22/2014	13:06:09	0.029
16	12/22/2014	13:21:09	0.028
17	12/22/2014	13:36:09	0.029
18	12/22/2014	13:51:09	0.029
19	12/22/2014	14:06:09	0.029
20	12/22/2014	14:21:09	0.030
21	12/22/2014	14:36:09	0.029

Test Data			
Data Point	**Date**	**Time**	**Aerosol mg/m^3**
22	12/22/2014	14:51:09	0.029
23	12/22/2014	15:06:09	0.033
24	12/22/2014	15:21:09	0.040

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 012776
User ID: 00000001 Site ID: 00000449
Data Points: 372 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 12/19/2014 17:36
Start At: 12/22/2014 09:17 End At: 12/22/2014 15:28

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	100.0	100.0	100.0
Low Alarm Levels:	50.0	50.0	50.0
STEL Alarm Levels:	9025.0	9025.0	9025.0
TWA Alarm Levels:	10.0	10.0	10.0

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
Peak Data Value:	-----	0.3	2.0
Min Data Value:	-----	0.0	0.0
TWA Data Value:	-----	0.0	0.0
AVG Data Value:	-----	0.0	0.0

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 012776
User ID: 00000001 Site ID: 00000449
Data Points: 372 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 12/19/2014 17:36

Measurement Type:	Min(ppm)			Avg(ppm)			Max(ppm)		
Alarm Type:	STEL	TWA	AVG	STEL	TWA	AVG	STEL	TWA	AVG
Alarm Levels:	9025.0	10.0		9025.0	10.0		9025.0	10.0	

			Min(ppm)			Avg(ppm)			Max(ppm)		
Line#	Date	Time	STEL	TWA	AVG	STEL	TWA	AVG	STEL	TWA	AVG
1	12/22/2014	09:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.2
2	12/22/2014	09:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.2
3	12/22/2014	09:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.1
4	12/22/2014	09:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.1
5	12/22/2014	09:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.1
6	12/22/2014	09:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.1
7	12/22/2014	09:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.1
8	12/22/2014	09:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.1
9	12/22/2014	09:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
10	12/22/2014	09:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
11	12/22/2014	09:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
12	12/22/2014	09:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
13	12/22/2014	09:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
14	12/22/2014	09:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
15	12/22/2014	09:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
16	12/22/2014	09:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
17	12/22/2014	09:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
18	12/22/2014	09:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
19	12/22/2014	09:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
20	12/22/2014	09:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
21	12/22/2014	09:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
22	12/22/2014	09:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
23	12/22/2014	09:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
24	12/22/2014	09:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
25	12/22/2014	09:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
26	12/22/2014	09:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
27	12/22/2014	09:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
28	12/22/2014	09:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
29	12/22/2014	09:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
30	12/22/2014	09:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
31	12/22/2014	09:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
32	12/22/2014	09:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
33	12/22/2014	09:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
34	12/22/2014	09:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
35	12/22/2014	09:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
36	12/22/2014	09:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
37	12/22/2014	09:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
38	12/22/2014	09:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
39	12/22/2014	09:55	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
40	12/22/2014	09:56	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
41	12/22/2014	09:57	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
42	12/22/2014	09:58	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
43	12/22/2014	09:59	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
44	12/22/2014	10:00	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
45	12/22/2014	10:01	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
46	12/22/2014	10:02	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
47	12/22/2014	10:03	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
48	12/22/2014	10:04	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
49	12/22/2014	10:05	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
50	12/22/2014	10:06	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
51	12/22/2014	10:07	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
52	12/22/2014	10:08	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
53	12/22/2014	10:09	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
54	12/22/2014	10:10	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
55	12/22/2014	10:11	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0

56	12/22/2014 10:12	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
57	12/22/2014 10:13	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
58	12/22/2014 10:14	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
59	12/22/2014 10:15	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
60	12/22/2014 10:16	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
61	12/22/2014 10:17	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
62	12/22/2014 10:18	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
63	12/22/2014 10:19	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
64	12/22/2014 10:20	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
65	12/22/2014 10:21	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
66	12/22/2014 10:22	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
67	12/22/2014 10:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
68	12/22/2014 10:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
69	12/22/2014 10:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
70	12/22/2014 10:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
71	12/22/2014 10:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
72	12/22/2014 10:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
73	12/22/2014 10:29	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
74	12/22/2014 10:30	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
75	12/22/2014 10:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
76	12/22/2014 10:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
77	12/22/2014 10:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
78	12/22/2014 10:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
79	12/22/2014 10:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
80	12/22/2014 10:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
81	12/22/2014 10:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
82	12/22/2014 10:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
83	12/22/2014 10:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
84	12/22/2014 10:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
85	12/22/2014 10:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
86	12/22/2014 10:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
87	12/22/2014 10:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
88	12/22/2014 10:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
89	12/22/2014 10:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
90	12/22/2014 10:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
91	12/22/2014 10:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
92	12/22/2014 10:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
93	12/22/2014 10:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
94	12/22/2014 10:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
95	12/22/2014 10:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
96	12/22/2014 10:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
97	12/22/2014 10:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
98	12/22/2014 10:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
99	12/22/2014 10:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
100	12/22/2014 10:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
101	12/22/2014 10:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
102	12/22/2014 10:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
103	12/22/2014 10:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
104	12/22/2014 11:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
105	12/22/2014 11:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
106	12/22/2014 11:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
107	12/22/2014 11:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
108	12/22/2014 11:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
109	12/22/2014 11:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
110	12/22/2014 11:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
111	12/22/2014 11:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
112	12/22/2014 11:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
113	12/22/2014 11:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
114	12/22/2014 11:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
115	12/22/2014 11:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
116	12/22/2014 11:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
117	12/22/2014 11:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
118	12/22/2014 11:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
119	12/22/2014 11:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
120	12/22/2014 11:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
121	12/22/2014 11:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
122	12/22/2014 11:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
123	12/22/2014 11:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

124	12/22/2014 11:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
125	12/22/2014 11:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
126	12/22/2014 11:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
127	12/22/2014 11:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
128	12/22/2014 11:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
129	12/22/2014 11:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
130	12/22/2014 11:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
131	12/22/2014 11:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
132	12/22/2014 11:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
133	12/22/2014 11:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
134	12/22/2014 11:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
135	12/22/2014 11:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
136	12/22/2014 11:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
137	12/22/2014 11:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
138	12/22/2014 11:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
139	12/22/2014 11:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
140	12/22/2014 11:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
141	12/22/2014 11:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
142	12/22/2014 11:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
143	12/22/2014 11:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
144	12/22/2014 11:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
145	12/22/2014 11:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
146	12/22/2014 11:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
147	12/22/2014 11:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
148	12/22/2014 11:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
149	12/22/2014 11:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
150	12/22/2014 11:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
151	12/22/2014 11:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
152	12/22/2014 11:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
153	12/22/2014 11:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
154	12/22/2014 11:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
155	12/22/2014 11:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
156	12/22/2014 11:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
157	12/22/2014 11:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
158	12/22/2014 11:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
159	12/22/2014 11:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
160	12/22/2014 11:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
161	12/22/2014 11:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
162	12/22/2014 11:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
163	12/22/2014 11:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
164	12/22/2014 12:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
165	12/22/2014 12:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
166	12/22/2014 12:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
167	12/22/2014 12:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
168	12/22/2014 12:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
169	12/22/2014 12:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
170	12/22/2014 12:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
171	12/22/2014 12:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
172	12/22/2014 12:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
173	12/22/2014 12:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
174	12/22/2014 12:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
175	12/22/2014 12:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
176	12/22/2014 12:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
177	12/22/2014 12:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
178	12/22/2014 12:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
179	12/22/2014 12:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
180	12/22/2014 12:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
181	12/22/2014 12:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
182	12/22/2014 12:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
183	12/22/2014 12:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
184	12/22/2014 12:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
185	12/22/2014 12:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
186	12/22/2014 12:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
187	12/22/2014 12:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
188	12/22/2014 12:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
189	12/22/2014 12:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
190	12/22/2014 12:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
191	12/22/2014 12:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

192	12/22/2014	12:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
193	12/22/2014	12:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
194	12/22/2014	12:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
195	12/22/2014	12:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
196	12/22/2014	12:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
197	12/22/2014	12:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
198	12/22/2014	12:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
199	12/22/2014	12:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
200	12/22/2014	12:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
201	12/22/2014	12:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
202	12/22/2014	12:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
203	12/22/2014	12:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
204	12/22/2014	12:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
205	12/22/2014	12:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
206	12/22/2014	12:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
207	12/22/2014	12:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
208	12/22/2014	12:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
209	12/22/2014	12:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
210	12/22/2014	12:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
211	12/22/2014	12:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
212	12/22/2014	12:48	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
213	12/22/2014	12:49	-----	-----	-----	0.0	0.0	0.0	0.2	0.0	0.0
214	12/22/2014	12:50	-----	-----	-----	0.0	0.0	0.0	0.2	0.0	0.0
215	12/22/2014	12:51	-----	-----	-----	0.0	0.0	0.0	0.2	0.0	0.0
216	12/22/2014	12:52	-----	-----	-----	0.0	0.0	0.0	0.2	0.0	0.0
217	12/22/2014	12:53	-----	-----	-----	0.0	0.0	0.0	0.3	0.0	0.0
218	12/22/2014	12:54	-----	-----	-----	0.0	0.0	0.0	0.3	0.0	0.0
219	12/22/2014	12:55	-----	-----	-----	0.0	0.0	0.0	0.4	0.0	0.0
220	12/22/2014	12:56	-----	-----	-----	0.0	0.0	0.0	0.4	0.0	0.0
221	12/22/2014	12:57	-----	-----	-----	0.0	0.0	0.0	0.4	0.0	0.0
222	12/22/2014	12:58	-----	-----	-----	0.0	0.0	0.0	0.4	0.0	0.0
223	12/22/2014	12:59	-----	-----	-----	0.0	0.0	0.0	0.4	0.0	0.0
224	12/22/2014	13:00	-----	-----	-----	0.0	0.0	0.0	0.4	0.0	0.0
225	12/22/2014	13:01	-----	-----	-----	0.0	0.0	0.0	0.4	0.0	0.0
226	12/22/2014	13:02	-----	-----	-----	0.0	0.0	0.0	0.4	0.0	0.0
227	12/22/2014	13:03	-----	-----	-----	0.0	0.0	0.0	0.3	0.0	0.0
228	12/22/2014	13:04	-----	-----	-----	0.0	0.0	0.0	0.3	0.0	0.0
229	12/22/2014	13:05	-----	-----	-----	0.0	0.0	0.0	0.2	0.0	0.0
230	12/22/2014	13:06	-----	-----	-----	0.0	0.0	0.0	0.2	0.0	0.0
231	12/22/2014	13:07	-----	-----	-----	0.0	0.0	0.0	0.2	0.0	0.0
232	12/22/2014	13:08	-----	-----	-----	0.0	0.0	0.0	0.2	0.0	0.0
233	12/22/2014	13:09	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
234	12/22/2014	13:10	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
235	12/22/2014	13:11	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
236	12/22/2014	13:12	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
237	12/22/2014	13:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
238	12/22/2014	13:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
239	12/22/2014	13:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
240	12/22/2014	13:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
241	12/22/2014	13:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
242	12/22/2014	13:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
243	12/22/2014	13:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
244	12/22/2014	13:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
245	12/22/2014	13:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
246	12/22/2014	13:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
247	12/22/2014	13:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
248	12/22/2014	13:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
249	12/22/2014	13:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
250	12/22/2014	13:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
251	12/22/2014	13:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
252	12/22/2014	13:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
253	12/22/2014	13:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
254	12/22/2014	13:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
255	12/22/2014	13:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
256	12/22/2014	13:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
257	12/22/2014	13:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
258	12/22/2014	13:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
259	12/22/2014	13:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

260	12/22/2014	13:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
261	12/22/2014	13:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
262	12/22/2014	13:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
263	12/22/2014	13:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
264	12/22/2014	13:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
265	12/22/2014	13:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
266	12/22/2014	13:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
267	12/22/2014	13:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
268	12/22/2014	13:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
269	12/22/2014	13:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
270	12/22/2014	13:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
271	12/22/2014	13:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
272	12/22/2014	13:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
273	12/22/2014	13:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
274	12/22/2014	13:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
275	12/22/2014	13:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
276	12/22/2014	13:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
277	12/22/2014	13:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
278	12/22/2014	13:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
279	12/22/2014	13:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
280	12/22/2014	13:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
281	12/22/2014	13:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
282	12/22/2014	13:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
283	12/22/2014	13:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
284	12/22/2014	14:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
285	12/22/2014	14:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
286	12/22/2014	14:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
287	12/22/2014	14:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
288	12/22/2014	14:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
289	12/22/2014	14:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
290	12/22/2014	14:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
291	12/22/2014	14:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
292	12/22/2014	14:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
293	12/22/2014	14:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
294	12/22/2014	14:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
295	12/22/2014	14:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
296	12/22/2014	14:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
297	12/22/2014	14:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
298	12/22/2014	14:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
299	12/22/2014	14:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
300	12/22/2014	14:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
301	12/22/2014	14:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
302	12/22/2014	14:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
303	12/22/2014	14:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
304	12/22/2014	14:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
305	12/22/2014	14:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
306	12/22/2014	14:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
307	12/22/2014	14:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
308	12/22/2014	14:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
309	12/22/2014	14:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
310	12/22/2014	14:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
311	12/22/2014	14:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
312	12/22/2014	14:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
313	12/22/2014	14:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
314	12/22/2014	14:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
315	12/22/2014	14:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
316	12/22/2014	14:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
317	12/22/2014	14:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
318	12/22/2014	14:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
319	12/22/2014	14:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
320	12/22/2014	14:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
321	12/22/2014	14:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
322	12/22/2014	14:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
323	12/22/2014	14:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
324	12/22/2014	14:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
325	12/22/2014	14:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
326	12/22/2014	14:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
327	12/22/2014	14:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

328	12/22/2014	14:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
329	12/22/2014	14:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
330	12/22/2014	14:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
331	12/22/2014	14:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
332	12/22/2014	14:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
333	12/22/2014	14:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
334	12/22/2014	14:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
335	12/22/2014	14:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
336	12/22/2014	14:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
337	12/22/2014	14:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
338	12/22/2014	14:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
339	12/22/2014	14:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
340	12/22/2014	14:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
341	12/22/2014	14:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
342	12/22/2014	14:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
343	12/22/2014	14:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
344	12/22/2014	15:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
345	12/22/2014	15:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
346	12/22/2014	15:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
347	12/22/2014	15:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
348	12/22/2014	15:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
349	12/22/2014	15:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
350	12/22/2014	15:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
351	12/22/2014	15:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
352	12/22/2014	15:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
353	12/22/2014	15:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
354	12/22/2014	15:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
355	12/22/2014	15:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
356	12/22/2014	15:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
357	12/22/2014	15:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
358	12/22/2014	15:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
359	12/22/2014	15:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
360	12/22/2014	15:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
361	12/22/2014	15:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
362	12/22/2014	15:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
363	12/22/2014	15:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
364	12/22/2014	15:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
365	12/22/2014	15:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
366	12/22/2014	15:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
367	12/22/2014	15:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
368	12/22/2014	15:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
369	12/22/2014	15:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
370	12/22/2014	15:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
371	12/22/2014	15:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
372	12/22/2014	15:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 012776
User ID: 00000001 Site ID: 00000449
Data Points: 372 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 12/19/2014 17:36

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	100.0	100.0	100.0
Low Alarm Levels:	50.0	50.0	50.0

Line#	Date	Time	Min(ppm)	Avg(ppm)	Max(ppm)
1	12/22/2014	09:17	-----	0.0	0.2
2	12/22/2014	09:18	-----	0.0	0.2
3	12/22/2014	09:19	-----	0.0	0.0
4	12/22/2014	09:20	-----	0.0	0.0
5	12/22/2014	09:21	-----	0.0	0.0
6	12/22/2014	09:22	-----	0.0	0.0
7	12/22/2014	09:23	-----	0.0	0.0
8	12/22/2014	09:24	-----	0.0	0.0
9	12/22/2014	09:25	-----	0.0	0.0
10	12/22/2014	09:26	-----	0.0	0.0
11	12/22/2014	09:27	-----	0.0	0.0
12	12/22/2014	09:28	-----	0.0	0.0
13	12/22/2014	09:29	-----	0.0	0.0
14	12/22/2014	09:30	-----	0.0	0.0
15	12/22/2014	09:31	-----	0.0	0.0
16	12/22/2014	09:32	-----	0.0	0.0
17	12/22/2014	09:33	-----	0.0	0.0
18	12/22/2014	09:34	-----	0.0	0.0
19	12/22/2014	09:35	-----	0.0	0.0
20	12/22/2014	09:36	-----	0.0	0.0
21	12/22/2014	09:37	-----	0.0	0.0
22	12/22/2014	09:38	-----	0.0	0.0
23	12/22/2014	09:39	-----	0.0	0.0
24	12/22/2014	09:40	-----	0.0	0.0
25	12/22/2014	09:41	-----	0.0	0.0
26	12/22/2014	09:42	-----	0.0	0.0
27	12/22/2014	09:43	-----	0.0	0.0
28	12/22/2014	09:44	-----	0.0	0.0
29	12/22/2014	09:45	-----	0.0	0.0
30	12/22/2014	09:46	-----	0.0	0.0
31	12/22/2014	09:47	-----	0.0	0.0
32	12/22/2014	09:48	-----	0.0	0.0
33	12/22/2014	09:49	-----	0.0	0.0
34	12/22/2014	09:50	-----	0.0	0.0
35	12/22/2014	09:51	-----	0.0	0.0
36	12/22/2014	09:52	-----	0.0	0.0
37	12/22/2014	09:53	-----	0.0	0.2
38	12/22/2014	09:54	-----	0.0	0.3
39	12/22/2014	09:55	-----	0.0	0.3
40	12/22/2014	09:56	-----	0.0	0.1
41	12/22/2014	09:57	-----	0.0	0.0
42	12/22/2014	09:58	-----	0.0	0.0
43	12/22/2014	09:59	-----	0.0	0.0
44	12/22/2014	10:00	-----	0.0	0.0
45	12/22/2014	10:01	-----	0.0	0.0
46	12/22/2014	10:02	-----	0.0	0.1
47	12/22/2014	10:03	-----	0.0	0.0
48	12/22/2014	10:04	-----	0.0	0.0
49	12/22/2014	10:05	-----	0.0	0.1
50	12/22/2014	10:06	-----	0.0	0.3
51	12/22/2014	10:07	-----	0.0	0.3
52	12/22/2014	10:08	-----	0.0	0.3
53	12/22/2014	10:09	-----	0.0	0.2
54	12/22/2014	10:10	-----	0.0	0.0
55	12/22/2014	10:11	-----	0.0	0.0
56	12/22/2014	10:12	-----	0.0	0.0
57	12/22/2014	10:13	-----	0.0	0.0

58	12/22/2014 10:14	-----	0.0	0.0
59	12/22/2014 10:15	-----	0.0	0.0
60	12/22/2014 10:16	-----	0.0	0.1
61	12/22/2014 10:17	-----	0.0	0.0
62	12/22/2014 10:18	-----	0.0	0.1
63	12/22/2014 10:19	-----	0.0	0.0
64	12/22/2014 10:20	-----	0.0	0.1
65	12/22/2014 10:21	-----	0.0	0.0
66	12/22/2014 10:22	-----	0.0	0.0
67	12/22/2014 10:23	-----	0.0	0.1
68	12/22/2014 10:24	-----	0.0	0.0
69	12/22/2014 10:25	-----	0.0	0.0
70	12/22/2014 10:26	-----	0.0	0.1
71	12/22/2014 10:27	-----	0.0	0.1
72	12/22/2014 10:28	-----	0.0	0.1
73	12/22/2014 10:29	-----	0.0	0.1
74	12/22/2014 10:30	-----	0.0	0.0
75	12/22/2014 10:31	-----	0.0	0.0
76	12/22/2014 10:32	-----	0.0	0.0
77	12/22/2014 10:33	-----	0.0	0.0
78	12/22/2014 10:34	-----	0.0	0.0
79	12/22/2014 10:35	-----	0.0	0.0
80	12/22/2014 10:36	-----	0.0	0.0
81	12/22/2014 10:37	-----	0.0	0.0
82	12/22/2014 10:38	-----	0.0	0.0
83	12/22/2014 10:39	-----	0.0	0.0
84	12/22/2014 10:40	-----	0.0	0.0
85	12/22/2014 10:41	-----	0.0	0.0
86	12/22/2014 10:42	-----	0.0	0.0
87	12/22/2014 10:43	-----	0.0	0.0
88	12/22/2014 10:44	-----	0.0	0.0
89	12/22/2014 10:45	-----	0.0	0.0
90	12/22/2014 10:46	-----	0.0	0.0
91	12/22/2014 10:47	-----	0.0	0.0
92	12/22/2014 10:48	-----	0.0	0.1
93	12/22/2014 10:49	-----	0.0	0.0
94	12/22/2014 10:50	-----	0.0	0.0
95	12/22/2014 10:51	-----	0.0	0.0
96	12/22/2014 10:52	-----	0.0	0.0
97	12/22/2014 10:53	-----	0.0	0.0
98	12/22/2014 10:54	-----	0.0	0.0
99	12/22/2014 10:55	-----	0.0	0.0
100	12/22/2014 10:56	-----	0.0	0.0
101	12/22/2014 10:57	-----	0.0	0.0
102	12/22/2014 10:58	-----	0.0	0.0
103	12/22/2014 10:59	-----	0.0	0.0
104	12/22/2014 11:00	-----	0.0	0.0
105	12/22/2014 11:01	-----	0.0	0.0
106	12/22/2014 11:02	-----	0.0	0.0
107	12/22/2014 11:03	-----	0.0	0.0
108	12/22/2014 11:04	-----	0.0	0.0
109	12/22/2014 11:05	-----	0.0	0.0
110	12/22/2014 11:06	-----	0.0	0.0
111	12/22/2014 11:07	-----	0.0	0.0
112	12/22/2014 11:08	-----	0.0	0.0
113	12/22/2014 11:09	-----	0.0	0.1
114	12/22/2014 11:10	-----	0.0	0.1
115	12/22/2014 11:11	-----	0.0	0.0
116	12/22/2014 11:12	-----	0.0	0.0
117	12/22/2014 11:13	-----	0.0	0.1
118	12/22/2014 11:14	-----	0.0	0.0
119	12/22/2014 11:15	-----	0.0	0.0
120	12/22/2014 11:16	-----	0.0	0.0
121	12/22/2014 11:17	-----	0.0	0.0
122	12/22/2014 11:18	-----	0.0	0.0
123	12/22/2014 11:19	-----	0.0	0.0
124	12/22/2014 11:20	-----	0.0	0.0
125	12/22/2014 11:21	-----	0.0	0.0

126	12/22/2014 11:22	-----	0.0	0.0
127	12/22/2014 11:23	-----	0.0	0.0
128	12/22/2014 11:24	-----	0.0	0.0
129	12/22/2014 11:25	-----	0.0	0.0
130	12/22/2014 11:26	-----	0.0	0.0
131	12/22/2014 11:27	-----	0.0	0.0
132	12/22/2014 11:28	-----	0.0	0.0
133	12/22/2014 11:29	-----	0.0	0.0
134	12/22/2014 11:30	-----	0.0	0.0
135	12/22/2014 11:31	-----	0.0	0.0
136	12/22/2014 11:32	-----	0.0	0.0
137	12/22/2014 11:33	-----	0.0	0.0
138	12/22/2014 11:34	-----	0.0	0.0
139	12/22/2014 11:35	-----	0.0	0.0
140	12/22/2014 11:36	-----	0.0	0.0
141	12/22/2014 11:37	-----	0.0	0.0
142	12/22/2014 11:38	-----	0.0	0.0
143	12/22/2014 11:39	-----	0.0	0.0
144	12/22/2014 11:40	-----	0.0	0.0
145	12/22/2014 11:41	-----	0.0	0.0
146	12/22/2014 11:42	-----	0.0	0.0
147	12/22/2014 11:43	-----	0.0	0.0
148	12/22/2014 11:44	-----	0.0	0.0
149	12/22/2014 11:45	-----	0.0	0.0
150	12/22/2014 11:46	-----	0.0	0.1
151	12/22/2014 11:47	-----	0.0	0.0
152	12/22/2014 11:48	-----	0.0	0.0
153	12/22/2014 11:49	-----	0.0	0.0
154	12/22/2014 11:50	-----	0.1	0.5
155	12/22/2014 11:51	-----	0.0	0.1
156	12/22/2014 11:52	-----	0.0	0.0
157	12/22/2014 11:53	-----	0.0	0.0
158	12/22/2014 11:54	-----	0.0	0.0
159	12/22/2014 11:55	-----	0.0	0.0
160	12/22/2014 11:56	-----	0.0	0.0
161	12/22/2014 11:57	-----	0.0	0.0
162	12/22/2014 11:58	-----	0.0	0.0
163	12/22/2014 11:59	-----	0.0	0.0
164	12/22/2014 12:00	-----	0.0	0.0
165	12/22/2014 12:01	-----	0.0	0.0
166	12/22/2014 12:02	-----	0.0	0.0
167	12/22/2014 12:03	-----	0.0	0.0
168	12/22/2014 12:04	-----	0.0	0.0
169	12/22/2014 12:05	-----	0.0	0.0
170	12/22/2014 12:06	-----	0.0	0.0
171	12/22/2014 12:07	-----	0.0	0.0
172	12/22/2014 12:08	-----	0.0	0.0
173	12/22/2014 12:09	-----	0.0	0.0
174	12/22/2014 12:10	-----	0.0	0.0
175	12/22/2014 12:11	-----	0.0	0.0
176	12/22/2014 12:12	-----	0.0	0.0
177	12/22/2014 12:13	-----	0.0	0.0
178	12/22/2014 12:14	-----	0.0	0.0
179	12/22/2014 12:15	-----	0.0	0.0
180	12/22/2014 12:16	-----	0.0	0.0
181	12/22/2014 12:17	-----	0.0	0.0
182	12/22/2014 12:18	-----	0.0	0.0
183	12/22/2014 12:19	-----	0.0	0.0
184	12/22/2014 12:20	-----	0.0	0.0
185	12/22/2014 12:21	-----	0.0	0.0
186	12/22/2014 12:22	-----	0.0	0.0
187	12/22/2014 12:23	-----	0.0	0.0
188	12/22/2014 12:24	-----	0.0	0.0
189	12/22/2014 12:25	-----	0.0	0.0
190	12/22/2014 12:26	-----	0.0	0.0
191	12/22/2014 12:27	-----	0.0	0.0
192	12/22/2014 12:28	-----	0.0	0.0
193	12/22/2014 12:29	-----	0.0	0.0

194	12/22/2014 12:30	-----	0.0	0.0
195	12/22/2014 12:31	-----	0.0	0.0
196	12/22/2014 12:32	-----	0.0	0.0
197	12/22/2014 12:33	-----	0.0	0.0
198	12/22/2014 12:34	-----	0.0	0.0
199	12/22/2014 12:35	-----	0.0	0.0
200	12/22/2014 12:36	-----	0.0	0.0
201	12/22/2014 12:37	-----	0.0	0.0
202	12/22/2014 12:38	-----	0.0	0.0
203	12/22/2014 12:39	-----	0.0	0.0
204	12/22/2014 12:40	-----	0.0	0.0
205	12/22/2014 12:41	-----	0.0	0.0
206	12/22/2014 12:42	-----	0.0	0.0
207	12/22/2014 12:43	-----	0.0	0.0
208	12/22/2014 12:44	-----	0.0	0.1
209	12/22/2014 12:45	-----	0.0	0.0
210	12/22/2014 12:46	-----	0.0	0.0
211	12/22/2014 12:47	-----	0.0	0.0
212	12/22/2014 12:48	-----	0.3	2.0
213	12/22/2014 12:49	-----	0.1	0.7
214	12/22/2014 12:50	-----	0.0	0.3
215	12/22/2014 12:51	-----	0.0	0.3
216	12/22/2014 12:52	-----	0.0	0.2
217	12/22/2014 12:53	-----	0.0	0.9
218	12/22/2014 12:54	-----	0.0	0.5
219	12/22/2014 12:55	-----	0.0	0.4
220	12/22/2014 12:56	-----	0.1	0.5
221	12/22/2014 12:57	-----	0.0	0.1
222	12/22/2014 12:58	-----	0.0	0.2
223	12/22/2014 12:59	-----	0.0	0.1
224	12/22/2014 13:00	-----	0.0	0.0
225	12/22/2014 13:01	-----	0.0	0.0
226	12/22/2014 13:02	-----	0.0	0.1
227	12/22/2014 13:03	-----	0.0	0.1
228	12/22/2014 13:04	-----	0.0	0.2
229	12/22/2014 13:05	-----	0.0	0.1
230	12/22/2014 13:06	-----	0.0	0.1
231	12/22/2014 13:07	-----	0.0	0.0
232	12/22/2014 13:08	-----	0.0	0.0
233	12/22/2014 13:09	-----	0.0	0.0
234	12/22/2014 13:10	-----	0.0	0.0
235	12/22/2014 13:11	-----	0.0	0.0
236	12/22/2014 13:12	-----	0.0	0.0
237	12/22/2014 13:13	-----	0.0	0.0
238	12/22/2014 13:14	-----	0.0	0.0
239	12/22/2014 13:15	-----	0.0	0.0
240	12/22/2014 13:16	-----	0.0	0.0
241	12/22/2014 13:17	-----	0.0	0.0
242	12/22/2014 13:18	-----	0.0	0.0
243	12/22/2014 13:19	-----	0.0	0.0
244	12/22/2014 13:20	-----	0.0	0.0
245	12/22/2014 13:21	-----	0.0	0.0
246	12/22/2014 13:22	-----	0.0	0.0
247	12/22/2014 13:23	-----	0.0	0.1
248	12/22/2014 13:24	-----	0.0	0.0
249	12/22/2014 13:25	-----	0.0	0.0
250	12/22/2014 13:26	-----	0.0	0.0
251	12/22/2014 13:27	-----	0.0	0.0
252	12/22/2014 13:28	-----	0.0	0.0
253	12/22/2014 13:29	-----	0.0	0.0
254	12/22/2014 13:30	-----	0.0	0.0
255	12/22/2014 13:31	-----	0.0	0.0
256	12/22/2014 13:32	-----	0.0	0.0
257	12/22/2014 13:33	-----	0.0	0.0
258	12/22/2014 13:34	-----	0.0	0.0
259	12/22/2014 13:35	-----	0.0	0.0
260	12/22/2014 13:36	-----	0.0	0.0
261	12/22/2014 13:37	-----	0.0	0.0

262	12/22/2014 13:38	-----	0.0	0.0
263	12/22/2014 13:39	-----	0.0	0.0
264	12/22/2014 13:40	-----	0.0	0.0
265	12/22/2014 13:41	-----	0.0	0.0
266	12/22/2014 13:42	-----	0.0	0.0
267	12/22/2014 13:43	-----	0.0	0.0
268	12/22/2014 13:44	-----	0.0	0.0
269	12/22/2014 13:45	-----	0.0	0.0
270	12/22/2014 13:46	-----	0.0	0.0
271	12/22/2014 13:47	-----	0.0	0.1
272	12/22/2014 13:48	-----	0.0	0.0
273	12/22/2014 13:49	-----	0.0	0.1
274	12/22/2014 13:50	-----	0.0	0.0
275	12/22/2014 13:51	-----	0.0	0.0
276	12/22/2014 13:52	-----	0.0	0.0
277	12/22/2014 13:53	-----	0.0	0.0
278	12/22/2014 13:54	-----	0.0	0.0
279	12/22/2014 13:55	-----	0.0	0.0
280	12/22/2014 13:56	-----	0.0	0.1
281	12/22/2014 13:57	-----	0.0	0.0
282	12/22/2014 13:58	-----	0.0	0.0
283	12/22/2014 13:59	-----	0.0	0.0
284	12/22/2014 14:00	-----	0.0	0.0
285	12/22/2014 14:01	-----	0.0	0.0
286	12/22/2014 14:02	-----	0.0	0.0
287	12/22/2014 14:03	-----	0.0	0.0
288	12/22/2014 14:04	-----	0.0	0.0
289	12/22/2014 14:05	-----	0.0	0.0
290	12/22/2014 14:06	-----	0.0	0.0
291	12/22/2014 14:07	-----	0.0	0.0
292	12/22/2014 14:08	-----	0.0	0.0
293	12/22/2014 14:09	-----	0.0	0.0
294	12/22/2014 14:10	-----	0.0	0.0
295	12/22/2014 14:11	-----	0.0	0.0
296	12/22/2014 14:12	-----	0.0	0.0
297	12/22/2014 14:13	-----	0.0	0.0
298	12/22/2014 14:14	-----	0.0	0.0
299	12/22/2014 14:15	-----	0.0	0.1
300	12/22/2014 14:16	-----	0.0	0.0
301	12/22/2014 14:17	-----	0.0	0.0
302	12/22/2014 14:18	-----	0.0	0.0
303	12/22/2014 14:19	-----	0.0	0.0
304	12/22/2014 14:20	-----	0.0	0.0
305	12/22/2014 14:21	-----	0.0	0.0
306	12/22/2014 14:22	-----	0.0	0.0
307	12/22/2014 14:23	-----	0.0	0.0
308	12/22/2014 14:24	-----	0.0	0.0
309	12/22/2014 14:25	-----	0.0	0.0
310	12/22/2014 14:26	-----	0.0	0.0
311	12/22/2014 14:27	-----	0.0	0.0
312	12/22/2014 14:28	-----	0.0	0.0
313	12/22/2014 14:29	-----	0.0	0.1
314	12/22/2014 14:30	-----	0.0	0.1
315	12/22/2014 14:31	-----	0.0	0.0
316	12/22/2014 14:32	-----	0.0	0.0
317	12/22/2014 14:33	-----	0.0	0.0
318	12/22/2014 14:34	-----	0.0	0.0
319	12/22/2014 14:35	-----	0.0	0.0
320	12/22/2014 14:36	-----	0.0	0.1
321	12/22/2014 14:37	-----	0.0	0.0
322	12/22/2014 14:38	-----	0.0	0.1
323	12/22/2014 14:39	-----	0.0	0.1
324	12/22/2014 14:40	-----	0.0	0.0
325	12/22/2014 14:41	-----	0.0	0.1
326	12/22/2014 14:42	-----	0.0	0.0
327	12/22/2014 14:43	-----	0.0	0.0
328	12/22/2014 14:44	-----	0.0	0.1
329	12/22/2014 14:45	-----	0.0	0.0

330	12/22/2014 14:46	-----	0.0	0.1
331	12/22/2014 14:47	-----	0.0	0.0
332	12/22/2014 14:48	-----	0.0	0.0
333	12/22/2014 14:49	-----	0.0	0.0
334	12/22/2014 14:50	-----	0.0	0.1
335	12/22/2014 14:51	-----	0.0	0.0
336	12/22/2014 14:52	-----	0.0	0.0
337	12/22/2014 14:53	-----	0.0	0.0
338	12/22/2014 14:54	-----	0.0	0.0
339	12/22/2014 14:55	-----	0.0	0.0
340	12/22/2014 14:56	-----	0.0	0.1
341	12/22/2014 14:57	-----	0.0	0.1
342	12/22/2014 14:58	-----	0.0	0.0
343	12/22/2014 14:59	-----	0.0	0.0
344	12/22/2014 15:00	-----	0.0	0.0
345	12/22/2014 15:01	-----	0.0	0.0
346	12/22/2014 15:02	-----	0.0	0.0
347	12/22/2014 15:03	-----	0.0	0.0
348	12/22/2014 15:04	-----	0.0	0.0
349	12/22/2014 15:05	-----	0.0	0.0
350	12/22/2014 15:06	-----	0.0	0.0
351	12/22/2014 15:07	-----	0.0	0.0
352	12/22/2014 15:08	-----	0.0	0.0
353	12/22/2014 15:09	-----	0.0	0.0
354	12/22/2014 15:10	-----	0.0	0.1
355	12/22/2014 15:11	-----	0.0	0.0
356	12/22/2014 15:12	-----	0.0	0.0
357	12/22/2014 15:13	-----	0.0	0.0
358	12/22/2014 15:14	-----	0.0	0.0
359	12/22/2014 15:15	-----	0.0	0.0
360	12/22/2014 15:16	-----	0.0	0.0
361	12/22/2014 15:17	-----	0.0	0.0
362	12/22/2014 15:18	-----	0.0	0.0
363	12/22/2014 15:19	-----	0.0	0.0
364	12/22/2014 15:20	-----	0.0	0.0
365	12/22/2014 15:21	-----	0.0	0.0
366	12/22/2014 15:22	-----	0.0	0.0
367	12/22/2014 15:23	-----	0.0	0.0
368	12/22/2014 15:24	-----	0.0	0.0
369	12/22/2014 15:25	-----	0.0	0.0
370	12/22/2014 15:26	-----	0.0	0.0
371	12/22/2014 15:27	-----	0.0	0.0
372	12/22/2014 15:28	-----	0.0	0.0

COMMUNITY AIR MONITORING DAILY LOG

Date: 12/23/14 Tues
Project: 3021 Orchard Park Rd
Job No.: 0304-014-004
Client: 3021-3041 Orchard Park Rd

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map):

WEATHER CONDITIONS:

Time of Day:	828 A.M.	1445 P.M.
Ambient Air Temp.:	37°F	48°F
Wind Direction:	NE	SSE
Wind Speed:	5-10	5-10 mph
Precipitation:	None	None

DESCRIPTION OF SITE ACTIVITIES: Monitoring Well Install MW-2A & MW-2B

PARTICULATE MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 100 ug/m3 [1]			-		
					Meter was Not set for logging.
					No Data Recorded.
Exceedence of 150 ug/m3 [1]			-		
Visual Observation of Fugitive Dust			NA		
			NA		
			NA		

VOC MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 5 ppm [1]			None		Temporarily halt Work and continue monitoring
Reading of 5 to 25 ppm [1]			None		Temporarily halt Work, abate emissions with corrective actions and continue monitoring [3]
Exceedence of 25 ppm [2]			None		Shut Down Work Immediately and notify Site Safety & Health Officer

1. Above background for 15 minute moving average.
2. Above background at Site perimeter (indicate location on attached sketch)
3. Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whicever is less) is below 5 ppm for 15 min.

NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: TAB Date: 12/23/14
Checked By: Date:

12/23/14 Tues

MICHAEL ROAD

ROOK DRIVE

ORCHARD PARK ROAD

MW-OB

SB

PROPOSED MEDICAL BUILDING (± 7,213 SF)

(# 3027) FAMILY DOLLAR

(# 3025) FMR. TOPS, FMR. ANTIQUE MALL

WALGRI PHARMACY

(# 3031) FMR. CVS PHARMACY

SV

SB-2

NEW PORTE-COCHERE

BH8 TPMW6

(# 3033) FMR. HAIR SALON & DRY CLEANER

SB-1

SB INDOOR AIR

NEW ADDITION

TPMW2

(# 3037) FMR. PAINT SHOP

SB-5

SB-3

BH-10 TPMW-7

BH7 TPMW5

BH6 TPMW4

SUBSLAB VAPOR

(# 3039) FMR. DRY CLEANER & FMR. INSTYLE ALTERING

OUTDOOR AIR

(# 3041) FMR. BANK & FMR. CREDIT UNION

BH5

BH4 TPMW3

BH9

BH-1 TPMW1

BH-11 TPMW-8

BH-12 TPMW-9

BH-13 TPMW-10

BH-14 TPMW-11

MW-BR

MW-OB

MW-BR

Work Area
MW-2A
MW-2B

KEY BA

LEGEND:

	PROPERTY BOUNDARY
	PARCEL BOUNDARY
	EXISTING BUILDING (NO PLANNED DEVELOPMENT)
	PLANNED NEW REDEVELOPMENT
	PLANNED REDEVELOPMENT
SB-1	SOIL BORING (TURNKEY)
BH-10 TPMW-7	BORE HOLE / TEMPORARY WELL (TURNKEY)
BH-1	BORE HOLE (LCS)
BH6 TPMW4	BOREHOLE / TEMPORARY WELL (LCS)
SUB-1	AIR SAMPLE LOCATION (SUBSLAB VAPOR & OUTDOOR AIR)
SV-01	PLANNED SOIL VAPOR SAMPLE LOCATION (2)
SB	PLANNED RI SOIL BORING (18)
MW-OB	PLANNED RI OVERBURDEN MONITORING WELL (5)
MW-BR	PLANNED RI BEDROCK MONITORING WELL (3)

60' 0' 60' 120'

SCALE: 1 INCH = 60 FEET
SCALE IN FEETS
(approximate)

DATE: JULY 2014
DRAFTED BY: BCH

F:\CAD\TurnKey\3021-3041 Orchard Park Road\04 - RI-RW-AA Work Plan\Figure 6; Proposed RI Sample Locations.dwg

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TURNKEY ENVIRONMENTAL RESTORATION, LLC

2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599

JOB NO.: 0304-014-002

PROPOSED RI SAMPLE LOCATIONS

RI/IRM/AA WORK PLAN

3021 ORCHARD PARK ROAD SITE
ORCHARD PARK, NEW YORK

PREPARED FOR

3021-3041 ORCHARD PARK ROAD LLC

FIGURE 6

DISCLAIMER: PROPERTY OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC. & TURNKEY ENVIRONMENTAL RESTORATION, LLC IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. INFORMATION CONTAINED HEREON IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN NECESSARY SUBCONTRACTORS & SUPPLIERS WITHOUT THE WRITTEN CONSENT OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC & TURNKEY ENVIRONMENTAL RESTORATION, LLC.

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 012776
User ID: 00000001 Site ID: 00000449
Data Points: 380 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 12/19/2014 17:36
Start At: 12/23/2014 08:28 End At: 12/23/2014 14:47

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	100.0	100.0	100.0
Low Alarm Levels:	50.0	50.0	50.0
STEL Alarm Levels:	9025.0	9025.0	9025.0
TWA Alarm Levels:	10.0	10.0	10.0

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
Peak Data Value:	-----	0.2	0.8
Min Data Value:	-----	0.0	0.0
TWA Data Value:	-----	0.0	0.0
AVG Data Value:	-----	0.0	0.0

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 012776
User ID: 00000001 Site ID: 00000449
Data Points: 380 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 12/19/2014 17:36

Measurement Type:	Min(ppm)			Avg(ppm)			Max(ppm)		
Alarm Type:	STEL	TWA	AVG	STEL	TWA	AVG	STEL	TWA	AVG
Alarm Levels:	9025.0	10.0		9025.0	10.0		9025.0	10.0	

			Min(ppm)			Avg(ppm)			Max(ppm)		
Line#	Date	Time	STEL	TWA	AVG	STEL	TWA	AVG	STEL	TWA	AVG
1	12/23/2014	08:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
2	12/23/2014	08:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
3	12/23/2014	08:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
4	12/23/2014	08:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
5	12/23/2014	08:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
6	12/23/2014	08:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
7	12/23/2014	08:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
8	12/23/2014	08:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
9	12/23/2014	08:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
10	12/23/2014	08:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
11	12/23/2014	08:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
12	12/23/2014	08:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
13	12/23/2014	08:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
14	12/23/2014	08:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
15	12/23/2014	08:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
16	12/23/2014	08:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
17	12/23/2014	08:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
18	12/23/2014	08:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
19	12/23/2014	08:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
20	12/23/2014	08:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
21	12/23/2014	08:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
22	12/23/2014	08:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
23	12/23/2014	08:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
24	12/23/2014	08:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
25	12/23/2014	08:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
26	12/23/2014	08:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
27	12/23/2014	08:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
28	12/23/2014	08:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
29	12/23/2014	08:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
30	12/23/2014	08:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
31	12/23/2014	08:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
32	12/23/2014	08:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
33	12/23/2014	09:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
34	12/23/2014	09:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
35	12/23/2014	09:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
36	12/23/2014	09:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
37	12/23/2014	09:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
38	12/23/2014	09:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
39	12/23/2014	09:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
40	12/23/2014	09:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
41	12/23/2014	09:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
42	12/23/2014	09:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
43	12/23/2014	09:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
44	12/23/2014	09:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
45	12/23/2014	09:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
46	12/23/2014	09:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
47	12/23/2014	09:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
48	12/23/2014	09:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
49	12/23/2014	09:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
50	12/23/2014	09:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
51	12/23/2014	09:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
52	12/23/2014	09:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
53	12/23/2014	09:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
54	12/23/2014	09:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
55	12/23/2014	09:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

56	12/23/2014 09:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
57	12/23/2014 09:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
58	12/23/2014 09:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
59	12/23/2014 09:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
60	12/23/2014 09:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
61	12/23/2014 09:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
62	12/23/2014 09:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
63	12/23/2014 09:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
64	12/23/2014 09:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
65	12/23/2014 09:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
66	12/23/2014 09:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
67	12/23/2014 09:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
68	12/23/2014 09:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
69	12/23/2014 09:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
70	12/23/2014 09:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
71	12/23/2014 09:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
72	12/23/2014 09:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
73	12/23/2014 09:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
74	12/23/2014 09:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
75	12/23/2014 09:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
76	12/23/2014 09:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
77	12/23/2014 09:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
78	12/23/2014 09:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
79	12/23/2014 09:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
80	12/23/2014 09:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
81	12/23/2014 09:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
82	12/23/2014 09:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
83	12/23/2014 09:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
84	12/23/2014 09:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
85	12/23/2014 09:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
86	12/23/2014 09:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
87	12/23/2014 09:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
88	12/23/2014 09:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
89	12/23/2014 09:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
90	12/23/2014 09:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
91	12/23/2014 09:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
92	12/23/2014 09:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
93	12/23/2014 10:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
94	12/23/2014 10:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
95	12/23/2014 10:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
96	12/23/2014 10:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
97	12/23/2014 10:04	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
98	12/23/2014 10:05	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
99	12/23/2014 10:06	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
100	12/23/2014 10:07	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
101	12/23/2014 10:08	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
102	12/23/2014 10:09	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
103	12/23/2014 10:10	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
104	12/23/2014 10:11	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
105	12/23/2014 10:12	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
106	12/23/2014 10:13	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
107	12/23/2014 10:14	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
108	12/23/2014 10:15	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
109	12/23/2014 10:16	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
110	12/23/2014 10:17	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
111	12/23/2014 10:18	-----	-----	-----	0.0	0.0	0.0	0.1	0.0	0.0
112	12/23/2014 10:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
113	12/23/2014 10:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
114	12/23/2014 10:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
115	12/23/2014 10:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
116	12/23/2014 10:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
117	12/23/2014 10:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
118	12/23/2014 10:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
119	12/23/2014 10:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
120	12/23/2014 10:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
121	12/23/2014 10:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
122	12/23/2014 10:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
123	12/23/2014 10:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

124	12/23/2014	10:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
125	12/23/2014	10:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
126	12/23/2014	10:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
127	12/23/2014	10:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
128	12/23/2014	10:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
129	12/23/2014	10:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
130	12/23/2014	10:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
131	12/23/2014	10:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
132	12/23/2014	10:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
133	12/23/2014	10:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
134	12/23/2014	10:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
135	12/23/2014	10:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
136	12/23/2014	10:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
137	12/23/2014	10:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
138	12/23/2014	10:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
139	12/23/2014	10:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
140	12/23/2014	10:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
141	12/23/2014	10:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
142	12/23/2014	10:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
143	12/23/2014	10:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
144	12/23/2014	10:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
145	12/23/2014	10:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
146	12/23/2014	10:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
147	12/23/2014	10:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
148	12/23/2014	10:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
149	12/23/2014	10:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
150	12/23/2014	10:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
151	12/23/2014	10:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
152	12/23/2014	10:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
153	12/23/2014	11:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
154	12/23/2014	11:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
155	12/23/2014	11:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
156	12/23/2014	11:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
157	12/23/2014	11:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
158	12/23/2014	11:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
159	12/23/2014	11:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
160	12/23/2014	11:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
161	12/23/2014	11:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
162	12/23/2014	11:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
163	12/23/2014	11:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
164	12/23/2014	11:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
165	12/23/2014	11:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
166	12/23/2014	11:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
167	12/23/2014	11:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
168	12/23/2014	11:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
169	12/23/2014	11:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
170	12/23/2014	11:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
171	12/23/2014	11:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
172	12/23/2014	11:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
173	12/23/2014	11:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
174	12/23/2014	11:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
175	12/23/2014	11:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
176	12/23/2014	11:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
177	12/23/2014	11:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
178	12/23/2014	11:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
179	12/23/2014	11:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
180	12/23/2014	11:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
181	12/23/2014	11:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
182	12/23/2014	11:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
183	12/23/2014	11:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
184	12/23/2014	11:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
185	12/23/2014	11:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
186	12/23/2014	11:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
187	12/23/2014	11:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
188	12/23/2014	11:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
189	12/23/2014	11:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
190	12/23/2014	11:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
191	12/23/2014	11:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

192	12/23/2014	11:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
193	12/23/2014	11:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
194	12/23/2014	11:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
195	12/23/2014	11:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
196	12/23/2014	11:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
197	12/23/2014	11:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
198	12/23/2014	11:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
199	12/23/2014	11:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
200	12/23/2014	11:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
201	12/23/2014	11:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
202	12/23/2014	11:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
203	12/23/2014	11:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
204	12/23/2014	11:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
205	12/23/2014	11:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
206	12/23/2014	11:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
207	12/23/2014	11:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
208	12/23/2014	11:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
209	12/23/2014	11:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
210	12/23/2014	11:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
211	12/23/2014	11:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
212	12/23/2014	11:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
213	12/23/2014	12:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
214	12/23/2014	12:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
215	12/23/2014	12:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
216	12/23/2014	12:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
217	12/23/2014	12:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
218	12/23/2014	12:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
219	12/23/2014	12:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
220	12/23/2014	12:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
221	12/23/2014	12:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
222	12/23/2014	12:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
223	12/23/2014	12:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
224	12/23/2014	12:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
225	12/23/2014	12:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
226	12/23/2014	12:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
227	12/23/2014	12:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
228	12/23/2014	12:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
229	12/23/2014	12:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
230	12/23/2014	12:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
231	12/23/2014	12:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
232	12/23/2014	12:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
233	12/23/2014	12:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
234	12/23/2014	12:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
235	12/23/2014	12:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
236	12/23/2014	12:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
237	12/23/2014	12:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
238	12/23/2014	12:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
239	12/23/2014	12:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
240	12/23/2014	12:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
241	12/23/2014	12:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
242	12/23/2014	12:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
243	12/23/2014	12:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
244	12/23/2014	12:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
245	12/23/2014	12:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
246	12/23/2014	12:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
247	12/23/2014	12:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
248	12/23/2014	12:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
249	12/23/2014	12:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
250	12/23/2014	12:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
251	12/23/2014	12:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
252	12/23/2014	12:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
253	12/23/2014	12:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
254	12/23/2014	12:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
255	12/23/2014	12:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
256	12/23/2014	12:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
257	12/23/2014	12:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
258	12/23/2014	12:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
259	12/23/2014	12:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

260	12/23/2014	12:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
261	12/23/2014	12:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
262	12/23/2014	12:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
263	12/23/2014	12:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
264	12/23/2014	12:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
265	12/23/2014	12:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
266	12/23/2014	12:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
267	12/23/2014	12:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
268	12/23/2014	12:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
269	12/23/2014	12:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
270	12/23/2014	12:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
271	12/23/2014	12:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
272	12/23/2014	12:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
273	12/23/2014	13:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
274	12/23/2014	13:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
275	12/23/2014	13:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
276	12/23/2014	13:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
277	12/23/2014	13:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
278	12/23/2014	13:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
279	12/23/2014	13:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
280	12/23/2014	13:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
281	12/23/2014	13:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
282	12/23/2014	13:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
283	12/23/2014	13:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
284	12/23/2014	13:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
285	12/23/2014	13:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
286	12/23/2014	13:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
287	12/23/2014	13:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
288	12/23/2014	13:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
289	12/23/2014	13:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
290	12/23/2014	13:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
291	12/23/2014	13:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
292	12/23/2014	13:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
293	12/23/2014	13:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
294	12/23/2014	13:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
295	12/23/2014	13:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
296	12/23/2014	13:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
297	12/23/2014	13:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
298	12/23/2014	13:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
299	12/23/2014	13:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
300	12/23/2014	13:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
301	12/23/2014	13:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
302	12/23/2014	13:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
303	12/23/2014	13:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
304	12/23/2014	13:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
305	12/23/2014	13:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
306	12/23/2014	13:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
307	12/23/2014	13:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
308	12/23/2014	13:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
309	12/23/2014	13:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
310	12/23/2014	13:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
311	12/23/2014	13:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
312	12/23/2014	13:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
313	12/23/2014	13:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
314	12/23/2014	13:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
315	12/23/2014	13:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
316	12/23/2014	13:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
317	12/23/2014	13:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
318	12/23/2014	13:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
319	12/23/2014	13:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
320	12/23/2014	13:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
321	12/23/2014	13:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
322	12/23/2014	13:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
323	12/23/2014	13:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
324	12/23/2014	13:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
325	12/23/2014	13:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
326	12/23/2014	13:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
327	12/23/2014	13:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

328	12/23/2014 13:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
329	12/23/2014 13:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
330	12/23/2014 13:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
331	12/23/2014 13:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
332	12/23/2014 13:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
333	12/23/2014 14:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
334	12/23/2014 14:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
335	12/23/2014 14:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
336	12/23/2014 14:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
337	12/23/2014 14:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
338	12/23/2014 14:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
339	12/23/2014 14:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
340	12/23/2014 14:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
341	12/23/2014 14:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
342	12/23/2014 14:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
343	12/23/2014 14:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
344	12/23/2014 14:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
345	12/23/2014 14:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
346	12/23/2014 14:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
347	12/23/2014 14:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
348	12/23/2014 14:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
349	12/23/2014 14:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
350	12/23/2014 14:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
351	12/23/2014 14:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
352	12/23/2014 14:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
353	12/23/2014 14:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
354	12/23/2014 14:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
355	12/23/2014 14:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
356	12/23/2014 14:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
357	12/23/2014 14:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
358	12/23/2014 14:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
359	12/23/2014 14:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
360	12/23/2014 14:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
361	12/23/2014 14:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
362	12/23/2014 14:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
363	12/23/2014 14:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
364	12/23/2014 14:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
365	12/23/2014 14:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
366	12/23/2014 14:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
367	12/23/2014 14:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
368	12/23/2014 14:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
369	12/23/2014 14:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
370	12/23/2014 14:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
371	12/23/2014 14:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
372	12/23/2014 14:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
373	12/23/2014 14:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
374	12/23/2014 14:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
375	12/23/2014 14:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
376	12/23/2014 14:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
377	12/23/2014 14:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
378	12/23/2014 14:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
379	12/23/2014 14:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
380	12/23/2014 14:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 012776
User ID: 00000001 Site ID: 00000449
Data Points: 380 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 12/19/2014 17:36

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	100.0	100.0	100.0
Low Alarm Levels:	50.0	50.0	50.0

Line#	Date	Time	Min(ppm)	Avg(ppm)	Max(ppm)
1	12/23/2014	08:28	-----	0.0	0.0
2	12/23/2014	08:29	-----	0.0	0.0
3	12/23/2014	08:30	-----	0.0	0.0
4	12/23/2014	08:31	-----	0.0	0.0
5	12/23/2014	08:32	-----	0.0	0.0
6	12/23/2014	08:33	-----	0.0	0.0
7	12/23/2014	08:34	-----	0.0	0.0
8	12/23/2014	08:35	-----	0.0	0.0
9	12/23/2014	08:36	-----	0.0	0.0
10	12/23/2014	08:37	-----	0.0	0.0
11	12/23/2014	08:38	-----	0.0	0.0
12	12/23/2014	08:39	-----	0.0	0.0
13	12/23/2014	08:40	-----	0.0	0.0
14	12/23/2014	08:41	-----	0.0	0.0
15	12/23/2014	08:42	-----	0.0	0.0
16	12/23/2014	08:43	-----	0.0	0.0
17	12/23/2014	08:44	-----	0.0	0.0
18	12/23/2014	08:45	-----	0.0	0.0
19	12/23/2014	08:46	-----	0.0	0.0
20	12/23/2014	08:47	-----	0.0	0.0
21	12/23/2014	08:48	-----	0.0	0.0
22	12/23/2014	08:49	-----	0.0	0.0
23	12/23/2014	08:50	-----	0.0	0.0
24	12/23/2014	08:51	-----	0.0	0.0
25	12/23/2014	08:52	-----	0.0	0.0
26	12/23/2014	08:53	-----	0.0	0.0
27	12/23/2014	08:54	-----	0.0	0.0
28	12/23/2014	08:55	-----	0.0	0.0
29	12/23/2014	08:56	-----	0.0	0.0
30	12/23/2014	08:57	-----	0.0	0.0
31	12/23/2014	08:58	-----	0.0	0.0
32	12/23/2014	08:59	-----	0.0	0.0
33	12/23/2014	09:00	-----	0.0	0.0
34	12/23/2014	09:01	-----	0.0	0.0
35	12/23/2014	09:02	-----	0.0	0.0
36	12/23/2014	09:03	-----	0.0	0.0
37	12/23/2014	09:04	-----	0.0	0.0
38	12/23/2014	09:05	-----	0.0	0.0
39	12/23/2014	09:06	-----	0.0	0.1
40	12/23/2014	09:07	-----	0.0	0.1
41	12/23/2014	09:08	-----	0.0	0.1
42	12/23/2014	09:09	-----	0.0	0.0
43	12/23/2014	09:10	-----	0.0	0.1
44	12/23/2014	09:11	-----	0.0	0.1
45	12/23/2014	09:12	-----	0.0	0.1
46	12/23/2014	09:13	-----	0.0	0.0
47	12/23/2014	09:14	-----	0.0	0.0
48	12/23/2014	09:15	-----	0.0	0.0
49	12/23/2014	09:16	-----	0.0	0.0
50	12/23/2014	09:17	-----	0.0	0.0
51	12/23/2014	09:18	-----	0.0	0.0
52	12/23/2014	09:19	-----	0.0	0.0
53	12/23/2014	09:20	-----	0.0	0.0
54	12/23/2014	09:21	-----	0.0	0.0
55	12/23/2014	09:22	-----	0.0	0.0
56	12/23/2014	09:23	-----	0.0	0.0
57	12/23/2014	09:24	-----	0.0	0.0

58	12/23/2014 09:25	-----	0.0	0.0
59	12/23/2014 09:26	-----	0.0	0.0
60	12/23/2014 09:27	-----	0.0	0.0
61	12/23/2014 09:28	-----	0.0	0.0
62	12/23/2014 09:29	-----	0.0	0.0
63	12/23/2014 09:30	-----	0.0	0.0
64	12/23/2014 09:31	-----	0.0	0.0
65	12/23/2014 09:32	-----	0.0	0.0
66	12/23/2014 09:33	-----	0.0	0.0
67	12/23/2014 09:34	-----	0.0	0.0
68	12/23/2014 09:35	-----	0.0	0.0
69	12/23/2014 09:36	-----	0.0	0.0
70	12/23/2014 09:37	-----	0.0	0.0
71	12/23/2014 09:38	-----	0.0	0.0
72	12/23/2014 09:39	-----	0.0	0.0
73	12/23/2014 09:40	-----	0.0	0.0
74	12/23/2014 09:41	-----	0.0	0.0
75	12/23/2014 09:42	-----	0.0	0.1
76	12/23/2014 09:43	-----	0.0	0.1
77	12/23/2014 09:44	-----	0.0	0.0
78	12/23/2014 09:45	-----	0.0	0.0
79	12/23/2014 09:46	-----	0.0	0.0
80	12/23/2014 09:47	-----	0.0	0.0
81	12/23/2014 09:48	-----	0.0	0.0
82	12/23/2014 09:49	-----	0.0	0.0
83	12/23/2014 09:50	-----	0.0	0.0
84	12/23/2014 09:51	-----	0.0	0.0
85	12/23/2014 09:52	-----	0.0	0.0
86	12/23/2014 09:53	-----	0.0	0.0
87	12/23/2014 09:54	-----	0.0	0.0
88	12/23/2014 09:55	-----	0.0	0.0
89	12/23/2014 09:56	-----	0.0	0.0
90	12/23/2014 09:57	-----	0.0	0.0
91	12/23/2014 09:58	-----	0.0	0.0
92	12/23/2014 09:59	-----	0.0	0.0
93	12/23/2014 10:00	-----	0.0	0.0
94	12/23/2014 10:01	-----	0.0	0.0
95	12/23/2014 10:02	-----	0.0	0.0
96	12/23/2014 10:03	-----	0.0	0.0
97	12/23/2014 10:04	-----	0.2	0.8
98	12/23/2014 10:05	-----	0.0	0.0
99	12/23/2014 10:06	-----	0.0	0.0
100	12/23/2014 10:07	-----	0.0	0.0
101	12/23/2014 10:08	-----	0.0	0.0
102	12/23/2014 10:09	-----	0.0	0.0
103	12/23/2014 10:10	-----	0.0	0.0
104	12/23/2014 10:11	-----	0.0	0.0
105	12/23/2014 10:12	-----	0.0	0.0
106	12/23/2014 10:13	-----	0.0	0.0
107	12/23/2014 10:14	-----	0.0	0.0
108	12/23/2014 10:15	-----	0.0	0.0
109	12/23/2014 10:16	-----	0.0	0.0
110	12/23/2014 10:17	-----	0.0	0.0
111	12/23/2014 10:18	-----	0.0	0.0
112	12/23/2014 10:19	-----	0.0	0.0
113	12/23/2014 10:20	-----	0.0	0.0
114	12/23/2014 10:21	-----	0.0	0.0
115	12/23/2014 10:22	-----	0.0	0.0
116	12/23/2014 10:23	-----	0.0	0.0
117	12/23/2014 10:24	-----	0.0	0.0
118	12/23/2014 10:25	-----	0.0	0.0
119	12/23/2014 10:26	-----	0.0	0.0
120	12/23/2014 10:27	-----	0.0	0.0
121	12/23/2014 10:28	-----	0.0	0.0
122	12/23/2014 10:29	-----	0.0	0.0
123	12/23/2014 10:30	-----	0.0	0.0
124	12/23/2014 10:31	-----	0.0	0.0
125	12/23/2014 10:32	-----	0.0	0.0

126	12/23/2014 10:33	-----	0.0	0.0
127	12/23/2014 10:34	-----	0.0	0.0
128	12/23/2014 10:35	-----	0.0	0.0
129	12/23/2014 10:36	-----	0.0	0.0
130	12/23/2014 10:37	-----	0.0	0.0
131	12/23/2014 10:38	-----	0.0	0.0
132	12/23/2014 10:39	-----	0.0	0.0
133	12/23/2014 10:40	-----	0.0	0.0
134	12/23/2014 10:41	-----	0.0	0.0
135	12/23/2014 10:42	-----	0.0	0.0
136	12/23/2014 10:43	-----	0.0	0.0
137	12/23/2014 10:44	-----	0.0	0.0
138	12/23/2014 10:45	-----	0.0	0.0
139	12/23/2014 10:46	-----	0.0	0.0
140	12/23/2014 10:47	-----	0.0	0.0
141	12/23/2014 10:48	-----	0.0	0.0
142	12/23/2014 10:49	-----	0.0	0.0
143	12/23/2014 10:50	-----	0.0	0.0
144	12/23/2014 10:51	-----	0.0	0.0
145	12/23/2014 10:52	-----	0.0	0.0
146	12/23/2014 10:53	-----	0.0	0.0
147	12/23/2014 10:54	-----	0.0	0.0
148	12/23/2014 10:55	-----	0.0	0.0
149	12/23/2014 10:56	-----	0.0	0.0
150	12/23/2014 10:57	-----	0.0	0.0
151	12/23/2014 10:58	-----	0.0	0.0
152	12/23/2014 10:59	-----	0.0	0.0
153	12/23/2014 11:00	-----	0.0	0.0
154	12/23/2014 11:01	-----	0.0	0.0
155	12/23/2014 11:02	-----	0.0	0.0
156	12/23/2014 11:03	-----	0.0	0.0
157	12/23/2014 11:04	-----	0.0	0.0
158	12/23/2014 11:05	-----	0.0	0.0
159	12/23/2014 11:06	-----	0.0	0.0
160	12/23/2014 11:07	-----	0.0	0.0
161	12/23/2014 11:08	-----	0.0	0.0
162	12/23/2014 11:09	-----	0.0	0.0
163	12/23/2014 11:10	-----	0.0	0.0
164	12/23/2014 11:11	-----	0.0	0.0
165	12/23/2014 11:12	-----	0.0	0.0
166	12/23/2014 11:13	-----	0.0	0.0
167	12/23/2014 11:14	-----	0.0	0.0
168	12/23/2014 11:15	-----	0.0	0.0
169	12/23/2014 11:16	-----	0.0	0.0
170	12/23/2014 11:17	-----	0.0	0.0
171	12/23/2014 11:18	-----	0.0	0.0
172	12/23/2014 11:19	-----	0.0	0.0
173	12/23/2014 11:20	-----	0.0	0.0
174	12/23/2014 11:21	-----	0.0	0.0
175	12/23/2014 11:22	-----	0.0	0.0
176	12/23/2014 11:23	-----	0.0	0.0
177	12/23/2014 11:24	-----	0.0	0.0
178	12/23/2014 11:25	-----	0.0	0.0
179	12/23/2014 11:26	-----	0.0	0.0
180	12/23/2014 11:27	-----	0.0	0.0
181	12/23/2014 11:28	-----	0.0	0.0
182	12/23/2014 11:29	-----	0.0	0.0
183	12/23/2014 11:30	-----	0.0	0.0
184	12/23/2014 11:31	-----	0.0	0.0
185	12/23/2014 11:32	-----	0.0	0.0
186	12/23/2014 11:33	-----	0.0	0.0
187	12/23/2014 11:34	-----	0.0	0.0
188	12/23/2014 11:35	-----	0.0	0.0
189	12/23/2014 11:36	-----	0.0	0.0
190	12/23/2014 11:37	-----	0.0	0.0
191	12/23/2014 11:38	-----	0.0	0.0
192	12/23/2014 11:39	-----	0.0	0.0
193	12/23/2014 11:40	-----	0.0	0.0

194	12/23/2014 11:41	-----	0.0	0.0
195	12/23/2014 11:42	-----	0.0	0.0
196	12/23/2014 11:43	-----	0.0	0.0
197	12/23/2014 11:44	-----	0.0	0.0
198	12/23/2014 11:45	-----	0.0	0.0
199	12/23/2014 11:46	-----	0.0	0.0
200	12/23/2014 11:47	-----	0.0	0.0
201	12/23/2014 11:48	-----	0.0	0.1
202	12/23/2014 11:49	-----	0.0	0.0
203	12/23/2014 11:50	-----	0.0	0.0
204	12/23/2014 11:51	-----	0.0	0.0
205	12/23/2014 11:52	-----	0.0	0.0
206	12/23/2014 11:53	-----	0.0	0.0
207	12/23/2014 11:54	-----	0.0	0.0
208	12/23/2014 11:55	-----	0.0	0.0
209	12/23/2014 11:56	-----	0.0	0.0
210	12/23/2014 11:57	-----	0.0	0.0
211	12/23/2014 11:58	-----	0.0	0.0
212	12/23/2014 11:59	-----	0.0	0.0
213	12/23/2014 12:00	-----	0.0	0.0
214	12/23/2014 12:01	-----	0.0	0.0
215	12/23/2014 12:02	-----	0.0	0.0
216	12/23/2014 12:03	-----	0.0	0.0
217	12/23/2014 12:04	-----	0.0	0.0
218	12/23/2014 12:05	-----	0.0	0.0
219	12/23/2014 12:06	-----	0.0	0.0
220	12/23/2014 12:07	-----	0.0	0.0
221	12/23/2014 12:08	-----	0.0	0.0
222	12/23/2014 12:09	-----	0.0	0.0
223	12/23/2014 12:10	-----	0.0	0.0
224	12/23/2014 12:11	-----	0.0	0.0
225	12/23/2014 12:12	-----	0.0	0.0
226	12/23/2014 12:13	-----	0.0	0.0
227	12/23/2014 12:14	-----	0.0	0.0
228	12/23/2014 12:15	-----	0.0	0.0
229	12/23/2014 12:16	-----	0.0	0.0
230	12/23/2014 12:17	-----	0.0	0.0
231	12/23/2014 12:18	-----	0.0	0.0
232	12/23/2014 12:19	-----	0.0	0.0
233	12/23/2014 12:20	-----	0.0	0.0
234	12/23/2014 12:21	-----	0.0	0.0
235	12/23/2014 12:22	-----	0.0	0.0
236	12/23/2014 12:23	-----	0.0	0.0
237	12/23/2014 12:24	-----	0.0	0.0
238	12/23/2014 12:25	-----	0.0	0.0
239	12/23/2014 12:26	-----	0.0	0.0
240	12/23/2014 12:27	-----	0.0	0.0
241	12/23/2014 12:28	-----	0.0	0.0
242	12/23/2014 12:29	-----	0.0	0.0
243	12/23/2014 12:30	-----	0.0	0.0
244	12/23/2014 12:31	-----	0.0	0.0
245	12/23/2014 12:32	-----	0.0	0.0
246	12/23/2014 12:33	-----	0.0	0.0
247	12/23/2014 12:34	-----	0.0	0.0
248	12/23/2014 12:35	-----	0.0	0.0
249	12/23/2014 12:36	-----	0.0	0.0
250	12/23/2014 12:37	-----	0.0	0.0
251	12/23/2014 12:38	-----	0.0	0.0
252	12/23/2014 12:39	-----	0.0	0.0
253	12/23/2014 12:40	-----	0.0	0.0
254	12/23/2014 12:41	-----	0.0	0.0
255	12/23/2014 12:42	-----	0.0	0.0
256	12/23/2014 12:43	-----	0.0	0.0
257	12/23/2014 12:44	-----	0.0	0.0
258	12/23/2014 12:45	-----	0.0	0.0
259	12/23/2014 12:46	-----	0.0	0.0
260	12/23/2014 12:47	-----	0.0	0.0
261	12/23/2014 12:48	-----	0.0	0.0

262	12/23/2014 12:49	-----	0.0	0.0
263	12/23/2014 12:50	-----	0.0	0.0
264	12/23/2014 12:51	-----	0.0	0.0
265	12/23/2014 12:52	-----	0.0	0.0
266	12/23/2014 12:53	-----	0.0	0.0
267	12/23/2014 12:54	-----	0.0	0.0
268	12/23/2014 12:55	-----	0.0	0.0
269	12/23/2014 12:56	-----	0.0	0.0
270	12/23/2014 12:57	-----	0.0	0.0
271	12/23/2014 12:58	-----	0.0	0.0
272	12/23/2014 12:59	-----	0.0	0.0
273	12/23/2014 13:00	-----	0.0	0.0
274	12/23/2014 13:01	-----	0.0	0.0
275	12/23/2014 13:02	-----	0.0	0.0
276	12/23/2014 13:03	-----	0.0	0.0
277	12/23/2014 13:04	-----	0.0	0.0
278	12/23/2014 13:05	-----	0.0	0.0
279	12/23/2014 13:06	-----	0.0	0.0
280	12/23/2014 13:07	-----	0.0	0.0
281	12/23/2014 13:08	-----	0.0	0.0
282	12/23/2014 13:09	-----	0.0	0.0
283	12/23/2014 13:10	-----	0.0	0.0
284	12/23/2014 13:11	-----	0.0	0.0
285	12/23/2014 13:12	-----	0.0	0.0
286	12/23/2014 13:13	-----	0.0	0.0
287	12/23/2014 13:14	-----	0.0	0.0
288	12/23/2014 13:15	-----	0.0	0.0
289	12/23/2014 13:16	-----	0.0	0.0
290	12/23/2014 13:17	-----	0.0	0.0
291	12/23/2014 13:18	-----	0.0	0.0
292	12/23/2014 13:19	-----	0.0	0.0
293	12/23/2014 13:20	-----	0.0	0.0
294	12/23/2014 13:21	-----	0.0	0.0
295	12/23/2014 13:22	-----	0.0	0.0
296	12/23/2014 13:23	-----	0.0	0.0
297	12/23/2014 13:24	-----	0.0	0.0
298	12/23/2014 13:25	-----	0.0	0.0
299	12/23/2014 13:26	-----	0.0	0.0
300	12/23/2014 13:27	-----	0.0	0.0
301	12/23/2014 13:28	-----	0.0	0.0
302	12/23/2014 13:29	-----	0.0	0.0
303	12/23/2014 13:30	-----	0.0	0.0
304	12/23/2014 13:31	-----	0.0	0.0
305	12/23/2014 13:32	-----	0.0	0.0
306	12/23/2014 13:33	-----	0.0	0.0
307	12/23/2014 13:34	-----	0.0	0.0
308	12/23/2014 13:35	-----	0.0	0.0
309	12/23/2014 13:36	-----	0.0	0.0
310	12/23/2014 13:37	-----	0.0	0.0
311	12/23/2014 13:38	-----	0.0	0.0
312	12/23/2014 13:39	-----	0.0	0.0
313	12/23/2014 13:40	-----	0.0	0.0
314	12/23/2014 13:41	-----	0.0	0.0
315	12/23/2014 13:42	-----	0.0	0.0
316	12/23/2014 13:43	-----	0.0	0.0
317	12/23/2014 13:44	-----	0.0	0.0
318	12/23/2014 13:45	-----	0.0	0.0
319	12/23/2014 13:46	-----	0.0	0.0
320	12/23/2014 13:47	-----	0.0	0.0
321	12/23/2014 13:48	-----	0.0	0.0
322	12/23/2014 13:49	-----	0.0	0.0
323	12/23/2014 13:50	-----	0.0	0.0
324	12/23/2014 13:51	-----	0.0	0.0
325	12/23/2014 13:52	-----	0.0	0.0
326	12/23/2014 13:53	-----	0.0	0.0
327	12/23/2014 13:54	-----	0.0	0.0
328	12/23/2014 13:55	-----	0.0	0.0
329	12/23/2014 13:56	-----	0.0	0.0

330	12/23/2014 13:57	-----	0.0	0.0
331	12/23/2014 13:58	-----	0.0	0.0
332	12/23/2014 13:59	-----	0.0	0.0
333	12/23/2014 14:00	-----	0.0	0.0
334	12/23/2014 14:01	-----	0.0	0.0
335	12/23/2014 14:02	-----	0.0	0.0
336	12/23/2014 14:03	-----	0.0	0.0
337	12/23/2014 14:04	-----	0.0	0.0
338	12/23/2014 14:05	-----	0.0	0.0
339	12/23/2014 14:06	-----	0.0	0.0
340	12/23/2014 14:07	-----	0.0	0.0
341	12/23/2014 14:08	-----	0.0	0.0
342	12/23/2014 14:09	-----	0.0	0.0
343	12/23/2014 14:10	-----	0.0	0.0
344	12/23/2014 14:11	-----	0.0	0.0
345	12/23/2014 14:12	-----	0.0	0.0
346	12/23/2014 14:13	-----	0.0	0.0
347	12/23/2014 14:14	-----	0.0	0.0
348	12/23/2014 14:15	-----	0.0	0.0
349	12/23/2014 14:16	-----	0.0	0.0
350	12/23/2014 14:17	-----	0.0	0.0
351	12/23/2014 14:18	-----	0.0	0.0
352	12/23/2014 14:19	-----	0.0	0.0
353	12/23/2014 14:20	-----	0.0	0.0
354	12/23/2014 14:21	-----	0.0	0.0
355	12/23/2014 14:22	-----	0.0	0.0
356	12/23/2014 14:23	-----	0.0	0.0
357	12/23/2014 14:24	-----	0.0	0.0
358	12/23/2014 14:25	-----	0.0	0.0
359	12/23/2014 14:26	-----	0.0	0.0
360	12/23/2014 14:27	-----	0.0	0.0
361	12/23/2014 14:28	-----	0.0	0.0
362	12/23/2014 14:29	-----	0.0	0.0
363	12/23/2014 14:30	-----	0.0	0.0
364	12/23/2014 14:31	-----	0.0	0.0
365	12/23/2014 14:32	-----	0.0	0.0
366	12/23/2014 14:33	-----	0.0	0.0
367	12/23/2014 14:34	-----	0.0	0.0
368	12/23/2014 14:35	-----	0.0	0.0
369	12/23/2014 14:36	-----	0.0	0.0
370	12/23/2014 14:37	-----	0.0	0.0
371	12/23/2014 14:38	-----	0.0	0.0
372	12/23/2014 14:39	-----	0.0	0.0
373	12/23/2014 14:40	-----	0.0	0.0
374	12/23/2014 14:41	-----	0.0	0.0
375	12/23/2014 14:42	-----	0.0	0.0
376	12/23/2014 14:43	-----	0.0	0.0
377	12/23/2014 14:44	-----	0.0	0.0
378	12/23/2014 14:45	-----	0.0	0.0
379	12/23/2014 14:46	-----	0.0	0.0
380	12/23/2014 14:47	-----	0.0	0.0

COMMUNITY AIR MONITORING DAILY LOG

Date: 12/24/14 Wed
Project: 3021 Orchard Park Rd
Job No.: 0304-014-004
Client: 3021-3041 Orchard Park Rd

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map):

WEATHER CONDITIONS:

Time of Day:	800 A.M.	1300 P.M.
Ambient Air Temp.:	50°F	57°F
Wind Direction:	SSE	SSE
Wind Speed:	10-15	10-15
Precipitation:	NONE	NONE

DESCRIPTION OF SITE ACTIVITIES: Monitoring well Install mw-3A & 3B

PARTICULATE MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 100 ug/m3 [1]			NONE		
Exceedence of 150 ug/m3 [1]			NONE		
Visual Observation of Fugitive Dust			NA		
			NA		
			NA		

VOC MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 5 ppm [1]			NONE		Temporarily halt Work and continue monitoring
Reading of 5 to 25 ppm [1]			NONE		Temporarily halt Work, abate emissions with corrective actions and continue monitoring [3]
Exceedence of 25 ppm [2]			NONE		Shut Down Work Immediately and notify Site Safety & Health Officer

1. Above background for 15 minute moving average.
2. Above background at Site perimeter (indicate location on attached sketch)
3. Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whicever is less) is below 5 ppm for 15 min.

NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: TAB Date: 12/24/14
Checked By: Date:

F:\CAD\TurnKey\3021-3041 Orchard Park Road\04 - RI-IRM-AA Work Plan\Figure 6; Proposed RI Sample Locations.dwg

12/24/14 wed

MICHAEL ROAD

ROOK DRIVE

ORCHARD PARK ROAD

WALGRI
PHARMACY

KEY BA

MW-OB

PROPOSED MEDICAL BUILDING (± 7,213 SF)

(# 3027) FAMILY DOLLAR

(# 3029) FMR. TOPS, FMR. ANTIQUE MALL

(# 3031) FMR. CVS PHARMACY

(# 3035) FMR. HAIR SALON & DRY CLEANER

(# 3037) FMR. PAINT SHOP

(# 3039) FMR. DRY CLEANER & FMR. INSTYLE RESTORING CO.

(# 3041) FMR. BANK & FMR. CREDIT UNION

NEW PORTE-COCHERE

NEW ADDITION

INDOOR AIR

OUTDOOR AIR

SUBSLAB VAPOR

SB-1 SB-2 SB-3 SB-4 SB-5

SV

BH1 TPMW1
BH2
BH3 TPMW10
BH4 TPMW3
BH5
BH6 TPMW4
BH7 TPMW5
BH8 TPMW6
BH9
BH10 TPMW7
BH11 TPMW8
BH12 TPMW9
BH13 TPMW10
BH14 TPMW11

MW-BR
MW-OB

MW-3A
MW-3B

Work Area

Pw-1

LEGEND:

	PROPERTY BOUNDARY
	PARCEL BOUNDARY
	EXISTING BUILDING (NO PLANNED DEVELOPMENT)
	PLANNED NEW REDEVELOPMENT
	PLANNED REDEVELOPMENT
SB-1	SOIL BORING (TURNKEY)
BH-10 TPMW-7	BORE HOLE / TEMPORARY WELL (TURNKEY)
BH-1	BORE HOLE (LCS)
BH6 TPMW4	BOREHOLE / TEMPORARY WELL (LCS)
SUB-1	AIR SAMPLE LOCATION (SUBSLAB VAPOR & OUTDOOR AIR)
SV-01	PLANNED SOIL VAPOR SAMPLE LOCATION (2)
SB	PLANNED RI SOIL BORING (18)
MW-OB	PLANNED RI OVERBURDEN MONITORING WELL (5)
MW-BR	PLANNED RI BEDROCK MONITORING WELL (3)

60' 0' 60' 120'

SCALE: 1 INCH = 60 FEET
SCALE IN FEET
(approximate)

AM + PM wind

DATE: JULY 2014
DRAFTED BY: BCH

BENCHMARK
ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TURNKEY ENVIRONMENTAL RESTORATION, LLC

2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599

JOB NO.: 0304-014-002

PROPOSED RI SAMPLE LOCATIONS

RI/IRM/AA WORK PLAN

3021 ORCHARD PARK ROAD SITE
ORCHARD PARK, NEW YORK

PREPARED FOR

3021-3041 ORCHARD PARK ROAD LLC

FIGURE 6

DISCLAIMER: PROPERTY OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC. & TURNKEY ENVIRONMENTAL RESTORATION, LLC IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. INFORMATION CONTAINED HEREON IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN NECESSARY SUBCONTRACTORS & SUPPLIERS WITHOUT THE WRITTEN CONSENT OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC & TURNKEY ENVIRONMENTAL RESTORATION, LLC.

Test 008

Instrument		Data Properties	
Model	SidePak Aerosol Monitor	Start Date	12/24/2014
Meter S/N	11106036	Start Time	08:13:06
		Stop Date	12/24/2014
		Stop Time	12:43:06
		Total Time	0:04:30:00
		Logging Interval	900 seconds

Statistics	
	Aerosol
Avg	0.002 mg/m^3
Max	0.004 mg/m^3
Max Date	12/24/2014
Max Time	10:13:06
Min	0.001 mg/m^3
Min Date	12/24/2014
Min Time	08:43:06
TWA (8 hr)	0.001
TWA Start Date	12/24/2014
TWA Start Time	08:13:06
TWA End Time	12:43:06

Test Data			
Data Point	**Date**	**Time**	**Aerosol mg/m^3**
1	12/24/2014	08:28:06	0.003
2	12/24/2014	08:43:06	0.001
3	12/24/2014	08:58:06	0.001
4	12/24/2014	09:13:06	0.001
5	12/24/2014	09:28:06	0.001
6	12/24/2014	09:43:06	0.003
7	12/24/2014	09:58:06	0.002
8	12/24/2014	10:13:06	0.004
9	12/24/2014	10:28:06	0.001
10	12/24/2014	10:43:06	0.002
11	12/24/2014	10:58:06	0.001
12	12/24/2014	11:13:06	0.001
13	12/24/2014	11:28:06	0.001
14	12/24/2014	11:43:06	0.001
15	12/24/2014	11:58:06	0.001
16	12/24/2014	12:13:06	0.001
17	12/24/2014	12:28:06	0.002
18	12/24/2014	12:43:06	0.002

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 012776
User ID: 00000001 Site ID: 00000449
Data Points: 280 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 12/19/2014 17:36
Start At: 12/24/2014 08:11 End At: 12/24/2014 12:50

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	100.0	100.0	100.0
Low Alarm Levels:	50.0	50.0	50.0
STEL Alarm Levels:	9025.0	9025.0	9025.0
TWA Alarm Levels:	10.0	10.0	10.0

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
Peak Data Value:	-----	0.0	0.2
Min Data Value:	-----	0.0	0.0
TWA Data Value:	-----	0.0	0.0
AVG Data Value:	-----	0.0	0.0

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 012776
User ID: 00000001 Site ID: 00000449
Data Points: 280 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 12/19/2014 17:36

Measurement Type:	Min(ppm)			Avg(ppm)			Max(ppm)		
Alarm Type:	STEL	TWA	AVG	STEL	TWA	AVG	STEL	TWA	AVG
Alarm Levels:	9025.0	10.0		9025.0	10.0		9025.0	10.0	

			Min(ppm)			Avg(ppm)			Max(ppm)		
Line#	Date	Time	STEL	TWA	AVG	STEL	TWA	AVG	STEL	TWA	AVG
1	12/24/2014	08:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
2	12/24/2014	08:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
3	12/24/2014	08:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
4	12/24/2014	08:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
5	12/24/2014	08:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
6	12/24/2014	08:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
7	12/24/2014	08:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
8	12/24/2014	08:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
9	12/24/2014	08:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
10	12/24/2014	08:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
11	12/24/2014	08:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
12	12/24/2014	08:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
13	12/24/2014	08:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
14	12/24/2014	08:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
15	12/24/2014	08:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
16	12/24/2014	08:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
17	12/24/2014	08:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
18	12/24/2014	08:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
19	12/24/2014	08:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
20	12/24/2014	08:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
21	12/24/2014	08:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
22	12/24/2014	08:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
23	12/24/2014	08:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
24	12/24/2014	08:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
25	12/24/2014	08:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
26	12/24/2014	08:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
27	12/24/2014	08:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
28	12/24/2014	08:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
29	12/24/2014	08:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
30	12/24/2014	08:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
31	12/24/2014	08:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
32	12/24/2014	08:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
33	12/24/2014	08:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
34	12/24/2014	08:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
35	12/24/2014	08:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
36	12/24/2014	08:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
37	12/24/2014	08:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
38	12/24/2014	08:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
39	12/24/2014	08:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
40	12/24/2014	08:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
41	12/24/2014	08:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
42	12/24/2014	08:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
43	12/24/2014	08:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
44	12/24/2014	08:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
45	12/24/2014	08:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
46	12/24/2014	08:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
47	12/24/2014	08:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
48	12/24/2014	08:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
49	12/24/2014	08:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
50	12/24/2014	09:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
51	12/24/2014	09:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
52	12/24/2014	09:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
53	12/24/2014	09:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
54	12/24/2014	09:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
55	12/24/2014	09:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

56	12/24/2014 09:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
57	12/24/2014 09:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
58	12/24/2014 09:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
59	12/24/2014 09:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
60	12/24/2014 09:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
61	12/24/2014 09:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
62	12/24/2014 09:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
63	12/24/2014 09:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
64	12/24/2014 09:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
65	12/24/2014 09:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
66	12/24/2014 09:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
67	12/24/2014 09:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
68	12/24/2014 09:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
69	12/24/2014 09:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
70	12/24/2014 09:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
71	12/24/2014 09:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
72	12/24/2014 09:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
73	12/24/2014 09:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
74	12/24/2014 09:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
75	12/24/2014 09:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
76	12/24/2014 09:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
77	12/24/2014 09:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
78	12/24/2014 09:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
79	12/24/2014 09:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
80	12/24/2014 09:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
81	12/24/2014 09:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
82	12/24/2014 09:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
83	12/24/2014 09:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
84	12/24/2014 09:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
85	12/24/2014 09:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
86	12/24/2014 09:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
87	12/24/2014 09:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
88	12/24/2014 09:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
89	12/24/2014 09:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
90	12/24/2014 09:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
91	12/24/2014 09:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
92	12/24/2014 09:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
93	12/24/2014 09:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
94	12/24/2014 09:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
95	12/24/2014 09:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
96	12/24/2014 09:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
97	12/24/2014 09:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
98	12/24/2014 09:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
99	12/24/2014 09:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
100	12/24/2014 09:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
101	12/24/2014 09:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
102	12/24/2014 09:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
103	12/24/2014 09:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
104	12/24/2014 09:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
105	12/24/2014 09:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
106	12/24/2014 09:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
107	12/24/2014 09:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
108	12/24/2014 09:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
109	12/24/2014 09:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
110	12/24/2014 10:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
111	12/24/2014 10:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
112	12/24/2014 10:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
113	12/24/2014 10:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
114	12/24/2014 10:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
115	12/24/2014 10:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
116	12/24/2014 10:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
117	12/24/2014 10:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
118	12/24/2014 10:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
119	12/24/2014 10:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
120	12/24/2014 10:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
121	12/24/2014 10:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
122	12/24/2014 10:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
123	12/24/2014 10:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

124	12/24/2014 10:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
125	12/24/2014 10:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
126	12/24/2014 10:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
127	12/24/2014 10:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
128	12/24/2014 10:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
129	12/24/2014 10:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
130	12/24/2014 10:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
131	12/24/2014 10:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
132	12/24/2014 10:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
133	12/24/2014 10:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
134	12/24/2014 10:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
135	12/24/2014 10:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
136	12/24/2014 10:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
137	12/24/2014 10:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
138	12/24/2014 10:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
139	12/24/2014 10:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
140	12/24/2014 10:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
141	12/24/2014 10:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
142	12/24/2014 10:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
143	12/24/2014 10:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
144	12/24/2014 10:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
145	12/24/2014 10:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
146	12/24/2014 10:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
147	12/24/2014 10:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
148	12/24/2014 10:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
149	12/24/2014 10:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
150	12/24/2014 10:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
151	12/24/2014 10:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
152	12/24/2014 10:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
153	12/24/2014 10:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
154	12/24/2014 10:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
155	12/24/2014 10:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
156	12/24/2014 10:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
157	12/24/2014 10:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
158	12/24/2014 10:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
159	12/24/2014 10:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
160	12/24/2014 10:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
161	12/24/2014 10:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
162	12/24/2014 10:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
163	12/24/2014 10:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
164	12/24/2014 10:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
165	12/24/2014 10:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
166	12/24/2014 10:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
167	12/24/2014 10:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
168	12/24/2014 10:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
169	12/24/2014 10:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
170	12/24/2014 11:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
171	12/24/2014 11:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
172	12/24/2014 11:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
173	12/24/2014 11:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
174	12/24/2014 11:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
175	12/24/2014 11:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
176	12/24/2014 11:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
177	12/24/2014 11:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
178	12/24/2014 11:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
179	12/24/2014 11:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
180	12/24/2014 11:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
181	12/24/2014 11:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
182	12/24/2014 11:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
183	12/24/2014 11:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
184	12/24/2014 11:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
185	12/24/2014 11:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
186	12/24/2014 11:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
187	12/24/2014 11:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
188	12/24/2014 11:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
189	12/24/2014 11:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
190	12/24/2014 11:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
191	12/24/2014 11:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

192	12/24/2014 11:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
193	12/24/2014 11:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
194	12/24/2014 11:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
195	12/24/2014 11:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
196	12/24/2014 11:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
197	12/24/2014 11:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
198	12/24/2014 11:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
199	12/24/2014 11:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
200	12/24/2014 11:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
201	12/24/2014 11:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
202	12/24/2014 11:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
203	12/24/2014 11:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
204	12/24/2014 11:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
205	12/24/2014 11:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
206	12/24/2014 11:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
207	12/24/2014 11:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
208	12/24/2014 11:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
209	12/24/2014 11:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
210	12/24/2014 11:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
211	12/24/2014 11:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
212	12/24/2014 11:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
213	12/24/2014 11:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
214	12/24/2014 11:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
215	12/24/2014 11:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
216	12/24/2014 11:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
217	12/24/2014 11:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
218	12/24/2014 11:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
219	12/24/2014 11:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
220	12/24/2014 11:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
221	12/24/2014 11:51	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
222	12/24/2014 11:52	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
223	12/24/2014 11:53	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
224	12/24/2014 11:54	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
225	12/24/2014 11:55	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
226	12/24/2014 11:56	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
227	12/24/2014 11:57	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
228	12/24/2014 11:58	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
229	12/24/2014 11:59	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
230	12/24/2014 12:00	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
231	12/24/2014 12:01	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
232	12/24/2014 12:02	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
233	12/24/2014 12:03	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
234	12/24/2014 12:04	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
235	12/24/2014 12:05	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
236	12/24/2014 12:06	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
237	12/24/2014 12:07	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
238	12/24/2014 12:08	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
239	12/24/2014 12:09	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
240	12/24/2014 12:10	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
241	12/24/2014 12:11	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
242	12/24/2014 12:12	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
243	12/24/2014 12:13	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
244	12/24/2014 12:14	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
245	12/24/2014 12:15	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
246	12/24/2014 12:16	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
247	12/24/2014 12:17	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
248	12/24/2014 12:18	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
249	12/24/2014 12:19	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
250	12/24/2014 12:20	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
251	12/24/2014 12:21	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
252	12/24/2014 12:22	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
253	12/24/2014 12:23	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
254	12/24/2014 12:24	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
255	12/24/2014 12:25	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
256	12/24/2014 12:26	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
257	12/24/2014 12:27	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
258	12/24/2014 12:28	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
259	12/24/2014 12:29	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

260	12/24/2014 12:30	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
261	12/24/2014 12:31	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
262	12/24/2014 12:32	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
263	12/24/2014 12:33	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
264	12/24/2014 12:34	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
265	12/24/2014 12:35	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
266	12/24/2014 12:36	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
267	12/24/2014 12:37	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
268	12/24/2014 12:38	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
269	12/24/2014 12:39	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
270	12/24/2014 12:40	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
271	12/24/2014 12:41	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
272	12/24/2014 12:42	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
273	12/24/2014 12:43	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
274	12/24/2014 12:44	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
275	12/24/2014 12:45	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
276	12/24/2014 12:46	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
277	12/24/2014 12:47	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
278	12/24/2014 12:48	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
279	12/24/2014 12:49	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0
280	12/24/2014 12:50	-----	-----	-----	0.0	0.0	0.0	0.0	0.0	0.0

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 012776
User ID: 00000001 Site ID: 00000449
Data Points: 280 Gas Name: Isobutylene Sample Period: 60 sec
Last Calibration Time: 12/19/2014 17:36

Measurement Type:	Min(ppm)	Avg(ppm)	Max(ppm)
High Alarm Levels:	100.0	100.0	100.0
Low Alarm Levels:	50.0	50.0	50.0

Line#	Date	Time	Min(ppm)	Avg(ppm)	Max(ppm)
1	12/24/2014	08:11	-----	0.0	0.0
2	12/24/2014	08:12	-----	0.0	0.0
3	12/24/2014	08:13	-----	0.0	0.0
4	12/24/2014	08:14	-----	0.0	0.0
5	12/24/2014	08:15	-----	0.0	0.0
6	12/24/2014	08:16	-----	0.0	0.0
7	12/24/2014	08:17	-----	0.0	0.0
8	12/24/2014	08:18	-----	0.0	0.0
9	12/24/2014	08:19	-----	0.0	0.0
10	12/24/2014	08:20	-----	0.0	0.0
11	12/24/2014	08:21	-----	0.0	0.0
12	12/24/2014	08:22	-----	0.0	0.0
13	12/24/2014	08:23	-----	0.0	0.0
14	12/24/2014	08:24	-----	0.0	0.0
15	12/24/2014	08:25	-----	0.0	0.0
16	12/24/2014	08:26	-----	0.0	0.0
17	12/24/2014	08:27	-----	0.0	0.0
18	12/24/2014	08:28	-----	0.0	0.0
19	12/24/2014	08:29	-----	0.0	0.0
20	12/24/2014	08:30	-----	0.0	0.0
21	12/24/2014	08:31	-----	0.0	0.0
22	12/24/2014	08:32	-----	0.0	0.0
23	12/24/2014	08:33	-----	0.0	0.0
24	12/24/2014	08:34	-----	0.0	0.0
25	12/24/2014	08:35	-----	0.0	0.0
26	12/24/2014	08:36	-----	0.0	0.0
27	12/24/2014	08:37	-----	0.0	0.0
28	12/24/2014	08:38	-----	0.0	0.0
29	12/24/2014	08:39	-----	0.0	0.0
30	12/24/2014	08:40	-----	0.0	0.0
31	12/24/2014	08:41	-----	0.0	0.0
32	12/24/2014	08:42	-----	0.0	0.0
33	12/24/2014	08:43	-----	0.0	0.0
34	12/24/2014	08:44	-----	0.0	0.0
35	12/24/2014	08:45	-----	0.0	0.0
36	12/24/2014	08:46	-----	0.0	0.0
37	12/24/2014	08:47	-----	0.0	0.0
38	12/24/2014	08:48	-----	0.0	0.0
39	12/24/2014	08:49	-----	0.0	0.0
40	12/24/2014	08:50	-----	0.0	0.0
41	12/24/2014	08:51	-----	0.0	0.0
42	12/24/2014	08:52	-----	0.0	0.0
43	12/24/2014	08:53	-----	0.0	0.0
44	12/24/2014	08:54	-----	0.0	0.0
45	12/24/2014	08:55	-----	0.0	0.0
46	12/24/2014	08:56	-----	0.0	0.0
47	12/24/2014	08:57	-----	0.0	0.0
48	12/24/2014	08:58	-----	0.0	0.0
49	12/24/2014	08:59	-----	0.0	0.0
50	12/24/2014	09:00	-----	0.0	0.0
51	12/24/2014	09:01	-----	0.0	0.0
52	12/24/2014	09:02	-----	0.0	0.0
53	12/24/2014	09:03	-----	0.0	0.0
54	12/24/2014	09:04	-----	0.0	0.0
55	12/24/2014	09:05	-----	0.0	0.0
56	12/24/2014	09:06	-----	0.0	0.0
57	12/24/2014	09:07	-----	0.0	0.0

58	12/24/2014 09:08	-----	0.0	0.0
59	12/24/2014 09:09	-----	0.0	0.0
60	12/24/2014 09:10	-----	0.0	0.0
61	12/24/2014 09:11	-----	0.0	0.0
62	12/24/2014 09:12	-----	0.0	0.0
63	12/24/2014 09:13	-----	0.0	0.0
64	12/24/2014 09:14	-----	0.0	0.0
65	12/24/2014 09:15	-----	0.0	0.0
66	12/24/2014 09:16	-----	0.0	0.0
67	12/24/2014 09:17	-----	0.0	0.0
68	12/24/2014 09:18	-----	0.0	0.0
69	12/24/2014 09:19	-----	0.0	0.0
70	12/24/2014 09:20	-----	0.0	0.0
71	12/24/2014 09:21	-----	0.0	0.0
72	12/24/2014 09:22	-----	0.0	0.0
73	12/24/2014 09:23	-----	0.0	0.0
74	12/24/2014 09:24	-----	0.0	0.0
75	12/24/2014 09:25	-----	0.0	0.0
76	12/24/2014 09:26	-----	0.0	0.0
77	12/24/2014 09:27	-----	0.0	0.0
78	12/24/2014 09:28	-----	0.0	0.0
79	12/24/2014 09:29	-----	0.0	0.0
80	12/24/2014 09:30	-----	0.0	0.0
81	12/24/2014 09:31	-----	0.0	0.0
82	12/24/2014 09:32	-----	0.0	0.0
83	12/24/2014 09:33	-----	0.0	0.0
84	12/24/2014 09:34	-----	0.0	0.0
85	12/24/2014 09:35	-----	0.0	0.0
86	12/24/2014 09:36	-----	0.0	0.0
87	12/24/2014 09:37	-----	0.0	0.0
88	12/24/2014 09:38	-----	0.0	0.0
89	12/24/2014 09:39	-----	0.0	0.0
90	12/24/2014 09:40	-----	0.0	0.0
91	12/24/2014 09:41	-----	0.0	0.0
92	12/24/2014 09:42	-----	0.0	0.0
93	12/24/2014 09:43	-----	0.0	0.0
94	12/24/2014 09:44	-----	0.0	0.0
95	12/24/2014 09:45	-----	0.0	0.0
96	12/24/2014 09:46	-----	0.0	0.0
97	12/24/2014 09:47	-----	0.0	0.0
98	12/24/2014 09:48	-----	0.0	0.0
99	12/24/2014 09:49	-----	0.0	0.0
100	12/24/2014 09:50	-----	0.0	0.0
101	12/24/2014 09:51	-----	0.0	0.0
102	12/24/2014 09:52	-----	0.0	0.0
103	12/24/2014 09:53	-----	0.0	0.0
104	12/24/2014 09:54	-----	0.0	0.0
105	12/24/2014 09:55	-----	0.0	0.0
106	12/24/2014 09:56	-----	0.0	0.0
107	12/24/2014 09:57	-----	0.0	0.0
108	12/24/2014 09:58	-----	0.0	0.0
109	12/24/2014 09:59	-----	0.0	0.0
110	12/24/2014 10:00	-----	0.0	0.0
111	12/24/2014 10:01	-----	0.0	0.0
112	12/24/2014 10:02	-----	0.0	0.0
113	12/24/2014 10:03	-----	0.0	0.0
114	12/24/2014 10:04	-----	0.0	0.0
115	12/24/2014 10:05	-----	0.0	0.0
116	12/24/2014 10:06	-----	0.0	0.0
117	12/24/2014 10:07	-----	0.0	0.0
118	12/24/2014 10:08	-----	0.0	0.0
119	12/24/2014 10:09	-----	0.0	0.0
120	12/24/2014 10:10	-----	0.0	0.0
121	12/24/2014 10:11	-----	0.0	0.0
122	12/24/2014 10:12	-----	0.0	0.0
123	12/24/2014 10:13	-----	0.0	0.0
124	12/24/2014 10:14	-----	0.0	0.0
125	12/24/2014 10:15	-----	0.0	0.0

126	12/24/2014 10:16	-----	0.0	0.0
127	12/24/2014 10:17	-----	0.0	0.0
128	12/24/2014 10:18	-----	0.0	0.0
129	12/24/2014 10:19	-----	0.0	0.0
130	12/24/2014 10:20	-----	0.0	0.0
131	12/24/2014 10:21	-----	0.0	0.0
132	12/24/2014 10:22	-----	0.0	0.0
133	12/24/2014 10:23	-----	0.0	0.0
134	12/24/2014 10:24	-----	0.0	0.0
135	12/24/2014 10:25	-----	0.0	0.0
136	12/24/2014 10:26	-----	0.0	0.0
137	12/24/2014 10:27	-----	0.0	0.0
138	12/24/2014 10:28	-----	0.0	0.0
139	12/24/2014 10:29	-----	0.0	0.0
140	12/24/2014 10:30	-----	0.0	0.0
141	12/24/2014 10:31	-----	0.0	0.0
142	12/24/2014 10:32	-----	0.0	0.0
143	12/24/2014 10:33	-----	0.0	0.0
144	12/24/2014 10:34	-----	0.0	0.0
145	12/24/2014 10:35	-----	0.0	0.0
146	12/24/2014 10:36	-----	0.0	0.0
147	12/24/2014 10:37	-----	0.0	0.0
148	12/24/2014 10:38	-----	0.0	0.0
149	12/24/2014 10:39	-----	0.0	0.0
150	12/24/2014 10:40	-----	0.0	0.0
151	12/24/2014 10:41	-----	0.0	0.0
152	12/24/2014 10:42	-----	0.0	0.0
153	12/24/2014 10:43	-----	0.0	0.0
154	12/24/2014 10:44	-----	0.0	0.0
155	12/24/2014 10:45	-----	0.0	0.0
156	12/24/2014 10:46	-----	0.0	0.0
157	12/24/2014 10:47	-----	0.0	0.0
158	12/24/2014 10:48	-----	0.0	0.0
159	12/24/2014 10:49	-----	0.0	0.0
160	12/24/2014 10:50	-----	0.0	0.0
161	12/24/2014 10:51	-----	0.0	0.0
162	12/24/2014 10:52	-----	0.0	0.0
163	12/24/2014 10:53	-----	0.0	0.0
164	12/24/2014 10:54	-----	0.0	0.0
165	12/24/2014 10:55	-----	0.0	0.0
166	12/24/2014 10:56	-----	0.0	0.0
167	12/24/2014 10:57	-----	0.0	0.0
168	12/24/2014 10:58	-----	0.0	0.0
169	12/24/2014 10:59	-----	0.0	0.0
170	12/24/2014 11:00	-----	0.0	0.0
171	12/24/2014 11:01	-----	0.0	0.0
172	12/24/2014 11:02	-----	0.0	0.0
173	12/24/2014 11:03	-----	0.0	0.0
174	12/24/2014 11:04	-----	0.0	0.0
175	12/24/2014 11:05	-----	0.0	0.0
176	12/24/2014 11:06	-----	0.0	0.0
177	12/24/2014 11:07	-----	0.0	0.0
178	12/24/2014 11:08	-----	0.0	0.0
179	12/24/2014 11:09	-----	0.0	0.0
180	12/24/2014 11:10	-----	0.0	0.0
181	12/24/2014 11:11	-----	0.0	0.0
182	12/24/2014 11:12	-----	0.0	0.0
183	12/24/2014 11:13	-----	0.0	0.0
184	12/24/2014 11:14	-----	0.0	0.0
185	12/24/2014 11:15	-----	0.0	0.0
186	12/24/2014 11:16	-----	0.0	0.0
187	12/24/2014 11:17	-----	0.0	0.0
188	12/24/2014 11:18	-----	0.0	0.0
189	12/24/2014 11:19	-----	0.0	0.0
190	12/24/2014 11:20	-----	0.0	0.0
191	12/24/2014 11:21	-----	0.0	0.0
192	12/24/2014 11:22	-----	0.0	0.0
193	12/24/2014 11:23	-----	0.0	0.0

194	12/24/2014 11:24	-----	0.0	0.0
195	12/24/2014 11:25	-----	0.0	0.0
196	12/24/2014 11:26	-----	0.0	0.0
197	12/24/2014 11:27	-----	0.0	0.0
198	12/24/2014 11:28	-----	0.0	0.0
199	12/24/2014 11:29	-----	0.0	0.0
200	12/24/2014 11:30	-----	0.0	0.0
201	12/24/2014 11:31	-----	0.0	0.0
202	12/24/2014 11:32	-----	0.0	0.0
203	12/24/2014 11:33	-----	0.0	0.0
204	12/24/2014 11:34	-----	0.0	0.0
205	12/24/2014 11:35	-----	0.0	0.0
206	12/24/2014 11:36	-----	0.0	0.0
207	12/24/2014 11:37	-----	0.0	0.0
208	12/24/2014 11:38	-----	0.0	0.0
209	12/24/2014 11:39	-----	0.0	0.0
210	12/24/2014 11:40	-----	0.0	0.0
211	12/24/2014 11:41	-----	0.0	0.0
212	12/24/2014 11:42	-----	0.0	0.0
213	12/24/2014 11:43	-----	0.0	0.0
214	12/24/2014 11:44	-----	0.0	0.0
215	12/24/2014 11:45	-----	0.0	0.0
216	12/24/2014 11:46	-----	0.0	0.0
217	12/24/2014 11:47	-----	0.0	0.0
218	12/24/2014 11:48	-----	0.0	0.0
219	12/24/2014 11:49	-----	0.0	0.0
220	12/24/2014 11:50	-----	0.0	0.0
221	12/24/2014 11:51	-----	0.0	0.0
222	12/24/2014 11:52	-----	0.0	0.0
223	12/24/2014 11:53	-----	0.0	0.0
224	12/24/2014 11:54	-----	0.0	0.0
225	12/24/2014 11:55	-----	0.0	0.0
226	12/24/2014 11:56	-----	0.0	0.0
227	12/24/2014 11:57	-----	0.0	0.0
228	12/24/2014 11:58	-----	0.0	0.0
229	12/24/2014 11:59	-----	0.0	0.0
230	12/24/2014 12:00	-----	0.0	0.0
231	12/24/2014 12:01	-----	0.0	0.0
232	12/24/2014 12:02	-----	0.0	0.0
233	12/24/2014 12:03	-----	0.0	0.0
234	12/24/2014 12:04	-----	0.0	0.0
235	12/24/2014 12:05	-----	0.0	0.0
236	12/24/2014 12:06	-----	0.0	0.0
237	12/24/2014 12:07	-----	0.0	0.0
238	12/24/2014 12:08	-----	0.0	0.0
239	12/24/2014 12:09	-----	0.0	0.0
240	12/24/2014 12:10	-----	0.0	0.0
241	12/24/2014 12:11	-----	0.0	0.0
242	12/24/2014 12:12	-----	0.0	0.0
243	12/24/2014 12:13	-----	0.0	0.0
244	12/24/2014 12:14	-----	0.0	0.0
245	12/24/2014 12:15	-----	0.0	0.0
246	12/24/2014 12:16	-----	0.0	0.0
247	12/24/2014 12:17	-----	0.0	0.0
248	12/24/2014 12:18	-----	0.0	0.0
249	12/24/2014 12:19	-----	0.0	0.1
250	12/24/2014 12:20	-----	0.0	0.2
251	12/24/2014 12:21	-----	0.0	0.1
252	12/24/2014 12:22	-----	0.0	0.0
253	12/24/2014 12:23	-----	0.0	0.0
254	12/24/2014 12:24	-----	0.0	0.0
255	12/24/2014 12:25	-----	0.0	0.0
256	12/24/2014 12:26	-----	0.0	0.0
257	12/24/2014 12:27	-----	0.0	0.0
258	12/24/2014 12:28	-----	0.0	0.0
259	12/24/2014 12:29	-----	0.0	0.0
260	12/24/2014 12:30	-----	0.0	0.0
261	12/24/2014 12:31	-----	0.0	0.0

262	12/24/2014 12:32	-----	0.0	0.0
263	12/24/2014 12:33	-----	0.0	0.0
264	12/24/2014 12:34	-----	0.0	0.0
265	12/24/2014 12:35	-----	0.0	0.0
266	12/24/2014 12:36	-----	0.0	0.0
267	12/24/2014 12:37	-----	0.0	0.0
268	12/24/2014 12:38	-----	0.0	0.0
269	12/24/2014 12:39	-----	0.0	0.0
270	12/24/2014 12:40	-----	0.0	0.0
271	12/24/2014 12:41	-----	0.0	0.0
272	12/24/2014 12:42	-----	0.0	0.0
273	12/24/2014 12:43	-----	0.0	0.0
274	12/24/2014 12:44	-----	0.0	0.0
275	12/24/2014 12:45	-----	0.0	0.0
276	12/24/2014 12:46	-----	0.0	0.0
277	12/24/2014 12:47	-----	0.0	0.0
278	12/24/2014 12:48	-----	0.0	0.0
279	12/24/2014 12:49	-----	0.0	0.0
280	12/24/2014 12:50	-----	0.0	0.0

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

COMMUNITY AIR MONITORING DAILY LOG

Date: 12/29/2014 Mon
Project: 3021 OP Road
Job No.: 0304-014-003
Client: 3021- 3041 Orchard Park Rd LLC

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map): Next to bank and behind building along fence at property boundary

DESCRIPTION OF SITE ACTIVITIES: Installation of overburden monitoring wells MW-34 and MW-24

WEATHER CONDITIONS:

Time of Day:	A.M.	P.M.
Ambient Air Temp.:	25.2° F	28.0 °F
Wind Direction:	West	NNE
Wind Speed:	3.5 mph	@ 5.8 MPH
Precipitation:	None	Light Snow

PARTICULATE MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 100 ug/m3 [1]			—		
					Dust METER Did not Record any Data
Exceedence of 150 ug/m3 [1]			—		
Visual Observation of Fugitive Dust			NA		
			NA		
			NA		

VOC MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 5 ppm [1]			NONE		Temporarily halt Work and continue monitoring
Reading of 5 to 25 ppm [1]			NONE		Temporarily halt Work, abate emissions with corrective actions and continue monitoring [3]
Exceedence of 25 ppm [2]			NONE		Shut Down Work Immediately and notify Site Safety & Health Officer

1. Above background for 15 minute moving average.
2. Above background at Site perimeter (indicate location on attached sketch)
3. Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whicever is less) is below 5 ppm for 15 min.

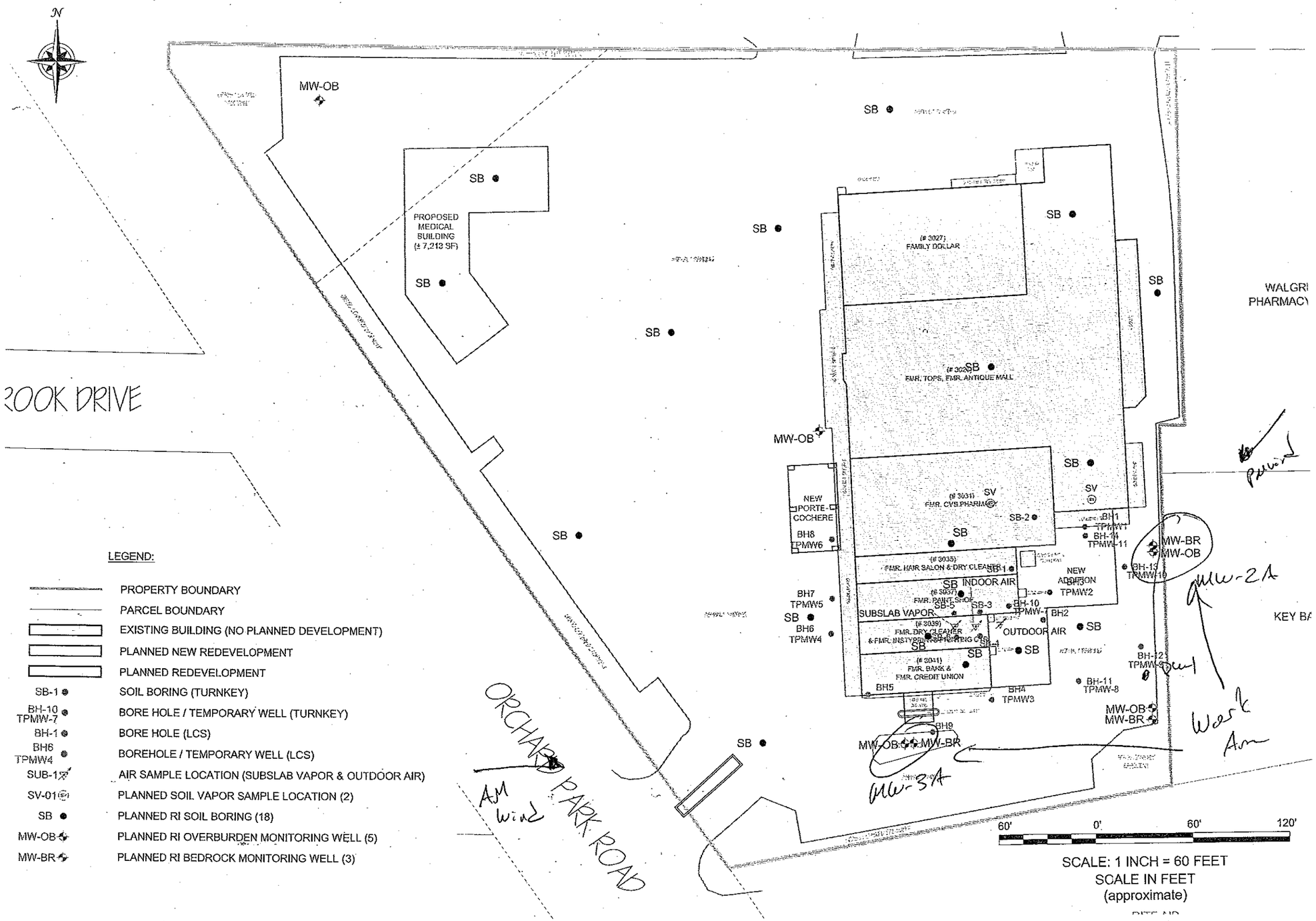
NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: Josh Robinson Date: 12/29/14
Checked By: Date:

F:\CAD\TurnKey\3021-3041 Orchard Park Road\04 - RI-IRM-AA Work Plan\Figure 6; Proposed RI Sample Locations.dwg

12/29/14 mon

MICHAEL ROAD



LEGEND:

- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- EXISTING BUILDING (NO PLANNED DEVELOPMENT)
- PLANNED NEW REDEVELOPMENT
- PLANNED REDEVELOPMENT
- SB-1 — SOIL BORING (TURNKEY)
- BH-10 / TPMW-7 — BORE HOLE / TEMPORARY WELL (TURNKEY)
- BH-1 — BORE HOLE (LCS)
- BH6 / TPMW4 — BOREHOLE / TEMPORARY WELL (LCS)
- SUB-1 — AIR SAMPLE LOCATION (SUBSLAB VAPOR & OUTDOOR AIR)
- SV-01 — PLANNED SOIL VAPOR SAMPLE LOCATION (2)
- SB — PLANNED RI SOIL BORING (18)
- MW-OB — PLANNED RI OVERBURDEN MONITORING WELL (5)
- MW-BR — PLANNED RI BEDROCK MONITORING WELL (3)

DATE: JULY 2014
DRAFTED BY: BCH

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599

TURNKEY ENVIRONMENTAL RESTORATION, LLC

JOB NO.: 0304-014-002

PROPOSED RI SAMPLE LOCATIONS

RI/IRM/AA WORK PLAN

3021 ORCHARD PARK ROAD SITE
ORCHARD PARK, NEW YORK

PREPARED FOR
3021-3041 ORCHARD PARK ROAD LLC

FIGURE 6

DISCLAIMER: PROPERTY OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC. & TURNKEY ENVIRONMENTAL RESTORATION, LLC IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. INFORMATION CONTAINED HEREON IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN NECESSARY SUBCONTRACTORS & SUPPLIERS WITHOUT THE WRITTEN CONSENT OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC & TURNKEY ENVIRONMENTAL RESTORATION, LLC.

Event data log export

==========Event #1 information (begin)==========

[Event #1 name:]--[Event #1]2014-12-29 08:43<-->2014-12-29 14:30
[Event start time:]--2014-12-29 08:43:43[Event end time:]--2014-12-29 14:30:43

==========Event #1 head information==========

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905528
Data Points: 347 Sample Period: 60 s Datalog Mode: Manual
SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

Sensor Information : PID(ppm)
Alarm Type : TWA STEL AVG
Alarm Levels : 4.348 10.869 ---

==========Event #1 data informations==========

LINE#	Date/Time	PID(ppm)		
		TWA	STEL	AVG
1	12/29/2014 8:44	0	0.005	0.074
2	12/29/2014 8:45	0	0.011	0.085
3	12/29/2014 8:46	0.001	0.019	0.097
4	12/29/2014 8:47	0.001	0.029	0.108
5	12/29/2014 8:48	0.001	0.039	0.118
6	12/29/2014 8:49	0.002	0.051	0.127
7	12/29/2014 8:50	0.002	0.064	0.137
8	12/29/2014 8:51	0.002	0.078	0.147
9	12/29/2014 8:52	0.003	0.093	0.155
10	12/29/2014 8:53	0.003	0.109	0.163
11	12/29/2014 8:54	0.004	0.125	0.171
12	12/29/2014 8:55	0.004	0.143	0.179
13	12/29/2014 8:56	0.005	0.161	0.186
14	12/29/2014 8:57	0.006	0.18	0.193
15	12/29/2014 8:58	0.006	0.198	0.198
16	12/29/2014 8:59	0.007	0.217	0.204
17	12/29/2014 9:00	0.007	0.232	0.209
18	12/29/2014 9:01	0.008	0.245	0.214
19	12/29/2014 9:02	0.009	0.258	0.219
20	12/29/2014 9:03	0.009	0.269	0.224
21	12/29/2014 9:04	0.01	0.28	0.228
22	12/29/2014 9:05	0.011	0.29	0.232
23	12/29/2014 9:06	0.011	0.299	0.236
24	12/29/2014 9:07	0.012	0.307	0.241
25	12/29/2014 9:08	0.013	0.315	0.245
26	12/29/2014 9:09	0.013	0.322	0.249
27	12/29/2014 9:10	0.014	0.329	0.252
28	12/29/2014 9:11	0.015	0.335	0.256
29	12/29/2014 9:12	0.016	0.34	0.259
30	12/29/2014 9:13	0.016	0.346	0.263
31	12/29/2014 9:14	0.017	0.352	0.266
32	12/29/2014 9:15	0.018	0.357	0.269
33	12/29/2014 9:16	0.019	0.363	0.273
34	12/29/2014 9:17	0.02	0.368	0.276
35	12/29/2014 9:18	0.02	0.373	0.279
36	12/29/2014 9:19	0.021	0.378	0.282
37	12/29/2014 9:20	0.022	0.382	0.284
38	12/29/2014 9:21	0.023	0.387	0.287

39	12/29/2014 9:22	0.024	0.391	0.29
40	12/29/2014 9:23	0.024	0.395	0.293
41	12/29/2014 9:24	0.025	0.399	0.295
42	12/29/2014 9:25	0.026	0.403	0.298
43	12/29/2014 9:26	0.027	0.407	0.3
44	12/29/2014 9:27	0.028	0.41	0.303
45	12/29/2014 9:28	0.029	0.414	0.305
46	12/29/2014 9:29	0.029	0.417	0.307
47	12/29/2014 9:30	0.03	0.42	0.309
48	12/29/2014 9:31	0.031	0.422	0.312
49	12/29/2014 9:32	0.032	0.425	0.314
50	12/29/2014 9:33	0.033	0.427	0.316
51	12/29/2014 9:34	0.034	0.429	0.318
52	12/29/2014 9:35	0.035	0.431	0.319
53	12/29/2014 9:36	0.035	0.434	0.321
54	12/29/2014 9:37	0.036	0.436	0.323
55	12/29/2014 9:38	0.037	0.438	0.325
56	12/29/2014 9:39	0.038	0.44	0.327
57	12/29/2014 9:40	0.039	0.441	0.329
58	12/29/2014 9:41	0.04	0.443	0.33
59	12/29/2014 9:42	0.041	0.444	0.332
60	12/29/2014 9:43	0.042	0.446	0.333
61	12/29/2014 9:44	0.043	0.447	0.335
62	12/29/2014 9:45	0.043	0.448	0.336
63	12/29/2014 9:46	0.044	0.45	0.338
64	12/29/2014 9:47	0.045	0.451	0.339
65	12/29/2014 9:48	0.046	0.452	0.341
66	12/29/2014 9:49	0.047	0.454	0.342
67	12/29/2014 9:50	0.048	0.456	0.344
68	12/29/2014 9:51	0.049	0.457	0.345
69	12/29/2014 9:52	0.05	0.459	0.347
70	12/29/2014 9:53	0.051	0.46	0.348
71	12/29/2014 9:54	0.052	0.461	0.349
72	12/29/2014 9:55	0.053	0.462	0.351
73	12/29/2014 9:56	0.054	0.464	0.352
74	12/29/2014 9:57	0.054	0.465	0.353
75	12/29/2014 9:58	0.055	0.467	0.354
76	12/29/2014 9:59	0.056	0.467	0.355
77	12/29/2014 10:00	0.057	0.468	0.357
78	12/29/2014 10:01	0.058	0.47	0.358
79	12/29/2014 10:02	0.059	0.471	0.359
80	12/29/2014 10:03	0.06	0.472	0.36
81	12/29/2014 10:04	0.061	0.473	0.361
82	12/29/2014 10:05	0.062	0.474	0.362
83	12/29/2014 10:06	0.063	0.475	0.363
84	12/29/2014 10:07	0.064	0.475	0.364
85	12/29/2014 10:08	0.065	0.476	0.365
86	12/29/2014 10:09	0.066	0.476	0.366
87	12/29/2014 10:10	0.067	0.477	0.367
88	12/29/2014 10:11	0.067	0.477	0.368
89	12/29/2014 10:12	0.068	0.478	0.369
90	12/29/2014 10:13	0.069	0.478	0.37
91	12/29/2014 10:14	0.07	0.478	0.371
92	12/29/2014 10:15	0.071	0.48	0.372
93	12/29/2014 10:16	0.072	0.481	0.373

94	12/29/2014 10:17	0.073	0.481	0.374
95	12/29/2014 10:18	0.074	0.482	0.375
96	12/29/2014 10:19	0.075	0.483	0.375
97	12/29/2014 10:20	0.076	0.484	0.376
98	12/29/2014 10:21	0.077	0.486	0.377
99	12/29/2014 10:22	0.078	0.487	0.378
100	12/29/2014 10:23	0.079	0.488	0.379
101	12/29/2014 10:24	0.08	0.489	0.38
102	12/29/2014 10:25	0.081	0.49	0.381
103	12/29/2014 10:26	0.082	0.49	0.382
104	12/29/2014 10:27	0.083	0.491	0.382
105	12/29/2014 10:28	0.084	0.491	0.383
106	12/29/2014 10:29	0.085	0.492	0.384
107	12/29/2014 10:30	0.086	0.493	0.384
108	12/29/2014 10:31	0.087	0.493	0.385
109	12/29/2014 10:32	0.088	0.494	0.386
110	12/29/2014 10:33	0.089	0.494	0.387
111	12/29/2014 10:34	0.09	0.494	0.387
112	12/29/2014 10:35	0.091	0.494	0.388
113	12/29/2014 10:36	0.091	0.494	0.389
114	12/29/2014 10:37	0.092	0.493	0.389
115	12/29/2014 10:38	0.093	0.492	0.39
116	12/29/2014 10:39	0.094	0.493	0.391
117	12/29/2014 10:40	0.095	0.492	0.391
118	12/29/2014 10:41	0.096	0.492	0.392
119	12/29/2014 10:42	0.097	0.492	0.392
120	12/29/2014 10:43	0.098	0.492	0.393
121	12/29/2014 10:44	0.099	0.492	0.393
122	12/29/2014 10:45	0.1	0.493	0.394
123	12/29/2014 10:46	0.101	0.493	0.395
124	12/29/2014 10:47	0.102	0.493	0.395
125	12/29/2014 10:48	0.103	0.495	0.396
126	12/29/2014 10:49	0.104	0.496	0.397
127	12/29/2014 10:50	0.105	0.499	0.397
128	12/29/2014 10:51	0.106	0.502	0.398
129	12/29/2014 10:52	0.107	0.501	0.399
130	12/29/2014 10:53	0.108	0.5	0.399
131	12/29/2014 10:54	0.109	0.5	0.399
132	12/29/2014 10:55	0.11	0.499	0.4
133	12/29/2014 10:56	0.111	0.498	0.4
134	12/29/2014 10:57	0.112	0.498	0.401
135	12/29/2014 10:58	0.113	0.497	0.401
136	12/29/2014 10:59	0.114	0.497	0.401
137	12/29/2014 11:00	0.115	0.496	0.402
138	12/29/2014 11:01	0.116	0.495	0.402
139	12/29/2014 11:02	0.117	0.495	0.403
140	12/29/2014 11:03	0.118	0.494	0.403
141	12/29/2014 11:04	0.118	0.49	0.403
142	12/29/2014 11:05	0.119	0.489	0.404
143	12/29/2014 11:06	0.12	0.485	0.404
144	12/29/2014 11:07	0.121	0.482	0.404
145	12/29/2014 11:08	0.122	0.481	0.404
146	12/29/2014 11:09	0.123	0.481	0.405
147	12/29/2014 11:10	0.124	0.481	0.405
148	12/29/2014 11:11	0.125	0.481	0.405

149	12/29/2014 11:12	0.126	0.48	0.406
150	12/29/2014 11:13	0.127	0.479	0.406
151	12/29/2014 11:14	0.128	0.479	0.406
152	12/29/2014 11:15	0.129	0.478	0.406
153	12/29/2014 11:16	0.13	0.478	0.407
154	12/29/2014 11:17	0.131	0.478	0.407
155	12/29/2014 11:18	0.131	0.477	0.407
156	12/29/2014 11:19	0.132	0.477	0.407
157	12/29/2014 11:20	0.133	0.477	0.408
158	12/29/2014 11:21	0.134	0.477	0.408
159	12/29/2014 11:22	0.135	0.476	0.408
160	12/29/2014 11:23	0.136	0.476	0.408
161	12/29/2014 11:24	0.137	0.476	0.409
162	12/29/2014 11:25	0.138	0.476	0.409
163	12/29/2014 11:26	0.139	0.476	0.409
164	12/29/2014 11:27	0.14	0.476	0.409
165	12/29/2014 11:28	0.141	0.477	0.41
166	12/29/2014 11:29	0.142	0.477	0.41
167	12/29/2014 11:30	0.143	0.478	0.41
168	12/29/2014 11:31	0.144	0.482	0.411
169	12/29/2014 11:32	0.145	0.486	0.411
170	12/29/2014 11:33	0.146	0.487	0.412
171	12/29/2014 11:34	0.147	0.487	0.412
172	12/29/2014 11:35	0.148	0.487	0.412
173	12/29/2014 11:36	0.149	0.487	0.412
174	12/29/2014 11:37	0.15	0.488	0.412
175	12/29/2014 11:38	0.15	0.488	0.413
176	12/29/2014 11:39	0.151	0.488	0.413
177	12/29/2014 11:40	0.152	0.489	0.413
178	12/29/2014 11:41	0.153	0.49	0.413
179	12/29/2014 11:42	0.154	0.492	0.414
180	12/29/2014 11:43	0.155	0.493	0.414
181	12/29/2014 11:44	0.156	0.495	0.414
182	12/29/2014 11:45	0.157	0.498	0.415
183	12/29/2014 11:46	0.158	0.5	0.415
184	12/29/2014 11:47	0.159	0.497	0.416
185	12/29/2014 11:48	0.16	0.494	0.416
186	12/29/2014 11:49	0.161	0.494	0.416
187	12/29/2014 11:50	0.162	0.495	0.416
188	12/29/2014 11:51	0.163	0.495	0.416
189	12/29/2014 11:52	0.164	0.496	0.417
190	12/29/2014 11:53	0.165	0.497	0.417
191	12/29/2014 11:54	0.166	0.498	0.417
192	12/29/2014 11:55	0.167	0.498	0.417
193	12/29/2014 11:56	0.168	0.499	0.418
194	12/29/2014 11:57	0.169	0.498	0.418
195	12/29/2014 11:58	0.17	0.498	0.418
196	12/29/2014 11:59	0.171	0.497	0.418
197	12/29/2014 12:00	0.172	0.497	0.419
198	12/29/2014 12:01	0.173	0.494	0.419
199	12/29/2014 12:02	0.174	0.493	0.419
200	12/29/2014 12:03	0.175	0.493	0.419
201	12/29/2014 12:04	0.176	0.494	0.42
202	12/29/2014 12:05	0.177	0.495	0.42
203	12/29/2014 12:06	0.178	0.495	0.42

204	12/29/2014 12:07	0.179	0.496	0.42
205	12/29/2014 12:08	0.18	0.496	0.42
206	12/29/2014 12:09	0.181	0.496	0.421
207	12/29/2014 12:10	0.182	0.497	0.421
208	12/29/2014 12:11	0.182	0.497	0.421
209	12/29/2014 12:12	0.183	0.497	0.421
210	12/29/2014 12:13	0.184	0.497	0.422
211	12/29/2014 12:14	0.185	0.498	0.422
212	12/29/2014 12:15	0.186	0.498	0.422
213	12/29/2014 12:16	0.187	0.499	0.422
214	12/29/2014 12:17	0.188	0.499	0.422
215	12/29/2014 12:18	0.189	0.5	0.423
216	12/29/2014 12:19	0.19	0.5	0.423
217	12/29/2014 12:20	0.191	0.501	0.423
218	12/29/2014 12:21	0.192	0.501	0.423
219	12/29/2014 12:22	0.193	0.502	0.424
220	12/29/2014 12:23	0.194	0.503	0.424
221	12/29/2014 12:24	0.197	0.553	0.428
222	12/29/2014 12:25	0.199	0.576	0.429
223	12/29/2014 12:26	0.2	0.583	0.43
224	12/29/2014 12:27	0.201	0.589	0.43
225	12/29/2014 12:28	0.202	0.589	0.431
226	12/29/2014 12:29	0.203	0.602	0.432
227	12/29/2014 12:30	0.205	0.615	0.433
228	12/29/2014 12:31	0.206	0.636	0.434
229	12/29/2014 12:32	0.208	0.649	0.435
230	12/29/2014 12:33	0.209	0.65	0.436
231	12/29/2014 12:34	0.21	0.654	0.436
232	12/29/2014 12:35	0.211	0.661	0.437
233	12/29/2014 12:36	0.212	0.662	0.437
234	12/29/2014 12:37	0.213	0.661	0.437
235	12/29/2014 12:38	0.214	0.664	0.437
236	12/29/2014 12:39	0.216	0.678	0.438
237	12/29/2014 12:40	0.217	0.637	0.439
238	12/29/2014 12:41	0.218	0.618	0.439
239	12/29/2014 12:42	0.219	0.611	0.44
240	12/29/2014 12:43	0.22	0.615	0.44
241	12/29/2014 12:44	0.222	0.63	0.441
242	12/29/2014 12:45	0.223	0.622	0.442
243	12/29/2014 12:46	0.224	0.609	0.442
244	12/29/2014 12:47	0.225	0.587	0.442
245	12/29/2014 12:48	0.226	0.573	0.442
246	12/29/2014 12:49	0.227	0.571	0.442
247	12/29/2014 12:50	0.227	0.566	0.442
248	12/29/2014 12:51	0.228	0.559	0.442
249	12/29/2014 12:52	0.229	0.557	0.442
250	12/29/2014 12:53	0.23	0.558	0.442
251	12/29/2014 12:54	0.231	0.554	0.442
252	12/29/2014 12:55	0.232	0.539	0.443
253	12/29/2014 12:56	0.233	0.532	0.443
254	12/29/2014 12:57	0.234	0.528	0.443
255	12/29/2014 12:58	0.235	0.526	0.443
256	12/29/2014 12:59	0.236	0.516	0.443
257	12/29/2014 13:00	0.237	0.499	0.443
258	12/29/2014 13:01	0.238	0.491	0.443

259	12/29/2014 13:02	0.239	0.491	0.443
260	12/29/2014 13:03	0.24	0.491	0.443
261	12/29/2014 13:04	0.241	0.494	0.443
262	12/29/2014 13:05	0.242	0.494	0.443
263	12/29/2014 13:06	0.243	0.491	0.443
264	12/29/2014 13:07	0.244	0.49	0.443
265	12/29/2014 13:08	0.245	0.489	0.443
266	12/29/2014 13:09	0.246	0.487	0.443
267	12/29/2014 13:10	0.247	0.485	0.443
268	12/29/2014 13:11	0.247	0.484	0.443
269	12/29/2014 13:12	0.248	0.482	0.443
270	12/29/2014 13:13	0.249	0.479	0.443
271	12/29/2014 13:14	0.25	0.479	0.443
272	12/29/2014 13:15	0.251	0.479	0.443
273	12/29/2014 13:16	0.252	0.48	0.443
274	12/29/2014 13:17	0.253	0.481	0.443
275	12/29/2014 13:18	0.254	0.483	0.443
276	12/29/2014 13:19	0.255	0.484	0.444
277	12/29/2014 13:20	0.256	0.479	0.444
278	12/29/2014 13:21	0.257	0.479	0.444
279	12/29/2014 13:22	0.258	0.482	0.444
280	12/29/2014 13:23	0.259	0.483	0.444
281	12/29/2014 13:24	0.26	0.485	0.444
282	12/29/2014 13:25	0.261	0.486	0.444
283	12/29/2014 13:26	0.262	0.488	0.444
284	12/29/2014 13:27	0.263	0.491	0.444
285	12/29/2014 13:28	0.264	0.493	0.444
286	12/29/2014 13:29	0.265	0.496	0.444
287	12/29/2014 13:30	0.266	0.497	0.445
288	12/29/2014 13:31	0.267	0.496	0.445
289	12/29/2014 13:32	0.268	0.497	0.445
290	12/29/2014 13:33	0.269	0.499	0.445
291	12/29/2014 13:34	0.27	0.498	0.445
292	12/29/2014 13:35	0.271	0.497	0.445
293	12/29/2014 13:36	0.272	0.498	0.445
294	12/29/2014 13:37	0.273	0.498	0.445
295	12/29/2014 13:38	0.273	0.498	0.445
296	12/29/2014 13:39	0.274	0.499	0.445
297	12/29/2014 13:40	0.275	0.499	0.445
298	12/29/2014 13:41	0.276	0.499	0.445
299	12/29/2014 13:42	0.277	0.499	0.445
300	12/29/2014 13:43	0.278	0.497	0.445
301	12/29/2014 13:44	0.279	0.496	0.445
302	12/29/2014 13:45	0.28	0.495	0.446
303	12/29/2014 13:46	0.281	0.495	0.446
304	12/29/2014 13:47	0.282	0.497	0.446
305	12/29/2014 13:48	0.283	0.498	0.446
306	12/29/2014 13:49	0.284	0.497	0.446
307	12/29/2014 13:50	0.285	0.498	0.446
308	12/29/2014 13:51	0.286	0.499	0.446
309	12/29/2014 13:52	0.287	0.499	0.446
310	12/29/2014 13:53	0.288	0.499	0.446
311	12/29/2014 13:54	0.289	0.5	0.446
312	12/29/2014 13:55	0.29	0.504	0.446
313	12/29/2014 13:56	0.291	0.504	0.447

314	12/29/2014 13:57	0.292	0.504	0.447
315	12/29/2014 13:58	0.293	0.505	0.447
316	12/29/2014 13:59	0.294	0.505	0.447
317	12/29/2014 14:00	0.295	0.505	0.447
318	12/29/2014 14:01	0.296	0.506	0.447
319	12/29/2014 14:02	0.297	0.506	0.447
320	12/29/2014 14:03	0.298	0.506	0.447
321	12/29/2014 14:04	0.299	0.507	0.447
322	12/29/2014 14:05	0.3	0.508	0.447
323	12/29/2014 14:06	0.301	0.509	0.447
324	12/29/2014 14:07	0.302	0.51	0.448
325	12/29/2014 14:08	0.303	0.51	0.448
326	12/29/2014 14:09	0.304	0.511	0.448
327	12/29/2014 14:10	0.305	0.511	0.448
328	12/29/2014 14:11	0.306	0.507	0.448
329	12/29/2014 14:12	0.307	0.507	0.448
330	12/29/2014 14:13	0.308	0.507	0.448
331	12/29/2014 14:14	0.309	0.508	0.448
332	12/29/2014 14:15	0.31	0.508	0.448
333	12/29/2014 14:16	0.311	0.508	0.448
334	12/29/2014 14:17	0.312	0.509	0.448
335	12/29/2014 14:18	0.313	0.509	0.448
336	12/29/2014 14:19	0.314	0.509	0.449
337	12/29/2014 14:20	0.315	0.509	0.449
338	12/29/2014 14:21	0.316	0.509	0.449
339	12/29/2014 14:22	0.317	0.509	0.449
340	12/29/2014 14:23	0.318	0.509	0.449
341	12/29/2014 14:24	0.319	0.51	0.449
342	12/29/2014 14:25	0.32	0.511	0.449
343	12/29/2014 14:26	0.321	0.512	0.449
344	12/29/2014 14:27	0.322	0.513	0.449
345	12/29/2014 14:28	0.323	0.513	0.45
346	12/29/2014 14:29	0.324	0.514	0.45
347	12/29/2014 14:30	0.325	0.518	0.45

==========Event #1 information (end)==========

Event data log export

=======Event data log event list (begin)=======

==========Event #1 information (begin)==========

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[Event #1 name:]--[Event #1]2014-12-29 08:43<-->2014-12-29 14:30

[Event start time:]--2014-12-29 08:43:43[Event end time:]--2014-12-29 14:30:43

==========Event #1 head information==========

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905528

Data Points: 347 Sample Period: 60 s Datalog Mode: Manual

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

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Sensor Information : PID(ppm)

Measurement Gas : Isobutene

Calibration Time : 2014-12-19 07:35:00

Drift Value : ---

Low Alarm Levels : 21.738

High Alarm Levels : 43.476

Span Value : 100.000

Correction Factor : 1.00

Over Alarm Levels : 15000.000

==========Event #1 data informations==========

LINE#	Date/Time	PID(ppm)
1	12/29/2014 8:44	0.074
2	12/29/2014 8:45	0.096
3	12/29/2014 8:46	0.12
4	12/29/2014 8:47	0.141
5	12/29/2014 8:48	0.158
6	12/29/2014 8:49	0.175
7	12/29/2014 8:50	0.197
8	12/29/2014 8:51	0.212
9	12/29/2014 8:52	0.219
10	12/29/2014 8:53	0.236
11	12/29/2014 8:54	0.254
12	12/29/2014 8:55	0.263
13	12/29/2014 8:56	0.271
14	12/29/2014 8:57	0.28
15	12/29/2014 8:58	0.279
16	12/29/2014 8:59	0.285
17	12/29/2014 9:00	0.292
18	12/29/2014 9:01	0.299
19	12/29/2014 9:02	0.308
20	12/29/2014 9:03	0.313
21	12/29/2014 9:04	0.317
22	12/29/2014 9:05	0.322
23	12/29/2014 9:06	0.328
24	12/29/2014 9:07	0.336
25	12/29/2014 9:08	0.341
26	12/29/2014 9:09	0.347
27	12/29/2014 9:10	0.349
28	12/29/2014 9:11	0.352
29	12/29/2014 9:12	0.356
30	12/29/2014 9:13	0.362
31	12/29/2014 9:14	0.366
32	12/29/2014 9:15	0.373

33	12/29/2014 9:16	0.372
34	12/29/2014 9:17	0.377
35	12/29/2014 9:18	0.382
36	12/29/2014 9:19	0.386
37	12/29/2014 9:20	0.386
38	12/29/2014 9:21	0.39
39	12/29/2014 9:22	0.395
40	12/29/2014 9:23	0.398
41	12/29/2014 9:24	0.401
42	12/29/2014 9:25	0.402
43	12/29/2014 9:26	0.402
44	12/29/2014 9:27	0.404
45	12/29/2014 9:28	0.408
46	12/29/2014 9:29	0.409
47	12/29/2014 9:30	0.408
48	12/29/2014 9:31	0.414
49	12/29/2014 9:32	0.417
50	12/29/2014 9:33	0.41
51	12/29/2014 9:34	0.411
52	12/29/2014 9:35	0.416
53	12/29/2014 9:36	0.423
54	12/29/2014 9:37	0.425
55	12/29/2014 9:38	0.421
56	12/29/2014 9:39	0.426
57	12/29/2014 9:40	0.425
58	12/29/2014 9:41	0.422
59	12/29/2014 9:42	0.421
60	12/29/2014 9:43	0.427
61	12/29/2014 9:44	0.428
62	12/29/2014 9:45	0.43
63	12/29/2014 9:46	0.431
64	12/29/2014 9:47	0.433
65	12/29/2014 9:48	0.432
66	12/29/2014 9:49	0.437
67	12/29/2014 9:50	0.436
68	12/29/2014 9:51	0.441
69	12/29/2014 9:52	0.443
70	12/29/2014 9:53	0.441
71	12/29/2014 9:54	0.442
72	12/29/2014 9:55	0.443
73	12/29/2014 9:56	0.446
74	12/29/2014 9:57	0.448
75	12/29/2014 9:58	0.442
76	12/29/2014 9:59	0.437
77	12/29/2014 10:00	0.443
78	12/29/2014 10:01	0.449
79	12/29/2014 10:02	0.449
80	12/29/2014 10:03	0.453
81	12/29/2014 10:04	0.452
82	12/29/2014 10:05	0.445
83	12/29/2014 10:06	0.449
84	12/29/2014 10:07	0.447
85	12/29/2014 10:08	0.447
86	12/29/2014 10:09	0.448
87	12/29/2014 10:10	0.451

88	12/29/2014 10:11	0.454
89	12/29/2014 10:12	0.451
90	12/29/2014 10:13	0.451
91	12/29/2014 10:14	0.451
92	12/29/2014 10:15	0.453
93	12/29/2014 10:16	0.459
94	12/29/2014 10:17	0.462
95	12/29/2014 10:18	0.46
96	12/29/2014 10:19	0.461
97	12/29/2014 10:20	0.472
98	12/29/2014 10:21	0.473
99	12/29/2014 10:22	0.463
100	12/29/2014 10:23	0.46
101	12/29/2014 10:24	0.462
102	12/29/2014 10:25	0.464
103	12/29/2014 10:26	0.458
104	12/29/2014 10:27	0.46
105	12/29/2014 10:28	0.461
106	12/29/2014 10:29	0.46
107	12/29/2014 10:30	0.46
108	12/29/2014 10:31	0.461
109	12/29/2014 10:32	0.466
110	12/29/2014 10:33	0.462
111	12/29/2014 10:34	0.462
112	12/29/2014 10:35	0.464
113	12/29/2014 10:36	0.468
114	12/29/2014 10:37	0.459
115	12/29/2014 10:38	0.46
116	12/29/2014 10:39	0.462
117	12/29/2014 10:40	0.459
118	12/29/2014 10:41	0.459
119	12/29/2014 10:42	0.462
120	12/29/2014 10:43	0.46
121	12/29/2014 10:44	0.462
122	12/29/2014 10:45	0.465
123	12/29/2014 10:46	0.46
124	12/29/2014 10:47	0.458
125	12/29/2014 10:48	0.507
126	12/29/2014 10:49	0.477
127	12/29/2014 10:50	0.499
128	12/29/2014 10:51	0.506
129	12/29/2014 10:52	0.459
130	12/29/2014 10:53	0.451
131	12/29/2014 10:54	0.449
132	12/29/2014 10:55	0.452
133	12/29/2014 10:56	0.451
134	12/29/2014 10:57	0.453
135	12/29/2014 10:58	0.453
136	12/29/2014 10:59	0.454
137	12/29/2014 11:00	0.452
138	12/29/2014 11:01	0.451
139	12/29/2014 11:02	0.45
140	12/29/2014 11:03	0.451
141	12/29/2014 11:04	0.447
142	12/29/2014 11:05	0.452

143	12/29/2014 11:06	0.451
144	12/29/2014 11:07	0.448
145	12/29/2014 11:08	0.449
146	12/29/2014 11:09	0.45
147	12/29/2014 11:10	0.447
148	12/29/2014 11:11	0.449
149	12/29/2014 11:12	0.443
150	12/29/2014 11:13	0.444
151	12/29/2014 11:14	0.443
152	12/29/2014 11:15	0.443
153	12/29/2014 11:16	0.448
154	12/29/2014 11:17	0.449
155	12/29/2014 11:18	0.446
156	12/29/2014 11:19	0.445
157	12/29/2014 11:20	0.446
158	12/29/2014 11:21	0.448
159	12/29/2014 11:22	0.446
160	12/29/2014 11:23	0.448
161	12/29/2014 11:24	0.45
162	12/29/2014 11:25	0.447
163	12/29/2014 11:26	0.447
164	12/29/2014 11:27	0.45
165	12/29/2014 11:28	0.449
166	12/29/2014 11:29	0.45
167	12/29/2014 11:30	0.459
168	12/29/2014 11:31	0.507
169	12/29/2014 11:32	0.497
170	12/29/2014 11:33	0.463
171	12/29/2014 11:34	0.449
172	12/29/2014 11:35	0.45
173	12/29/2014 11:36	0.451
174	12/29/2014 11:37	0.451
175	12/29/2014 11:38	0.453
176	12/29/2014 11:39	0.452
177	12/29/2014 11:40	0.458
178	12/29/2014 11:41	0.47
179	12/29/2014 11:42	0.469
180	12/29/2014 11:43	0.471
181	12/29/2014 11:44	0.471
182	12/29/2014 11:45	0.501
183	12/29/2014 11:46	0.489
184	12/29/2014 11:47	0.459
185	12/29/2014 11:48	0.456
186	12/29/2014 11:49	0.458
187	12/29/2014 11:50	0.46
188	12/29/2014 11:51	0.46
189	12/29/2014 11:52	0.462
190	12/29/2014 11:53	0.463
191	12/29/2014 11:54	0.465
192	12/29/2014 11:55	0.463
193	12/29/2014 11:56	0.463
194	12/29/2014 11:57	0.463
195	12/29/2014 11:58	0.465
196	12/29/2014 11:59	0.464
197	12/29/2014 12:00	0.462

198	12/29/2014 12:01	0.462
199	12/29/2014 12:02	0.466
200	12/29/2014 12:03	0.468
201	12/29/2014 12:04	0.469
202	12/29/2014 12:05	0.469
203	12/29/2014 12:06	0.468
204	12/29/2014 12:07	0.466
205	12/29/2014 12:08	0.466
206	12/29/2014 12:09	0.468
207	12/29/2014 12:10	0.467
208	12/29/2014 12:11	0.468
209	12/29/2014 12:12	0.467
210	12/29/2014 12:13	0.467
211	12/29/2014 12:14	0.467
212	12/29/2014 12:15	0.47
213	12/29/2014 12:16	0.473
214	12/29/2014 12:17	0.473
215	12/29/2014 12:18	0.475
216	12/29/2014 12:19	0.474
217	12/29/2014 12:20	0.474
218	12/29/2014 12:21	0.475
219	12/29/2014 12:22	0.478
220	12/29/2014 12:23	0.489
221	12/29/2014 12:24	1.204
222	12/29/2014 12:25	0.823
223	12/29/2014 12:26	0.575
224	12/29/2014 12:27	0.549
225	12/29/2014 12:28	0.468
226	12/29/2014 12:29	0.668
227	12/29/2014 12:30	0.652
228	12/29/2014 12:31	0.79
229	12/29/2014 12:32	0.672
230	12/29/2014 12:33	0.491
231	12/29/2014 12:34	0.531
232	12/29/2014 12:35	0.575
233	12/29/2014 12:36	0.49
234	12/29/2014 12:37	0.467
235	12/29/2014 12:38	0.519
236	12/29/2014 12:39	0.697
237	12/29/2014 12:40	0.588
238	12/29/2014 12:41	0.536
239	12/29/2014 12:42	0.475
240	12/29/2014 12:43	0.607
241	12/29/2014 12:44	0.697
242	12/29/2014 12:45	0.548
243	12/29/2014 12:46	0.453
244	12/29/2014 12:47	0.455
245	12/29/2014 12:48	0.463
246	12/29/2014 12:49	0.463
247	12/29/2014 12:50	0.461
248	12/29/2014 12:51	0.461
249	12/29/2014 12:52	0.462
250	12/29/2014 12:53	0.491
251	12/29/2014 12:54	0.455
252	12/29/2014 12:55	0.472

253	12/29/2014 12:56	0.483
254	12/29/2014 12:57	0.479
255	12/29/2014 12:58	0.447
256	12/29/2014 12:59	0.455
257	12/29/2014 13:00	0.431
258	12/29/2014 13:01	0.433
259	12/29/2014 13:02	0.448
260	12/29/2014 13:03	0.457
261	12/29/2014 13:04	0.51
262	12/29/2014 13:05	0.46
263	12/29/2014 13:06	0.424
264	12/29/2014 13:07	0.45
265	12/29/2014 13:08	0.433
266	12/29/2014 13:09	0.461
267	12/29/2014 13:10	0.436
268	12/29/2014 13:11	0.454
269	12/29/2014 13:12	0.45
270	12/29/2014 13:13	0.441
271	12/29/2014 13:14	0.443
272	12/29/2014 13:15	0.447
273	12/29/2014 13:16	0.447
274	12/29/2014 13:17	0.46
275	12/29/2014 13:18	0.466
276	12/29/2014 13:19	0.474
277	12/29/2014 13:20	0.445
278	12/29/2014 13:21	0.461
279	12/29/2014 13:22	0.468
280	12/29/2014 13:23	0.461
281	12/29/2014 13:24	0.464
282	12/29/2014 13:25	0.469
283	12/29/2014 13:26	0.468
284	12/29/2014 13:27	0.501
285	12/29/2014 13:28	0.48
286	12/29/2014 13:29	0.479
287	12/29/2014 13:30	0.458
288	12/29/2014 13:31	0.446
289	12/29/2014 13:32	0.458
290	12/29/2014 13:33	0.49
291	12/29/2014 13:34	0.453
292	12/29/2014 13:35	0.454
293	12/29/2014 13:36	0.46
294	12/29/2014 13:37	0.466
295	12/29/2014 13:38	0.467
296	12/29/2014 13:39	0.467
297	12/29/2014 13:40	0.464
298	12/29/2014 13:41	0.467
299	12/29/2014 13:42	0.469
300	12/29/2014 13:43	0.471
301	12/29/2014 13:44	0.467
302	12/29/2014 13:45	0.464
303	12/29/2014 13:46	0.469
304	12/29/2014 13:47	0.47
305	12/29/2014 13:48	0.471
306	12/29/2014 13:49	0.471
307	12/29/2014 13:50	0.468

308	12/29/2014 13:51	0.47
309	12/29/2014 13:52	0.469
310	12/29/2014 13:53	0.468
311	12/29/2014 13:54	0.474
312	12/29/2014 13:55	0.521
313	12/29/2014 13:56	0.472
314	12/29/2014 13:57	0.473
315	12/29/2014 13:58	0.472
316	12/29/2014 13:59	0.476
317	12/29/2014 14:00	0.471
318	12/29/2014 14:01	0.472
319	12/29/2014 14:02	0.473
320	12/29/2014 14:03	0.473
321	12/29/2014 14:04	0.484
322	12/29/2014 14:05	0.487
323	12/29/2014 14:06	0.483
324	12/29/2014 14:07	0.48
325	12/29/2014 14:08	0.476
326	12/29/2014 14:09	0.474
327	12/29/2014 14:10	0.472
328	12/29/2014 14:11	0.474
329	12/29/2014 14:12	0.472
330	12/29/2014 14:13	0.472
331	12/29/2014 14:14	0.476
332	12/29/2014 14:15	0.478
333	12/29/2014 14:16	0.478
334	12/29/2014 14:17	0.478
335	12/29/2014 14:18	0.474
336	12/29/2014 14:19	0.482
337	12/29/2014 14:20	0.484
338	12/29/2014 14:21	0.481
339	12/29/2014 14:22	0.481
340	12/29/2014 14:23	0.488
341	12/29/2014 14:24	0.486
342	12/29/2014 14:25	0.492
343	12/29/2014 14:26	0.489
344	12/29/2014 14:27	0.483
345	12/29/2014 14:28	0.48
346	12/29/2014 14:29	0.486
347	12/29/2014 14:30	0.525

==========Event #1 information (end)==========

BENCHMARK
ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

COMMUNITY AIR MONITORING DAILY LOG

Date: 12/30/2014 Tues
Project: 3021 Orchard Park Road
Job No.: 0304-014-003
Client: 3021-3041 Orchard Park Road LLC

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map): In parking area, northwestern area of large parking lot

WEATHER CONDITIONS:

Time of Day:	A.M.	P.M.
Ambient Air Temp.:	21.9°F	26.1°F
Wind Direction:	North	West
Wind Speed:	9.2 mph	11.5 mph
Precipitation:	Light Snow	None

DESCRIPTION OF SITE ACTIVITIES: Installation of overburden monitoring well MW-5A, Interior Borings B-19 thru B-21, and B-24 & B-25

PARTICULATE MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 100 ug/m3 [1]			-		Dust meter Did not Record Any Data
Exceedence of 150 ug/m3 [1]			-		
Visual Observation of Fugitive Dust			NA		
			NA		
			NA		

VOC MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 5 ppm [1]			NONE		Temporarily halt Work and continue monitoring
Reading of 5 to 25 ppm [1]			NONE		Temporarily halt Work, abate emissions with corrective actions and continue monitoring [3]
Exceedence of 25 ppm [2]			NONE		Shut Down Work Immediately and notify Site Safety & Health Officer

1. Above background for 15 minute moving average.
2. Above background at Site perimeter (indicate location on attached sketch)
3. Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whicever is less) is below 5 ppm for 15 min.

NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: Josh Robinson Date: 12/30/14
Checked By: Date:

F:\CAD\TurnKey\3021-3041 Orchard Park Road\04 - RI-IRM-AA Work Plan\Figure 6; Proposed RI Sample Locations.dwg

12/30/2014 Tues

AM wind

MICHAEL ROAD

N

MW-OB

Work Area

MW-5A

SB

PROPOSED MEDICAL BUILDING (± 7,213 SF)

SB

PM wind

DW-1

SB

SB

SB

(# 3027) FAMILY DOLLAR

SB

WALGRI PHARMACY

SB

(# 3029) FMR. TOPS, FMR. ANTIQUE MALL

Work Area

MW-OB

SB

NEW PORTE-COCHERE

BH8 TPMW6

(# 3031) FMR. CVS PHARMACY

SV

SB-2

SB

SV

BH1 TPMW1

BH-14 TPMW-11

MW-BR MW-OB

BH-13 TPMW-10

NEW ADDITION BH2 TPMW2

SB INDOOR AIR

BH7 TPMW5

(# 3037) FMR. PAINT SHOP

SB-5

SB-3

BH-10 TPMW-7

BH2

SUBSLAB VAPOR

SB

BH6 TPMW4

(# 3039) FMR. DRY CLEANER

OUTDOOR AIR

SB

SB-4

SB

SB

BH-12 TPMW-9

(# 3041) FMR. BANK & FMR. CREDIT UNION

BH5

BH4 TPMW3

BH-11 TPMW-8

BH9

MW-OB MW-BR

MW-OB MW-BR

SB

KEY BA

ORCHARD PARK ROAD

200K DRIVE

SB

SB

SB

==========Event #2 information (begin)==========

[Event #2 name:]--[Event #2]2014-12-30 07:55<-->2014-12-30 15:52
[Event start time:]--2014-12-30 07:55:04[Event end time:]--2014-12-30 15:52:04

==========Event #2 head information==========

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905528
Data Points: 477 Sample Period: 60 s Datalog Mode: Manual
SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

Sensor Information : PID(ppm)
Alarm Type : TWA STEL AVG
Alarm Levels : 4.348 10.869 ---

==========Event #2 data informations==========

LINE#	Date/Time	PID(ppm)		
		TWA	STEL	AVG
1	12/30/2014 7:56	0	0.006	0.09
2	12/30/2014 7:57	0	0.012	0.094
3	12/30/2014 7:58	0.001	0.019	0.097
4	12/30/2014 7:59	0.001	0.027	0.1
5	12/30/2014 8:00	0.001	0.034	0.103
6	12/30/2014 8:01	0.001	0.042	0.106
7	12/30/2014 8:02	0.002	0.051	0.109
8	12/30/2014 8:03	0.002	0.06	0.112
9	12/30/2014 8:04	0.002	0.069	0.115
10	12/30/2014 8:05	0.002	0.079	0.119
11	12/30/2014 8:06	0.003	0.089	0.121
12	12/30/2014 8:07	0.003	0.099	0.124
13	12/30/2014 8:08	0.003	0.111	0.128
14	12/30/2014 8:09	0.004	0.123	0.132
15	12/30/2014 8:10	0.004	0.135	0.135
16	12/30/2014 8:11	0.005	0.147	0.138
17	12/30/2014 8:12	0.005	0.154	0.141
18	12/30/2014 8:13	0.005	0.16	0.144
19	12/30/2014 8:14	0.006	0.168	0.148
20	12/30/2014 8:15	0.006	0.175	0.151
21	12/30/2014 8:16	0.007	0.182	0.155
22	12/30/2014 8:17	0.007	0.189	0.158
23	12/30/2014 8:18	0.008	0.196	0.161
24	12/30/2014 8:19	0.008	0.203	0.164
25	12/30/2014 8:20	0.009	0.21	0.167
26	12/30/2014 8:21	0.009	0.216	0.17
27	12/30/2014 8:22	0.01	0.222	0.173
28	12/30/2014 8:23	0.01	0.229	0.176
29	12/30/2014 8:24	0.011	0.236	0.179
30	12/30/2014 8:25	0.011	0.241	0.182
31	12/30/2014 8:26	0.012	0.248	0.185
32	12/30/2014 8:27	0.013	0.254	0.188
33	12/30/2014 8:28	0.013	0.261	0.191
34	12/30/2014 8:29	0.014	0.267	0.194
35	12/30/2014 8:30	0.014	0.272	0.197
36	12/30/2014 8:31	0.015	0.277	0.2
37	12/30/2014 8:32	0.016	0.285	0.203
38	12/30/2014 8:33	0.016	0.291	0.206
39	12/30/2014 8:34	0.017	0.297	0.209

40	12/30/2014 8:35	0.018	0.301	0.212
41	12/30/2014 8:36	0.018	0.307	0.214
42	12/30/2014 8:37	0.019	0.313	0.217
43	12/30/2014 8:38	0.02	0.321	0.221
44	12/30/2014 8:39	0.02	0.327	0.223
45	12/30/2014 8:40	0.021	0.333	0.226
46	12/30/2014 8:41	0.022	0.339	0.229
47	12/30/2014 8:42	0.023	0.344	0.232
48	12/30/2014 8:43	0.023	0.348	0.234
49	12/30/2014 8:44	0.024	0.352	0.237
50	12/30/2014 8:45	0.025	0.358	0.24
51	12/30/2014 8:46	0.026	0.363	0.242
52	12/30/2014 8:47	0.026	0.366	0.244
53	12/30/2014 8:48	0.027	0.367	0.246
54	12/30/2014 8:49	0.028	0.371	0.248
55	12/30/2014 8:50	0.029	0.375	0.251
56	12/30/2014 8:51	0.03	0.38	0.253
57	12/30/2014 8:52	0.03	0.384	0.255
58	12/30/2014 8:53	0.031	0.387	0.257
59	12/30/2014 8:54	0.032	0.388	0.26
60	12/30/2014 8:55	0.033	0.392	0.262
61	12/30/2014 8:56	0.034	0.394	0.264
62	12/30/2014 8:57	0.034	0.397	0.266
63	12/30/2014 8:58	0.035	0.4	0.268
64	12/30/2014 8:59	0.036	0.403	0.27
65	12/30/2014 9:00	0.037	0.407	0.272
66	12/30/2014 9:01	0.038	0.409	0.275
67	12/30/2014 9:02	0.039	0.413	0.277
68	12/30/2014 9:03	0.04	0.419	0.279
69	12/30/2014 9:04	0.04	0.424	0.281
70	12/30/2014 9:05	0.041	0.428	0.283
71	12/30/2014 9:06	0.042	0.431	0.285
72	12/30/2014 9:07	0.043	0.433	0.287
73	12/30/2014 9:08	0.044	0.437	0.289
74	12/30/2014 9:09	0.045	0.441	0.291
75	12/30/2014 9:10	0.046	0.444	0.293
76	12/30/2014 9:11	0.047	0.448	0.295
77	12/30/2014 9:12	0.048	0.452	0.297
78	12/30/2014 9:13	0.049	0.456	0.299
79	12/30/2014 9:14	0.05	0.46	0.301
80	12/30/2014 9:15	0.051	0.465	0.303
81	12/30/2014 9:16	0.052	0.471	0.306
82	12/30/2014 9:17	0.053	0.475	0.308
83	12/30/2014 9:18	0.054	0.48	0.31
84	12/30/2014 9:19	0.055	0.485	0.312
85	12/30/2014 9:20	0.056	0.489	0.314
86	12/30/2014 9:21	0.057	0.495	0.317
87	12/30/2014 9:22	0.058	0.499	0.319
88	12/30/2014 9:23	0.059	0.504	0.321
89	12/30/2014 9:24	0.06	0.509	0.323
90	12/30/2014 9:25	0.061	0.514	0.325
91	12/30/2014 9:26	0.062	0.521	0.327
92	12/30/2014 9:27	0.063	0.527	0.33
93	12/30/2014 9:28	0.064	0.532	0.332

94	12/30/2014 9:29	0.065	0.536	0.334
95	12/30/2014 9:30	0.066	0.54	0.336
96	12/30/2014 9:31	0.068	0.543	0.338
97	12/30/2014 9:32	0.069	0.547	0.34
98	12/30/2014 9:33	0.07	0.551	0.342
99	12/30/2014 9:34	0.071	0.555	0.344
100	12/30/2014 9:35	0.072	0.558	0.346
101	12/30/2014 9:36	0.073	0.562	0.348
102	12/30/2014 9:37	0.074	0.566	0.35
103	12/30/2014 9:38	0.076	0.57	0.352
104	12/30/2014 9:39	0.077	0.574	0.354
105	12/30/2014 9:40	0.078	0.578	0.356
106	12/30/2014 9:41	0.079	0.581	0.358
107	12/30/2014 9:42	0.08	0.583	0.36
108	12/30/2014 9:43	0.081	0.585	0.362
109	12/30/2014 9:44	0.083	0.588	0.364
110	12/30/2014 9:45	0.084	0.59	0.366
111	12/30/2014 9:46	0.085	0.592	0.367
112	12/30/2014 9:47	0.086	0.594	0.369
113	12/30/2014 9:48	0.087	0.594	0.371
114	12/30/2014 9:49	0.088	0.596	0.372
115	12/30/2014 9:50	0.09	0.597	0.374
116	12/30/2014 9:51	0.091	0.598	0.376
117	12/30/2014 9:52	0.092	0.598	0.377
118	12/30/2014 9:53	0.093	0.597	0.379
119	12/30/2014 9:54	0.094	0.597	0.38
120	12/30/2014 9:55	0.095	0.597	0.382
121	12/30/2014 9:56	0.097	0.596	0.383
122	12/30/2014 9:57	0.098	0.596	0.385
123	12/30/2014 9:58	0.099	0.596	0.386
124	12/30/2014 9:59	0.1	0.596	0.387
125	12/30/2014 10:00	0.101	0.595	0.389
126	12/30/2014 10:01	0.102	0.594	0.39
127	12/30/2014 10:02	0.103	0.593	0.391
128	12/30/2014 10:03	0.105	0.592	0.392
129	12/30/2014 10:04	0.106	0.592	0.393
130	12/30/2014 10:05	0.107	0.59	0.395
131	12/30/2014 10:06	0.108	0.589	0.396
132	12/30/2014 10:07	0.109	0.588	0.397
133	12/30/2014 10:08	0.11	0.587	0.398
134	12/30/2014 10:09	0.111	0.586	0.399
135	12/30/2014 10:10	0.113	0.585	0.4
136	12/30/2014 10:11	0.114	0.584	0.401
137	12/30/2014 10:12	0.115	0.582	0.402
138	12/30/2014 10:13	0.116	0.58	0.403
139	12/30/2014 10:14	0.117	0.578	0.404
140	12/30/2014 10:15	0.118	0.577	0.405
141	12/30/2014 10:16	0.119	0.576	0.406
142	12/30/2014 10:17	0.12	0.574	0.407
143	12/30/2014 10:18	0.121	0.572	0.407
144	12/30/2014 10:19	0.123	0.573	0.408
145	12/30/2014 10:20	0.124	0.571	0.409
146	12/30/2014 10:21	0.125	0.568	0.41
147	12/30/2014 10:22	0.126	0.564	0.41

148	12/30/2014 10:23	0.127	0.561	0.411
149	12/30/2014 10:24	0.128	0.558	0.411
150	12/30/2014 10:25	0.129	0.554	0.412
151	12/30/2014 10:26	0.13	0.551	0.412
152	12/30/2014 10:27	0.131	0.548	0.413
153	12/30/2014 10:28	0.132	0.545	0.413
154	12/30/2014 10:29	0.133	0.54	0.414
155	12/30/2014 10:30	0.134	0.536	0.414
156	12/30/2014 10:31	0.135	0.53	0.414
157	12/30/2014 10:32	0.136	0.525	0.415
158	12/30/2014 10:33	0.137	0.519	0.415
159	12/30/2014 10:34	0.137	0.514	0.415
160	12/30/2014 10:35	0.138	0.507	0.415
161	12/30/2014 10:36	0.139	0.503	0.415
162	12/30/2014 10:37	0.14	0.499	0.415
163	12/30/2014 10:38	0.141	0.495	0.416
164	12/30/2014 10:39	0.142	0.493	0.416
165	12/30/2014 10:40	0.143	0.49	0.416
166	12/30/2014 10:41	0.144	0.488	0.416
167	12/30/2014 10:42	0.145	0.486	0.417
168	12/30/2014 10:43	0.146	0.483	0.417
169	12/30/2014 10:44	0.147	0.48	0.417
170	12/30/2014 10:45	0.148	0.477	0.417
171	12/30/2014 10:46	0.149	0.475	0.417
172	12/30/2014 10:47	0.15	0.475	0.417
173	12/30/2014 10:48	0.15	0.475	0.417
174	12/30/2014 10:49	0.151	0.474	0.417
175	12/30/2014 10:50	0.152	0.473	0.418
176	12/30/2014 10:51	0.153	0.471	0.418
177	12/30/2014 10:52	0.154	0.469	0.418
178	12/30/2014 10:53	0.155	0.467	0.417
179	12/30/2014 10:54	0.156	0.465	0.417
180	12/30/2014 10:55	0.157	0.462	0.417
181	12/30/2014 10:56	0.157	0.459	0.417
182	12/30/2014 10:57	0.158	0.455	0.417
183	12/30/2014 10:58	0.159	0.451	0.417
184	12/30/2014 10:59	0.16	0.447	0.417
185	12/30/2014 11:00	0.161	0.445	0.417
186	12/30/2014 11:01	0.161	0.442	0.417
187	12/30/2014 11:02	0.162	0.44	0.417
188	12/30/2014 11:03	0.163	0.435	0.416
189	12/30/2014 11:04	0.164	0.43	0.416
190	12/30/2014 11:05	0.165	0.427	0.416
191	12/30/2014 11:06	0.165	0.424	0.416
192	12/30/2014 11:07	0.166	0.422	0.416
193	12/30/2014 11:08	0.167	0.419	0.415
194	12/30/2014 11:09	0.168	0.416	0.415
195	12/30/2014 11:10	0.169	0.414	0.415
196	12/30/2014 11:11	0.169	0.412	0.415
197	12/30/2014 11:12	0.17	0.409	0.415
198	12/30/2014 11:13	0.171	0.407	0.414
199	12/30/2014 11:14	0.172	0.405	0.414
200	12/30/2014 11:15	0.172	0.403	0.414
201	12/30/2014 11:16	0.173	0.401	0.414

202	12/30/2014 11:17	0.174	0.398	0.413
203	12/30/2014 11:18	0.175	0.396	0.413
204	12/30/2014 11:19	0.175	0.394	0.413
205	12/30/2014 11:20	0.176	0.392	0.412
206	12/30/2014 11:21	0.177	0.39	0.412
207	12/30/2014 11:22	0.178	0.389	0.412
208	12/30/2014 11:23	0.178	0.387	0.412
209	12/30/2014 11:24	0.179	0.385	0.411
210	12/30/2014 11:25	0.18	0.384	0.411
211	12/30/2014 11:26	0.181	0.382	0.411
212	12/30/2014 11:27	0.181	0.381	0.41
213	12/30/2014 11:28	0.182	0.381	0.41
214	12/30/2014 11:29	0.183	0.38	0.41
215	12/30/2014 11:30	0.184	0.38	0.41
216	12/30/2014 11:31	0.184	0.38	0.41
217	12/30/2014 11:32	0.185	0.38	0.409
218	12/30/2014 11:33	0.186	0.38	0.409
219	12/30/2014 11:34	0.187	0.38	0.409
220	12/30/2014 11:35	0.187	0.38	0.409
221	12/30/2014 11:36	0.188	0.381	0.408
222	12/30/2014 11:37	0.189	0.381	0.408
223	12/30/2014 11:38	0.19	0.382	0.408
224	12/30/2014 11:39	0.19	0.382	0.408
225	12/30/2014 11:40	0.191	0.383	0.408
226	12/30/2014 11:41	0.192	0.385	0.407
227	12/30/2014 11:42	0.193	0.386	0.407
228	12/30/2014 11:43	0.193	0.386	0.407
229	12/30/2014 11:44	0.194	0.388	0.407
230	12/30/2014 11:45	0.195	0.389	0.407
231	12/30/2014 11:46	0.196	0.389	0.407
232	12/30/2014 11:47	0.196	0.39	0.407
233	12/30/2014 11:48	0.197	0.391	0.406
234	12/30/2014 11:49	0.198	0.391	0.406
235	12/30/2014 11:50	0.199	0.391	0.406
236	12/30/2014 11:51	0.2	0.391	0.406
237	12/30/2014 11:52	0.2	0.39	0.406
238	12/30/2014 11:53	0.201	0.39	0.405
239	12/30/2014 11:54	0.202	0.389	0.405
240	12/30/2014 11:55	0.202	0.389	0.405
241	12/30/2014 11:56	0.203	0.389	0.405
242	12/30/2014 11:57	0.204	0.388	0.405
243	12/30/2014 11:58	0.205	0.388	0.404
244	12/30/2014 11:59	0.205	0.387	0.404
245	12/30/2014 12:00	0.206	0.386	0.404
246	12/30/2014 12:01	0.207	0.385	0.404
247	12/30/2014 12:02	0.208	0.384	0.404
248	12/30/2014 12:03	0.208	0.383	0.403
249	12/30/2014 12:04	0.209	0.383	0.403
250	12/30/2014 12:05	0.21	0.383	0.403
251	12/30/2014 12:06	0.211	0.383	0.403
252	12/30/2014 12:07	0.212	0.384	0.403
253	12/30/2014 12:08	0.212	0.385	0.403
254	12/30/2014 12:09	0.213	0.385	0.403
255	12/30/2014 12:10	0.214	0.386	0.402

256	12/30/2014 12:11	0.215	0.387	0.402
257	12/30/2014 12:12	0.215	0.387	0.402
258	12/30/2014 12:13	0.216	0.387	0.402
259	12/30/2014 12:14	0.217	0.388	0.402
260	12/30/2014 12:15	0.218	0.389	0.402
261	12/30/2014 12:16	0.218	0.39	0.402
262	12/30/2014 12:17	0.219	0.391	0.402
263	12/30/2014 12:18	0.22	0.392	0.401
264	12/30/2014 12:19	0.221	0.393	0.401
265	12/30/2014 12:20	0.222	0.393	0.401
266	12/30/2014 12:21	0.222	0.394	0.401
267	12/30/2014 12:22	0.223	0.394	0.401
268	12/30/2014 12:23	0.224	0.395	0.401
269	12/30/2014 12:24	0.225	0.395	0.401
270	12/30/2014 12:25	0.225	0.395	0.401
271	12/30/2014 12:26	0.226	0.395	0.401
272	12/30/2014 12:27	0.227	0.397	0.4
273	12/30/2014 12:28	0.228	0.397	0.4
274	12/30/2014 12:29	0.229	0.398	0.4
275	12/30/2014 12:30	0.229	0.398	0.4
276	12/30/2014 12:31	0.23	0.398	0.4
277	12/30/2014 12:32	0.231	0.397	0.4
278	12/30/2014 12:33	0.232	0.397	0.4
279	12/30/2014 12:34	0.232	0.396	0.4
280	12/30/2014 12:35	0.233	0.395	0.4
281	12/30/2014 12:36	0.234	0.395	0.399
282	12/30/2014 12:37	0.235	0.394	0.399
283	12/30/2014 12:38	0.235	0.394	0.399
284	12/30/2014 12:39	0.236	0.393	0.399
285	12/30/2014 12:40	0.237	0.393	0.399
286	12/30/2014 12:41	0.238	0.393	0.399
287	12/30/2014 12:42	0.238	0.392	0.399
288	12/30/2014 12:43	0.239	0.391	0.399
289	12/30/2014 12:44	0.24	0.389	0.398
290	12/30/2014 12:45	0.241	0.389	0.398
291	12/30/2014 12:46	0.241	0.388	0.398
292	12/30/2014 12:47	0.242	0.387	0.398
293	12/30/2014 12:48	0.243	0.387	0.398
294	12/30/2014 12:49	0.244	0.386	0.398
295	12/30/2014 12:50	0.244	0.386	0.398
296	12/30/2014 12:51	0.245	0.386	0.398
297	12/30/2014 12:52	0.246	0.385	0.397
298	12/30/2014 12:53	0.247	0.386	0.397
299	12/30/2014 12:54	0.247	0.386	0.397
300	12/30/2014 12:55	0.248	0.387	0.397
301	12/30/2014 12:56	0.249	0.388	0.397
302	12/30/2014 12:57	0.25	0.389	0.397
303	12/30/2014 12:58	0.251	0.391	0.397
304	12/30/2014 12:59	0.251	0.392	0.397
305	12/30/2014 13:00	0.252	0.394	0.397
306	12/30/2014 13:01	0.253	0.397	0.397
307	12/30/2014 13:02	0.254	0.4	0.397
308	12/30/2014 13:03	0.255	0.403	0.397
309	12/30/2014 13:04	0.256	0.404	0.397

310	12/30/2014 13:05	0.256	0.406	0.397
311	12/30/2014 13:06	0.257	0.409	0.397
312	12/30/2014 13:07	0.258	0.41	0.397
313	12/30/2014 13:08	0.259	0.412	0.397
314	12/30/2014 13:09	0.26	0.412	0.397
315	12/30/2014 13:10	0.26	0.414	0.397
316	12/30/2014 13:11	0.261	0.415	0.397
317	12/30/2014 13:12	0.262	0.416	0.397
318	12/30/2014 13:13	0.263	0.416	0.397
319	12/30/2014 13:14	0.264	0.416	0.397
320	12/30/2014 13:15	0.264	0.417	0.397
321	12/30/2014 13:16	0.265	0.416	0.397
322	12/30/2014 13:17	0.266	0.415	0.397
323	12/30/2014 13:18	0.267	0.413	0.397
324	12/30/2014 13:19	0.268	0.412	0.396
325	12/30/2014 13:20	0.268	0.413	0.396
326	12/30/2014 13:21	0.269	0.413	0.396
327	12/30/2014 13:22	0.27	0.411	0.396
328	12/30/2014 13:23	0.271	0.412	0.396
329	12/30/2014 13:24	0.272	0.413	0.396
330	12/30/2014 13:25	0.273	0.414	0.396
331	12/30/2014 13:26	0.273	0.414	0.396
332	12/30/2014 13:27	0.274	0.415	0.396
333	12/30/2014 13:28	0.275	0.417	0.396
334	12/30/2014 13:29	0.276	0.417	0.396
335	12/30/2014 13:30	0.277	0.418	0.396
336	12/30/2014 13:31	0.277	0.418	0.396
337	12/30/2014 13:32	0.278	0.42	0.396
338	12/30/2014 13:33	0.279	0.421	0.396
339	12/30/2014 13:34	0.28	0.422	0.396
340	12/30/2014 13:35	0.281	0.423	0.396
341	12/30/2014 13:36	0.282	0.424	0.397
342	12/30/2014 13:37	0.283	0.426	0.397
343	12/30/2014 13:38	0.283	0.426	0.397
344	12/30/2014 13:39	0.284	0.427	0.397
345	12/30/2014 13:40	0.285	0.427	0.397
346	12/30/2014 13:41	0.286	0.428	0.397
347	12/30/2014 13:42	0.287	0.428	0.397
348	12/30/2014 13:43	0.288	0.43	0.397
349	12/30/2014 13:44	0.288	0.43	0.397
350	12/30/2014 13:45	0.289	0.432	0.397
351	12/30/2014 13:46	0.29	0.433	0.397
352	12/30/2014 13:47	0.291	0.435	0.397
353	12/30/2014 13:48	0.292	0.436	0.397
354	12/30/2014 13:49	0.293	0.437	0.397
355	12/30/2014 13:50	0.294	0.439	0.397
356	12/30/2014 13:51	0.295	0.441	0.397
357	12/30/2014 13:52	0.296	0.444	0.397
358	12/30/2014 13:53	0.296	0.446	0.397
359	12/30/2014 13:54	0.297	0.449	0.398
360	12/30/2014 13:55	0.298	0.451	0.398
361	12/30/2014 13:56	0.299	0.454	0.398
362	12/30/2014 13:57	0.3	0.457	0.398
363	12/30/2014 13:58	0.301	0.46	0.398

364	12/30/2014 13:59	0.302	0.461	0.398
365	12/30/2014 14:00	0.303	0.464	0.398
366	12/30/2014 14:01	0.304	0.466	0.399
367	12/30/2014 14:02	0.305	0.468	0.399
368	12/30/2014 14:03	0.306	0.47	0.399
369	12/30/2014 14:04	0.307	0.485	0.4
370	12/30/2014 14:05	0.308	0.496	0.4
371	12/30/2014 14:06	0.309	0.497	0.4
372	12/30/2014 14:07	0.31	0.498	0.4
373	12/30/2014 14:08	0.311	0.499	0.4
374	12/30/2014 14:09	0.312	0.5	0.401
375	12/30/2014 14:10	0.313	0.5	0.401
376	12/30/2014 14:11	0.314	0.501	0.401
377	12/30/2014 14:12	0.315	0.501	0.401
378	12/30/2014 14:13	0.316	0.501	0.401
379	12/30/2014 14:14	0.317	0.502	0.401
380	12/30/2014 14:15	0.318	0.502	0.401
381	12/30/2014 14:16	0.319	0.503	0.401
382	12/30/2014 14:17	0.32	0.504	0.402
383	12/30/2014 14:18	0.321	0.504	0.402
384	12/30/2014 14:19	0.322	0.505	0.402
385	12/30/2014 14:20	0.323	0.493	0.402
386	12/30/2014 14:21	0.324	0.485	0.402
387	12/30/2014 14:22	0.324	0.487	0.402
388	12/30/2014 14:23	0.325	0.488	0.403
389	12/30/2014 14:24	0.326	0.49	0.403
390	12/30/2014 14:25	0.327	0.491	0.403
391	12/30/2014 14:26	0.328	0.494	0.403
392	12/30/2014 14:27	0.329	0.496	0.403
393	12/30/2014 14:28	0.33	0.498	0.404
394	12/30/2014 14:29	0.331	0.5	0.404
395	12/30/2014 14:30	0.332	0.503	0.404
396	12/30/2014 14:31	0.334	0.505	0.404
397	12/30/2014 14:32	0.335	0.507	0.404
398	12/30/2014 14:33	0.336	0.509	0.405
399	12/30/2014 14:34	0.337	0.511	0.405
400	12/30/2014 14:35	0.338	0.513	0.405
401	12/30/2014 14:36	0.339	0.515	0.405
402	12/30/2014 14:37	0.34	0.517	0.406
403	12/30/2014 14:38	0.341	0.519	0.406
404	12/30/2014 14:39	0.342	0.522	0.406
405	12/30/2014 14:40	0.343	0.524	0.406
406	12/30/2014 14:41	0.344	0.526	0.407
407	12/30/2014 14:42	0.345	0.527	0.407
408	12/30/2014 14:43	0.346	0.528	0.407
409	12/30/2014 14:44	0.347	0.529	0.407
410	12/30/2014 14:45	0.348	0.53	0.407
411	12/30/2014 14:46	0.349	0.531	0.408
412	12/30/2014 14:47	0.35	0.532	0.408
413	12/30/2014 14:48	0.351	0.533	0.408
414	12/30/2014 14:49	0.352	0.534	0.408
415	12/30/2014 14:50	0.353	0.534	0.409
416	12/30/2014 14:51	0.354	0.535	0.409
417	12/30/2014 14:52	0.355	0.536	0.409

418	12/30/2014 14:53	0.356	0.537	0.409
419	12/30/2014 14:54	0.358	0.537	0.41
420	12/30/2014 14:55	0.359	0.537	0.41
421	12/30/2014 14:56	0.36	0.537	0.41
422	12/30/2014 14:57	0.361	0.538	0.41
423	12/30/2014 14:58	0.362	0.539	0.41
424	12/30/2014 14:59	0.363	0.54	0.411
425	12/30/2014 15:00	0.364	0.54	0.411
426	12/30/2014 15:01	0.365	0.541	0.411
427	12/30/2014 15:02	0.366	0.542	0.411
428	12/30/2014 15:03	0.367	0.543	0.412
429	12/30/2014 15:04	0.368	0.543	0.412
430	12/30/2014 15:05	0.369	0.544	0.412
431	12/30/2014 15:06	0.37	0.545	0.412
432	12/30/2014 15:07	0.371	0.545	0.413
433	12/30/2014 15:08	0.372	0.547	0.413
434	12/30/2014 15:09	0.374	0.547	0.413
435	12/30/2014 15:10	0.375	0.549	0.413
436	12/30/2014 15:11	0.376	0.55	0.414
437	12/30/2014 15:12	0.377	0.55	0.414
438	12/30/2014 15:13	0.378	0.551	0.414
439	12/30/2014 15:14	0.379	0.552	0.414
440	12/30/2014 15:15	0.38	0.553	0.415
441	12/30/2014 15:16	0.381	0.555	0.415
442	12/30/2014 15:17	0.382	0.556	0.415
443	12/30/2014 15:18	0.383	0.558	0.415
444	12/30/2014 15:19	0.385	0.559	0.416
445	12/30/2014 15:20	0.386	0.56	0.416
446	12/30/2014 15:21	0.387	0.562	0.416
447	12/30/2014 15:22	0.388	0.563	0.417
448	12/30/2014 15:23	0.389	0.565	0.417
449	12/30/2014 15:24	0.39	0.567	0.417
450	12/30/2014 15:25	0.391	0.568	0.417
451	12/30/2014 15:26	0.392	0.569	0.418
452	12/30/2014 15:27	0.394	0.57	0.418
453	12/30/2014 15:28	0.395	0.571	0.418
454	12/30/2014 15:29	0.396	0.571	0.418
455	12/30/2014 15:30	0.397	0.573	0.419
456	12/30/2014 15:31	0.398	0.573	0.419
457	12/30/2014 15:32	0.399	0.574	0.419
458	12/30/2014 15:33	0.4	0.574	0.419
459	12/30/2014 15:34	0.401	0.574	0.42
460	12/30/2014 15:35	0.403	0.574	0.42
461	12/30/2014 15:36	0.404	0.575	0.42
462	12/30/2014 15:37	0.405	0.575	0.421
463	12/30/2014 15:38	0.406	0.576	0.421
464	12/30/2014 15:39	0.407	0.576	0.421
465	12/30/2014 15:40	0.408	0.575	0.421
466	12/30/2014 15:41	0.409	0.576	0.422
467	12/30/2014 15:42	0.41	0.576	0.422
468	12/30/2014 15:43	0.412	0.577	0.422
469	12/30/2014 15:44	0.413	0.578	0.422
470	12/30/2014 15:45	0.414	0.579	0.423
471	12/30/2014 15:46	0.415	0.579	0.423

472	12/30/2014 15:47	0.416	0.58	0.423
473	12/30/2014 15:48	0.417	0.58	0.423
474	12/30/2014 15:49	0.418	0.581	0.424
475	12/30/2014 15:50	0.42	0.585	0.424
476	12/30/2014 15:51	0.421	0.589	0.424
477	12/30/2014 15:52	0.422	0.592	0.425

==========Event #2 information (end)==========

==========Event #2 information (begin)==========

[Event #2 name:]--[Event #2]2014-12-30 07:55<-->2014-12-30 15:52
[Event start time:]--2014-12-30 07:55:04[Event end time:]--2014-12-30 15:52:04

==========Event #2 head information==========

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905528
Data Points: 477 Sample Period: 60 s Datalog Mode: Manual
SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

Sensor Information : PID(ppm)
Measurement Gas : Isobutene
Calibration Time : 2014-12-19 07:35:00
Drift Value : ---
Low Alarm Levels : 21.738
High Alarm Levels : 43.476
Span Value : 100.000
Correction Factor : 1.00
Over Alarm Levels : 15000.000

==========Event #2 data informations==========

LINE#	Date/Time	PID(ppm)
1	12/30/2014 7:56	0.09
2	12/30/2014 7:57	0.097
3	12/30/2014 7:58	0.104
4	12/30/2014 7:59	0.11
5	12/30/2014 8:00	0.115
6	12/30/2014 8:01	0.12
7	12/30/2014 8:02	0.13
8	12/30/2014 8:03	0.133
9	12/30/2014 8:04	0.138
10	12/30/2014 8:05	0.148
11	12/30/2014 8:06	0.149
12	12/30/2014 8:07	0.156
13	12/30/2014 8:08	0.168
14	12/30/2014 8:09	0.185
15	12/30/2014 8:10	0.181
16	12/30/2014 8:11	0.182
17	12/30/2014 8:12	0.19
18	12/30/2014 8:13	0.198
19	12/30/2014 8:14	0.217
20	12/30/2014 8:15	0.218
21	12/30/2014 8:16	0.218
22	12/30/2014 8:17	0.228
23	12/30/2014 8:18	0.227
24	12/30/2014 8:19	0.242
25	12/30/2014 8:20	0.242
26	12/30/2014 8:21	0.238
27	12/30/2014 8:22	0.247
28	12/30/2014 8:23	0.257
29	12/30/2014 8:24	0.263
30	12/30/2014 8:25	0.272
31	12/30/2014 8:26	0.278
32	12/30/2014 8:27	0.282
33	12/30/2014 8:28	0.288
34	12/30/2014 8:29	0.292

35	12/30/2014 8:30	0.291
36	12/30/2014 8:31	0.297
37	12/30/2014 8:32	0.332
38	12/30/2014 8:33	0.31
39	12/30/2014 8:34	0.317
40	12/30/2014 8:35	0.312
41	12/30/2014 8:36	0.332
42	12/30/2014 8:37	0.332
43	12/30/2014 8:38	0.364
44	12/30/2014 8:39	0.337
45	12/30/2014 8:40	0.355
46	12/30/2014 8:41	0.359
47	12/30/2014 8:42	0.36
48	12/30/2014 8:43	0.348
49	12/30/2014 8:44	0.344
50	12/30/2014 8:45	0.383
51	12/30/2014 8:46	0.358
52	12/30/2014 8:47	0.344
53	12/30/2014 8:48	0.353
54	12/30/2014 8:49	0.366
55	12/30/2014 8:50	0.383
56	12/30/2014 8:51	0.388
57	12/30/2014 8:52	0.381
58	12/30/2014 8:53	0.378
59	12/30/2014 8:54	0.387
60	12/30/2014 8:55	0.39
61	12/30/2014 8:56	0.392
62	12/30/2014 8:57	0.394
63	12/30/2014 8:58	0.409
64	12/30/2014 8:59	0.4
65	12/30/2014 9:00	0.405
66	12/30/2014 9:01	0.414
67	12/30/2014 9:02	0.417
68	12/30/2014 9:03	0.426
69	12/30/2014 9:04	0.426
70	12/30/2014 9:05	0.425
71	12/30/2014 9:06	0.428
72	12/30/2014 9:07	0.428
73	12/30/2014 9:08	0.437
74	12/30/2014 9:09	0.437
75	12/30/2014 9:10	0.437
76	12/30/2014 9:11	0.442
77	12/30/2014 9:12	0.45
78	12/30/2014 9:13	0.456
79	12/30/2014 9:14	0.472
80	12/30/2014 9:15	0.479
81	12/30/2014 9:16	0.484
82	12/30/2014 9:17	0.488
83	12/30/2014 9:18	0.487
84	12/30/2014 9:19	0.495
85	12/30/2014 9:20	0.497
86	12/30/2014 9:21	0.501
87	12/30/2014 9:22	0.501
88	12/30/2014 9:23	0.503

89	12/30/2014 9:24	0.505
90	12/30/2014 9:25	0.516
91	12/30/2014 9:26	0.532
92	12/30/2014 9:27	0.536
93	12/30/2014 9:28	0.523
94	12/30/2014 9:29	0.523
95	12/30/2014 9:30	0.528
96	12/30/2014 9:31	0.532
97	12/30/2014 9:32	0.542
98	12/30/2014 9:33	0.544
99	12/30/2014 9:34	0.543
100	12/30/2014 9:35	0.549
101	12/30/2014 9:36	0.553
102	12/30/2014 9:37	0.563
103	12/30/2014 9:38	0.556
104	12/30/2014 9:39	0.56
105	12/30/2014 9:40	0.564
106	12/30/2014 9:41	0.566
107	12/30/2014 9:42	0.562
108	12/30/2014 9:43	0.56
109	12/30/2014 9:44	0.569
110	12/30/2014 9:45	0.561
111	12/30/2014 9:46	0.559
112	12/30/2014 9:47	0.554
113	12/30/2014 9:48	0.554
114	12/30/2014 9:49	0.564
115	12/30/2014 9:50	0.563
116	12/30/2014 9:51	0.559
117	12/30/2014 9:52	0.559
118	12/30/2014 9:53	0.551
119	12/30/2014 9:54	0.55
120	12/30/2014 9:55	0.553
121	12/30/2014 9:56	0.553
122	12/30/2014 9:57	0.575
123	12/30/2014 9:58	0.558
124	12/30/2014 9:59	0.556
125	12/30/2014 10:00	0.55
126	12/30/2014 10:01	0.555
127	12/30/2014 10:02	0.546
128	12/30/2014 10:03	0.539
129	12/30/2014 10:04	0.542
130	12/30/2014 10:05	0.546
131	12/30/2014 10:06	0.545
132	12/30/2014 10:07	0.538
133	12/30/2014 10:08	0.547
134	12/30/2014 10:09	0.542
135	12/30/2014 10:10	0.537
136	12/30/2014 10:11	0.53
137	12/30/2014 10:12	0.528
138	12/30/2014 10:13	0.542
139	12/30/2014 10:14	0.532
140	12/30/2014 10:15	0.54
141	12/30/2014 10:16	0.531
142	12/30/2014 10:17	0.523

143	12/30/2014 10:18	0.523
144	12/30/2014 10:19	0.551
145	12/30/2014 10:20	0.505
146	12/30/2014 10:21	0.499
147	12/30/2014 10:22	0.497
148	12/30/2014 10:23	0.495
149	12/30/2014 10:24	0.49
150	12/30/2014 10:25	0.489
151	12/30/2014 10:26	0.489
152	12/30/2014 10:27	0.492
153	12/30/2014 10:28	0.474
154	12/30/2014 10:29	0.473
155	12/30/2014 10:30	0.466
156	12/30/2014 10:31	0.458
157	12/30/2014 10:32	0.445
158	12/30/2014 10:33	0.443
159	12/30/2014 10:34	0.443
160	12/30/2014 10:35	0.441
161	12/30/2014 10:36	0.449
162	12/30/2014 10:37	0.44
163	12/30/2014 10:38	0.443
164	12/30/2014 10:39	0.453
165	12/30/2014 10:40	0.452
166	12/30/2014 10:41	0.454
167	12/30/2014 10:42	0.457
168	12/30/2014 10:43	0.451
169	12/30/2014 10:44	0.431
170	12/30/2014 10:45	0.432
171	12/30/2014 10:46	0.428
172	12/30/2014 10:47	0.462
173	12/30/2014 10:48	0.447
174	12/30/2014 10:49	0.429
175	12/30/2014 10:50	0.42
176	12/30/2014 10:51	0.418
177	12/30/2014 10:52	0.417
178	12/30/2014 10:53	0.414
179	12/30/2014 10:54	0.412
180	12/30/2014 10:55	0.405
181	12/30/2014 10:56	0.403
182	12/30/2014 10:57	0.398
183	12/30/2014 10:58	0.397
184	12/30/2014 10:59	0.396
185	12/30/2014 11:00	0.396
186	12/30/2014 11:01	0.393
187	12/30/2014 11:02	0.394
188	12/30/2014 11:03	0.385
189	12/30/2014 11:04	0.38
190	12/30/2014 11:05	0.379
191	12/30/2014 11:06	0.376
192	12/30/2014 11:07	0.38
193	12/30/2014 11:08	0.378
194	12/30/2014 11:09	0.374
195	12/30/2014 11:10	0.377
196	12/30/2014 11:11	0.369

197	12/30/2014 11:12	0.365
198	12/30/2014 11:13	0.366
199	12/30/2014 11:14	0.366
200	12/30/2014 11:15	0.365
201	12/30/2014 11:16	0.363
202	12/30/2014 11:17	0.357
203	12/30/2014 11:18	0.363
204	12/30/2014 11:19	0.357
205	12/30/2014 11:20	0.35
206	12/30/2014 11:21	0.351
207	12/30/2014 11:22	0.351
208	12/30/2014 11:23	0.354
209	12/30/2014 11:24	0.347
210	12/30/2014 11:25	0.352
211	12/30/2014 11:26	0.355
212	12/30/2014 11:27	0.359
213	12/30/2014 11:28	0.357
214	12/30/2014 11:29	0.36
215	12/30/2014 11:30	0.361
216	12/30/2014 11:31	0.362
217	12/30/2014 11:32	0.359
218	12/30/2014 11:33	0.36
219	12/30/2014 11:34	0.363
220	12/30/2014 11:35	0.36
221	12/30/2014 11:36	0.36
222	12/30/2014 11:37	0.359
223	12/30/2014 11:38	0.362
224	12/30/2014 11:39	0.359
225	12/30/2014 11:40	0.364
226	12/30/2014 11:41	0.37
227	12/30/2014 11:42	0.369
228	12/30/2014 11:43	0.37
229	12/30/2014 11:44	0.375
230	12/30/2014 11:45	0.375
231	12/30/2014 11:46	0.374
232	12/30/2014 11:47	0.372
233	12/30/2014 11:48	0.369
234	12/30/2014 11:49	0.366
235	12/30/2014 11:50	0.36
236	12/30/2014 11:51	0.355
237	12/30/2014 11:52	0.355
238	12/30/2014 11:53	0.356
239	12/30/2014 11:54	0.352
240	12/30/2014 11:55	0.356
241	12/30/2014 11:56	0.354
242	12/30/2014 11:57	0.366
243	12/30/2014 11:58	0.361
244	12/30/2014 11:59	0.357
245	12/30/2014 12:00	0.359
246	12/30/2014 12:01	0.361
247	12/30/2014 12:02	0.359
248	12/30/2014 12:03	0.362
249	12/30/2014 12:04	0.37
250	12/30/2014 12:05	0.365

251	12/30/2014 12:06	0.364
252	12/30/2014 12:07	0.364
253	12/30/2014 12:08	0.365
254	12/30/2014 12:09	0.366
255	12/30/2014 12:10	0.366
256	12/30/2014 12:11	0.359
257	12/30/2014 12:12	0.367
258	12/30/2014 12:13	0.367
259	12/30/2014 12:14	0.371
260	12/30/2014 12:15	0.373
261	12/30/2014 12:16	0.373
262	12/30/2014 12:17	0.376
263	12/30/2014 12:18	0.376
264	12/30/2014 12:19	0.375
265	12/30/2014 12:20	0.373
266	12/30/2014 12:21	0.372
267	12/30/2014 12:22	0.368
268	12/30/2014 12:23	0.371
269	12/30/2014 12:24	0.365
270	12/30/2014 12:25	0.369
271	12/30/2014 12:26	0.374
272	12/30/2014 12:27	0.378
273	12/30/2014 12:28	0.379
274	12/30/2014 12:29	0.375
275	12/30/2014 12:30	0.371
276	12/30/2014 12:31	0.37
277	12/30/2014 12:32	0.365
278	12/30/2014 12:33	0.369
279	12/30/2014 12:34	0.369
280	12/30/2014 12:35	0.363
281	12/30/2014 12:36	0.366
282	12/30/2014 12:37	0.363
283	12/30/2014 12:38	0.364
284	12/30/2014 12:39	0.36
285	12/30/2014 12:40	0.362
286	12/30/2014 12:41	0.366
287	12/30/2014 12:42	0.364
288	12/30/2014 12:43	0.356
289	12/30/2014 12:44	0.359
290	12/30/2014 12:45	0.362
291	12/30/2014 12:46	0.363
292	12/30/2014 12:47	0.359
293	12/30/2014 12:48	0.356
294	12/30/2014 12:49	0.355
295	12/30/2014 12:50	0.366
296	12/30/2014 12:51	0.364
297	12/30/2014 12:52	0.362
298	12/30/2014 12:53	0.37
299	12/30/2014 12:54	0.371
300	12/30/2014 12:55	0.373
301	12/30/2014 12:56	0.372
302	12/30/2014 12:57	0.38
303	12/30/2014 12:58	0.39
304	12/30/2014 12:59	0.384

305	12/30/2014 13:00	0.39
306	12/30/2014 13:01	0.399
307	12/30/2014 13:02	0.411
308	12/30/2014 13:03	0.397
309	12/30/2014 13:04	0.37
310	12/30/2014 13:05	0.393
311	12/30/2014 13:06	0.409
312	12/30/2014 13:07	0.385
313	12/30/2014 13:08	0.381
314	12/30/2014 13:09	0.382
315	12/30/2014 13:10	0.39
316	12/30/2014 13:11	0.391
317	12/30/2014 13:12	0.382
318	12/30/2014 13:13	0.386
319	12/30/2014 13:14	0.393
320	12/30/2014 13:15	0.391
321	12/30/2014 13:16	0.384
322	12/30/2014 13:17	0.382
323	12/30/2014 13:18	0.382
324	12/30/2014 13:19	0.385
325	12/30/2014 13:20	0.384
326	12/30/2014 13:21	0.382
327	12/30/2014 13:22	0.385
328	12/30/2014 13:23	0.393
329	12/30/2014 13:24	0.397
330	12/30/2014 13:25	0.402
331	12/30/2014 13:26	0.398
332	12/30/2014 13:27	0.403
333	12/30/2014 13:28	0.402
334	12/30/2014 13:29	0.398
335	12/30/2014 13:30	0.401
336	12/30/2014 13:31	0.392
337	12/30/2014 13:32	0.411
338	12/30/2014 13:33	0.401
339	12/30/2014 13:34	0.397
340	12/30/2014 13:35	0.401
341	12/30/2014 13:36	0.401
342	12/30/2014 13:37	0.401
343	12/30/2014 13:38	0.399
344	12/30/2014 13:39	0.402
345	12/30/2014 13:40	0.402
346	12/30/2014 13:41	0.406
347	12/30/2014 13:42	0.41
348	12/30/2014 13:43	0.422
349	12/30/2014 13:44	0.413
350	12/30/2014 13:45	0.415
351	12/30/2014 13:46	0.421
352	12/30/2014 13:47	0.421
353	12/30/2014 13:48	0.425
354	12/30/2014 13:49	0.421
355	12/30/2014 13:50	0.425
356	12/30/2014 13:51	0.43
357	12/30/2014 13:52	0.44
358	12/30/2014 13:53	0.435

359	12/30/2014 13:54	0.441
360	12/30/2014 13:55	0.444
361	12/30/2014 13:56	0.444
362	12/30/2014 13:57	0.449
363	12/30/2014 13:58	0.447
364	12/30/2014 13:59	0.449
365	12/30/2014 14:00	0.452
366	12/30/2014 14:01	0.45
367	12/30/2014 14:02	0.45
368	12/30/2014 14:03	0.454
369	12/30/2014 14:04	0.649
370	12/30/2014 14:05	0.574
371	12/30/2014 14:06	0.449
372	12/30/2014 14:07	0.444
373	12/30/2014 14:08	0.451
374	12/30/2014 14:09	0.455
375	12/30/2014 14:10	0.446
376	12/30/2014 14:11	0.447
377	12/30/2014 14:12	0.45
378	12/30/2014 14:13	0.455
379	12/30/2014 14:14	0.452
380	12/30/2014 14:15	0.457
381	12/30/2014 14:16	0.459
382	12/30/2014 14:17	0.465
383	12/30/2014 14:18	0.458
384	12/30/2014 14:19	0.463
385	12/30/2014 14:20	0.463
386	12/30/2014 14:21	0.467
387	12/30/2014 14:22	0.47
388	12/30/2014 14:23	0.467
389	12/30/2014 14:24	0.476
390	12/30/2014 14:25	0.474
391	12/30/2014 14:26	0.481
392	12/30/2014 14:27	0.483
393	12/30/2014 14:28	0.485
394	12/30/2014 14:29	0.486
395	12/30/2014 14:30	0.49
396	12/30/2014 14:31	0.492
397	12/30/2014 14:32	0.49
398	12/30/2014 14:33	0.493
399	12/30/2014 14:34	0.491
400	12/30/2014 14:35	0.489
401	12/30/2014 14:36	0.489
402	12/30/2014 14:37	0.495
403	12/30/2014 14:38	0.507
404	12/30/2014 14:39	0.508
405	12/30/2014 14:40	0.507
406	12/30/2014 14:41	0.501
407	12/30/2014 14:42	0.499
408	12/30/2014 14:43	0.502
409	12/30/2014 14:44	0.501
410	12/30/2014 14:45	0.499
411	12/30/2014 14:46	0.503
412	12/30/2014 14:47	0.508

413	12/30/2014 14:48	0.504
414	12/30/2014 14:49	0.502
415	12/30/2014 14:50	0.503
416	12/30/2014 14:51	0.504
417	12/30/2014 14:52	0.503
418	12/30/2014 14:53	0.51
419	12/30/2014 14:54	0.507
420	12/30/2014 14:55	0.507
421	12/30/2014 14:56	0.509
422	12/30/2014 14:57	0.509
423	12/30/2014 14:58	0.511
424	12/30/2014 14:59	0.513
425	12/30/2014 15:00	0.512
426	12/30/2014 15:01	0.512
427	12/30/2014 15:02	0.511
428	12/30/2014 15:03	0.521
429	12/30/2014 15:04	0.514
430	12/30/2014 15:05	0.513
431	12/30/2014 15:06	0.515
432	12/30/2014 15:07	0.515
433	12/30/2014 15:08	0.52
434	12/30/2014 15:09	0.521
435	12/30/2014 15:10	0.527
436	12/30/2014 15:11	0.521
437	12/30/2014 15:12	0.522
438	12/30/2014 15:13	0.523
439	12/30/2014 15:14	0.523
440	12/30/2014 15:15	0.53
441	12/30/2014 15:16	0.53
442	12/30/2014 15:17	0.533
443	12/30/2014 15:18	0.536
444	12/30/2014 15:19	0.539
445	12/30/2014 15:20	0.538
446	12/30/2014 15:21	0.533
447	12/30/2014 15:22	0.535
448	12/30/2014 15:23	0.543
449	12/30/2014 15:24	0.556
450	12/30/2014 15:25	0.536
451	12/30/2014 15:26	0.537
452	12/30/2014 15:27	0.536
453	12/30/2014 15:28	0.532
454	12/30/2014 15:29	0.534
455	12/30/2014 15:30	0.542
456	12/30/2014 15:31	0.536
457	12/30/2014 15:32	0.538
458	12/30/2014 15:33	0.538
459	12/30/2014 15:34	0.538
460	12/30/2014 15:35	0.543
461	12/30/2014 15:36	0.541
462	12/30/2014 15:37	0.543
463	12/30/2014 15:38	0.543
464	12/30/2014 15:39	0.545
465	12/30/2014 15:40	0.545
466	12/30/2014 15:41	0.545

467	12/30/2014 15:42	0.544
468	12/30/2014 15:43	0.546
469	12/30/2014 15:44	0.547
470	12/30/2014 15:45	0.548
471	12/30/2014 15:46	0.547
472	12/30/2014 15:47	0.548
473	12/30/2014 15:48	0.546
474	12/30/2014 15:49	0.549
475	12/30/2014 15:50	0.592
476	12/30/2014 15:51	0.602
477	12/30/2014 15:52	0.583

==========Event #2 information (end)==========

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

COMMUNITY AIR MONITORING DAILY LOG

Date: 12/31/14
Project: 3021 Orchard Park Road
Job No.: 0304-014-003
Client: 3021-3041 Orchard Park Road LLC

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map): In parking lot area in front of southwestern portion of building

DESCRIPTION OF SITE ACTIVITIES: Installation of monitoring well MW-4A

WEATHER CONDITIONS:

Time of Day:	A.M.	P.M.
Ambient Air Temp.:	16.0 °F	21.9°F
Wind Direction:	West	WSW
Wind Speed:	13.8 mph	17.3 mph
Precipitation:	none	Light snow

PARTICULATE MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 100 ug/m3 [1]			–		
					Dust meter Did not Record Any Data
Exceedence of 150 ug/m3 [1]			–		
Visual Observation of Fugitive Dust			NA		
			NA		
			NA		

VOC MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 5 ppm [1]			NONE		Temporarily halt Work and continue monitoring
Reading of 5 to 25 ppm [1]			NONE		Temporarily halt Work, abate emissions with corrective actions and continue monitoring [3]
Exceedence of 25 ppm [2]			NONE		Shut Down Work Immediately and notify Site Safety & Health Officer

1. Above background for 15 minute moving average.
2. Above background at Site perimeter (indicate location on attached sketch)
3. Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whicever is less) is below 5 ppm for 15 min.

NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: Josh Robinson Date: 12/31/14
Checked By: Date:

F:\CAD\TurnKey\3021-3041 Orchard Park Road\04 - RI-IRM-AA Work Plan\Figure 6; Proposed RI Sample Locations.dwg

12/31/14

MICHAEL ROAD

N

MW-OB

SB

PROPOSED MEDICAL BUILDING (± 7,213 SF)

SB

SB

SB

SB

SB

(# 2027) FAMILY DOLLAR

SB

(# 3029) FMR. TOPS, FMR. ANTIQUE MALL

SB

MW-OB

Am Work A

MW -4A

NEW PORTE-COCHERE

BH8 TPMW6

SB

(# 3041) FMR. CVS PHARMACY

SV

SB-2

SB

SV

SB

BH1 TPMW1

BH-14 TPMW-11

MW-BR MW-OB

(# 3035) FMR. HAIR SALON & DRY CLEANER

SB-1

NEW ADDITION

BH-13 TPMW-10

SB INDOOR AIR

BH7 TPMW5

(# 3037) FMR. PAINT SHOP

SB-5

SB-3

BH-10 TPMW-7

TPMW2

SB

BH6 TPMW4

SUBSLAB VAPOR

(# 3039) FMR. DRY CLEANER & FMR. INSTYLE HAIRDRESSING

SB-4

BH2

OUTDOOR AIR

SB

SB

SB

(# 3041) FMR. BANK & FMR. CREDIT UNION

BH5

BH4 TPMW3

BH-12 TPMW-9

BH-11 TPMW-8

MW-OB MW-BR

BH9

MW-OB MW-BR

SB

WALGRI PHARMACY

KEY BA

ORCHARD PARK ROAD

AM+PM mind

LEGEND:

	PROPERTY BOUNDARY
	PARCEL BOUNDARY
	EXISTING BUILDING (NO PLANNED DEVELOPMENT)
	PLANNED NEW REDEVELOPMENT
	PLANNED REDEVELOPMENT
SB-1	SOIL BORING (TURNKEY)
BH-10 TPMW-7	BORE HOLE / TEMPORARY WELL (TURNKEY)
BH-1	BORE HOLE (LCS)
BH6 TPMW4	BOREHOLE / TEMPORARY WELL (LCS)
SUB-1	AIR SAMPLE LOCATION (SUBSLAB VAPOR & OUTDOOR AIR)
SV-01	PLANNED SOIL VAPOR SAMPLE LOCATION (2)
SB	PLANNED RI SOIL BORING (18)
MW-OB	PLANNED RI OVERBURDEN MONITORING WELL (5)
MW-BR	PLANNED RI BEDROCK MONITORING WELL (3)

60' 0' 60' 120'

SCALE: 1 INCH = 60 FEET
SCALE IN FEET
(approximate)

DATE: JULY 2014
DRAFTED BY: BCH

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TURNKEY ENVIRONMENTAL RESTORATION, LLC

2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599

JOB NO.: 0304-014-002

PROPOSED RI SAMPLE LOCATIONS

RI/IRM/AA WORK PLAN

3021 ORCHARD PARK ROAD SITE
ORCHARD PARK, NEW YORK

PREPARED FOR
3021-3041 ORCHARD PARK ROAD LLC

FIGURE 6

DISCLAIMER: PROPERTY OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC. & TURNKEY ENVIRONMENTAL RESTORATION, LLC. IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. INFORMATION CONTAINED HEREON IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN NECESSARY SUBCONTRACTORS & SUPPLIERS WITHOUT THE WRITTEN CONSENT OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC & TURNKEY ENVIRONMENTAL RESTORATION, LLC.

==========Event #3 information (begin)==========

[Event #3 name:]--[Event #3]2014-12-31 08:53<-->2014-12-31 10:33

[Event start time:]--2014-12-31 08:53:40[Event end time:]--2014-12-31 10:33:40

==========Event #3 head information==========

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905528

Data Points: 100 Sample Period: 60 s Datalog Mode: Manual

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

Sensor Information : PID(ppm)

Alarm Type : TWA STEL AVG

Alarm Levels : 4.348 10.869 ---

==========Event #3 data informations==========

LINE#	Date/Time	PID(ppm)		
		TWA	STEL	AVG
1	12/31/2014 8:54	0	0	0
2	12/31/2014 8:55	0	0	0
3	12/31/2014 8:56	0	0	0
4	12/31/2014 8:57	0	0.001	0.002
5	12/31/2014 8:58	0	0.001	0.004
6	12/31/2014 8:59	0	0.002	0.006
7	12/31/2014 9:00	0	0.003	0.007
8	12/31/2014 9:01	0	0.005	0.009
9	12/31/2014 9:02	0	0.005	0.009
10	12/31/2014 9:03	0	0.005	0.008
11	12/31/2014 9:04	0	0.006	0.008
12	12/31/2014 9:05	0	0.007	0.008
13	12/31/2014 9:06	0	0.008	0.009
14	12/31/2014 9:07	0	0.009	0.01
15	12/31/2014 9:08	0	0.011	0.011
16	12/31/2014 9:09	0	0.012	0.012
17	12/31/2014 9:10	0	0.014	0.013
18	12/31/2014 9:11	0.001	0.016	0.014
19	12/31/2014 9:12	0.001	0.019	0.015
20	12/31/2014 9:13	0.001	0.022	0.017
21	12/31/2014 9:14	0.001	0.025	0.019
22	12/31/2014 9:15	0.001	0.028	0.021
23	12/31/2014 9:16	0.001	0.031	0.023
24	12/31/2014 9:17	0.001	0.035	0.025
25	12/31/2014 9:18	0.001	0.04	0.027
26	12/31/2014 9:19	0.002	0.047	0.03
27	12/31/2014 9:20	0.002	0.053	0.033
28	12/31/2014 9:21	0.002	0.06	0.035
29	12/31/2014 9:22	0.002	0.067	0.039
30	12/31/2014 9:23	0.003	0.075	0.042
31	12/31/2014 9:24	0.003	0.084	0.046
32	12/31/2014 9:25	0.003	0.093	0.049
33	12/31/2014 9:26	0.004	0.104	0.054
34	12/31/2014 9:27	0.004	0.115	0.058
35	12/31/2014 9:28	0.004	0.125	0.062
36	12/31/2014 9:29	0.005	0.136	0.066
37	12/31/2014 9:30	0.005	0.146	0.07
38	12/31/2014 9:31	0.006	0.156	0.074
39	12/31/2014 9:32	0.006	0.167	0.078

40	12/31/2014 9:33	0.007	0.177	0.081
41	12/31/2014 9:34	0.007	0.187	0.085
42	12/31/2014 9:35	0.008	0.197	0.089
43	12/31/2014 9:36	0.008	0.207	0.093
44	12/31/2014 9:37	0.009	0.216	0.096
45	12/31/2014 9:38	0.009	0.224	0.1
46	12/31/2014 9:39	0.01	0.233	0.103
47	12/31/2014 9:40	0.01	0.241	0.107
48	12/31/2014 9:41	0.011	0.248	0.11
49	12/31/2014 9:42	0.012	0.254	0.114
50	12/31/2014 9:43	0.012	0.26	0.117
51	12/31/2014 9:44	0.013	0.266	0.121
52	12/31/2014 9:45	0.013	0.271	0.124
53	12/31/2014 9:46	0.014	0.277	0.127
54	12/31/2014 9:47	0.015	0.282	0.13
55	12/31/2014 9:48	0.015	0.288	0.134
56	12/31/2014 9:49	0.016	0.294	0.137
57	12/31/2014 9:50	0.017	0.298	0.14
58	12/31/2014 9:51	0.017	0.302	0.143
59	12/31/2014 9:52	0.018	0.306	0.145
60	12/31/2014 9:53	0.019	0.31	0.148
61	12/31/2014 9:54	0.019	0.314	0.151
62	12/31/2014 9:55	0.02	0.319	0.154
63	12/31/2014 9:56	0.021	0.326	0.157
64	12/31/2014 9:57	0.021	0.33	0.16
65	12/31/2014 9:58	0.022	0.332	0.163
66	12/31/2014 9:59	0.023	0.334	0.165
67	12/31/2014 10:00	0.023	0.338	0.167
68	12/31/2014 10:01	0.024	0.34	0.17
69	12/31/2014 10:02	0.025	0.342	0.172
70	12/31/2014 10:03	0.025	0.345	0.174
71	12/31/2014 10:04	0.026	0.347	0.177
72	12/31/2014 10:05	0.027	0.349	0.179
73	12/31/2014 10:06	0.028	0.351	0.181
74	12/31/2014 10:07	0.028	0.355	0.184
75	12/31/2014 10:08	0.029	0.359	0.186
76	12/31/2014 10:09	0.03	0.365	0.189
77	12/31/2014 10:10	0.031	0.367	0.191
78	12/31/2014 10:11	0.031	0.37	0.194
79	12/31/2014 10:12	0.032	0.369	0.195
80	12/31/2014 10:13	0.033	0.368	0.197
81	12/31/2014 10:14	0.034	0.371	0.199
82	12/31/2014 10:15	0.034	0.373	0.201
83	12/31/2014 10:16	0.035	0.375	0.203
84	12/31/2014 10:17	0.036	0.378	0.205
85	12/31/2014 10:18	0.037	0.38	0.207
86	12/31/2014 10:19	0.037	0.382	0.209
87	12/31/2014 10:20	0.038	0.384	0.211
88	12/31/2014 10:21	0.039	0.386	0.212
89	12/31/2014 10:22	0.04	0.389	0.214
90	12/31/2014 10:23	0.041	0.39	0.216
91	12/31/2014 10:24	0.041	0.391	0.218
92	12/31/2014 10:25	0.042	0.389	0.219
93	12/31/2014 10:26	0.043	0.39	0.221

94	12/31/2014 10:27	0.044	0.389	0.223
95	12/31/2014 10:28	0.044	0.393	0.225
96	12/31/2014 10:29	0.046	0.431	0.232
97	12/31/2014 10:30	0.048	0.454	0.236
98	12/31/2014 10:31	0.049	0.458	0.238
99	12/31/2014 10:32	0.05	0.464	0.24
100	12/31/2014 10:33	0.051	0.471	0.243

==========Event #3 information (end)==========

==========Event #4 information (begin)==========

==========

[Event #4 name:]--[Event #4]2014-12-31 10:35<-->2014-12-31 11:57

[Event start time:]--2014-12-31 10:35:04[Event end time:]--2014-12-31 11:57:04

==========Event #4 head information==========

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905528

Data Points: 82 Sample Period: 60 s Datalog Mode: Manual

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

==========

Sensor Information : PID(ppm)

Alarm Type : TWA STEL AVG

Alarm Levels : 4.348 10.869 ---

==========Event #4 data informations==========

LINE#	Date/Time	PID(ppm)		
		TWA	STEL	AVG
1	12/31/2014 10:36	0	0.013	0.194
2	12/31/2014 10:37	0.001	0.018	0.133
3	12/31/2014 10:38	0.001	0.018	0.092
4	12/31/2014 10:39	0.001	0.022	0.082
5	12/31/2014 10:40	0.001	0.027	0.082
6	12/31/2014 10:41	0.001	0.033	0.083
7	12/31/2014 10:42	0.001	0.035	0.075
8	12/31/2014 10:43	0.001	0.037	0.069
9	12/31/2014 10:44	0.001	0.04	0.067
10	12/31/2014 10:45	0.001	0.045	0.068
11	12/31/2014 10:46	0.002	0.048	0.065
12	12/31/2014 10:47	0.002	0.051	0.064
13	12/31/2014 10:48	0.002	0.055	0.063
14	12/31/2014 10:49	0.002	0.058	0.062
15	12/31/2014 10:50	0.002	0.06	0.06
16	12/31/2014 10:51	0.002	0.066	0.062
17	12/31/2014 10:52	0.002	0.057	0.061
18	12/31/2014 10:53	0.002	0.055	0.061
19	12/31/2014 10:54	0.002	0.059	0.061
20	12/31/2014 10:55	0.003	0.061	0.062
21	12/31/2014 10:56	0.003	0.059	0.062
22	12/31/2014 10:57	0.003	0.056	0.061
23	12/31/2014 10:58	0.003	0.057	0.06
24	12/31/2014 10:59	0.003	0.057	0.059
25	12/31/2014 11:00	0.003	0.057	0.058
26	12/31/2014 11:01	0.003	0.053	0.057
27	12/31/2014 11:02	0.003	0.05	0.054
28	12/31/2014 11:03	0.003	0.048	0.053
29	12/31/2014 11:04	0.003	0.045	0.052
30	12/31/2014 11:05	0.003	0.044	0.051

31	12/31/2014 11:06	0.003	0.044	0.05
32	12/31/2014 11:07	0.003	0.039	0.049
33	12/31/2014 11:08	0.003	0.036	0.048
34	12/31/2014 11:09	0.003	0.033	0.047
35	12/31/2014 11:10	0.003	0.03	0.046
36	12/31/2014 11:11	0.003	0.028	0.046
37	12/31/2014 11:12	0.004	0.028	0.046
38	12/31/2014 11:13	0.004	0.03	0.047
39	12/31/2014 11:14	0.004	0.031	0.047
40	12/31/2014 11:15	0.004	0.036	0.049
41	12/31/2014 11:16	0.004	0.038	0.049
42	12/31/2014 11:17	0.004	0.039	0.049
43	12/31/2014 11:18	0.004	0.041	0.049
44	12/31/2014 11:19	0.004	0.042	0.048
45	12/31/2014 11:20	0.005	0.047	0.049
46	12/31/2014 11:21	0.005	0.051	0.05
47	12/31/2014 11:22	0.005	0.051	0.049
48	12/31/2014 11:23	0.005	0.053	0.049
49	12/31/2014 11:24	0.005	0.06	0.051
50	12/31/2014 11:25	0.005	0.061	0.05
51	12/31/2014 11:26	0.005	0.065	0.05
52	12/31/2014 11:27	0.006	0.066	0.051
53	12/31/2014 11:28	0.006	0.067	0.051
54	12/31/2014 11:29	0.006	0.068	0.052
55	12/31/2014 11:30	0.006	0.068	0.052
56	12/31/2014 11:31	0.006	0.063	0.052
57	12/31/2014 11:32	0.006	0.062	0.052
58	12/31/2014 11:33	0.006	0.064	0.052
59	12/31/2014 11:34	0.006	0.065	0.052
60	12/31/2014 11:35	0.006	0.066	0.052
61	12/31/2014 11:36	0.007	0.068	0.053
62	12/31/2014 11:37	0.007	0.064	0.052
63	12/31/2014 11:38	0.007	0.066	0.053
64	12/31/2014 11:39	0.007	0.065	0.052
65	12/31/2014 11:40	0.007	0.064	0.053
66	12/31/2014 11:41	0.007	0.066	0.053
67	12/31/2014 11:42	0.007	0.064	0.053
68	12/31/2014 11:43	0.007	0.061	0.052
69	12/31/2014 11:44	0.008	0.059	0.052
70	12/31/2014 11:45	0.008	0.057	0.052
71	12/31/2014 11:46	0.008	0.06	0.053
72	12/31/2014 11:47	0.008	0.06	0.053
73	12/31/2014 11:48	0.008	0.062	0.053
74	12/31/2014 11:49	0.008	0.061	0.053
75	12/31/2014 11:50	0.008	0.061	0.053
76	12/31/2014 11:51	0.008	0.064	0.053
77	12/31/2014 11:52	0.009	0.059	0.053
78	12/31/2014 11:53	0.009	0.062	0.054
79	12/31/2014 11:54	0.009	0.063	0.054
80	12/31/2014 11:55	0.009	0.066	0.054
81	12/31/2014 11:56	0.009	0.062	0.054
82	12/31/2014 11:57	0.009	0.061	0.054

==========Event #4 information (end)==========

==========Event #3 information (begin)==========

[Event #3 name:]--[Event #3]2014-12-31 08:53<-->2014-12-31 10:33

[Event start time:]--2014-12-31 08:53:40[Event end time:]--2014-12-31 10:33:40

==========Event #3 head information==========

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905528

Data Points: 100 Sample Period: 60 s Datalog Mode: Manual

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

Sensor Information : PID(ppm)

Measurement Gas : Isobutene

Calibration Time : 2014-12-19 07:35:00

Drift Value : ---

Low Alarm Levels : 21.738

High Alarm Levels : 43.476

Span Value : 100.000

Correction Factor : 1.00

Over Alarm Levels : 15000.000

==========Event #3 data informations==========

LINE#	Date/Time	PID(ppm)
1	12/31/2014 8:54	0
2	12/31/2014 8:55	0
3	12/31/2014 8:56	0
4	12/31/2014 8:57	0.008
5	12/31/2014 8:58	0.014
6	12/31/2014 8:59	0.013
7	12/31/2014 9:00	0.016
8	12/31/2014 9:01	0.021
9	12/31/2014 9:02	0.006
10	12/31/2014 9:03	0
11	12/31/2014 9:04	0.006
12	12/31/2014 9:05	0.014
13	12/31/2014 9:06	0.02
14	12/31/2014 9:07	0.022
15	12/31/2014 9:08	0.023
16	12/31/2014 9:09	0.023
17	12/31/2014 9:10	0.027
18	12/31/2014 9:11	0.031
19	12/31/2014 9:12	0.039
20	12/31/2014 9:13	0.051
21	12/31/2014 9:14	0.058
22	12/31/2014 9:15	0.063
23	12/31/2014 9:16	0.068
24	12/31/2014 9:17	0.075
25	12/31/2014 9:18	0.086
26	12/31/2014 9:19	0.093
27	12/31/2014 9:20	0.102
28	12/31/2014 9:21	0.112
29	12/31/2014 9:22	0.134
30	12/31/2014 9:23	0.133
31	12/31/2014 9:24	0.158
32	12/31/2014 9:25	0.16
33	12/31/2014 9:26	0.19
34	12/31/2014 9:27	0.197

35	12/31/2014 9:28	0.193
36	12/31/2014 9:29	0.222
37	12/31/2014 9:30	0.201
38	12/31/2014 9:31	0.22
39	12/31/2014 9:32	0.225
40	12/31/2014 9:33	0.227
41	12/31/2014 9:34	0.24
42	12/31/2014 9:35	0.248
43	12/31/2014 9:36	0.245
44	12/31/2014 9:37	0.25
45	12/31/2014 9:38	0.257
46	12/31/2014 9:39	0.267
47	12/31/2014 9:40	0.267
48	12/31/2014 9:41	0.272
49	12/31/2014 9:42	0.285
50	12/31/2014 9:43	0.287
51	12/31/2014 9:44	0.278
52	12/31/2014 9:45	0.295
53	12/31/2014 9:46	0.294
54	12/31/2014 9:47	0.3
55	12/31/2014 9:48	0.315
56	12/31/2014 9:49	0.315
57	12/31/2014 9:50	0.298
58	12/31/2014 9:51	0.305
59	12/31/2014 9:52	0.301
60	12/31/2014 9:53	0.32
61	12/31/2014 9:54	0.315
62	12/31/2014 9:55	0.34
63	12/31/2014 9:56	0.363
64	12/31/2014 9:57	0.346
65	12/31/2014 9:58	0.311
66	12/31/2014 9:59	0.312
67	12/31/2014 10:00	0.334
68	12/31/2014 10:01	0.325
69	12/31/2014 10:02	0.331
70	12/31/2014 10:03	0.339
71	12/31/2014 10:04	0.355
72	12/31/2014 10:05	0.335
73	12/31/2014 10:06	0.333
74	12/31/2014 10:07	0.363
75	12/31/2014 10:08	0.366
76	12/31/2014 10:09	0.404
77	12/31/2014 10:10	0.354
78	12/31/2014 10:11	0.38
79	12/31/2014 10:12	0.341
80	12/31/2014 10:13	0.343
81	12/31/2014 10:14	0.343
82	12/31/2014 10:15	0.349
83	12/31/2014 10:16	0.361
84	12/31/2014 10:17	0.367
85	12/31/2014 10:18	0.363
86	12/31/2014 10:19	0.373
87	12/31/2014 10:20	0.378
88	12/31/2014 10:21	0.37

89	12/31/2014 10:22	0.378
90	12/31/2014 10:23	0.386
91	12/31/2014 10:24	0.371
92	12/31/2014 10:25	0.374
93	12/31/2014 10:26	0.371
94	12/31/2014 10:27	0.373
95	12/31/2014 10:28	0.398
96	12/31/2014 10:29	0.911
97	12/31/2014 10:30	0.68
98	12/31/2014 10:31	0.418
99	12/31/2014 10:32	0.455
100	12/31/2014 10:33	0.472

==========Event #3 information (end)==========

==========Event #4 information (begin)==========

==========

[Event #4 name:]--[Event #4]2014-12-31 10:35<-->2014-12-31 11:57

[Event start time:]--2014-12-31 10:35:04[Event end time:]--2014-12-31 11:57:04

==========Event #4 head information==========

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905528

Data Points: 82 Sample Period: 60 s Datalog Mode: Manual

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode

==========

Sensor Information : PID(ppm)

Measurement Gas : Isobutene

Calibration Time : 2014-12-19 07:35:00

Drift Value : ---

Low Alarm Levels : 21.738

High Alarm Levels : 43.476

Span Value : 100.000

Correction Factor : 1.00

Over Alarm Levels : 15000.000

==========Event #4 data informations==========

LINE#	Date/Time	PID(ppm)
1	12/31/2014 10:36	0.194
2	12/31/2014 10:37	0.072
3	12/31/2014 10:38	0.011
4	12/31/2014 10:39	0.051
5	12/31/2014 10:40	0.084
6	12/31/2014 10:41	0.086
7	12/31/2014 10:42	0.028
8	12/31/2014 10:43	0.028
9	12/31/2014 10:44	0.048
10	12/31/2014 10:45	0.074
11	12/31/2014 10:46	0.044
12	12/31/2014 10:47	0.049
13	12/31/2014 10:48	0.051
14	12/31/2014 10:49	0.051
15	12/31/2014 10:50	0.025
16	12/31/2014 10:51	0.093
17	12/31/2014 10:52	0.056
18	12/31/2014 10:53	0.05
19	12/31/2014 10:54	0.06
20	12/31/2014 10:55	0.085

21	12/31/2014 10:56	0.058
22	12/31/2014 10:57	0.037
23	12/31/2014 10:58	0.041
24	12/31/2014 10:59	0.033
25	12/31/2014 11:00	0.049
26	12/31/2014 11:01	0.011
27	12/31/2014 11:02	0.001
28	12/31/2014 11:03	0.016
29	12/31/2014 11:04	0.016
30	12/31/2014 11:05	0.027
31	12/31/2014 11:06	0.022
32	12/31/2014 11:07	0.02
33	12/31/2014 11:08	0.013
34	12/31/2014 11:09	0.009
35	12/31/2014 11:10	0.007
36	12/31/2014 11:11	0.053
37	12/31/2014 11:12	0.06
38	12/31/2014 11:13	0.071
39	12/31/2014 11:14	0.051
40	12/31/2014 11:15	0.118
41	12/31/2014 11:16	0.069
42	12/31/2014 11:17	0.029
43	12/31/2014 11:18	0.036
44	12/31/2014 11:19	0.031
45	12/31/2014 11:20	0.086
46	12/31/2014 11:21	0.084
47	12/31/2014 11:22	0.031
48	12/31/2014 11:23	0.053
49	12/31/2014 11:24	0.107
50	12/31/2014 11:25	0.027
51	12/31/2014 11:26	0.066
52	12/31/2014 11:27	0.077
53	12/31/2014 11:28	0.066
54	12/31/2014 11:29	0.083
55	12/31/2014 11:30	0.056
56	12/31/2014 11:31	0.04
57	12/31/2014 11:32	0.056
58	12/31/2014 11:33	0.06
59	12/31/2014 11:34	0.058
60	12/31/2014 11:35	0.042
61	12/31/2014 11:36	0.116
62	12/31/2014 11:37	0.026
63	12/31/2014 11:38	0.061
64	12/31/2014 11:39	0.028
65	12/31/2014 11:40	0.1
66	12/31/2014 11:41	0.062
67	12/31/2014 11:42	0.023
68	12/31/2014 11:43	0.038
69	12/31/2014 11:44	0.04
70	12/31/2014 11:45	0.045
71	12/31/2014 11:46	0.098
72	12/31/2014 11:47	0.051
73	12/31/2014 11:48	0.08
74	12/31/2014 11:49	0.042

75	12/31/2014 11:50	0.065
76	12/31/2014 11:51	0.078
77	12/31/2014 11:52	0.054
78	12/31/2014 11:53	0.072
79	12/31/2014 11:54	0.064
80	12/31/2014 11:55	0.074
81	12/31/2014 11:56	0.047
82	12/31/2014 11:57	0.048

==========Event #4 information (end)==========

COMMUNITY AIR MONITORING DAILY LOG

Date: 1/5/15
Project: 3021 Orchard Park Rd
Job No.: 0304-014-004
Client: 3021-3041 Orchard Park Rd, LLC

LOCATION of ACTIVITIES/MONITORING STATIONS (Provide Sketch on Attached Map):

DESCRIPTION OF SITE ACTIVITIES: Advancement of B-23

WEATHER CONDITIONS:

Time of Day:	815 A.M.	1315 P.M.
Ambient Air Temp.:	15°F	13°F
Wind Direction:	West	West
Wind Speed:	20-25 mph	20-25 mph
Precipitation:	None	None

PARTICULATE MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 100 ug/m3 [1]			None		
Exceedence of 150 ug/m3 [1]			None		
Visual Observation of Fugitive Dust			NA		
			NA		
			NA		

VOC MONITORING	Location	Time	Value	Duration	Corrective Measures Taken (Eng Controls/Work Stoppage, etc.)
Exceedence of 5 ppm [1]			None		Temporarily halt Work and continue monitoring
Reading of 5 to 25 ppm [1]			None		Temporarily halt Work, abate emissions with corrective actions and continue monitoring [3]
Exceedence of 25 ppm [2]			None		Shut Down Work Immediately and notify Site Safety & Health Officer

1. Above background for 15 minute moving average.
2. Above background at Site perimeter (indicate location on attached sketch)
3. Work may resume when total VOC conc. 200 ft downwind or half the distance to nearest receptor (whicever is less) is below 5 ppm for 15 min.

NOTE: All exceedences are to be reported to Benchmark within 15 minutes.

Prepared By: TAB Date: 1/5/15
Checked By: Date:

1/15/15 mon

MICHAEL ROAD

MW-OB

SB

PROPOSED MEDICAL BUILDING (± 7,213 SF)

SB

SB

SB

SB

SB

(# 3027) FAMILY DOLLAR

SB

SB

WALGRI PHARMACY

(# 3033) FMR. TOPS, FMR. ANTIQUE MALL

SB

MW-OB

SB

NEW PORTE-COCHERE

(# 3031) SV. FMR. CVS PHARMACY

SV

SB-2

BH1 TPMW1

BH8 TPMW6

SB

SB-1

MW-BR MW-OB

(# 3035) FMR. HAIR SALON & DRY CLEANER

BH-13 TPMW10

SB INDOOR AIR

NEW ADDITION

(# 3037) FMR. PAINT SHOP

SB-5

SB-3

BH-10 TPMW-7

TPMW2

BH7 TPMW5

SUBSLAB VAPOR

BH2

SB

BH6 TPMW4

(# 3039) FMR. DRY CLEANER & FMR. INSTY-PRINT PRINTING CTR.

OUTDOOR AIR

SB

SB

SB

SB

(# 3041) FMR. BANK & FMR. CREDIT UNION

BH-12 TPMW-9

BH5

BH4 TPMW3

BH-11 TPMW-8

MW-OB MW-BR

BH9

MW-OB MW-BR

SB

KEY BA

ORCHARD PARK ROAD

ROOK DRIVE

AM + PM wind

Dual Work Area

B23

N

LEGEND:

- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- EXISTING BUILDING (NO PLANNED DEVELOPMENT)
- PLANNED NEW REDEVELOPMENT
- PLANNED REDEVELOPMENT
- SB-1 — SOIL BORING (TURNKEY)
- BH-10 TPMW-7 — BORE HOLE / TEMPORARY WELL (TURNKEY)
- BH-1 — BORE HOLE (LCS)
- BH6 TPMW4 — BOREHOLE / TEMPORARY WELL (LCS)
- SUB-1 — AIR SAMPLE LOCATION (SUBSLAB VAPOR & OUTDOOR AIR)
- SV-01 — PLANNED SOIL VAPOR SAMPLE LOCATION (2)
- SB — PLANNED RI SOIL BORING (18)
- MW-OB — PLANNED RI OVERBURDEN MONITORING WELL (5)
- MW-BR — PLANNED RI BEDROCK MONITORING WELL (3)

60' 0' 60' 120'

SCALE: 1 INCH = 60 FEET
SCALE IN FEET
(approximate)

DATE: JULY 2014
DRAFTED BY: BCH

FXCADITurnKey\3021-3041 Orchard Park Road\04 - RI-IRM-AA Work Plan\Figure 6; Proposed RI Sample Locations.dwg

PROPOSED RI SAMPLE LOCATIONS

RI/IRM/AA WORK PLAN

3021 ORCHARD PARK ROAD SITE
ORCHARD PARK, NEW YORK

PREPARED FOR
3021-3041 ORCHARD PARK ROAD LLC

FIGURE 6

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
TURNKEY ENVIRONMENTAL RESTORATION LLC
2558 HAMBURG TURNPIKE, SUITE 300, BUFFALO, NY 14218, (716) 856-0599

JOB NO.: 0304-014-002

DISCLAIMER: PROPERTY OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC. & TURNKEY ENVIRONMENTAL RESTORATION, LLC. IMPORTANT: THIS DRAWING PRINT IS LOANED FOR MUTUAL ASSISTANCE AND AS SUCH IS SUBJECT TO RECALL AT ANY TIME. INFORMATION CONTAINED HEREON IS NOT TO BE DISCLOSED OR REPRODUCED IN ANY FORM FOR THE BENEFIT OF PARTIES OTHER THAN NECESSARY SUBCONTRACTORS & SUPPLIERS WITHOUT THE WRITTEN CONSENT OF BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC & TURNKEY ENVIRONMENTAL RESTORATION, LLC.

Test 001

Instrument		Data Properties	
Model	SidePak Aerosol Monitor	Start Date	01/05/2015
Meter S/N	11106036	Start Time	08:17:45
		Stop Date	01/05/2015
		Stop Time	13:02:45
		Total Time	0:04:45:00
		Logging Interval	900 seconds

Statistics	
	Aerosol
Avg	0.014 mg/m^3
Max	0.055 mg/m^3
Max Date	01/05/2015
Max Time	10:02:45
Min	0.001 mg/m^3
Min Date	01/05/2015
Min Time	10:47:45
TWA (8 hr)	0.008
TWA Start Date	01/05/2015
TWA Start Time	08:17:45
TWA End Time	13:02:45

Test Data			
Data Point	**Date**	**Time**	**Aerosol mg/m^3**
1	01/05/2015	08:32:45	0.022
2	01/05/2015	08:47:45	0.028
3	01/05/2015	09:02:45	0.026
4	01/05/2015	09:17:45	0.028
5	01/05/2015	09:32:45	0.022
6	01/05/2015	09:47:45	0.025
7	01/05/2015	10:02:45	0.055
8	01/05/2015	10:17:45	0.018
9	01/05/2015	10:32:45	0.002
10	01/05/2015	10:47:45	0.001
11	01/05/2015	11:02:45	0.001
12	01/05/2015	11:17:45	0.001
13	01/05/2015	11:32:45	0.002
14	01/05/2015	11:47:45	0.001
15	01/05/2015	12:02:45	0.001
16	01/05/2015	12:17:45	0.002
17	01/05/2015	12:32:45	0.001
18	01/05/2015	12:47:45	0.022
19	01/05/2015	13:02:45	0.001

==========Event #1 information (begin)==========
==========
[Event #1 name:]--[Event #1]2015-01-05 08:23<-->2015-01-05 13:15
[Event start time:]--2015-01-05 08:23:40[Event end time:]--2015-01-05 13:15:40
==========Event #1 head information==========
Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905528
Data Points: 292 Sample Period: 60 s Datalog Mode: Manual
SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode
==========
=========Event #1 summary informations =========
========== Sensor Alarm Levels ==========
Sensor Information : PID(ppm)
Measurement Gas : Isobutene
Calibration Time : 2014-12-19 07:35:00
Drift Value : ---
Low Alarm Levels : 21.738
High Alarm Levels : 43.476
Span Value : 100.000
Correction Factor : 1.00
Over Alarm Levels : 15000.000
AVG Alarm Levels : ---
STEL Alarm Levels : 10.869
TWA Alarm Levels : 4.348
========== Sensor value summary ==========
Peak Data Value : 0.602
Minimum Data Value : 0.031
TWA Data Value : 0.244
STEL Data Value : 0.558
AVG Data Value : 0.401
==========Event #1 information (end)==========

Event data log export

=======Event data log event list (begin)=======
[Event #1 name:]--[Event #1]2015-01-05 08:23<-->2015-01-05 13:15
[Event start time:]--2015-01-05 08:23:40[Event end time:]--2015-01-05 13:15:40
[Event #2 name:]--[Event #2]2014-12-30 07:55<-->2014-12-30 07:55
[Event start time:]--2014-12-30 07:55:04[Event end time:]--2014-12-30 07:55:04
========Event data log event list (end)========

==========Event #1 information (begin)==========
==========
[Event #1 name:]--[Event #1]2015-01-05 08:23<-->2015-01-05 13:15
[Event start time:]--2015-01-05 08:23:40[Event end time:]--2015-01-05 13:15:40
===========Event #1 head information===========
Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905528
Data Points: 292 Sample Period: 60 s Datalog Mode: Manual
SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode
==========
Sensor Information : PID(ppm)
Alarm Type : TWA STEL AVG
Alarm Levels : 4.348 10.869 ---
===========Event #1 data informations===========

LINE#	Date/Time	PID(ppm)		
		TWA	STEL	AVG
1	1/5/2015 8:24	0	0.002	0.031
2	1/5/2015 8:25	0	0.006	0.045
3	1/5/2015 8:26	0	0.01	0.048
4	1/5/2015 8:27	0	0.015	0.055
5	1/5/2015 8:28	0.001	0.021	0.063
6	1/5/2015 8:29	0.001	0.026	0.065
7	1/5/2015 8:30	0.001	0.032	0.069
8	1/5/2015 8:31	0.001	0.039	0.073
9	1/5/2015 8:32	0.001	0.046	0.077
10	1/5/2015 8:33	0.002	0.055	0.082
11	1/5/2015 8:34	0.002	0.069	0.094
12	1/5/2015 8:35	0.002	0.078	0.098
13	1/5/2015 8:36	0.003	0.089	0.102
14	1/5/2015 8:37	0.003	0.101	0.108
15	1/5/2015 8:38	0.004	0.113	0.113
16	1/5/2015 8:39	0.004	0.126	0.118
17	1/5/2015 8:40	0.004	0.135	0.121
18	1/5/2015 8:41	0.005	0.145	0.126
19	1/5/2015 8:42	0.005	0.155	0.13
20	1/5/2015 8:43	0.006	0.168	0.137
21	1/5/2015 8:44	0.006	0.177	0.141
22	1/5/2015 8:45	0.007	0.185	0.144
23	1/5/2015 8:46	0.007	0.192	0.146
24	1/5/2015 8:47	0.007	0.199	0.149
25	1/5/2015 8:48	0.008	0.208	0.152
26	1/5/2015 8:49	0.008	0.217	0.157
27	1/5/2015 8:50	0.009	0.219	0.16
28	1/5/2015 8:51	0.01	0.228	0.164
29	1/5/2015 8:52	0.01	0.235	0.167
30	1/5/2015 8:53	0.011	0.24	0.17
31	1/5/2015 8:54	0.011	0.248	0.175

32	1/5/2015 8:55	0.012	0.259	0.181
33	1/5/2015 8:56	0.013	0.271	0.186
34	1/5/2015 8:57	0.013	0.279	0.189
35	1/5/2015 8:58	0.014	0.285	0.193
36	1/5/2015 8:59	0.015	0.289	0.197
37	1/5/2015 9:00	0.015	0.297	0.201
38	1/5/2015 9:01	0.016	0.307	0.205
39	1/5/2015 9:02	0.017	0.329	0.213
40	1/5/2015 9:03	0.018	0.343	0.218
41	1/5/2015 9:04	0.019	0.352	0.222
42	1/5/2015 9:05	0.02	0.362	0.226
43	1/5/2015 9:06	0.021	0.373	0.23
44	1/5/2015 9:07	0.022	0.382	0.235
45	1/5/2015 9:08	0.022	0.392	0.239
46	1/5/2015 9:09	0.023	0.403	0.242
47	1/5/2015 9:10	0.024	0.417	0.248
48	1/5/2015 9:11	0.025	0.43	0.255
49	1/5/2015 9:12	0.026	0.437	0.259
50	1/5/2015 9:13	0.027	0.449	0.263
51	1/5/2015 9:14	0.029	0.463	0.268
52	1/5/2015 9:15	0.03	0.472	0.272
53	1/5/2015 9:16	0.03	0.48	0.276
54	1/5/2015 9:17	0.031	0.486	0.279
55	1/5/2015 9:18	0.032	0.483	0.283
56	1/5/2015 9:19	0.033	0.488	0.286
57	1/5/2015 9:20	0.034	0.492	0.289
58	1/5/2015 9:21	0.035	0.495	0.292
59	1/5/2015 9:22	0.036	0.498	0.295
60	1/5/2015 9:23	0.037	0.498	0.297
61	1/5/2015 9:24	0.038	0.501	0.299
62	1/5/2015 9:25	0.039	0.506	0.302
63	1/5/2015 9:26	0.04	0.502	0.305
64	1/5/2015 9:27	0.041	0.493	0.307
65	1/5/2015 9:28	0.042	0.49	0.308
66	1/5/2015 9:29	0.043	0.486	0.31
67	1/5/2015 9:30	0.044	0.48	0.312
68	1/5/2015 9:31	0.044	0.476	0.313
69	1/5/2015 9:32	0.045	0.474	0.315
70	1/5/2015 9:33	0.046	0.475	0.317
71	1/5/2015 9:34	0.047	0.474	0.319
72	1/5/2015 9:35	0.048	0.472	0.321
73	1/5/2015 9:36	0.049	0.475	0.323
74	1/5/2015 9:37	0.05	0.476	0.325
75	1/5/2015 9:38	0.051	0.477	0.327
76	1/5/2015 9:39	0.052	0.48	0.329
77	1/5/2015 9:40	0.053	0.478	0.33
78	1/5/2015 9:41	0.054	0.473	0.331
79	1/5/2015 9:42	0.055	0.47	0.332
80	1/5/2015 9:43	0.056	0.471	0.334
81	1/5/2015 9:44	0.056	0.471	0.335
82	1/5/2015 9:45	0.057	0.474	0.336
83	1/5/2015 9:46	0.058	0.475	0.337
84	1/5/2015 9:47	0.059	0.474	0.338
85	1/5/2015 9:48	0.06	0.473	0.339
86	1/5/2015 9:49	0.061	0.471	0.34

87	1/5/2015 9:50	0.062	0.468	0.341
88	1/5/2015 9:51	0.063	0.464	0.342
89	1/5/2015 9:52	0.064	0.459	0.343
90	1/5/2015 9:53	0.064	0.457	0.344
91	1/5/2015 9:54	0.065	0.456	0.345
92	1/5/2015 9:55	0.066	0.454	0.346
93	1/5/2015 9:56	0.067	0.458	0.347
94	1/5/2015 9:57	0.068	0.464	0.349
95	1/5/2015 9:58	0.07	0.476	0.351
96	1/5/2015 9:59	0.071	0.484	0.354
97	1/5/2015 10:00	0.072	0.489	0.355
98	1/5/2015 10:01	0.073	0.493	0.357
99	1/5/2015 10:02	0.074	0.497	0.358
100	1/5/2015 10:03	0.075	0.501	0.359
101	1/5/2015 10:04	0.076	0.504	0.36
102	1/5/2015 10:05	0.077	0.505	0.361
103	1/5/2015 10:06	0.078	0.508	0.362
104	1/5/2015 10:07	0.079	0.509	0.363
105	1/5/2015 10:08	0.08	0.512	0.363
106	1/5/2015 10:09	0.08	0.511	0.364
107	1/5/2015 10:10	0.081	0.512	0.365
108	1/5/2015 10:11	0.082	0.513	0.366
109	1/5/2015 10:12	0.083	0.512	0.367
110	1/5/2015 10:13	0.084	0.508	0.367
111	1/5/2015 10:14	0.085	0.497	0.368
112	1/5/2015 10:15	0.086	0.488	0.368
113	1/5/2015 10:16	0.087	0.481	0.369
114	1/5/2015 10:17	0.088	0.475	0.369
115	1/5/2015 10:18	0.089	0.469	0.37
116	1/5/2015 10:19	0.089	0.465	0.37
117	1/5/2015 10:20	0.09	0.462	0.37
118	1/5/2015 10:21	0.091	0.459	0.37
119	1/5/2015 10:22	0.092	0.456	0.371
120	1/5/2015 10:23	0.093	0.454	0.371
121	1/5/2015 10:24	0.094	0.451	0.371
122	1/5/2015 10:25	0.094	0.45	0.372
123	1/5/2015 10:26	0.095	0.447	0.372
124	1/5/2015 10:27	0.096	0.444	0.372
125	1/5/2015 10:28	0.097	0.441	0.373
126	1/5/2015 10:29	0.098	0.438	0.373
127	1/5/2015 10:30	0.099	0.435	0.373
128	1/5/2015 10:31	0.1	0.434	0.373
129	1/5/2015 10:32	0.1	0.434	0.374
130	1/5/2015 10:33	0.101	0.433	0.374
131	1/5/2015 10:34	0.102	0.432	0.374
132	1/5/2015 10:35	0.103	0.432	0.374
133	1/5/2015 10:36	0.104	0.431	0.374
134	1/5/2015 10:37	0.105	0.431	0.374
135	1/5/2015 10:38	0.105	0.429	0.375
136	1/5/2015 10:39	0.106	0.428	0.375
137	1/5/2015 10:40	0.107	0.427	0.375
138	1/5/2015 10:41	0.108	0.425	0.375
139	1/5/2015 10:42	0.109	0.424	0.375
140	1/5/2015 10:43	0.109	0.421	0.375
141	1/5/2015 10:44	0.11	0.419	0.375

142	1/5/2015 10:45	0.111	0.418	0.375
143	1/5/2015 10:46	0.112	0.418	0.375
144	1/5/2015 10:47	0.113	0.416	0.375
145	1/5/2015 10:48	0.113	0.414	0.375
146	1/5/2015 10:49	0.114	0.412	0.375
147	1/5/2015 10:50	0.115	0.409	0.375
148	1/5/2015 10:51	0.116	0.407	0.375
149	1/5/2015 10:52	0.116	0.405	0.375
150	1/5/2015 10:53	0.117	0.403	0.375
151	1/5/2015 10:54	0.118	0.401	0.375
152	1/5/2015 10:55	0.119	0.399	0.375
153	1/5/2015 10:56	0.119	0.398	0.375
154	1/5/2015 10:57	0.12	0.396	0.374
155	1/5/2015 10:58	0.121	0.395	0.374
156	1/5/2015 10:59	0.122	0.393	0.374
157	1/5/2015 11:00	0.122	0.391	0.374
158	1/5/2015 11:01	0.123	0.389	0.374
159	1/5/2015 11:02	0.124	0.387	0.374
160	1/5/2015 11:03	0.125	0.385	0.374
161	1/5/2015 11:04	0.125	0.385	0.374
162	1/5/2015 11:05	0.126	0.384	0.374
163	1/5/2015 11:06	0.127	0.384	0.373
164	1/5/2015 11:07	0.128	0.383	0.373
165	1/5/2015 11:08	0.128	0.384	0.373
166	1/5/2015 11:09	0.129	0.384	0.373
167	1/5/2015 11:10	0.13	0.384	0.373
168	1/5/2015 11:11	0.131	0.384	0.373
169	1/5/2015 11:12	0.131	0.383	0.373
170	1/5/2015 11:13	0.132	0.382	0.373
171	1/5/2015 11:14	0.133	0.382	0.373
172	1/5/2015 11:15	0.134	0.381	0.373
173	1/5/2015 11:16	0.134	0.382	0.373
174	1/5/2015 11:17	0.135	0.381	0.372
175	1/5/2015 11:18	0.136	0.381	0.372
176	1/5/2015 11:19	0.137	0.381	0.372
177	1/5/2015 11:20	0.137	0.381	0.372
178	1/5/2015 11:21	0.138	0.382	0.372
179	1/5/2015 11:22	0.139	0.383	0.372
180	1/5/2015 11:23	0.14	0.383	0.372
181	1/5/2015 11:24	0.14	0.382	0.372
182	1/5/2015 11:25	0.141	0.382	0.372
183	1/5/2015 11:26	0.142	0.382	0.372
184	1/5/2015 11:27	0.143	0.382	0.372
185	1/5/2015 11:28	0.143	0.382	0.372
186	1/5/2015 11:29	0.144	0.383	0.372
187	1/5/2015 11:30	0.145	0.385	0.372
188	1/5/2015 11:31	0.146	0.387	0.372
189	1/5/2015 11:32	0.146	0.387	0.372
190	1/5/2015 11:33	0.147	0.389	0.372
191	1/5/2015 11:34	0.148	0.389	0.372
192	1/5/2015 11:35	0.149	0.39	0.372
193	1/5/2015 11:36	0.149	0.391	0.372
194	1/5/2015 11:37	0.15	0.392	0.372
195	1/5/2015 11:38	0.151	0.393	0.372
196	1/5/2015 11:39	0.152	0.394	0.372

197	1/5/2015 11:40	0.153	0.396	0.372
198	1/5/2015 11:41	0.153	0.397	0.372
199	1/5/2015 11:42	0.154	0.399	0.372
200	1/5/2015 11:43	0.155	0.401	0.372
201	1/5/2015 11:44	0.156	0.403	0.372
202	1/5/2015 11:45	0.157	0.404	0.372
203	1/5/2015 11:46	0.157	0.405	0.372
204	1/5/2015 11:47	0.158	0.407	0.373
205	1/5/2015 11:48	0.159	0.409	0.373
206	1/5/2015 11:49	0.16	0.41	0.373
207	1/5/2015 11:50	0.161	0.412	0.373
208	1/5/2015 11:51	0.162	0.414	0.373
209	1/5/2015 11:52	0.163	0.417	0.373
210	1/5/2015 11:53	0.163	0.419	0.373
211	1/5/2015 11:54	0.164	0.422	0.374
212	1/5/2015 11:55	0.165	0.425	0.374
213	1/5/2015 11:56	0.166	0.428	0.374
214	1/5/2015 11:57	0.167	0.431	0.374
215	1/5/2015 11:58	0.168	0.434	0.375
216	1/5/2015 11:59	0.169	0.436	0.375
217	1/5/2015 12:00	0.17	0.439	0.375
218	1/5/2015 12:01	0.17	0.441	0.375
219	1/5/2015 12:02	0.171	0.444	0.376
220	1/5/2015 12:03	0.172	0.446	0.376
221	1/5/2015 12:04	0.173	0.448	0.376
222	1/5/2015 12:05	0.174	0.45	0.376
223	1/5/2015 12:06	0.175	0.453	0.377
224	1/5/2015 12:07	0.176	0.455	0.377
225	1/5/2015 12:08	0.177	0.458	0.377
226	1/5/2015 12:09	0.178	0.459	0.377
227	1/5/2015 12:10	0.179	0.46	0.378
228	1/5/2015 12:11	0.18	0.46	0.378
229	1/5/2015 12:12	0.18	0.46	0.378
230	1/5/2015 12:13	0.181	0.459	0.378
231	1/5/2015 12:14	0.182	0.459	0.379
232	1/5/2015 12:15	0.183	0.46	0.379
233	1/5/2015 12:16	0.184	0.461	0.379
234	1/5/2015 12:17	0.185	0.462	0.379
235	1/5/2015 12:18	0.186	0.463	0.38
236	1/5/2015 12:19	0.187	0.464	0.38
237	1/5/2015 12:20	0.188	0.465	0.38
238	1/5/2015 12:21	0.189	0.465	0.38
239	1/5/2015 12:22	0.19	0.465	0.381
240	1/5/2015 12:23	0.19	0.467	0.381
241	1/5/2015 12:24	0.191	0.468	0.381
242	1/5/2015 12:25	0.192	0.47	0.382
243	1/5/2015 12:26	0.193	0.472	0.382
244	1/5/2015 12:27	0.194	0.475	0.382
245	1/5/2015 12:28	0.195	0.477	0.383
246	1/5/2015 12:29	0.196	0.48	0.383
247	1/5/2015 12:30	0.197	0.482	0.383
248	1/5/2015 12:31	0.198	0.483	0.384
249	1/5/2015 12:32	0.199	0.485	0.384
250	1/5/2015 12:33	0.2	0.486	0.384
251	1/5/2015 12:34	0.201	0.488	0.385

252	1/5/2015 12:35	0.202	0.489	0.385
253	1/5/2015 12:36	0.203	0.491	0.385
254	1/5/2015 12:37	0.204	0.492	0.385
255	1/5/2015 12:38	0.205	0.494	0.386
256	1/5/2015 12:39	0.206	0.494	0.386
257	1/5/2015 12:40	0.207	0.495	0.386
258	1/5/2015 12:41	0.208	0.496	0.387
259	1/5/2015 12:42	0.209	0.496	0.387
260	1/5/2015 12:43	0.21	0.496	0.387
261	1/5/2015 12:44	0.211	0.497	0.388
262	1/5/2015 12:45	0.212	0.499	0.388
263	1/5/2015 12:46	0.213	0.501	0.389
264	1/5/2015 12:47	0.214	0.503	0.389
265	1/5/2015 12:48	0.215	0.506	0.389
266	1/5/2015 12:49	0.216	0.509	0.39
267	1/5/2015 12:50	0.217	0.513	0.39
268	1/5/2015 12:51	0.218	0.517	0.391
269	1/5/2015 12:52	0.219	0.52	0.391
270	1/5/2015 12:53	0.22	0.522	0.392
271	1/5/2015 12:54	0.221	0.524	0.392
272	1/5/2015 12:55	0.222	0.526	0.392
273	1/5/2015 12:56	0.223	0.527	0.393
274	1/5/2015 12:57	0.224	0.529	0.393
275	1/5/2015 12:58	0.225	0.53	0.393
276	1/5/2015 12:59	0.226	0.531	0.394
277	1/5/2015 13:00	0.227	0.532	0.394
278	1/5/2015 13:01	0.229	0.534	0.395
279	1/5/2015 13:02	0.23	0.536	0.395
280	1/5/2015 13:03	0.231	0.539	0.396
281	1/5/2015 13:04	0.232	0.541	0.396
282	1/5/2015 13:05	0.233	0.542	0.397
283	1/5/2015 13:06	0.234	0.541	0.397
284	1/5/2015 13:07	0.235	0.542	0.397
285	1/5/2015 13:08	0.236	0.542	0.398
286	1/5/2015 13:09	0.237	0.544	0.398
287	1/5/2015 13:10	0.238	0.547	0.399
288	1/5/2015 13:11	0.24	0.549	0.399
289	1/5/2015 13:12	0.241	0.551	0.4
290	1/5/2015 13:13	0.242	0.553	0.4
291	1/5/2015 13:14	0.243	0.556	0.4
292	1/5/2015 13:15	0.244	0.558	0.401

==========Event #1 information (end)==========

==========Event #2 information (begin)==========

==========

[Event #2 name:]--[Event #2]2014-12-30 07:55<-->2014-12-30 07:55

[Event start time:]--2014-12-30 07:55:04[Event end time:]--2014-12-30 07:55:04

==========Event #2 head information==========

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905528

Data Points: 0 Sample Period: 60 s Datalog Mode: Manual

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Search Mode

==========

Current event 2 has no calculate info

Event data log export

=======Event data log event list (begin)=======
[Event #1 name:]--[Event #1]2015-01-05 08:23<-->2015-01-05 13:15
[Event start time:]--2015-01-05 08:23:40[Event end time:]--2015-01-05 13:15:40
[Event #2 name:]--[Event #2]2014-12-30 07:55<-->2014-12-30 07:55
[Event start time:]--2014-12-30 07:55:04[Event end time:]--2014-12-30 07:55:04
========Event data log event list (end)========

==========Event #1 information (begin)==========
==========
[Event #1 name:]--[Event #1]2015-01-05 08:23<-->2015-01-05 13:15
[Event start time:]--2015-01-05 08:23:40[Event end time:]--2015-01-05 13:15:40
===========Event #1 head information===========
Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905528
Data Points: 292 Sample Period: 60 s Datalog Mode: Manual
SITE ID: RAE00000 USER ID: 00000001 Op Mode: Hygiene Mode
==========
Sensor Information : PID(ppm)
Measurement Gas : Isobutene
Calibration Time : 2014-12-19 07:35:00
Drift Value : ---
Low Alarm Levels : 21.738
High Alarm Levels : 43.476
Span Value : 100.000
Correction Factor : 1.00
Over Alarm Levels : 15000.000
===========Event #1 data informations===========

LINE#	Date/Time	PID(ppm)
1	1/5/2015 8:24	0.031
2	1/5/2015 8:25	0.058
3	1/5/2015 8:26	0.055
4	1/5/2015 8:27	0.077
5	1/5/2015 8:28	0.095
6	1/5/2015 8:29	0.076
7	1/5/2015 8:30	0.089
8	1/5/2015 8:31	0.103
9	1/5/2015 8:32	0.107
10	1/5/2015 8:33	0.131
11	1/5/2015 8:34	0.208
12	1/5/2015 8:35	0.146
13	1/5/2015 8:36	0.154
14	1/5/2015 8:37	0.181
15	1/5/2015 8:38	0.186
16	1/5/2015 8:39	0.191
17	1/5/2015 8:40	0.175
18	1/5/2015 8:41	0.197
19	1/5/2015 8:42	0.215
20	1/5/2015 8:43	0.272
21	1/5/2015 8:44	0.222
22	1/5/2015 8:45	0.204
23	1/5/2015 8:46	0.194
24	1/5/2015 8:47	0.207
25	1/5/2015 8:48	0.238
26	1/5/2015 8:49	0.267

27	1/5/2015 8:50	0.235
28	1/5/2015 8:51	0.286
29	1/5/2015 8:52	0.255
30	1/5/2015 8:53	0.259
31	1/5/2015 8:54	0.308
32	1/5/2015 8:55	0.358
33	1/5/2015 8:56	0.355
34	1/5/2015 8:57	0.306
35	1/5/2015 8:58	0.304
36	1/5/2015 8:59	0.331
37	1/5/2015 9:00	0.346
38	1/5/2015 9:01	0.357
39	1/5/2015 9:02	0.519
40	1/5/2015 9:03	0.422
41	1/5/2015 9:04	0.379
42	1/5/2015 9:05	0.407
43	1/5/2015 9:06	0.398
44	1/5/2015 9:07	0.429
45	1/5/2015 9:08	0.405
46	1/5/2015 9:09	0.414
47	1/5/2015 9:10	0.526
48	1/5/2015 9:11	0.547
49	1/5/2015 9:12	0.471
50	1/5/2015 9:13	0.474
51	1/5/2015 9:14	0.517
52	1/5/2015 9:15	0.475
53	1/5/2015 9:16	0.454
54	1/5/2015 9:17	0.455
55	1/5/2015 9:18	0.469
56	1/5/2015 9:19	0.493
57	1/5/2015 9:20	0.452
58	1/5/2015 9:21	0.453
59	1/5/2015 9:22	0.438
60	1/5/2015 9:23	0.42
61	1/5/2015 9:24	0.456
62	1/5/2015 9:25	0.487
63	1/5/2015 9:26	0.462
64	1/5/2015 9:27	0.419
65	1/5/2015 9:28	0.432
66	1/5/2015 9:29	0.411
67	1/5/2015 9:30	0.423
68	1/5/2015 9:31	0.421
69	1/5/2015 9:32	0.425
70	1/5/2015 9:33	0.459
71	1/5/2015 9:34	0.456
72	1/5/2015 9:35	0.473
73	1/5/2015 9:36	0.485
74	1/5/2015 9:37	0.469
75	1/5/2015 9:38	0.454
76	1/5/2015 9:39	0.463
77	1/5/2015 9:40	0.425
78	1/5/2015 9:41	0.414
79	1/5/2015 9:42	0.425
80	1/5/2015 9:43	0.434
81	1/5/2015 9:44	0.431

82	1/5/2015 9:45	0.458
83	1/5/2015 9:46	0.429
84	1/5/2015 9:47	0.413
85	1/5/2015 9:48	0.408
86	1/5/2015 9:49	0.423
87	1/5/2015 9:50	0.416
88	1/5/2015 9:51	0.41
89	1/5/2015 9:52	0.407
90	1/5/2015 9:53	0.447
91	1/5/2015 9:54	0.437
92	1/5/2015 9:55	0.439
93	1/5/2015 9:56	0.472
94	1/5/2015 9:57	0.51
95	1/5/2015 9:58	0.602
96	1/5/2015 9:59	0.557
97	1/5/2015 10:00	0.51
98	1/5/2015 10:01	0.515
99	1/5/2015 10:02	0.488
100	1/5/2015 10:03	0.471
101	1/5/2015 10:04	0.453
102	1/5/2015 10:05	0.443
103	1/5/2015 10:06	0.452
104	1/5/2015 10:07	0.437
105	1/5/2015 10:08	0.447
106	1/5/2015 10:09	0.431
107	1/5/2015 10:10	0.449
108	1/5/2015 10:11	0.451
109	1/5/2015 10:12	0.468
110	1/5/2015 10:13	0.449
111	1/5/2015 10:14	0.437
112	1/5/2015 10:15	0.418
113	1/5/2015 10:16	0.413
114	1/5/2015 10:17	0.411
115	1/5/2015 10:18	0.404
116	1/5/2015 10:19	0.408
117	1/5/2015 10:20	0.41
118	1/5/2015 10:21	0.405
119	1/5/2015 10:22	0.407
120	1/5/2015 10:23	0.403
121	1/5/2015 10:24	0.405
122	1/5/2015 10:25	0.409
123	1/5/2015 10:26	0.406
124	1/5/2015 10:27	0.408
125	1/5/2015 10:28	0.422
126	1/5/2015 10:29	0.403
127	1/5/2015 10:30	0.399
128	1/5/2015 10:31	0.397
129	1/5/2015 10:32	0.406
130	1/5/2015 10:33	0.402
131	1/5/2015 10:34	0.395
132	1/5/2015 10:35	0.402
133	1/5/2015 10:36	0.399
134	1/5/2015 10:37	0.396
135	1/5/2015 10:38	0.39
136	1/5/2015 10:39	0.385

137	1/5/2015 10:40	0.382
138	1/5/2015 10:41	0.383
139	1/5/2015 10:42	0.385
140	1/5/2015 10:43	0.375
141	1/5/2015 10:44	0.388
142	1/5/2015 10:45	0.391
143	1/5/2015 10:46	0.388
144	1/5/2015 10:47	0.377
145	1/5/2015 10:48	0.367
146	1/5/2015 10:49	0.371
147	1/5/2015 10:50	0.363
148	1/5/2015 10:51	0.368
149	1/5/2015 10:52	0.361
150	1/5/2015 10:53	0.366
151	1/5/2015 10:54	0.369
152	1/5/2015 10:55	0.356
153	1/5/2015 10:56	0.363
154	1/5/2015 10:57	0.357
155	1/5/2015 10:58	0.36
156	1/5/2015 10:59	0.353
157	1/5/2015 11:00	0.355
158	1/5/2015 11:01	0.357
159	1/5/2015 11:02	0.355
160	1/5/2015 11:03	0.361
161	1/5/2015 11:04	0.358
162	1/5/2015 11:05	0.358
163	1/5/2015 11:06	0.357
164	1/5/2015 11:07	0.363
165	1/5/2015 11:08	0.376
166	1/5/2015 11:09	0.365
167	1/5/2015 11:10	0.363
168	1/5/2015 11:11	0.355
169	1/5/2015 11:12	0.351
170	1/5/2015 11:13	0.35
171	1/5/2015 11:14	0.35
172	1/5/2015 11:15	0.347
173	1/5/2015 11:16	0.357
174	1/5/2015 11:17	0.353
175	1/5/2015 11:18	0.358
176	1/5/2015 11:19	0.36
177	1/5/2015 11:20	0.358
178	1/5/2015 11:21	0.364
179	1/5/2015 11:22	0.37
180	1/5/2015 11:23	0.369
181	1/5/2015 11:24	0.362
182	1/5/2015 11:25	0.359
183	1/5/2015 11:26	0.36
184	1/5/2015 11:27	0.357
185	1/5/2015 11:28	0.359
186	1/5/2015 11:29	0.362
187	1/5/2015 11:30	0.38
188	1/5/2015 11:31	0.37
189	1/5/2015 11:32	0.37
190	1/5/2015 11:33	0.37
191	1/5/2015 11:34	0.366

192	1/5/2015 11:35	0.373
193	1/5/2015 11:36	0.378
194	1/5/2015 11:37	0.379
195	1/5/2015 11:38	0.38
196	1/5/2015 11:39	0.386
197	1/5/2015 11:40	0.384
198	1/5/2015 11:41	0.385
199	1/5/2015 11:42	0.386
200	1/5/2015 11:43	0.392
201	1/5/2015 11:44	0.384
202	1/5/2015 11:45	0.383
203	1/5/2015 11:46	0.387
204	1/5/2015 11:47	0.399
205	1/5/2015 11:48	0.398
206	1/5/2015 11:49	0.396
207	1/5/2015 11:50	0.397
208	1/5/2015 11:51	0.403
209	1/5/2015 11:52	0.415
210	1/5/2015 11:53	0.416
211	1/5/2015 11:54	0.417
212	1/5/2015 11:55	0.426
213	1/5/2015 11:56	0.437
214	1/5/2015 11:57	0.433
215	1/5/2015 11:58	0.429
216	1/5/2015 11:59	0.424
217	1/5/2015 12:00	0.423
218	1/5/2015 12:01	0.42
219	1/5/2015 12:02	0.423
220	1/5/2015 12:03	0.428
221	1/5/2015 12:04	0.427
222	1/5/2015 12:05	0.429
223	1/5/2015 12:06	0.444
224	1/5/2015 12:07	0.44
225	1/5/2015 12:08	0.448
226	1/5/2015 12:09	0.44
227	1/5/2015 12:10	0.433
228	1/5/2015 12:11	0.425
229	1/5/2015 12:12	0.428
230	1/5/2015 12:13	0.424
231	1/5/2015 12:14	0.431
232	1/5/2015 12:15	0.433
233	1/5/2015 12:16	0.438
234	1/5/2015 12:17	0.444
235	1/5/2015 12:18	0.436
236	1/5/2015 12:19	0.438
237	1/5/2015 12:20	0.437
238	1/5/2015 12:21	0.439
239	1/5/2015 12:22	0.447
240	1/5/2015 12:23	0.463
241	1/5/2015 12:24	0.461
242	1/5/2015 12:25	0.466
243	1/5/2015 12:26	0.468
244	1/5/2015 12:27	0.47
245	1/5/2015 12:28	0.464
246	1/5/2015 12:29	0.462

247	1/5/2015 12:30	0.458
248	1/5/2015 12:31	0.46
249	1/5/2015 12:32	0.458
250	1/5/2015 12:33	0.46
251	1/5/2015 12:34	0.464
252	1/5/2015 12:35	0.457
253	1/5/2015 12:36	0.463
254	1/5/2015 12:37	0.465
255	1/5/2015 12:38	0.469
256	1/5/2015 12:39	0.468
257	1/5/2015 12:40	0.478
258	1/5/2015 12:41	0.469
259	1/5/2015 12:42	0.475
260	1/5/2015 12:43	0.475
261	1/5/2015 12:44	0.477
262	1/5/2015 12:45	0.488
263	1/5/2015 12:46	0.486
264	1/5/2015 12:47	0.492
265	1/5/2015 12:48	0.5
266	1/5/2015 12:49	0.509
267	1/5/2015 12:50	0.523
268	1/5/2015 12:51	0.514
269	1/5/2015 12:52	0.51
270	1/5/2015 12:53	0.498
271	1/5/2015 12:54	0.493
272	1/5/2015 12:55	0.498
273	1/5/2015 12:56	0.498
274	1/5/2015 12:57	0.496
275	1/5/2015 12:58	0.488
276	1/5/2015 12:59	0.494
277	1/5/2015 13:00	0.498
278	1/5/2015 13:01	0.511
279	1/5/2015 13:02	0.52
280	1/5/2015 13:03	0.538
281	1/5/2015 13:04	0.53
282	1/5/2015 13:05	0.519
283	1/5/2015 13:06	0.515
284	1/5/2015 13:07	0.521
285	1/5/2015 13:08	0.516
286	1/5/2015 13:09	0.532
287	1/5/2015 13:10	0.534
288	1/5/2015 13:11	0.531
289	1/5/2015 13:12	0.526
290	1/5/2015 13:13	0.525
291	1/5/2015 13:14	0.523
292	1/5/2015 13:15	0.528

==========Event #1 information (end)==========

==========Event #2 information (begin)==========

==========

[Event #2 name:]--[Event #2]2014-12-30 07:55<-->2014-12-30 07:55

[Event start time:]--2014-12-30 07:55:04[Event end time:]--2014-12-30 07:55:04

==========Event #2 head information==========

Product Name: MiniRAE 3000 Model Number: PGM-7320 Serial Number: 592-905528

Data Points: 0 Sample Period: 60 s Datalog Mode: Manual

SITE ID: RAE00000 USER ID: 00000001 Op Mode: Search Mode

==========

Sensor Information :
Measurement Gas :
Calibration Time :
Drift Value :
Low Alarm Levels :
High Alarm Levels :
Span Value :
Correction Factor :
Over Alarm Levels :

==========Event #2 data informations==========

Event#2's datalog is empty

APPENDIX C

WELL BORING & COMPLETION LOGS, WELL DEVELOPMENT LOGS, & GROUNDWATER SAMPLING LOGS

APPENDIX C1

WELL BORING & COMPLETION LOGS

Project No: 0304-012-003

Borehole Number: MW-1A

Project: 3021-3041 Orchard Park Road Remedial Investigation

A.K.A.:

Client: 3021-3041 Orchard Park Road, LLC.

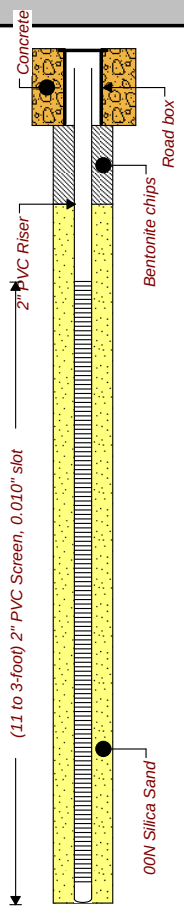
Logged By: TAB

Site Location: Orchard Park, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0 / 0.0	Ground Surface							
		Augered to 11.0 fbgs. For soil descriptions see MW-1B.							
5.0									
10.0									
	-11.0 / 11.0	End of Borehole							
15.0									



Drilled By: Earth Dimensions, Inc.
Drill Rig Type: Diedrich D120
Drill Method: Continuous SS W/ 4 1/4-inch HSA.
Comments:
Drill Date(s): 12/22/14

Hole Size: 8 1/4-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 1 of 1

Project No: 0304-012-003

Borehole Number: MW-1B

Project: 3021-3041 Orchard Park Road Remedial Investigation

A.K.A.:

Client: 3021-3041 Orchard Park Road, LLC.

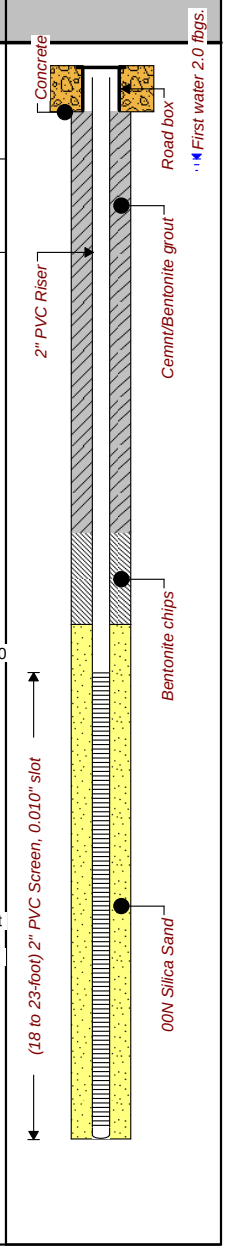
Logged By: TAB

Site Location: Orchard Park, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs (ppm)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Asphalt*** Asphalt.	S1	35	1.0		0.5		
	-2.0	***Sandy Lean Clay with Gravel*** Black/brown, wet, mostly, medium plastic fines, some fine sand, little fine gravel (bedded shale fragments), medium toughness, medium dry strength, hard, massive.	S2	24	1.5		3.0	Sample Location	
	2.0								
	-4.0	As above, slight odor.							
	4.0	***Sandy Lean Clay*** Brown, moist, mostly medium plasticity fines, some fine sand, medium toughness, medium dry strength, very stiff, massive.	S3	17	1.8		0.1		
5.0	-6.0	As above, laminated.	S4	15	2.0		0.0		
	6.0								
	-8.0	As above.	S5	14	2.0		0.0		
	8.0								
	-9.0								
	9.0	As above, grey, few fine gravels (sub-rounded and bedded shale fragments), very stiff.							
10.0	-10.0								
	10.0	As above.	S6	25	1.7		0.0		
	-11.5								
	11.5	***Bedrock (weathered)*** Dark Grey, moist, highly fissile shale, with some non-plastic fines, trace fine sand, very weak, fine grained, thinly bedded, intensely fractured, non-cohesive sediment.	S7	41	1.6		0.0	Weathed bedrock (11.5 to 18.0 fbgs).	
	-14.0								
	14.0	As above, wet (12.0 fbgs).							
15.0		As above.	S8	21	0.7		0.1		
	-16.0								
	16.0	As above.	S9	100/4	0.5		1.2		
	-18.0								
	18.0	***Bedrock (Windom Shale)*** Run #1 18.0 - 23.0 total recovery 41.8% RQD 0-25% very poor.					0.0	Competent bedrock (18.0 fbgs).	
20.0		Shale, moderate, fine grained, thinly bedded, moderately decomposed, medium soft, highly fractured along bedding joint planes, infilling with dark grey, wet, non-plastic fines at 18.5 fbgs (0.2-inches thick), 19.5 fbgs (0.25-inches) think, 20.5 fbgs (0.25-inches) thick, 21.5 fbgs (1.0- foot) thick. Top of competent bed rock17.5 fbgs.	RUN #1	NA	2.9		0.0		
	-23.0								
	23.0	End of Borehole						Lost 150 gallons of potable water.	
25.0									



Drilled By: Earth Dimensions, Inc.
Drill Rig Type: Diedrich D120
Drill Method: Continuous SS W/ 4 1/4-inch HSA.
Comments:
Drill Date(s): 12/22/14

Hole Size: 3 1/2-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 1 of 1

Project No: 0304-012-003

Borehole Number: MW-2A

Project: 3021-3041 Orchard Park Road Remedial Investigation

A.K.A.:

Client: 3021-3041 Orchard Park Road, LLC.

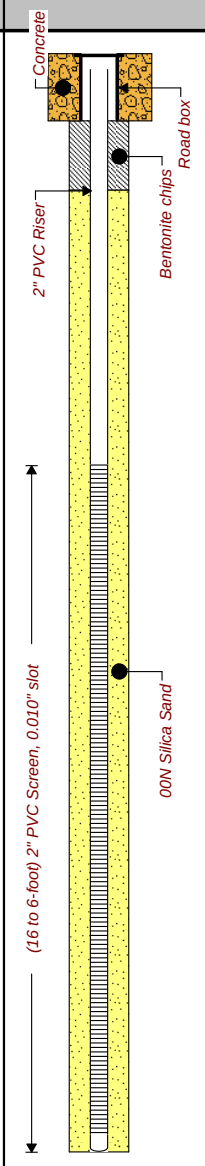
Logged By: TAB

Site Location: Orchard Park, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm 0 12.5 25	Lab Sample	Well Completion Details or Remarks
0.0	0.0 / 0.0	Ground Surface							
		Augered to 16.0 fbgs. For soil descriptions see MW-2B.							
5.0									
10.0									
15.0									
	-16.0 / 16.0	End of Borehole							



Drilled By: Earth Dimensions, Inc.
Drill Rig Type: Diedrich D120
Drill Method: 4 1/4-inch HSA.
Comments:
Drill Date(s): 12/23/14

Hole Size: 8 1/4-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 1 of 1

Project No: 0304-012-003

Borehole Number: MW-2B

Project: 3021-3041 Orchard Park Road Remedial Investigation

A.K.A.:

Client: 3021-3041 Orchard Park Road, LLC.

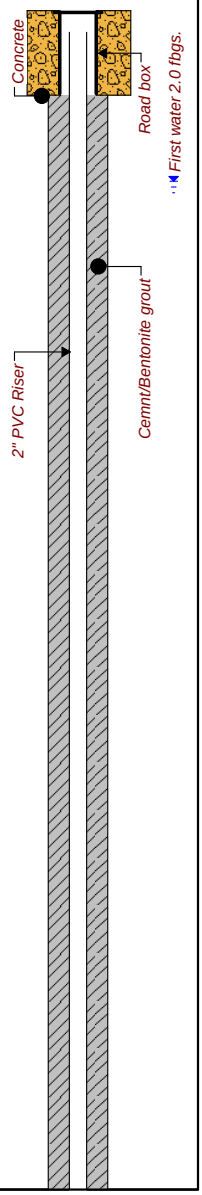
Logged By: TAB

Site Location: Orchard Park, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Asphalt***							
	-0.4	Asphalt.							
	0.4	***Poorly Graded Gravel with Sand***							
	-1.0	Grey, moist, mostly fine gravel (angular/slag), some fine sand, trace non-plastic fines, dense, loose when disturbed	S1	64	1.0		1.5		
	1.0								
	-2.0	***Sandy Lean Clay with Fill***							
	2.0	Black/brown, moist, mostly, low plasticity fines, some fine sand, little fine gravel (slag and bedded shale fragments), yellow brick, medium toughness, medium dry strength, hard, massive.	S2	10	1.5		0.1	Sample Location	
	-4.0	***Sandy Lean Clay***							
	4.0	Brown/dark grey, wet, mostly medium plasticity fines, some fine sand, medium toughness, medium dry strength, very stiff, massive.							
5.0		As above.	S3	13	1.8		0.0		
	-6.0								
	6.0	As above, very stiff, iron staining.	S4	16	2.0		0.0		
	-7.0								
	7.0	***Lean Clay with Sand***							
	-8.0	Grey, moist, mostly medium plasticity fines, few fine sand, trace fine gravel (sub-rounded), laminated, medium dry strength, medium toughness, very stiff.							
	8.0	As above	S5	23	2.0		0.4		
	-9.0								
	9.0	***Sandy Lean Clay with Gravel.***							
10.0	-10.0	Grey moist mostly low plasticity fines, some fine sand, little fine gravel (bedded shale fragments and sub-rounded), medium toughness, medium dry strength, very stiff, massive.							
	10.0	As above.	S6	31	1.7		0.0		
	-12.0								
	12.0	As above, mostly medium plastic fines.	S7	29	1.6		0.2		
							0.0		



Drilled By: Earth Dimensions, Inc.
Drill Rig Type: Diedrich D120
Drill Method: Continuous SS W/ 4 1/4-inch HSA.
Comments:
Drill Date(s): 12/23/14

Hole Size: 8 1/4-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 1 of 2

Project No: 0304-012-003

Borehole Number: MW-2B

Project: 3021-3041 Orchard Park Road Remedial Investigation

A.K.A.:

Client: 3021-3041 Orchard Park Road, LLC.

Logged By: TAB

Site Location: Orchard Park, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 / 12.5 / 25)	Lab Sample	Well Completion Details or Remarks
	-14.0 / 14.0	As above.					0.2		
			S8	17	0.7		0.2		
	-16.0 / 16.0	As above.							
	-17.0 / 17.0	***Bedrock (weathered)*** Dark Grey, wet (17.0 fbgs), highly fissile shale, with some non-plastic fines, trace fine sand, very weak, fine grained, thinly bedded, intensely fractured, non-cohesive sediment.	S9	82	0.5		2.1	Weathed bedrock (17.0 to 20.0 fbgs).	
18.0	-18.0 / 18.0	As above.	S10	81	1.0		1.0		
	-20.0 / 20.0	***Bedrock (Windom Shale)*** Run #1 20.0 - 25.0 total recovery 69% RQD 0-25% very poor. Shale, moderate, fine grained, thinly bedded, moderately decomposed, medium soft, highly fractured along bedding joint planes, infilling with dark grey.	RUN #1	NA	3.5		0.0	Competent bedrock (20.0 fbgs).	
23.0							0.0	Lost 150 gallons of potable water.	
	-25.0 / 25.0	End of Borehole							

(25 to 18-foot) 2" PVC Screen, 0.010" slot

Bentonite chips

00N Silica Sand

Drilled By: Earth Dimensions, Inc.
Drill Rig Type: Diedrich D120
Drill Method: Continuous SS W/ 4 1/4-inch HSA.
Comments:
Drill Date(s): 12/23/14

Hole Size: 8 1/4-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 2 of 2

Project No: 0304-012-003

Borehole Number: MW-3A

Project: 3021-3041 Orchard Park Road Remedial Investigation

A.K.A.:

Client: 3021-3041 Orchard Park Road, LLC.

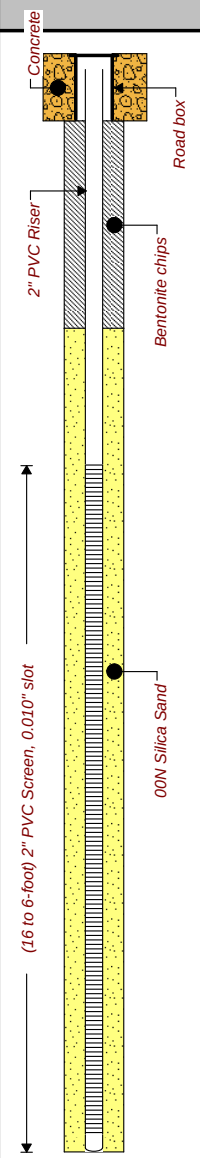
Logged By: TAB

Site Location: Orchard Park, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm 0 12.5 25	Lab Sample	Well Completion Details or Remarks
0.0	0.0 / 0.0	Ground Surface							
		Augered to 16.0 fbgs. For soil descriptions see MW-3B.							
5.0									
10.0									
15.0									
	-16.0 / 16.0	End of Borehole							



Drilled By: Earth Dimensions, Inc.
Drill Rig Type: Diedrich D120
Drill Method: 4 1/4-inch HSA.
Comments:
Drill Date(s): 12/24/14

Hole Size: 8 1/4-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 1 of 1

Project No: 0304-012-003

Borehole Number: MW-3B

Project: 3021-3041 Orchard Park Road Remedial Investigation

A.K.A.:

Client: 3021-3041 Orchard Park Road, LLC.

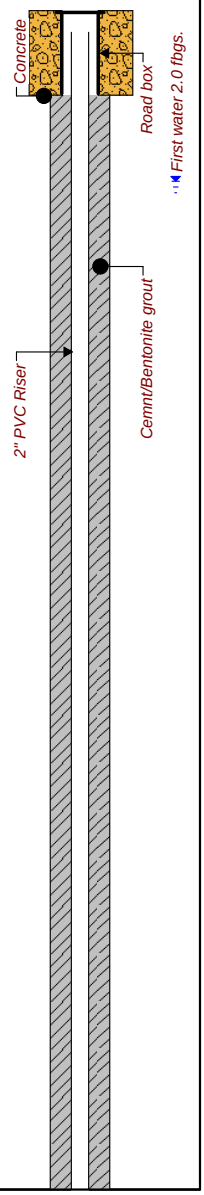
Logged By: JJR

Site Location: Orchard Park, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 / 12.5 / 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Sandy Lean Clay*** Brown, moist, mostly, medium plasticity fines, some fine sand, roots, medium toughness, medium dry strength, firm, massive.	S1	6	1.4		0.0		
	-1.0 / 1.0	As above, low plasticity, few fine gravel, cinders, slag, no roots.							
	-2.0 / 2.0	As above,	S2	18	2.0		0.0		
	-3.0 / 3.0	As above, medium plasticity fines, fine sand lense (3.0 fbgs), iron staining, very stiff.							
	-4.0 / 4.0	As above, (wet lense 4.5 fbgs),stiff.	S3	12	1.6		0.0		
5.0									
	-6.0 / 6.0	As above, grey,	S4	15	2.1		0.0		
	-8.0 / 8.0	As above.	S5	12	2.0		0.0		
10.0	-10.0 / 10.0	***Sandy Lean Clay with Gravel*** Grey, moist, mostly low plasticity fines, some fine sand, little fine gravel (angular shale fragments), medium dry strength, medium toughness, very stiff.	S6	23	0.4		0.0		
	-12.0 / 12.0	As above, sub-rounded gravel.							
	-13.0 / 13.0		S7	23	2.1		0.0 / 0.0	Sample Location	



Drilled By: Earth Dimensions, Inc.
Drill Rig Type: Diedrich D120
Drill Method: Continuous SS W/ 4 1/4-inch HSA.
Comments:
Drill Date(s): 12/24/14

Hole Size: 8 1/4-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 1 of 2

Project No: 0304-012-003

Borehole Number: MW-3B

Project: 3021-3041 Orchard Park Road Remedial Investigation

A.K.A.:

Client: 3021-3041 Orchard Park Road, LLC.

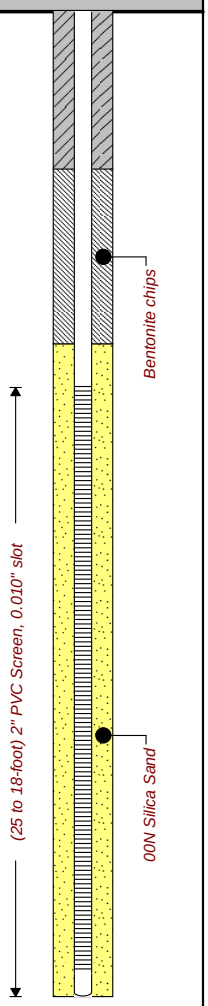
Logged By: JJR

Site Location: Orchard Park, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs (ppm)	Lab Sample	Well Completion Details or Remarks
	-14.0 14.0	***Sandy Lean Clay*** Brown/grey, moist, mostly medium plasticity fines, some fine sand, medium toughness, medium dry strength, very stiff.					0.0		
		As above.	S8	27	2.1		0.0		
	-16.0 16.0	As above							
	-17.0 17.0	***Bedrock (weathered)*** Dark Grey, wet (17.0 fbgs), highly fissile shale, with some non-plastic fines, trace fine sand, very weak, fine grained, thinly bedded, intensely fractured, non-cohesive sediment.	S9	85	2.0		0.0	Weathed bedrock (17.0 to 20.0 fbgs).	
18.0	-18.0 18.0	As above.							
			S10	110	1.3		0.0		
	-20.0 20.0	***Bedrock (Windom Shale)*** Run #1 20.0 - 25.0 total recovery 53% RQD 28% poor.						Competent bedrock (20.0 fbgs).	
		Shale, moderate, fine grained, thinly bedded, moderately decomposed, medium soft, highly fractured along bedding joint planes, infilling with dark grey non-plastic fines,					0.0		
23.0			RUN #1	NA	3.5		0.0	Lost 150 gallons of potable water.	
	-25.0 25.0	End of Borehole							



Drilled By: Earth Dimensions, Inc.
Drill Rig Type: Diedrich D120
Drill Method: Continuous SS W/ 4 1/4-inch HSA.
Comments:
Drill Date(s): 12/24/14

Hole Size: 8 1/4-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 2 of 2

Project No: 0304-012-003

Borehole Number: MW-4A

Project: 3021-3041 Orchard Park Road Remedial Investigation

A.K.A.:

Client: 3021-3041 Orchard Park Road, LLC.

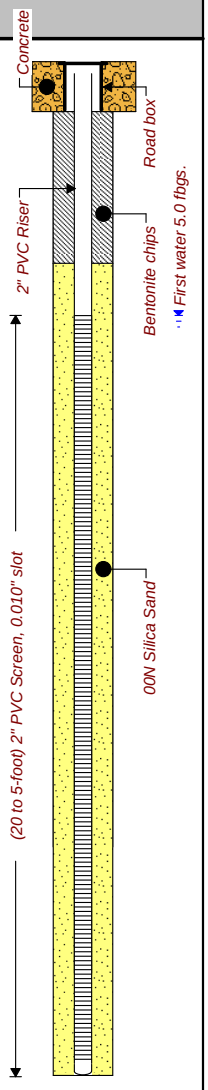
Logged By: JJR

Site Location: Orchard Park, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 / 12.5 / 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Asphalt***							
	-0.6	Asphalt							
	0.6	***Sandy Lean Clay***	S1	46	1.2		0.0		
	-2.0	Brown, moist, mostly, low plasticity fines, some fine sand, iron staining, medium toughness, medium dry strength, hard, massive.							
	2.0	***Sandy Lean Clay with Gravel***	S2	34	2.1		0.0		
	-4.0	Brown/grey, moist, mostly low plasticity fines, some fines sand, little fine gravel (bedded shale), medium toughness, medium dry strength, hard.							
5.0	4.0	***Sandy Lean Clay***	S3	20	1.7		0.0		
	-6.0	As above (0.6 to 2.0 fbgs), wet at (5.0 fbgs), trace fine gravel, very stiff.							
	6.0	As above, moist, no fine gravel.	S4	24	2.0		0.0		
	-8.0								
	8.0	As above, trace fine gravel.	S5	23	2.0		0.0		
	-10.0								
10.0	10.0								
	-10.5	***Poorly Graded Sand with Silt***							
	10.5	Brown, wet, mostly fine sand, with few non-plastic fines, loose, rapid dilatency.	S6	6	1.7		0.0		
	-12.0	***Sandy Lean Clay***							
	12.0	As above (8.0 to 10.0 fbgs), wet, firm.							
		As above.	S7	6	2.0		0.0		
	-14.0								
	14.0	***Lean Clay***						Sample Location	
15.0		Grey, wet, mostly medium plasticity fines, trace fine sand, medium toughness, medium dry strength, massive, soft.	S8	4	1.8		0.0		
	-16.0								
	16.0								
	-16.5	***Poorly Graded Sand with Silt***							
	16.5	As (10.0 to 10.5 fbgs) above, wet, loose.	S9	2	2.0		0.0		
	-18.0	***Lean Clay***							
	18.0	As (14.0 to 16.0 fbgs) above, very soft.							
		As above, trace fine gravel, stiff.	S10	12	1.0		0.0		
	-19.5								
	19.5								
20.0	-20.0	End of boring at 20.0 fbgs.							
	20.0	End of Borehole							



Drilled By: Earth Dimensions, Inc.
Drill Rig Type: Diedrich D120
Drill Method: Continuous SS W/ 4 1/4-inch HSA.
Comments:
Drill Date(s): 12/31/14

Hole Size: 8 1/4-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 1 of 1

Project No: 0304-012-003

Borehole Number: MW-5A

Project: 3021-3041 Orchard Park Road Remedial Investigation

A.K.A.:

Client: 3021-3041 Orchard Park Road, LLC.

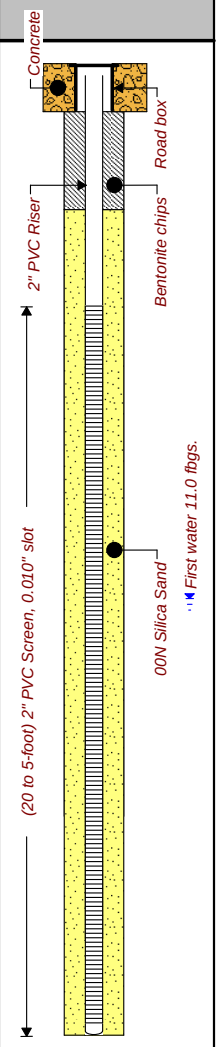
Logged By: JJR

Site Location: Orchard Park, NY

Checked By:

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 – 12.5 – 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Asphalt*** Asphalt							
	-2.0 2.0	***Sandy Lean Clay*** Grey, moist, mostly, low plasticity fines, some fine sand, medium toughness, medium dry strength, very stiff, massive.	S1	25	1.3		0.0		
	-4.0 4.0	***Sandy Lean Clay with Gravel*** Brown/grey, moist, mostly low plasticity fines, some fines sand, little fine gravel (bedded shale), medium toughness, medium dry strength, very stiff.	S2	19	1.9		0.0		
5.0	-5.0 5.0	As above, black, stiff.	S3	10	2.0		0.0		
	-6.0 6.0	***Sandy Lean Clay*** As above (0.4 to 2.0 fbgs), stiff.	S4	27	2.0		0.0		
	-8.0	As above,iron staining, very stiff.							
	8.0	As above, grey, trace fine gravel (sub-rounded).	S5	23	2.0		0.0		
10.0	-10.0 10.0	As above, stiff.							
	-11.0 11.0	***Lean Clay*** Grey, wet, mostly medium plasticity fines, trace fine sand, medium toughness, medium dry strength, massive, stiff.	S6	13	2.2		0.0		
	-12.0 12.0	As above.	S7	9	1.8		0.0		
	-14.0 14.0	As above, stiff.	S8	12	2.0		0.0		
15.0	-16.0 16.0	As above, firm.	S9	6	2.1		0.0	Sample Location	
	-18.0 18.0	As above.	S10	5	1.0		0.0		
20.0	-20.0 20.0	As above, trace fine gravel (sub-rounded), soft.	S11	4	2.0		0.0		
	-21.5 21.5	End of boring at 22.0 fbgs.							
		End of Borehole							



Drilled By: Earth Dimensions, Inc.
Drill Rig Type: Diedrich D120
Drill Method: Continuous SS W/ 4 1/4-inch HSA.
Comments:
Drill Date(s): 12/31/14

Hole Size: 8 1/4-inch
Stick-up: NA
Datum: Mean sea level.

Sheet: 1 of 1

APPENDIX C2

WELL DEVELOPMENT LOGS

TurnKey Environmental Restoration, LLC

EQUIPMENT CALIBRATION LOG

PROJECT INFORMATION:

Project Name: 3201 Orchard Park Road

Project No.: 304-004-003

Client: 3021 - 3041 Orchard Park Road

Date: 12/23/14

Instrument Source: ☒ BM ☐ Rental

METER TYPE	UNITS	TIME	MAKE/MODEL	SERIAL NUMBER	CAL. BY	STANDARD	POST CAL. READING	SETTINGS
☒ pH meter	units	0900	Myron L Company Ultra Meter 6P	6213516 ☐ 6212375 ☐ 6223973 ☒	JJR	4.00 7.00 10.01	4.02 7.00 9.95	
☒ Turbidity meter	NTU	0900	Hach 2100P or 2100Q Turbidimeter	06120C020523 ☐ 07110C026405 ☐ 13120C030432 ☒	JJR	< 0.4 or 20 for 2100 Q 20 100 800	 21.8 110 837	
☒ Sp. Cond. meter	uS mS	0900	Myron L Company Ultra Meter 6P	6213516 ☐ 6212375 ☐ 6223973 ☒	JJR	1413 mS @ 25 °C	1411	
☐ PID	ppm		MinRAE 2000			open air zero ____ ppm Iso. Gas		MIBK response factor = 1.0
☐ Dissolved Oxygen	ppm		HACH Model HQ30d	0807000023281 ☐ 10050041867 ☐ 140200100319 ☐		100% Satuartion		
☐ Particulate meter	mg/m³					zero air		
☐ Oxygen	%					open air		
☐ Hydrogen sulfide	ppm					open air		
☐ Carbon monoxide	ppm					open air		
☐ LEL	%					open air		
☐ Radiation Meter	uR/H					background area		

ADDITIONAL REMARKS:

PREPARED BY: Josh Robinson **DATE:** 12/23/14

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

GROUNDWATER FIELD FORM

Project Name: 3201 Orchard Park Road
Location: Project No.:
Date: 12/23/14
Field Team: JJR +

Well No. MW-1B	Diameter (inches): 2	Sample Date / Time: NA
Product Depth (fbTOR): –	Water Column (ft): 18.27	DTW when sampled:
DTW (static) (fbTOR): 3.76	One Well Volume (gal): 0.978	Purpose: ☒ Development ☐ Sample ☐ Purge & Sample
Total Depth (fbTOR): 22.03	Total Volume Purged (gal):	Purge Method: Bailer Dedicated

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1048	0	Initial	<0.25	6.72	16.7	474.7	135	–	88	turbid no odor
1053	1	3.82	3.~~75~~	6.88	14.6	1000	>1000	–	101	turbid no odor
1104	2	4.03	~~7.15~~ 6	7.25	14.6	1175	>1000	–	60	same
1115	3	4.07	~~8.25~~ 9	6.89	14.5	1264	>1000	–	25	same
1256	4	4.08	12	7.33	14.4	1298	>1000	–	7	same
1304	5	4.13	15.~~25~~	7.19	14.6	1269	>1000	–	-33	same
1312	6	4.14	18	7.10	14.3	1307	>1000	–	-43	same
1321	7	4.21	21	7.29	14.3	1290	>1000	–	-51	same
1329	8	4.21	24	7.24	14.3	1351	>1000	–	-44	same
1334	9	4.15	27	7.35	14.3	1303	>1000	–	-47	same
1338	10	4.01	30	7.27	14.5	1353	>1000	–	-38	same

Sample Information:

S1	
S2	

Well No. MW-1A	Diameter (inches): 2	Sample Date / Time: 12/23/14
Product Depth (fbTOR): –	Water Column (ft): 6	DTW when sampled:
DTW (static) (fbTOR): 4.58	One Well Volume (gal): 0.978	Purpose: ☐ Development ☐ Sample ☐ Purge & Sample
Total Depth (fbTOR): 10.58	Total Volume Purged (gal):	Purge Method:

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1245	0	Initial	<0.25	7.22	11.9	1731	152	–	69	turbid no odor
1249	1	6.62	1	6.99	12.4	1728	>1000	–	62	turbid no odor
1251	2	8.11	2	6.73	12.3	1829	>1000	–	47	turbid no odor
1253	3	Dry	3	6.61	12.3	1830	71000	–	44	turbid no odors
1503	4	1.76	Initial	7.63	8.6	1871	80.6	–	40	" "
1507	5	5.31	4.5	7.25	9.0	1882	34.6	–	39	more turbid
1510	6	8.02	6.0	7.14	8.9	1996	>1000	–	42	" "
	7	~~5.89~~								
1329	8	5.89								
1340	9	5.76								
1510	10	dry	7.5	7.13	9.1	2017	>1000	–	41	" "

(1.49)

Sample Information:

S1	
S2	

REMARKS:

MW-1A dry after 3 gal. purged 11/5/15

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY: Josh Robinson

TURNKEY ENVIRONMENTAL RESTORATION, LLC

EQUIPMENT CALIBRATION LOG

PROJECT INFORMATION:

Project Name: 3021 OP Road

Project No.: 0304-014-003

Client: 3021 OP Road

Date: 1/5/15

Instrument Source: ☒ BM ☐ Rental

METER TYPE	UNITS	TIME	MAKE/MODEL	SERIAL NUMBER	CAL. BY	STANDARD	POST CAL. READING	SETTINGS
☒ pH meter	units	7:44	Myron L Company Ultra Meter 6P	6213516 ☐ 6212375 ☐ 6223973 ☒	JJR	4.00 7.00 10.01	4.01 7.04 10.02	4.0 7.0 10.0
☒ Turbidity meter	NTU	748	Hach 2100P or 2100Q Turbidimeter	06120C020523 ☐ 07110C026405 ☐ 13120C030432 ☒	JJR	< 0.4 or 20 for 2100 Q 20 100 800	 20.2 146 856	
☒ Sp. Cond. meter	uS mS	950	Myron L Company Ultra Meter 6P	6213516 ☐ 6212375 ☐ 6223973 ☒	JJR	1413 mS @ 25 °C	1413	1413
☐ PID	ppm		MinRAE 2000			open air zero ____ ppm Iso. Gas		MIBK response factor = 1.0
☐ Dissolved Oxygen	ppm		HACH Model HQ30d	0807000023281 ☐ 10050041867 ☐ 140200100319 ☐		100% Satuartion		
☐ Particulate meter	mg/m³					zero air		
☐ Oxygen	%					open air		
☐ Hydrogen sulfide	ppm					open air		
☐ Carbon monoxide	ppm					open air		
☐ LEL	%					open air		
☐ Radiation Meter	uR/H					background area		

ADDITIONAL REMARKS:

PREPARED BY: JJR **DATE:** 1/5/15

GROUNDWATER FIELD FORM

Project Name: 302 OP RD
Location: Orchard Park
Project No.:
Date: 1/5/15
Field Team: JJR, TAB

Well No. MW-2A | Diameter (inches): 2" | Sample Date / Time: —
Product Depth (OR): ~~8.77~~ — | Water Column (ft): 11.28 | DTW when sampled:
DTW (static) (OR): 3.71 | One Well Volume (gal): 1.72 | Purpose: ☒ Development ☐ Sample ☐ Purge & Sample
Total Depth (OR): 14.88 | Total Volume Purged (gal): 7.0 | Purge Method: Bailer

Time	Water Level (TOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1057	Initial	—	6.09	2.0	1830	243	—	267	sl. Turbid no odor
1059	9.04	2.0	6.62	9.1	1840	71000	—	125	" "
1101	12.02	4.0	6.68	11.7	1850	71000	—	149	" "
1107	dry	5.0	6.89	10.6	1857	71000	—	154	" "
1229	dry	7.0	7.25	11.2	1812	71000	—	93	" "
1528	4.54 weight	settled	7.21	6.4	1891	989	—	44	sl. turbid no odor (1.61)
1530	10.11	8.75	7.14	9.1	1799	71000	—	44	" "
1533	12.18	10.5	7.18	10.7	1758	>1000	—	39	" "
1536	dry	11.5	7.16	10.8	1760	>1000	—	43	" "
Sample Information									

1/6/15

Well No. MW-2B | Diameter (inches): 2 | Sample Date / Time: —
Product Depth (OR): — | Water Column (ft): 20.76 | DTW when sampled:
DTW (static) (OR): 4.64 | One Well Volume (gal): 3.38 | Purpose: ☒ Development ☐ Sample ☐ Purge & Sample
Total Depth (OR): 24.80 | Total Volume Purged (gal): | Purge Method: Bailer

Time	WL (TOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1115	Initial	20.25	10.95	8.9	931.5	989	—	97	sl. turbid no odor
1123	4.81	3.33	9.42	9.6	1004	>1000	—	76	" "
1130	5.20	6.66	8.25	10.5	1264	>1000	—	99	" "
1136	5.55	9.99	7.86	11.7	1406	>1000	—	104	" "
1143	5.55	13.33	7.49	9.9	1446	>1000	—	73	" "
1150	5.55	16.66	7.46	11.3	1449	>1000	—	90	" "
1201	5.12	20.04	7.43	10.6	1526	>1000	—	96	" "
1208	5.24	23.42	7.40	11.2	1556	>1000	—	98	" "
1214	5.24	26.80	7.34	11.9	1587	>1000	—	97	" "
1223	5.24	30.18	7.34	9.2	1589	>1000	—	94	" "
1228	5.24	33.56	7.37	10.6	1607	>1000	—	95	" "
Sample Information									

REMARKS: MW-2A dry after 5 gals. purged

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

Notes: All [illegible] in feet, distance from top of riser.

PREPARED BY: JJR + TAB

GROUNDWATER FIELD FORM

Project Name: 3021 OP Road
Location: Orchard Park
Project No.:
Date: 1/5/15
Field Team: JJK & TAB

Well No.	4A	Diameter (inches):	2	Sample Date / Time:	—
Elevation TOR:	—	Water Column (ft):	13.36	DTW when sampled:	—
DWL (TOR):	6.22	One Well Volume (gal):	2.17	Purpose: ☒ Development ☐ Sample ☐ Purge & Sample	
TBottom (TOR):	19.58	Total Volume Purged (gal):	18.0	Purge Method:	Bailer

Time	Water Level (bTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1524	Initial	—	7.07	11.8	2587	71000	—	52	Brown sed NO odor
1525	9.22	2.25	6.98	11.9	2689	71000	—	47	" "
1529	9.0	4.50	6.98	11.2	2392	71000	—	41	" "
1534	11.24	6.25	6.97	12.6	2135	71000	—	36	" "
1537	10.55	9.00	7.01	11.4	2174	71000	—	38	" "
1540	9.38	11.25	7.02	11.4	2165	71000	—	38	" "
1546	9.52	13.5	7.03	11.2	2117	71000	—	38	" "
1549	9.82	15.75	7.04	11.4	2069	71000	—	19	" "
1552	9.97	18.0	7.00	11.4	2037	71000	—	26	" "

Sample Information:

Well No.	5A	Diameter (inches):	2	Sample Date / Time:	1/5/15
Elevation bTOR:	—	Water Column (ft):	17.78	DTW when sampled:	—
WL (TOR):	2.11	One Well Volume (gal):	2.89	Purpose: ☒ Development ☐ Sample ☐ Purge & Sample	
TBottom (TOR):	19.89	Total Volume Purged (gal):	7.0	Purge Method:	Bailer

Time	Water Level (bTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1603	Initial	2.25	7.02	4.2	16.97	71000	—	83	SI turbid no odor
1613	9.41	3.0	7.51	8.1	1587	71000	—	58	" "
1617	15.76	6.0	7.05	11.0	1417	71000	—	58	" "
1621	dry	7.0	6.94	11.6	1365	71000	—	40	" "
1601	3.89	Bailed	7.38	9.9	1528	71000	—	54	Sl. Clay No odor
1609	12.42	2.5	7.23	11.2	1532	762	—	58	Turbid No odor
1613	15.98	5.0	7.12	10.8	1481	71000	—	59	" "
1617	DRY	7.5	7.09	12.6	1343	71000	—	56	" "

Sample Information:

NOTES:

Note: Water Levels are in feet, Distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY: TAB

GROUNDWATER FIELD FORM

Project Name: 3021 oP Road
Location: Orchard Park Project No.:
Date: 1/5/15
Field Team: JJR + TAB

Well No: MW-3A
WL: 5.53
Bottom: 15.17

Diameter (inches): 2
Water Column (ft): 9.67
One Well Volume (gal): 1.57
Total Volume Purged (gal): 4.0

Sample Date / Time: 1/5/15
DTW when sampled:
Purpose: [X] Development [ ] Sample [ ] Purge & Sample
Purge Method: Bailer

Time	WL	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1324		<0.25	7.36	10.1	2273	293	—	80	SL. Twbid no odor
1326	8.26	1.5	7.11	11.0	2598	>1000	—	81	" "
1329	12.40	3.0	7.11	12.3	2357	>1000	—	75	" "
1333	dry	4.0	7.26	12.0	2261	>1000	—	75	" "
1448	dry	5.5	7.00	12.7	2005	>1000	—	47	" "
1/6/15 1419	2.72	7.0	6.96	11.0	1958	72.6	—	[illegible]	Clear no odor
1420	12.61	[illegible]	6.93	12.1	2126	>1000	—	9	" "
1425	dry	8.0	6.99	11.6	1999	>1000	—	3	" "

Initial 6.72
Bottom 15.18

Well No: MW-3B
DTW: 5.91
Total Depth: 25.18

Diameter (inches): 2
Water Column (ft): 19.27
One Well Volume (gal): 3.14
Total Volume Purged (gal):

Sample Date / Time: 1/5/15
DTW when sampled: —
Purpose: [X] Development [ ] Sample [ ] Purge & Sample
Purge Method: Bailer

Time	WL	Acc. Vol (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1336		<0.25	7.26	10.5	1344	613	—	64	SL Twbid no odor
1343	6.81	3.0	7.02	9.9	1437	<1000	—	67	" "
1351	6.81	6.0	7.22	9.4	1479	<1000	—	49	" "
1357	6.71	9.0	7.21	9.5	1563	<1000	—	26	" "
1405	6.21	12.0	7.19	9.8	1491	<1000	—	37	" "
1412	6.58	15.0	7.17	11.4	1511	<1000	—	36	" "
1417	6.32	18.0	7.13	10.3	1510	<1000	—	35	" "
1424	6.70	21.0	7.17	10.8	1514	<1000	—	39	" "
1432	6.56	24.0	7.17	11.2	1526	<1000	—	28	" "
1441	6.71	27.0	7.17	12.1	1540	<1000	—	42	" "
1447	6.58	30.0	7.15	11.2	1530	<1000	—	40	" "

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

Notes: [illegible] ents are in feet, distance from top of riser.

PREPARED BY: TAB

TurnKey Environmental Restoration, LLC

EQUIPMENT CALIBRATION LOG

PROJECT INFORMATION:

Project Name: 3021 OP R2

Date: ~~1/5~~ 1/6/15

Project No.: 0304-014-003

Client: 3021-3041 Orchard Park

Instrument Source: ☐ BM ☐ Rental

METER TYPE	UNITS	TIME	MAKE/MODEL	SERIAL NUMBER	CAL. BY	STANDARD	POST CAL. READING	SETTINGS
☒ pH meter	units	815	Myron L Company Ultra Meter 6P	6213516 ☐ 6212375 ☐ 6223973 ☒	TAB	4.00 7.00 10.01	4.10 7.06 9.92	4.0 7.0 10.0
☒ Turbidity meter	NTU	815	Hach 2100P or 2100Q Turbidimeter	06120C020523 ☐ 07110C026405 ☐ 13120C030432 ☒	TAB	< 0.4 or 20 for 2100 Q 20 100 800	20.2	within verification cal range
☒ Sp. Cond. meter	uS mS	815	Myron L Company Ultra Meter 6P	6213516 ☐ 6212375 ☐ 6223973 ☒	TAB	1413 mS @ 25 °C	1414	1413
☐ PID	ppm		MinRAE 2000			open air zero ____ ppm Iso. Gas		MIBK response factor = 1.0
☐ Dissolved Oxygen	ppm		HACH Model HQ30d	0807000023281 ☐ 10050041867 ☐ 140200100319 ☐		100% Satuartion		
☐ Particulate meter	mg/m³					zero air		
☐ Oxygen	%					open air		
☐ Hydrogen sulfide	ppm					open air		
☐ Carbon monoxide	ppm					open air		
☐ LEL	%					open air		
☐ Radiation Meter	uR/H					background area		

ADDITIONAL REMARKS:

PREPARED BY: TAB **DATE:** 1/6/15

GROUNDWATER FIELD FORM

Project Name: 3021 OP Road Date: 1/6/15

Location: 3021 OP Road Project No.: 0304-014-003 Field Team: JJR + TAB

Well No. MW-1B	Diameter (inches): 2	Sample Date / Time: —
Product Depth (fbTOR): —	Water Column (ft): 18.29	DTW when sampled: —
DTW (static) (fbTOR): 3.71	One Well Volume (gal): 2.48	Purpose: ☒ Development ☐ Sample ☐ Purge & Sample
Total Depth (fbTOR): 22.00	Total Volume Purged (gal): 100	Purge Method: Submersible low flow

Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1000	0 Initial	20.25	6.79	12.0	1442	>1000	—	-80	SL. Turbid no odor
1015	1 5.05	20	6.94	13.4	1510	318	—	-113	SL Turbid No Odor
1022	2 5.15	40	6.95	13.2	1523	135	—	-129	"
1036	3 5.25	60	7.12	14.1	1560	74.6	—	-123	Sulfur odor
1048	4 5.52	80	7.10	13.3	1561	21.4	—	-136	As above clear
1107	5 5.81	100	7.16	12.9	1547	806	—	-148	"
	6								
	7								

Sample Information:

	21								
	22								

Well No. MW-2B	Diameter (inches): 2"	Sample Date / Time: —
Product Depth (fbTOR): —	Water Column (ft): 20.33	DTW when sampled: —
DTW (static) (fbTOR): 4.53	One Well Volume (gal): 3.31	Purpose: ☒ Development ☐ Sample ☐ Purge & Sample
Total Depth (fbTOR): 24.86	Total Volume Purged (gal): 100	Purge Method: Submersible low Flow

Time	WL (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1149	Initial	20	7.56	15.4	1486	>1000	—	-67	Turbid No odor
1202	7.18	20	7.38	14.0	1591	>1000	—	-26	" "
1215	7.28	40	7.16	13.5	1651	72.3	—	-22	" " clear
1230	8.12	60	7.30	13.5	1682	147	—	-29	" "
1241	8.26	80	7.03	13.6	1700	204	-0.	-28	" "
1246	8.29	100	7.01	13.7	1699	171	—	-30	" "

Sample Information:

REMARKS:

Note: All measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY: TAB

Water Field - TK

GROUNDWATER FIELD FORM

Project Name: 3021 OP Road
Location: 3021 OP Road
Project No.: 0304-014-003
Date: 1/6/15
Field Team:

Well No	MW-3B	Diameter (inches):	2"	Sample Date / Time:	—
TOC	—	Water Column (ft):	18.67	DTW when sampled:	—
DWL	6.22	One Well Volume (gal):	3.04	Purpose: ☒ Development ☐ Sample ☐ Purge & Sample	
To Bottom	24.89	Total Volume Purged (gal):	100	Purge Method:	Pump (Low Flow)

Time	WL	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1310		0.0	7.19	13.4	1530	71000	—	-7	Slt hdd no odor
1324	7.96	20	7.08	13.6	1491	91.1	—	-12	No odor
1336	8.12	40	6.97	13.4	1535	31.4	—	-15	"
1348	8.36	60	6.93	14.5	1565	20.4	—	-15	"
1350	8.58	80	6.96	14.4	1588	0.0	—	-18	"
1413	8.66	100	6.72	11.9	1581	0.0	—	-1	" clear

Diameter (inches):		Sample Date / Time:	
Water Column (ft):		DTW when sampled:	
One Well Volume (gal):		Purpose: ☐ Development ☐ Sample ☐ Purge & Sample	
Total Volume Purged (gal):		Purge Method:	

Time	WL	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

Measurements are in feet distance from top of riser.

PREPARED BY: DMD

APPENDIX C3

GROUNDWATER SAMPLING LOGS

TurnKey Environmental Restoration, LLC

EQUIPMENT CALIBRATION LOG

PROJECT INFORMATION:

Project Name: 3021 OR Rd

Project No.: 0304-014-003

Client: 3021 - 3041 Orchard Park Rd.

Date: 1/12/15

Instrument Source: ☐ BM ☐ Rental

METER TYPE	UNITS	TIME	MAKE/MODEL	SERIAL NUMBER	CAL. BY	STANDARD	POST CAL. READING	SETTINGS
☒ pH meter	units	930	Myron L Company Ultra Meter 6P	6213516 ☐ 6212375 ☐ 6223973 ☒	TAB	4.00	4.03	4.0
						7.00	7.08	7.0
						10.01	9.93	10.0
☒ Turbidity meter	NTU	930	Hach 2100P or 2100Q Turbidimeter	06120C020523 ☐ 07110C026405 ☐ 13120C030432 ☒	TAB	< 0.4 or 20 for 2100 Q	20.8	recalibrated
						20		
						100		
						800		
☒ Sp. Cond. meter	uS mS	930	Myron L Company Ultra Meter 6P	6213516 ☐ 6212375 ☐ 6223973 ☒	TAB	1413 mS @ 25 °C	1418	1413
☐ PID	ppm		MinRAE 2000			open air zero		MIBK response factor = 1.0
						____ ppm Iso. Gas		
☒ Dissolved Oxygen	ppm	930	HACH Model HQ30d	0807000023281 ☐ 10050041867 ☐ 140200100319 ☒	TAB	100% Satuartion	99.4 % Slope	—
☐ Particulate meter	mg/m³					zero air		
☐ Oxygen	%					open air		
☐ Hydrogen sulfide	ppm					open air		
☐ Carbon monoxide	ppm					open air		
☐ LEL	%					open air		
☐ Radiation Meter	uR/H					background area		

ADDITIONAL REMARKS:

PREPARED BY: TAB **DATE:** 1/12/15

TurnKey Environmental Restoration LLC

GROUNDWATER FIELD FORM

Project Name: 3021 Orchard Park Road RI Date: 11/12/15
Location: 3021 Orchard Park RD Project No.: Field Team: RLD / TAB

Well No. MW-1A			Diameter (inches): 2			Sample Date / Time: 11/12/15			
Product Depth (fbTOR):			Water Column (ft):			DTW when sampled:			
DTW (static) (fbTOR): 1.91			One Well Volume (gal): 1.47			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 10.58			Total Volume Purged (gal):			Purge Method:			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1500	0 Initial		7.76	5.6	1495	>1000	5.70	+84	TURBID
1500	1 3.40		7.41	7.7	1546	>1000	5.47	+58	" "
1502	2 4.02		7.32	7.3	1774	108	5.73	+62	" "
1504	3 4.20	1	7.30	7.1	1769	33	6.45	+67	Clear
1506	4 4.89	1.5	7.25	7.2	1629	32	6.20	+67	Clear
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
1510	S1 5.51		7.35	7.0	1729	6.70	6.65	+58	Clear
1522	S2 9.8	5	7.29	6.7	1684	198	3.47	+85	TURBID

Well No. MW-1B			Diameter (inches): 2			Sample Date / Time: 11/12/15			
Product Depth (fbTOR):			Water Column (ft):			DTW when sampled:			
DTW (static) (fbTOR): 4.11			One Well Volume (gal): 3.04			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 22.03			Total Volume Purged (gal):			Purge Method:			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1540	0 Initial		7.31	6.3	1648	>1000	2.43	+21	TURBID LBM
1542	1 4.46		7.12	11.9	1509	>1000	2.52	+4	" "
1545	2 4.49		7.07	12	1504	407	2.15	-38	" "
1546	3 4.46	3	7.13	12	1491	212	2.04	-42	" "
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
1548	S1 4.46	3.5	7.13	11.8	1500	152	2.36	-89	TURBID
1615	S2 4.55	5	7.39	8.8	1420	20.6	2.50	-75	Clear

REMARKS: MS/MSD At MW-1B

Note: All measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY: RLD

TurnKey Environmental Restoration, LLC

GROUNDWATER FIELD FORM

Project Name: 3021 Orchard Park Road RI Date: 1/12/15

Location: 3021 Orchard Park Road Project No.: Field Team: RLO/TAB

Well No. MW-2A			Diameter (inches): 2			Sample Date / Time: 1/12/15			
Product Depth (fbTOR):			Water Column (ft):			DTW when sampled:			
DTW (static) (fbTOR): 4.60			One Well Volume (gal): 1.75			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 14.90			Total Volume Purged (gal):			Purge Method:			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1306	0 Initial		7.49	10.8	1607	>1000	6.09	+116	TURBID/BRN
	1 5.97	.25	7.38	10.8	1664	436	4.51	+116	TURBID
	2 6.42	1	7.21	10.1	1558	96	5.42	+113	TURBID
	3 7.22	1.75	7.22	10.1	1554	74	5.20	+112	TURBID
	4 7.03	2	7.22	9.9	1516	57	5.81	+111	Clear
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
1322	S1 7.19	2.25	7.18	9.1	1517	23.0 ~~375~~	5.45	+110	Clear
1337	S2 10.95	5.0	7.11	9.7	1548	21.8 ~~350~~	4.08	+53	clear

Well No. MW-2B			Diameter (inches): 2			Sample Date / Time: 1/12/15			
Product Depth (fbTOR):			Water Column (ft):			DTW when sampled:			
DTW (static) (fbTOR): 4.61			One Well Volume (gal): 3.44			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 24.88			Total Volume Purged (gal):			Purge Method:			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1351	0 Initial		11.73	9.9	2656	384	3.27	+47	TURBID
1356	1 4.90		9.56	11.3	1445	420	3.16	+13	" "
	2 4.90	3	8.63	11	1500	361	3.67	+38	" "
1400	3 5.02	4	8.28	10.9	1551	194	3.35	+42	" "
1404	4		7.84	11.1	1533	71	3.32	+31	cloudy
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
1405	S1 5.02		7.75	10.9	1506	23	4.63	+41	Clear
1423	S2 5.91	5	7.34	10.1	1535	0.00	2.53	+38	Clear

REMARKS: Blind Dup collected At mw-2B.

Note: All measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY: RLO

TurnKey Environmental Restoration, LLC

GROUNDWATER FIELD FORM

Project Name: 3021 Orchard Park Road RI Date: 11/12/15
Location: 3021 Orchard Park Road Project No.: Field Team: RLO/TAB

Well No. MW-5A			Diameter (inches): 2"			Sample Date / Time:			
Product Depth (fbTOR):			Water Column (ft):			DTW when sampled:			
DTW (static) (fbTOR): 2.66			One Well Volume (gal): 2.92			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 19.89			Total Volume Purged (gal):			Purge Method:			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1023	0 Initial		6.53	9.5	1476	303	7.56	+131	TURBID
1025	1 3.91	.25	6.60	11.2	1456	253	7.42	+149	" "
1026	2 4.45	.50	6.70	11.1	1504	98	7.50	+175	" "
1028	3 5.21	1	6.75	10.7	1341	67	7.50	+102	" "
	4		6.76	11.2	1346	60	6.73	+124	CLOUDY
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
1032	S1 5.77	1.25	6.83	10.3	1319	110	6.82	+135	TURBID
1045	S2 9.20	2.50	7.34	9.3	1203	132	7.90	+145	TURBID

Well No. MW-4A			Diameter (inches): 2			Sample Date / Time: 11/12/15			
Product Depth (fbTOR):			Water Column (ft):			DTW when sampled:			
DTW (static) (fbTOR): 6.35			One Well Volume (gal): 2.20			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 19.30			Total Volume Purged (gal):			Purge Method:			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1122	0 Initial		7.25	10.5	1749	>1000	3.03	+156	TURBID/BRN
1124	1 6.65	1	7.17	10.7	1685	>1000	3.33	+121	" "
1125	2 6.56	1.5	7.02	11.4	1638	>1000	2.46	+54	" "
1127	3 6.68	2	6.96	13	1846	975	2.21	+82	" "
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
1128	S1 6.71	2.5	6.94	12.6	1744	817	2.61	+22	TURBID
1145	S2 6.90	4.5	6.89	10.3	1586	610	1.59	+23	TURBID

REMARKS: Sub samples collected at MW-5A & 4A

Note: All measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY: RLO

TurnKey Environmental Restoration, LLC

EQUIPMENT CALIBRATION LOG

PROJECT INFORMATION:

Project Name: 3021 OR Road

Date: 1/13/15

Project No.: 0304-014-003

Client: 3021-3091 Oram Park Road

Instrument Source: ☐ BM ☐ Rental

METER TYPE	UNITS	TIME	MAKE/MODEL	SERIAL NUMBER	CAL. BY	STANDARD	POST CAL. READING	SETTINGS
☒ pH meter	units	0900	Myron L Company Ultra Meter 6P	6213516 ☐ 6212375 ☐ 6223973 ☒	TAB	4.00 7.00 10.01	3.56 6.98 9.84	4.0 7.0 10.0
☒ Turbidity meter	NTU	0900	Hach 2100P or 2100Q Turbidimeter	06120C020523 ☐ 07110C026405 ☐ 13120C030432 ☒	TAB	< 0.4 or 20 for 2100 Q 20 100 800	19.5	20.0 verification
☒ Sp. Cond. meter	uS mS	900	Myron L Company Ultra Meter 6P	6213516 ☐ 6212375 ☐ 6223973 ☒	TAB	1413 mS @ 25 °C	1417	1413
☐ PID	ppm		MinRAE 2000			open air zero ____ ppm Iso. Gas		MIBK response factor = 1.0
☒ Dissolved Oxygen	ppm	900	HACH Model HQ30d	0807000023281 ☐ 10050041867 ☐ 140200100319 ☒	TAB	100% Satuartion	100.2%	—
☐ Particulate meter	mg/m³					zero air		
☐ Oxygen	%					open air		
☐ Hydrogen sulfide	ppm					open air		
☐ Carbon monoxide	ppm					open air		
☐ LEL	%					open air		
☐ Radiation Meter	uR/H					background area		

ADDITIONAL REMARKS:

PREPARED BY: TAB **DATE:** 1/13/15

TurnKey Environmental Restoration, LLC

GROUNDWATER FIELD FORM

Project Name: 3021 Orchard Park Road RI
Location: 3021 Orchard Park Road Project No.:
Date: 11/13/15
Field Team: RLO / TAB

Well No. MW-3A			Diameter (inches): 2			Sample Date / Time: 11/13/15			
Product Depth (fbTOR):			Water Column (ft):			DTW when sampled:			
DTW (static) (fbTOR): 6.01			One Well Volume (gal): 1.57			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 15.26			Total Volume Purged (gal):			Purge Method:			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
0924	0 Initial		6.08	10.5	1045	>1000	3.60	+220	TURBID
0925	1 7.81	.25	6.38	10	1157	544	3.63	+202	" "
0927	2 8.53	1	6.45	9.6	1320	325	4.04	+189	" "
0931	3 8.49	1.5	6.74	8.4	1027	569	3.83	+168	" "
0934	4 8.63	2	6.72	7.9	1164	218	3.74	+162	" "
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
0937	S1 8.70	2.25	6.67	9.0	1137	179	3.02	+141	TURBID
0956	S2 11.30	4	7.11	6.1	1028	221	3.66	+127	TURBID

Well No. MW-3B			Diameter (inches): 2			Sample Date / Time: 11/13/15			
Product Depth (fbTOR):			Water Column (ft):			DTW when sampled:			
DTW (static) (fbTOR): 6.34			One Well Volume (gal): 3.20			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 25.18			Total Volume Purged (gal):			Purge Method:			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1007	0 Initial		7.04	10	1014	>1000	2.57	+115	TURBID
1011	1	.50	6.80	10.8	1036	736	2.06	+82	" "
1012	2 6.76	2	6.78	10.8	1026	322	2.93	+77	" "
1013	3 6.76	3	6.77	10.7	1034	184	3.40	+67	" "
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
1015	S1 6.76	3.25	6.86	10.4	1038	77	3.23	+45	Cloudy
1030	S2 6.40	5	7.31	8.3	900	14.8	2.27	+62	Clear

REMARKS: TOT & SOL metals collected at MW34
SOL BD + MW 34
SOL metals - MW33

Note: All measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY: RLO

TurnKey Environmental Restoration, LLC

EQUIPMENT CALIBRATION LOG

PROJECT INFORMATION:

Project Name: **3021 Orchard Park IRM**

Project No.: 0304-014-003

Client: 3021-3041 Orchard Park Rd, LLC

Date: 3/25/15

Instrument Source: ☐ BM ☐ Rental

METER TYPE	UNITS	TIME	MAKE/MODEL	SERIAL NUMBER	CAL. BY	STANDARD	POST CAL. READING	SETTINGS
☒ pH meter	units	805	Myron L Company Ultra Meter 6P	6213516 ☐ 6212375 ☐ 6223973 ☐	TAB	4.00 7.00 10.01	4.02 6.98 9.95	4.0 7.0 10.0
☒ Turbidity meter	NTU	805	Hach 2100P or 2100Q Turbidimeter	06120C020523 ☒ 07110C026405 ☐ 13120C030432 ☐	TAB	< 0.1 ~~or 20 for 2100 Q~~ 20 100 800	0.27 21.2 95.2 746	0.1 20 100 800
☐ Sp. Cond. meter	uS mS		Myron L Company Ultra Meter 6P	6213516 ☐ 6212375 ☐ 6223973 ☐		_____ mS @ 25 °C		
☐ PID	ppm		MinRAE 2000			open air zero _____ ppm Iso. Gas		MIBK response factor = 1.0
☒ Dissolved Oxygen	ppm	805	HACH Model HQ30d	0807000023281 ☐ 10050041867 ☐ 140200100319 ☒	TAB	100% Satuartion	100% Saturation	slope 102 %
☐ Particulate meter	mg/m³					zero air		
☐ Oxygen	%					open air		
☐ Hydrogen sulfide	ppm					open air		
☐ Carbon monoxide	ppm					open air		
☐ LEL	%					open air		
☐ Radiation Meter	uR/H					background area		

ADDITIONAL REMARKS:

PREPARED BY: TAB **DATE:** 3/25/15

TurnKey Environmental Restoration, LLC

GROUNDWATER FIELD FORM

Project Name: 3021 OP Road
Location: 3021 OP Road
Project No.:
Date: 3/25/15
Field Team:

Well No. 1B			Diameter (inches): 2			Sample Date / Time: 3/25/15 0127			
Product Depth (fbTOR): —			Water Column (ft): 18.38			DTW when sampled: 3.77			
DTW (static) (fbTOR): 3.65			One Well Volume (gal): 2.99			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 22.03			Total Volume Purged (gal): 2.0			Purge Method: Peri low flow			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1316	0 Initial	2ø.75	6.96	9.5	16.77	>1000	1.10	28	turbid no odor
1318	1 3.68	0.25	6.94	9.8	1688	>1000	1.32	22	" "
1321	2 3.69	0.50	6.85	10.7	1706	>1000	1.89	11	" "
1324	3 3.77	0.75	6.82	10.9	1704	358	1.25	-8	Slight turbid
1329	4 3.77	2.0	6.80	9.6	1707	212	1.11	-13	" "
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
1330	S1 3.77	2.0	6.81	10.7	1696	149		-21	" "
	S2								

Well No. 1A			Diameter (inches): 2			Sample Date / Time: 3/25/15 1553			
Product Depth (fbTOR): —			Water Column (ft): 8.93			DTW when sampled: 4.25			
DTW (static) (fbTOR): 1.65			One Well Volume (gal): 1.45			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 10.58			Total Volume Purged (gal): 1.25			Purge Method: low flow			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1343	0 Initial	2ø.25	6.89	6.8	1897	232	1.96	-29	Slight turbid no odor
1346	1 3.42	0.25	6.89	7.1	1893	119	1.38	-15	Slight turbid no odor
1349	2 3.86	0.50	6.91	6.6	1861	53.3	1.34	-13	" "
1352	3 3.81	0.75	6.92	6.5	1839	52.3	1.60	2	" "
1352	4 4.01	1.0	6.90	6.3	1896	34.5	1.88	11	" "
1353	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
1353	S1 4.25	1.25	6.86	6.1	1925	21.6	1.63	—	" "
	S2								

REMARKS:

Note: All measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY: JJR

TurnKey Environmental Restoration, LLC

GROUNDWATER FIELD FO

Project Name: 3021 OP Road
Location: 3021 OP Road
Project No.:
Date: 3/25/15
Field Team: JJR+TAB

Well No. 2A

Product Depth (fbTOR): —
DTW (static) (fbTOR): 4.08
Total Depth (fbTOR): 14.68
Diameter (inches): 2
Water Column (ft): 10.6
One Well Volume (gal): 1.749
Total Volume Purged (gal): 1.0
Sample Date / Time: 3/25/15 1424
DTW when sampled: 5.81
Purpose: ☐ Development ☐ Sample ☒ Purge & Sample
Purge Method: Low Flow

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1412	0	Initial	<0.25	6.85	7.9	1938	211	1.72	27	Slight turbid tan color
1416	1	5.09	0.25	6.87	8.1	1931	376	1.66	38	" "
1418	2	5.21	0.5	6.83	8.8	1922	276	1.66	30	" "
1420	3	5.52	0.75	6.84	8.1	1922	159	1.46	39	" "
	4									
	5									
	6									
	7									
	8									
	9									
	10									
Sample Information:										
1424	S1	5.81	1.0	6.86	8.4	1923	159	1.46	48	" "
	S2									

Well No. 2B

Product Depth (fbTOR): —
DTW (static) (fbTOR): 4.02
Total Depth (fbTOR): 24.88
Diameter (inches): 2
Water Column (ft): 20.86
One Well Volume (gal): 3.4
Total Volume Purged (gal): 9.0
Sample Date / Time: 3/25/15 1523
DTW when sampled: 4.65
Purpose: ☐ Development ☐ Sample ☒ Purge & Sample
Purge Method: Low Flow

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1444	0	Initial	<0.25	11.58	9.9	3051	>1000	0.93	-62	turbid tan color
1449	1	4.61	0.25	12.00	10.9	3682	155	8.80	-89	Slight turbid
1452	2	4.65	0.75	11.38	8.2	1089	435	1.15	-35	" "
1457	3	4.65	1.50	9.37	11.2	1512	150	1.82	-48	" "
0504	4	4.65	2.0	8.99	11.8	1587	146	1.45	-55	" "
1506	5	4.65	3.0	8.69	11.8	1632	211	1.29	-42	" "
1509	6	4.65	3.75	8.50	11.8	1660	98.2	1.25	-49	" "
1512	7	4.65	4.50	8.32	11.8	1695	70.2	1.21	-46	" "
1515	8	4.65	6.0	8.20	11.8	1706	83.3	1.09	-51	" "
1517	9	4.65	7.0	8.05	11.6	1718	81.7	1.06	-53	" "
1519	10	4.65	8.0	7.93	11.6	1735	88.8	1.12	-52	" "
Sample Information:										
1523	S1	4.65	9.0	7.88	10.8	1730	84.1	1.26	-55	" "
	S2									

REMARKS:

Note: All measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY: JJR

TurnKey Environmental Restoration, LLC

GROUNDWATER FIELD FORM

Project Name: 3021 Orchard Park RE Date: 3/25/15

Location: ORCHARD PARK Project No.: 0304-014-003 Field Team: TAB

Well No. MW-31 | Diameter (inches): 2" | Sample Date / Time: 3/25/15 1145

Product Depth (fbTOR): | Water Column (ft): 9.87 | DTW when sampled: 957

DTW (static) (fbTOR): 5.36 | One Well Volume (gal): 1.60 | Purpose: ☐ Development ☐ Sample ☒ Purge & Sample

Total Depth (fbTOR): 15.23 | Total Volume Purged (gal): 5.0 | Purge Method: Low Flow

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1048	0	Initial	20.25	6.56	10.8	3862	4000	0.82	-24	cloudy No odor
1051	1	6.62	0.50	6.65	10.4	3775	643	1.37	-18	"
1053	2	6.71	1.0	6.59	10.4	3660	281	1.04	-15	"
1056	3	6.79	1.5	6.60	9.8	3508	182	0.92	-9	SL Turbid No odor
1100	4	7.21	2.0	6.58	9.5	3277	123	1.20	-3	"
1121	5	7.29	2.5	6.60	9.8	2605	50.4	0.96	2	"
1126	6	8.31	2.75	6.57	10	2663	43.5	0.93	-16	"
1129	7	8.41	3.50	6.56	10.1	2999	42.4	1.77	-5	"
1133	8	9.11	4.0	6.58	10.4	2904	40.9	1.33	-3	"
1136	9	9.21	4.50	6.60	10.3	2815	38.4	1.28	-7	
	10									
Sample Information:										
1145	S1	9.87	5.0	6.69	10.9	2993	38.9	1.58	1	"
	S2									

Well No. MW-33 | Diameter (inches): 2" | Sample Date / Time:

Product Depth (fbTOR): - | Water Column (ft): | DTW when sampled:

DTW (static) (fbTOR): 5.61 | One Well Volume (gal): | Purpose: ☐ Development ☐ Sample ☐ Purge & Sample

Total Depth (fbTOR): | Total Volume Purged (gal): | Purge Method:

Time		Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
1200	0	Initial	20.25	6.64	10.4	1812	132	0.94	33	SL Turbid No odor
1205	1	5.71	0.50	6.59	11.6	1504	213	1.46	23	"
1207	2	6.77	1.0	6.56	12.1	1794	160	0.80	23	"
1210	3	6.79	1.50	6.57	12.1	1789	98	0.79	22	
	4									
	5									
	6									
	7									
	8									
	9									
	10									
Sample Information:										
1213	S1	5.81	2.0	6.57	12.0	1788	73.7	1.19	18	"
	S2									

REMARKS:

Note: All measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY: TAB

TurnKey Environmental Restoration, LLC

GROUNDWATER FIELD FORM

Project Name: Soil OP Road
Location: 30:1 OP Road
Project No.:
Date: 3/25/15
Field Team: TAB

Well No. MW-4A			Diameter (inches): 2"			Sample Date / Time:			
Product Depth (fbTOR): -			Water Column (ft):			DTW when sampled:			
DTW (static) (fbTOR): 5.54			One Well Volume (gal):			Purpose: ☐ Development ☐ Sample ☑ Purge & Sample			
Total Depth (fbTOR): 19.28			Total Volume Purged (gal):			Purge Method: Low-Flow			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
830	0 Initial	<0.25	7.43	8.6	2026	>1000	1.61	59	Grey ~~Brown~~ and No odor
835	1 6.43	0.50	6.72	10.6	1717	>1000	1.38	40	"
838	2 6.44	1.25	6.71	10.6	1611	~~>1000~~ 953	1.25	36	"
841	3 6.44	2.0	6.71	11.5	1452	342	1.44	30	"
843	4 6.54	3.0	6.70	11.5	1457	220	1.18	22	"
845	5 6.56	3.5	6.69	11.8	1442	156	1.26	13	"
	6								
	7								
	8								
	9								
	10								
Sample Information:									
849	S1 6.61	4.0	6.76	10.4	1463	122	1.70	9	"
	S2								

Well No. MW-5A			Diameter (inches): 2"			Sample Date / Time:			
Product Depth (fbTOR): -			Water Column (ft):			DTW when sampled:			
DTW (static) (fbTOR): 1.11			One Well Volume (gal):			Purpose: ☐ Development ☐ Sample ☐ Purge & Sample			
Total Depth (fbTOR): 19.68			Total Volume Purged (gal):			Purge Method:			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC ~~(uS)~~ mS	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
928	0 Initial	>0.25	8.22	8.9	10,270	93.9	1.49	13	SL Turbid Brown
932	1 4.06	0.25	8.42	9.2	10,140	127	1.18	7	"
936	2 5.71	0.50	8.36	7.9	9981	120	1.51	3	"
938	3 6.31	2.0	8.19	7.6	9895	87.5	1.48	19	"
943	4 7.50	2.75	7.64	7.5	9084	60.1	1.17	10	"
945	5 7.71	3.0	7.25	7.2	8701	48.9	1.24	-10	"
948	6 8.72	3.50	7.15	7.8	8793	36.3	1.04	-17	"
954	7 9.70	4.25	7.96	8.4	8682	217	0.82	-10	"
958	8 10.50	5.0	8.03	8.9	2053	52.4	0.95	-28	"
1003	9 11.71	5.50	7.84	9.2	9255	53.8	0.97	-49	"
1006	10 12.61	6.25	7.92	9.4	9352	45.0	0.94	-58	"
1008	13.22	7.0	7.98	9.7	9468	30.1	1.0	-56	"
Sample Information:									
1013	S1 14.53	7.50	8.04	9.3	9434	27.9		-47	"
	S2								

REMARKS:

Note: All measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY: TAB

APPENDIX D

DATA USABILITY SUMMARY REPORT

Data Validation Services

120 Cobble Creek Road P.O. Box 208
North Creek, NY 12853

Phone 518-251-4429
harry@frontiernet.net

April 9, 2015

Bryan Hann
Turnkey Environmental Restoration
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218

RE: Validation of the 3021 Orchard Park Road Site Sample Analytical Data Packages
Alpha Analytical Nos. L1410959, L1411100, L1427049, L1427154, L1430017, L1430926, L1431081, L1431129, L1431380, L1431383, L1500088, L1500727, L1500729, and L12506003

Dear Mr. Hann:

Review has been completed for the data packages generated by Alpha Analytical, Inc that pertain to samples collected between 05/20/14 and 03/25/15 at the 3021 Orchard Park Road site. Twenty seven soil samples, eight aqueous samples, four soil field duplicates, and an aqueous field duplicate were processed for TCL and CP-51 volatiles, TCL semivolatiles, TCL PCBs, and TAL metals. The aqueous samples, three soil samples, the aqueous field duplicate, and one soil field duplicate were also processed for TCL pesticides and the three TCL herbicides. Eight soil samples and fourteen aqueous samples were processed for TCL and CP-51 volatiles. Equipment blanks and trip blanks were also processed. The analytical methodologies are those of the USEPA SW846. The semivolatile analyses of aqueous samples were performed at full scan and with Selective Ion Monitoring (SIM).

The data package submitted by the laboratory contains full deliverables for validation, but this usability report is generated from review of the QC summary form information, with full review of sample raw data and limited review of associated QC raw data. The reported QC summary forms and sample raw data have been reviewed for application of validation qualifiers, in accordance with the project QAPP, with guidance from the USEPA national and regional validation documents, and in consideration for the specific requirements of the analytical methodology. The following items were reviewed:

* Data Completeness
* Case Narrative
* Custody Documentation
* Holding Times
* Surrogate and Internal Standard Recoveries
* Trip/Method Blanks
* Laboratory Control Sample (LCS)
* Field Duplicate Correlations
* Matrix Spike Recoveries and Duplicate Correlations
* Field Duplicate Correlations

* Instrumental Tunes
* Calibration Standards
* ICP Serial Dilution Evaluations
* ICP Interference Check Samples
* Method Compliance
* Sample Result Verification

The data review includes evaluation of the specific items noted in The NYS DER-10 Appendix B section 2.0 (c). The items listed above that show deficiencies are discussed within the text of this narrative. The laboratory QC forms illustrating the excursions can be found within the laboratory data package.

In summary, most results are usable either as reported or with minor qualification or edit. The following issues are noted:

- 1,4-dioxane in all samples are rejected due to processing limitations
- acid compounds (phenols) in B-18(4-6) are rejected due to an apparent matrix effect
- results for three semivolatile analytes in one soil sample and four in another were rejected due to apparent matrix effects

Accuracy, data completeness, comparability, and representativeness are acceptable. Laboratory precision is good. Field duplicate evaluations indicate that there is evidence of a non-homogeneous soil matrix.

Copies of the client sample identifications laboratory summaries are attached to this text. Also included in this submission are the client results tables, with recommended qualifiers/edits applied in red to the analytes listed on those tables.

General-Compliance Issues

The laboratory utilizes acceptance ranges for the almost all of the organic analyte surrogate, LCS, and matrix spike recoveries and correlations that are set ranges, rather than following the analytical protocol requirement for determining ranges/limits. These limits are wider (more generous) than those typically determined when following protocol requirements. Some of the analytes do not have acceptance ranges noted. Although no qualification is made for this non-compliance, accuracy and precision acceptability is difficult to evaluate, as actual acceptance ranges are unknown.

The pesticide and Aroclor analytical sequences do not include the end-of-sequence closing standards required of the analytical protocol. Therefore, system accuracy after sample analysis has not been determined.

The laboratory utilized the same controls (LCSs and blanks) and calibration standards for the low level and medium level volatile analyses. According to the analytical protocol, the soil samples should have been heated, and the medium level not.

Chain-of-Custody/Sample Receipt

The preservation of the aqueous samples was not denoted.

Field Duplicate Correlations

Blind field duplicates were collected at locations MW-2B (MW-3A for dissolved metals), B-13(1-4), B-9(4-8), and SED-1. The following correlations fall outside validation guidelines, and results for those elements in the indicated parent sample and its duplicate have been qualified as estimated:

- benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, fluoranthene, pyrene, arsenic, calcium, chromium, copper, iron, lead, nickel, vanadium, and zinc in B-13(1-4)
- cobalt and manganese (66%RPD and 68%RPD) in B-9(4-8)
- cis-1,2-dichloroethene, tetrachloroethene, and trichloroethene, fluoranthene, pyrene, barium, copper, silver, sodium, and zinc in SED-1

Volatile Analyses by EPA8260C

The following detections are edited to nondetection due to very poor mass spectral quality:

- cyclohexane in B-5(0.4-4.0)
- n-butylbenzene, isopropyltoluene, and total xylenes in MW-1B(2-4)

The following detections are qualified as tentative in identification and estimated in value due to poor mass spectral quality:

- cyclohexane in SB-6
- methylcyclohexane in B-23 2-4'

Due to presence in the associated method blank, the following detections are considered external contamination, and are edited to reflect non-detection:

- toluene in B-6 4-8 and in all samples reported in SDG L1427049 and L1430177 except B-16(4-6)
- methylene chloride in the soil samples collected 05/20/14
- chloromethane in B-1(0.3-2.0)
- acetone and 2-butanone in SED-1 and Blind Dup #3
- acetone in MW-1B(2-4)

These detections should have been flagged as "B" by the laboratory.

The matrix spikes of B-15(4-8) show recoveries below the laboratory acceptance ranges for a high proportion of the analytes. However, as noted above, the range utilized was almost always 70% to 130%, rather than generated according to the protocol requirements. Additionally, recoveries of specific spike compounds relative to the deuterated analog surrogate compounds are inconsistent. Because matrix effect is not confirmed, no qualification to the results of that parent sample has been made.

The matrix spikes of MW-1B, SED-1, and B-5(0.4-4.0) show acceptable accuracy and precision, with the following exceptions, results for which are to be qualified as estimated in the indicated parent samples:

- acetone (181% and 152%) in MW-1B, SED-1, MW-1B(2-4), and Blind Dup #3
- trichloromethane, bromoform, and chloroethane (26% to 68%) in B-5(0.4-4.0)
- trichlorofluoromethane (66% and 64%) in SED-1

The results for those compounds in the parent samples have been qualified as estimated in value.

Holding times were met. Surrogate and internal standard recoveries are within required ranges.

The results for 1,4-dioxane are rejected and not usable due to very poor response in the calibration standards. The other calibration standards show acceptable responses, with the following exceptions, the results for which are to be qualified as estimated in the indicated samples:

- 1,2,3-trichlorobenzene (22%D) in samples reported in SDG L1411100
- vinyl chloride, trichlorofluoromethane, and 1,2,3-trichlorobenzene (28%D to 42%D) in samples reported in SDG L1430017
- acetone (low RRF) in MW-3B(12-14), SED-1, MW-1B(2-4), Blind Dup #3, and the samples reported in SDG L1427049
- dichlorodifluoromethane and trichlorofluoromethane (24%D and 43%D) in samples reported in SDG L1430926
- trichlorofluoromethane, 1,1,2,2,-tetrachloroethane, and 1,2-dibromo-3-chloropropane (21%D to 25%D) in sample MW-3B(12-14)
- 1,2-dibromo-3-chloropropane (29%D) in samples reported in SDG L1410959
- 2-hexanone (33%D and 34%D) in samples reported in L1431379, L1431383, and L1500088
- bromomethane, acetone, 2-butanone, and 2-hexanone (24%D to 29%D) in samples reported in SDG L1500729
- vinyl chloride, trichlorofluoromethane, and 1,2,3-trichlorobenzene (28%D to 42%D) in samples B-12 (2-4), B-13 (1-4), BLIND DUP #2, B-14 (1-4), B-15 (4-8), B-22 (1-3), B-17 (4-6), and B-18 (4-6)
- 4-methyl-2-pentanone and 2-hexanone (27%D to 28%D) in sample B-16 (4-6)
- bromomethane, 1,2-dibromo-3-chloropropane, 1,2,3-trichlorobenzene, and 1,2,4-trichlorobenzene (24%D to 36%D) in all samples reported in SDG L1506003
- chloromethane and 2-hexanone (23%D and 26%D) in MW-5A (March)
- bromomethane, acetone, 2-butanone, and 2-hexanone (28%D and 29%D) in DI-3

The results for vinyl chloride and 1,2,3-trichloroethane in B-23 2-4' and in the samples reported in SDG L1430017, are to be qualified as estimated due to low recoveries (58% to 66%) in the associated LCS. Results for 1,2,3-trichlorobenzene in all field samples reported in L1506003 except MW-5A are similarly qualified due to low LCS recoveries (65% and 68%).

TCL Semivolatiles by EPA8270D—Full Scan and SIM

The results for the phenolic compounds in B-18(4-6) are not usable due to a recovery below 10% for surrogate compound 2,4,6-tribromophenol. A matrix effect is suspected, but not confirmed by reextraction. Base/neutral compounds in the sample are not affected.

The following detections are edited to nondetection due to very poor mass spectral quality:

- anthracene in Blind Dup#3
- carbazole in SED-1

The following detections are qualified as tentative in identification and estimated in value due to poor mass spectral quality:

- fluoranthene in B-12(2-4)
- acenaphthylene in B-5(0.4-4.0)
- phenanthrene and fluoranthene in Blind Dup#3
- phenanthrene, fluorene, and anthracene in in SED-1

Results for analytes initially reported with the "E" flag are derived from dilution analyses.

Holding times were met. Surrogate and internal standard recoveries are within required ranges.

The results for 3,3'-dichlorobenzidine in the samples reported in L1431081 and L1431129 are qualified as estimated, with a low bias, due to low recoveries (38% and 37%) in the associated LCS.

The detections of bis(2-ethyhexyl)phthalate in the aqueous samples are considered external contamination, and are edited to reflect non-detection, due to presence in the associated equipment and method blanks.

The results for 2,4-dinitrophenol, hexachlorocyclopentadiene, caprolactum, and 4,6-dinitro-2-methylphenol in SED-1 are not usable due to recoveries below 10% in the parent sample matrix spikes. The results for 3,3'-dichlorobenzidene are qualified as estimated in that parent sample due to low recoveries (33%and 39%) in those spikes.

The results for 2,4-dinitrophenol, hexachlorocyclopentadiene and 4,6-dinitro-2-methylphenol in B-5(0.4-4.0) are not usable due to recoveries below 10% in the parent sample matrix spikes.

The matrix spikes of MW-1B show acceptable recoveries and correlations.

Calibration standards show acceptable responses, with the following exceptions, the results for which are qualified as estimated in the indicated samples:

- hexachlorocyclopentadiene (27%D to 39%D) in samples reported in SDGs L1430926, L1500088, and L1500729, and B-22 (1-3), B-16 (4-6), B-17 (4-6), and B-18 (4-6)

Aroclor PCBs, TCL Herbicides, and TCL Pesticides by EPA methods 8081B, 8151, and 8082

The pesticide, Aroclor 1016/1260, and herbicide matrix spikes of MW-1B and B-5(0.4-4.0), and the Aroclor matrix spikes of SED-1, show recoveries and duplicate correlations that are within validation action limits, with the exception of those for the Aroclors (28% to 57%) in B-5(0.4-4.0). Results for the PCBs are qualified estimated in that parent sample.

Holding times were met, surrogate recoveries are compliant, and blanks show no contamination. The responses for the calibration standards that were processed are within validation action levels.

Some of the raw data chromatograms are not properly scaled, and surrogate (and therefore potential target analyte) responses are dwarfed.

TAL Metals Analyses by EPA 6010C, 6020, 7470A, and 7471A

The analytes listed below show significantly higher concentrations in the filtered fraction than in the total fraction. The results of those elements have been qualified as estimated in both fractions of the indicated sample:

- magnesium and sodium in MW-3A and MW-3B
- magnesium and potassium in MW-5A
- zinc in MW-1B

Matrix spikes were performed on MW-1B Total, MW-1B-Dissolved, SED-1, B-5(0.4-4.0), and B-13(1-4). They show the following recoveries or duplicate correlations that are outside the validation

action ranges/limits, indicating a matrix effect on analyte recovery from the samples. The results for the listed elements are qualified as estimated in the indicated parent samples:

Parent Sample	Element	Outlying % Recoveries	Outlying %RPD
B-5(0.4-4.0)	chromium	64,64	
	cobalt	60,73	
	copper	51,65	
	lead	55,66	
	nickel	54,65	
	thallium	50,61	
	zinc	37,48	
	mercury	0,126	53
B-13(1-4)	thallium	70,68	
SED-1	mercury	146,136	
	lead	248	69
	manganese	318,66	43
	silver	170,140	
	thallium	64,70	
	zinc	42,0	
MW-1B	magnesium	0,0	

The ICP serial dilution evaluations were performed on the same parent samples as the matrix spikes, and show the following elevated correlations. Therefore detected results for those analytes in the indicated parent sample have been qualified as estimated in value, with a possible low bias.

Parent Sample	Element	%Difference
B-5(0.4-4.0)	calcium	17
	magnesium	25
B-15(4-8)	aluminum	60
	barium	54
	calcium	61
	iron	60
	magnesium	60
	manganese	64

The equipment blank associated with the aqueous samples shows numerous detected values; this is largely due to the sensitivity and low reporting limits of method 6020. Detections of those elements in the associated samples that are within fivefold concentration of that blank are considered external contamination, and have been edited to reflect non-detection.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,

Judy Harry

Att: Validation Qualifier Definitions
Client and Laboratory Sample IDs
Qualified Client Results Tables

VALIDATION DATA QUALIFIER DEFINITIONS

U	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
J+	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
UJ	The analyte was analyzed for, but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.
NJ	The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.
EMPC	The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

Laboratory and Client Sample Identifications

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-001

Lab Number: L1410959
Report Date: 02/24/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1410959-01	SB-1	SOIL	3021 ORCHARD PARK RD	05/20/14 16:15	05/21/14
L1410959-02	SB-2	SOIL	3021 ORCHARD PARK RD	05/20/14 19:30	05/21/14
L1410959-03	SB-3	SOIL	3021 ORCHARD PARK RD	05/20/14 18:30	05/21/14
L1410959-04	SB-4	SOIL	3021 ORCHARD PARK RD	05/20/14 18:45	05/21/14
L1410959-05	SB-5	SOIL	3021 ORCHARD PARK RD	05/20/14 20:30	05/21/14
L1410959-06	SB-6	SOIL	3021 ORCHARD PARK RD	05/20/14 21:15	05/21/14

Project Name: 3021-3041 ORCHARD PARK RD SITE
Project Number: 0304-014-001

Lab Number: L1411100
Report Date: 02/24/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1411100-01	TPMW-7	WATER	3021-3041 ORCHARD PARK RD	05/22/14 12:29	05/22/14
L1411100-02	TPMW-8	WATER	3021-3041 ORCHARD PARK RD	05/22/14 13:25	05/22/14
L1411100-03	TPMW-9	WATER	3021-3041 ORCHARD PARK RD	05/22/14 13:40	05/22/14
L1411100-04	TPMW-10	WATER	3021-3041 ORCHARD PARK RD	05/22/14 13:47	05/22/14
L1411100-05	TPMW-11	WATER	3021-3041 ORCHARD PARK RD	05/22/14 13:59	05/22/14

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427049
Report Date: 11/25/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1427049-01	B-1 (0.3-2.0)	SOIL	ORCHARD PARK	11/10/14 12:43	11/11/14

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427154
Report Date: 11/25/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1427154-01	B-5 (0.4-4.0)	SOIL	ORCHARD PARK NY	11/11/14 13:45	11/11/14

Project Name: 3021 ORCHARD PARK RD.
Project Number: 0304-014-003

Lab Number: L1430017
Report Date: 12/19/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1430017-01	B-6 (4-8)	SOIL	ORCHARD PARK	12/12/14 11:50	12/12/14
L1430017-02	B-7 (8-10)	SOIL	ORCHARD PARK	12/12/14 12:30	12/12/14
L1430017-03	B-9 (4-8)	SOIL	ORCHARD PARK	12/12/14 14:20	12/12/14
L1430017-04	BLIND DUP #1	SOIL	ORCHARD PARK	12/12/14 12:00	12/12/14
L1430017-05	B-8 (9.5-11.5)	SOIL	ORCHARD PARK	12/12/14 14:50	12/12/14
L1430017-06	B-10 (5-7)	SOIL	ORCHARD PARK	12/12/14 16:00	12/12/14
L1430017-07	B-11 (2-4)	SOIL	ORCHARD PARK	12/12/14 16:10	12/12/14

Project Name: 3021 ORCHARD PARK RD.
Project Number: 0304-014-003

Lab Number: L1430177
Report Date: 12/23/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1430177-01	B-12 (2-4)	SOIL	ORCHARD PARK, NY	12/15/14 09:49	12/15/14
L1430177-02	B-13 (1-4)	SOIL	ORCHARD PARK, NY	12/15/14 10:08	12/15/14
L1430177-03	BLIND DUP #2	SOIL	ORCHARD PARK, NY	12/15/14 12:00	12/15/14
L1430177-04	B-14 (1-4)	SOIL	ORCHARD PARK, NY	12/15/14 10:40	12/15/14
L1430177-05	B-15 (4-8)	SOIL	ORCHARD PARK, NY	12/15/14 11:30	12/15/14
L1430177-06	B-22 (1-3)	SOIL	ORCHARD PARK, NY	12/15/14 12:00	12/15/14
L1430177-07	B-16 (4-6)	SOIL	ORCHARD PARK, NY	12/15/14 14:00	12/15/14
L1430177-08	B-17 (4-6)	SOIL	ORCHARD PARK, NY	12/15/14 14:30	12/15/14
L1430177-09	B-18 (4-6)	SOIL	ORCHARD PARK, NY	12/15/14 15:00	12/15/14

Project Name: 3021 ORCHARD PARK RD.
Project Number: 0304-014-003

Lab Number: L1430926
Report Date: 01/07/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1430926-01	MW-1B (2-4)	SOIL	ORCHARD PARK, NY	12/22/14 10:01	12/22/14
L1430926-02	SED-1	SEDIMENT	ORCHARD PARK, NY	12/22/14 12:32	12/22/14
L1430926-03	BLIND DUP #3	SOIL	ORCHARD PARK, NY	12/22/14 12:00	12/22/14

Project Name: 3021 ORCHARD PARK RD.
Project Number: 0304-014-003

Lab Number: L1431081
Report Date: 01/12/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1431081-01	SED-2	SOIL	ORCHARD PARK	12/23/14 09:34	12/23/14
L1431081-02	MW-2B (12-14)	SOIL	ORCHARD PARK	12/23/14 11:43	12/23/14

Project Name: 3021 OP RD.
Project Number: 0304-014-003

Lab Number: L1431129
Report Date: 01/12/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1431129-01	MW-3B (12-14)	SOIL	ORCHARD PARK	12/24/14 10:15	12/24/14

Project Name: 3021 ORCHARD PARK RD SITE
Project Number: 0304-014-003

Lab Number: L1431379
Report Date: 01/12/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1431379-01	B-19 (2-4)	SOIL	3021 ORCHARD PARK RD	12/30/14 12:13	12/31/14
L1431379-02	B-20 (2-4)	SOIL	3021 ORCHARD PARK RD	12/30/14 10:00	12/31/14
L1431379-03	B-21 (3.5-4.5)	SOIL	3021 ORCHARD PARK RD	12/30/14 10:30	12/31/14
L1431379-04	B-24 (2-4)	SOIL	3021 ORCHARD PARK RD	12/30/14 11:22	12/31/14
L1431379-05	B-25 (4-5)	SOIL	3021 ORCHARD PARK RD	12/30/14 11:45	12/31/14

Project Name: 3021 OP ROAD
Project Number: 0304-014-003

Lab Number: L1431383
Report Date: 01/12/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1431383-01	MW-5A 12-22'	SOIL	ORCHARD PARK	12/30/14 15:25	12/31/14
L1431383-02	MW-4A 10-18'	SOIL	ORCHARD PARK	12/31/14 12:00	12/31/14

Project Name: 3021 OP ROAD
Project Number: 0304-014-003

Lab Number: L1500088
Report Date: 01/14/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1500088-01	B-23 2-4'	SOIL	ORCHARD PARK	01/05/15 10:27	01/05/15

Project Name: 3021 ORCHARD PARK RD.
Project Number: 0304-014-003

Lab Number: L1500727
Report Date: 01/20/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1500727-01	DI-3	WATER	ORCHARD PARK	01/13/15 11:00	01/13/15
L1500727-02	TRIP BLANK	WATER	ORCHARD PARK	01/13/15 00:00	01/13/15

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1500729
Report Date: 01/21/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1500729-01	MW-1A	WATER	ORCHARD PARK	01/12/15 15:10	01/13/15
L1500729-02	MW-1B	WATER	ORCHARD PARK	01/12/15 15:48	01/13/15
L1500729-03	MW-2A	WATER	ORCHARD PARK	01/12/15 13:22	01/13/15
L1500729-04	MW-2B	WATER	ORCHARD PARK	01/12/15 14:09	01/13/15
L1500729-05	BLIND DUP	WATER	ORCHARD PARK	01/12/15 12:00	01/13/15
L1500729-06	MW-3A	WATER	ORCHARD PARK	01/13/15 09:37	01/13/15
L1500729-07	BLIND DUP	WATER	ORCHARD PARK	01/13/15 12:15	01/13/15
L1500729-08	MW-3B	WATER	ORCHARD PARK	01/13/15 10:15	01/13/15
L1500729-09	MW-4A	WATER	ORCHARD PARK	01/12/15 11:28	01/13/15
L1500729-10	MW-5A	WATER	ORCHARD PARK	01/12/15 10:32	01/13/15
L1500729-11	EQUIPMENT BLANK	WATER	ORCHARD PARK	01/13/15 14:30	01/13/15
L1500729-12	TRIP BLANK	WATER	ORCHARD PARK	01/13/15 00:00	01/13/15

Project Name: 3021 ORCHARD PARK RD.
Project Number: 0304-014-003

Lab Number: L1506003
Report Date: 04/02/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1506003-01	MW-1A	WATER	ORCHARD PARK, NY	03/25/15 13:53	03/26/15
L1506003-02	MW-1B	WATER	ORCHARD PARK, NY	03/25/15 13:30	03/26/15
L1506003-03	MW-2A	WATER	ORCHARD PARK, NY	03/25/15 14:24	03/26/15
L1506003-04	MW-2B	WATER	ORCHARD PARK, NY	03/25/15 15:23	03/26/15
L1506003-05	MW-3A	WATER	ORCHARD PARK, NY	03/25/15 11:45	03/26/15
L1506003-06	MW-3B	WATER	ORCHARD PARK, NY	03/25/15 12:13	03/26/15
L1506003-07	MW-4A	WATER	ORCHARD PARK, NY	03/25/15 08:49	03/26/15
L1506003-08	MW-5A	WATER	ORCHARD PARK, NY	03/25/15 10:13	03/26/15
L1506003-09	EQUIPMENT BLANK	WATER	ORCHARD PARK, NY	03/25/15 15:00	03/26/15
L1506003-10	TRIP BLANK	WATER	ORCHARD PARK, NY	03/25/15 00:00	03/26/15

APPENDIX E

NYSDEC EDD SUBMITTAL CONFIRMATION & ANALYTICAL DATA PACKAGES

APPENDIX F

FISH & WILDLIFE RESOURCE IMPACT ANALYSIS CHECKLIST

Appendix 3C Fish and Wildlife Resources Impact Analysis Decision Key	If YES Go to:	If NO Go to:
1. Is the site or area of concern a discharge or spill event?	13	2
2. Is the site or area of concern a point source of contamination to the groundwater which will be prevented from discharging to surface water? Soil contamination is not widespread, or if widespread, is confined under buildings and paved areas.	13	3
3. Is the site and all adjacent property a developed area with buildings, paved surfaces and little or no vegetation?	4	9
4. Does the site contain habitat of an endangered, threatened or special concern species?	Section 3.10.1	5
5. Has the contamination gone off-site?	6	14
6. Is there any discharge or erosion of contamination to surface water or the potential for discharge or erosion of contamination?	7	14
7. Are the site contaminants PCBs, pesticides or other persistent, bioaccumulable substances?	Section 3.10.1	8
8. Does contamination exist at concentrations that could exceed ecological impact SCGs or be toxic to aquatic life if discharged to surface water?	Section 3.10.1	14
9. Does the site or any adjacent or downgradient property contain any of the following resources? i. Any endangered, threatened or special concern species or rare plants or their habitat ii. Any DEC designated significant habitats or rare NYS Ecological Communities iii. Tidal or freshwater wetlands iv. Stream, creek or river v. Pond, lake, lagoon vi. Drainage ditch or channel vii. Other surface water feature viii. Other marine or freshwater habitat ix. Forest x. Grassland or grassy field xi. Parkland or woodland xii. Shrubby area xiii. Urban wildlife habitat xiv. Other terrestrial habitat	11	10
10. Is the lack of resources due to the contamination?	3.10.1	14
11. Is the contamination a localized source which has not migrated and will not migrate from the source to impact any on-site or off-site resources?	14	12
12. Does the site have widespread surface soil contamination that is not confined under and around buildings or paved areas?	Section 3.10.1	12
13. Does the contamination at the site or area of concern have the potential to migrate to, erode into or otherwise impact any on-site or off-site habitat of endangered, threatened or special concern species or other fish and wildlife resource? (See #9 for list of potential resources. Contact DEC for information regarding endangered species.)	Section 3.10.1	14
14. No Fish and Wildlife Resources Impact Analysis needed.		

APPENDIX G

LAND USE EVALUATION

APPENDIX G
LAND USE EVALUATION

In developing and screening remedial alternatives, NYSDEC's Part 375 regulations require that the reasonableness of the anticipated future land be factored into the evaluation of remedial alternatives. The regulations identify 16 criteria that must be considered. These criteria and the resultant outcome for the Site are presented below for commercial use.

1. *Current use and historical and/or recent development patterns:* The Site is currently and has historically (since abt. 1972) been used as a commercial plaza, and is located in a moderately developed commercial area. Accordingly, commercial redevelopment would be consistent with historic and current site use.
2. *Applicable zoning laws and maps:* The reasonably anticipated future use of the Site is for commercial purposes, which is consistent with surrounding property use and Site zoning (commercial). Use in a commercial capacity is therefore consistent with current zoning.
3. *Brownfield opportunity areas as designated set forth in GML 970-r:* The Brownfield Opportunity Area (BOA) Program provides municipalities and community based organizations with assistance to complete revitalization plans and implementation strategies for areas or communities affected by the presence of brownfield sites, and site assessments for strategic sites. The BCP Site is not within a BOA.
4. *Applicable comprehensive community master plans, local waterfront revitalization plans as provided for in EL article 42, or any other applicable land use plan formally adopted by a municipality:* The Town of Orchard Park Comprehensive Plan was adopted September 19, 2007. The proposed redevelopment of the existing building to house a cancer center aligns with many goals of the Comprehensive Plan including: providing appropriate services for residents, including seniors and youth; encouraging the adaptive re-use of existing commercial structures; and encouraging new commercial growth to balance residential development and the tax base.
5. *Proximity to real property currently used for residential use, and to urban, commercial, industrial, agricultural, and recreational areas:* The adjacent land is primarily commercial properties whereas the surrounding land is a mix of commercial and residential properties and green space. Maintaining the use of the Site in a commercial capacity is consistent with surrounding property.
6. *Any written and oral comments submitted by members of the public on the proposed use as part of the activities performed pursuant to the citizen participation plan:* No comments have been received from the public, either for or against the proposed use.
7. *Environmental justice concerns, which include the extent to which the proposed use may reasonably be expected to cause or increase a disproportionate burden on the community in which*

APPENDIX G
LAND USE EVALUATION

the site is located, including low-income minority communities, or to result in a disproportionate concentration of commercial or industrial uses in what has historically been a mixed use or residential community: Nearby and adjacent property is actively used in both a commercial and residential capacity. Maintaining use of the Site in a commercial capacity does not pose environmental justice issues.

8. *Federal or State land use designations:* The property is designated as Office Building in a commercial area of the Town of Orchard Park (Real Property GIS). Reuse in a commercial capacity is consistent with the current land use designation.
9. *Population growth patterns and projections:* The Town of Orchard Park, encompassing 38.52 square miles, has a population of 29,054 (2010 US Census Bureau), an increase of 5.13% from the 2000 US Census (population of 27,637). As such, the redevelopment of the existing Site building into a cancer center would have no impact on the housing market nor would it affect opportunities for residential growth.
10. *Accessibility to existing infrastructure:* Access to the Site is from Orchard Park Road (240), Michael Road, and Union Road (277). The Site has access to all major public and private utilities, including potable water, sanitary and storm sewers, electric, and natural gas. Existing infrastructure supports reuse in a commercial capacity.
11. *Proximity of the site to important cultural resources, including federal or State historic or heritage sites or Native American religious sites*: There are no historical or cultural features on or within a ½-mile radius of the Site according to the NYS Historic Preservation Office GIS mapping website.
12. *Natural resources, including proximity of the site to important federal, State, or local natural resources, including waterways, wildlife refuges, wetlands, or critical habitats of endangered or threatened species*: There are no State or Federal wetlands located on the Site. The East Branch of Smoke Creek and two associated perennial ponds are located ±0.3 miles southwest of the Site. An intermittent tributary to Smoke Creek is located ±0.1 miles northeast of the Site. No regulated wetlands are located within a ½-mile radius of the Site. According to the NYSDEC's Environmental Resource Mapper, there are no rare plants/animals or significant natural communities within or near the Site.
13. *Potential vulnerability of groundwater to contamination that might emanate from the site, including proximity to wellhead protection and groundwater recharge areas and other areas identified by the Department and the State's comprehensive groundwater remediation and protection program established set forth in ECL article 15 title 31:* Currently, there are no known deed restrictions on the use of groundwater at the Site and there are no

APPENDIX G
LAND USE EVALUATION

groundwater supply wells on the Site. Municipal potable water service is provided to the Site and surrounding areas by the Erie County Water Authority with water distribution by the Town of Orchard Park Water District 8. Therefore, remediating the Site for use in a commercial capacity will not pose a drinking water threat.

14. *Proximity to flood plains:* The Site is not located in or near a flood plain. As such, remediating the Site for use in a commercial capacity does not pose a threat to surface water.
15. *Geography and geology:* The Site is located within the Erie-Ontario lake plain physiographic province, which is typified by little topographic relief and gentle slope toward Lake Erie, except in the immediate vicinity of major drainage ways. The native overburden soils across the Site consist of Sandy Lean Clay. Geography and geology are consistent with a commercial re-use.
16. *Current institutional controls applicable to the site:* No institutional controls are currently present that would affect redevelopment options.

Based on the above analysis, reuse of the Site in a commercial capacity is consistent with past and current development and zoning on-site and within the vicinity of the Site, and does not pose additional environmental or public health risk.

APPENDIX H

NYSDEC CONTAINED-IN DETERMINATION LETTER

January 27, 2015

Mr. Henry Wilkie
New York State Department of
Environmental Conservation
Division of Solid & Hazardous Materials
Bureau of Hazardous Waste and Radiation Management
625 Broadway
Albany, New York 12233-7528

Re: Request for Contained-In Determination
3021 Orchard Park Road Site, Orchard Park, New York
Brownfield Cleanup Site C915289

Dear Mr. Wilkie:

On behalf of our Client, 3021-3041 Orchard Park Road, LLC, Benchmark Environmental Engineering and Science, PLLC, and TurnKey Environmental Restoration, LLC (Benchmark TurnKey) is herein requesting approval for sanitary landfill disposal of soil/fill to be generated during remedial construction work at the above-referenced site under the "Contained-In Criteria for Environmental Media" (NYSDEC TAGM 3028).

The current owners of the Site, 3021-3041 Orchard Park Road, LLC and their development partners, CCS Oncology, P.C., both acting as Volunteers, have elected to pursue cleanup and redevelopment of the Site under the New York State Brownfield Cleanup Program (BCP) and have entered into a Brownfield Cleanup Agreement (BCA) with the NYSDEC. The 3021 Orchard Park Road Site is located in a moderately developed commercial area of Orchard Park, New York. The site is improved with a single story multi-unit commercial building and asphalt parking lot. Previous environmental investigations at the Site have indicated the property housed a dry cleaning tenant between 1978 and 2008. In November 2014, a Remedial Investigation (RI) Interim Remedial Measures (IRM) and Alternative Analysis (AA) (RI/IRM/AA) Work Plan for the Site was prepared by TurnKey and submitted to NYSDEC Region 9 Project Manager Mr. David Locey. The RI/IRM/AA Work Plan was approved by the Department in a letter dated November 25, 2014. Field work activities have since been completed at the Site.

Proposed redevelopment of the Site includes a multi-disciplinary medical facility, with construction anticipated to begin in February 2014. Due to the fact that the site is almost completely covered by asphalt parking lot surface and building, there is no opportunity to reuse or stockpile soils generated from construction excavations (i.e. footers, utility trenches,

etc.). All such materials will therefore need to be disposed offsite at a permitted facility as per DER Technical Guidance for Site Investigation and Remediation (DER-10).

Based on soil sampling results obtained during the RI activities, which indicated trace levels of chlorinated VOCs, and the likely source of such impacts (i.e., historic dry cleaning operation) TurnKey is requesting a "contained-in" determination to allow the materials to be disposed at a permitted Subtitle D Landfill facility. A description of the soil sampling results and proposed disposal details are presented in the sections below.

RI SOIL SAMPLING

In December 2014, TurnKey completed a soil boring and sampling program of the Site as part of the Remedial Investigation. Soil samples collected during the investigation were submitted for Target Compound List (TCL) plus NYSDEC CP-51 List VOCs, TCL semi-volatile organic compounds (SVOCs), Target Analyte List (TAL) metals, and polychlorinated biphenyls (PCBs) analysis. A soil sample was also collected for waste characterization disposal criteria, and submitted for Toxicity Characteristic Leaching Procedure (TCLP) analysis including TCLP VOCs; SVOC; RCRA metals; ignitability; reactivity and corrosivity.

SOIL SAMPLE RESULTS

Relevant soil sample analytical results are summarized on Table 1, attached; a copy of the complete laboratory analytical data is presented in Attachment 1. Specifically, Table 1 provides results from samples collected in areas of the Site where construction activities are anticipated to generate excess soils from footer and utility trench excavations. Although the results do not exceed relevant Soil Cleanup Objectives (SCOs) per 6NYCRR Part 375, the excess soils will need to be disposed offsite due to lack of a suitable reuse area onsite. Table 2 compares the results to TAGM 3038 "Contained in" Criteria for Environmental Media. In addition Table 3 presents TCLP analysis of a representative composite sample. As indicated on Tables 2 and 3, the analyzed compounds were either reported as non-detect or at a concentration well below the TAGM 3038 Action Level Criteria or the EPA Regulatory TCLP Limits, respectively.

Based on the analytical results, we believe that the soils generated during construction activities would be suitable for disposal at a permitted NY State sanitary landfill facility per NYSDEC TAGM 3028 entitled "Contained-In Criteria for Environmental Media."

OFF-SITE DISPOSAL

Benchmark would like to receive approval for disposal of excavated soil to Modern Landfill, a permitted and lined subtitled D sanitary landfill facility located at 1445 Pletcher Road, Model City, New York. The impacted soil will be directly loaded to tandem dump trucks with covers and transported to the facility by a licensed hauler.

Thank you in advance for your assistance. Please contact us if you have any comments or request additional information.

Sincerely,
Benchmark Environmental Engineering & Science, PLLC
TurnKey Environmental Restoration, LLC

Thomas H. Forbes, PE
Principal Engineer

Bryan C. Hann
Project Manager

ec: D. Locey (NYSDEC Region 9)
C. Doroski (NYSDOH)
P. Hogan (3021-3041 Orchard Park Road, LLC)
C. Jerzewski (CCS Oncology, P.C.)

File: 0304-014-003

TABLES

TURNKEY ENVIRONMENTAL RESTORATION, LLC

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TABLE 1

SUMMARY OF SOIL BORING SAMPLE ANALYTICAL RESULTS

3021 Orchard Park Road Site
Orchard Park, New York

PARAMETER[1]	Sample Location (Depth)			Protection of Groundwater [2]	Unrestricted Use SCOs[3]	Restricted Residential Use SCOs [4]	Commercial Use SCOs[5]	Industrial Use SCO's[6]
	B-1 (0.3-2.0 ft)	B-5 (0.4-4.0 ft)	B-23 (2-4 ft)					
Volatile Organic Compounds (VOCs) - mg/Kg								
1,2,4-Trimethylbenzene	0.27	ND	ND	**3.6**	**3.6**	**52**	**190**	**380**
1,3,5-Trimethylbenzene	0.13 J	ND	ND	**8.4**	**8.4**	**52**	**190**	**380**
Acetone	0.42 J	ND	0.023	**0.05**	**0.05**	**100**	**500**	**1000**
cis-1,2-Dichloroethene	ND	ND	0.0022	**0.25**	**0.25**	**100**	**500**	**1000**
Tetrachloroethene	0.1	ND	ND	**1.3**	**1.3**	**19**	**150**	**300**
Semi-Volatile Organic Compounds (SVOCs) - mg/Kg								
Benzo(b)fluoranthene	ND	0.18	ND	**1.7**	**1**	**1**	**5.6**	**11**
Indeno(1,2,3-cd)pyrene	ND	0.078 J	ND	**8.2**	**0.5**	**0.5**	**5.6**	**11**
Total Metals - mg/Kg								
Arsenic	ND	6.7	12	**16**	**13**	**16**	**16**	**16**

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC Part 375 Protection of Groundwater.
3. Values per NYSDEC Part 375 Unrestricted Soil Cleanup Objectives (SCOs).
4. Values per NYSDEC Part 375 Residential Soil Cleanup Objectives (SCOs).
5. Values per NYSDEC Part 375 Commercial Soil Cleanup Objectives (SCOs).
6. Values per NYSDEC Part 375 Industrial Soil Cleanup Objectives (SCOs).

Definitions:

ND = Parameter not detected above laboratory detection limit.

"--" = No value set by NYSDEC for this parameter; .

J = Estimated value; result is less than the sample quantitation limit but greater than zero.

TABLE 2

COMPARISON OF SOIL ANALYTICAL RESULTS TO NON-HAZAROUS DISPOSAL CRITERIA

3021 Orchard Park Road Site
Orchard Park, New York

PARAMETER[1]	Sample Location (Depth)			Soil/Sediment Action Level (mg/kg)[2]
	B-1 (0.3-2.0 ft)	B-5 (0.4-4.0 ft)	B-23 (2-4 ft)	
Volatile Organic Compounds (VOCs) - mg/Kg				
1,2,4-Trimethylbenzene	0.27	ND	ND	--
1,3,5-Trimethylbenzene	0.13 J	ND	ND	--
Acetone	0.42 J	ND	0.023	**8000**
cis-1,2-Dichloroethene	ND	ND	0.0022	**800**
Tetrachloroethene	0.1	ND	ND	**14**

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per TAGM 3028 "Contained-In Criteria for Environmental Media."

Definitions:

ND = Parameter not detected above laboratory detection limit.
"--" = No value set by NYSDEC for this parameter; .
J = Estimated value; result is less than the sample quantitation limit but greater than zero.

TURNKEY ENVIRONMENTAL RESTORATION, LLC

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TABLE 3

SUMMARY OF SOIL WASTE CHARACTERIZATION ANALYTICAL RESULTS

3021 Orchard Park Road Site
Orchard Park, New York

PARAMETER	Waste Characterization Sample #1	TCLP EPA Regulatory Limit
TCLP Volatile Organic Compounds (VOCs) - mg/l		
1,1-Dichloroethene	ND	0.7
1,2-Dichloroethane (EDC)	ND	0.5
1,4-Dichlorobenzene	ND	7.5
2-Butanone (MEK)	ND	200
Benzene	ND	0.5
Carbon tetrachloride	ND	0.5
Chlorobenzene	ND	100
Chloroform	ND	6
Tetrachloroethene	0.0037 J	0.7
Trichloroethene	ND	0.5
Vinyl chloride	ND	0.2
TCLP Semi-Volatile Organic Compounds (SVOCs) - mg/l		
2-Methylphenol	ND	200
3-Methylphenol/4-Methylphenol	ND	200
2,4,5-Trichlorophenol	ND	400
2,4,6-Trichlorophenol	ND	2
2,4-Dinitrotoluene	ND	0.13
2-Methylnaphthalene	ND	0.027 J
Hexachlorobutadiene	ND	0.5 J
Hexachlorobenzene	ND	0.13
Hexachloroethane	ND	3
Indeno(1,2,3-cd)pyrene	ND	ND
Nitrobenzene	ND	2
Pyridine	ND	5
Pentachlorophenol	ND	100
TCLP Metals - mg/l		
Arsenic	ND	5
Barium	0.62	100
Cadmium	ND	1
Chromium	ND	5
Lead	ND	5
Mercury	ND	0.2
Selenium	ND	1
Silver	ND	5

Definitions:

ND = Parameter not detected above laboratory detection limit.

J = Estimated value; result is less than the sample quantitation limit but greater than zero.

ATTACHMENT 1

LABORATORY ANALYTICAL DATA

ANALYTICAL REPORT

Lab Number:	L1427049
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Bryan Hann
Phone:	(716) 856-0599
Project Name:	3021 ORCHARD PARK RD
Project Number:	0304-014-003
Report Date:	11/21/14

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427049
Report Date: 11/21/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1427049-01	B-1 (0.3-2.0)	SOIL	ORCHARD PARK	11/10/14 12:43	11/11/14

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427049
Report Date: 11/21/14

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 all of the requirements of NELAC, for all NELAC accredited parameters. 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. 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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name:	3021 ORCHARD PARK RD	**Lab Number:**	L1427049
Project Number:	0304-014-003	**Report Date:**	11/21/14

Case Narrative (continued)

Report Submission

This report replaces the report issued on November 18, 2014. At the client's request, the project number has been updated.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

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: Cristin Walker

Title: Technical Director/Representative Date: 11/21/14

ORGANICS

VOLATILES

Project Name: 3021 ORCHARD PARK RD **Lab Number:** L1427049

Project Number: 0304-014-003 **Report Date:** 11/21/14

SAMPLE RESULTS

Lab ID: L1427049-01
Client ID: B-1 (0.3-2.0)
Sample Location: ORCHARD PARK
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/17/14 20:22
Analyst: BN
Percent Solids: 94%

Date Collected: 11/10/14 12:43
Date Received: 11/11/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	520	57.	1
1,1-Dichloroethane	ND		ug/kg	77	4.4	1
Chloroform	ND		ug/kg	77	19.	1
Carbon tetrachloride	ND		ug/kg	52	11.	1
1,2-Dichloropropane	ND		ug/kg	180	12.	1
Dibromochloromethane	ND		ug/kg	52	7.9	1
1,1,2-Trichloroethane	ND		ug/kg	77	16.	1
Tetrachloroethene	100		ug/kg	52	7.2	1
Chlorobenzene	ND		ug/kg	52	18.	1
Trichlorofluoromethane	ND		ug/kg	260	20.	1
1,2-Dichloroethane	ND		ug/kg	52	5.8	1
1,1,1-Trichloroethane	ND		ug/kg	52	5.7	1
Bromodichloromethane	ND		ug/kg	52	8.9	1
trans-1,3-Dichloropropene	ND		ug/kg	52	6.2	1
cis-1,3-Dichloropropene	ND		ug/kg	52	6.1	1
Bromoform	ND		ug/kg	210	12.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	52	5.2	1
Benzene	ND		ug/kg	52	6.1	1
Toluene	80		ug/kg	77	10.	1
Ethylbenzene	44	J	ug/kg	52	6.6	1
Chloromethane	110	J	ug/kg	260	15.	1
Bromomethane	150		ug/kg	100	17.	1
Vinyl chloride	ND		ug/kg	100	6.1	1
Chloroethane	ND		ug/kg	100	16.	1
1,1-Dichloroethene	ND		ug/kg	52	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	77	11.	1
Trichloroethene	ND		ug/kg	52	6.4	1
1,2-Dichlorobenzene	ND		ug/kg	260	7.9	1
1,3-Dichlorobenzene	ND		ug/kg	260	7.0	1
1,4-Dichlorobenzene	ND		ug/kg	260	7.1	1

Project Name: 3021 ORCHARD PARK RD **Lab Number:** L1427049

Project Number: 0304-014-003 **Report Date:** 11/21/14

SAMPLE RESULTS

Lab ID: L1427049-01 Date Collected: 11/10/14 12:43

Client ID: B-1 (0.3-2.0) Date Received: 11/11/14

Sample Location: ORCHARD PARK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	100	4.4	1
p/m-Xylene	330		ug/kg	100	10.	1
o-Xylene	100		ug/kg	100	8.9	1
cis-1,2-Dichloroethene	ND		ug/kg	52	7.4	1
Styrene	ND		ug/kg	100	21.	1
Dichlorodifluoromethane	ND		ug/kg	520	9.8	1
Acetone	420	J	ug/kg	520	54.	1
Carbon disulfide	ND		ug/kg	520	57.	1
2-Butanone	580		ug/kg	520	14.	1
4-Methyl-2-pentanone	ND		ug/kg	520	13.	1
2-Hexanone	ND		ug/kg	520	34.	1
Bromochloromethane	ND		ug/kg	260	14.	1
1,2-Dibromoethane	ND		ug/kg	210	9.0	1
n-Butylbenzene	36	J	ug/kg	52	5.9	1
sec-Butylbenzene	26	J	ug/kg	52	6.3	1
tert-Butylbenzene	ND		ug/kg	260	7.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	260	20.	1
Isopropylbenzene	26	J	ug/kg	52	5.4	1
p-Isopropyltoluene	15	J	ug/kg	52	6.4	1
Naphthalene	19	J	ug/kg	260	7.1	1
n-Propylbenzene	55		ug/kg	52	5.6	1
1,2,3-Trichlorobenzene	ND		ug/kg	260	7.6	1
1,2,4-Trichlorobenzene	ND		ug/kg	260	9.4	1
1,3,5-Trimethylbenzene	130	J	ug/kg	260	7.4	1
1,2,4-Trimethylbenzene	270		ug/kg	260	7.3	1
Methyl Acetate	ND		ug/kg	1000	14.	1
Cyclohexane	780	J	ug/kg	1000	7.5	1
1,4-Dioxane	ND		ug/kg	5200	740	1
Freon-113	ND		ug/kg	1000	14.	1
Methyl cyclohexane	1900		ug/kg	210	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	103		70-130

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003
Lab Number: L1427049
Report Date: 11/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/17/14 11:57
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG741448-3					
Methylene chloride	ND		ug/kg	500	55.
1,1-Dichloroethane	ND		ug/kg	75	4.3
Chloroform	ND		ug/kg	75	18.
Carbon tetrachloride	ND		ug/kg	50	10.
1,2-Dichloropropane	ND		ug/kg	180	11.
Dibromochloromethane	ND		ug/kg	50	7.7
1,1,2-Trichloroethane	ND		ug/kg	75	15.
Tetrachloroethene	ND		ug/kg	50	7.0
Chlorobenzene	ND		ug/kg	50	17.
Trichlorofluoromethane	ND		ug/kg	250	19.
1,2-Dichloroethane	ND		ug/kg	50	5.7
1,1,1-Trichloroethane	ND		ug/kg	50	5.5
Bromodichloromethane	ND		ug/kg	50	8.7
trans-1,3-Dichloropropene	ND		ug/kg	50	6.0
cis-1,3-Dichloropropene	ND		ug/kg	50	5.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	5.0
Benzene	ND		ug/kg	50	5.9
Toluene	ND		ug/kg	75	9.7
Ethylbenzene	ND		ug/kg	50	6.4
Chloromethane	19	J	ug/kg	250	15.
Bromomethane	ND		ug/kg	100	17.
Vinyl chloride	ND		ug/kg	100	5.9
Chloroethane	ND		ug/kg	100	16.
1,1-Dichloroethene	ND		ug/kg	50	13.
trans-1,2-Dichloroethene	ND		ug/kg	75	11.
Trichloroethene	ND		ug/kg	50	6.2
1,2-Dichlorobenzene	ND		ug/kg	250	7.7
1,3-Dichlorobenzene	ND		ug/kg	250	6.8

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003
Lab Number: L1427049
Report Date: 11/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/17/14 11:57
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG741448-3					
1,4-Dichlorobenzene	ND		ug/kg	250	6.9
Methyl tert butyl ether	ND		ug/kg	100	4.2
p/m-Xylene	ND		ug/kg	100	9.9
o-Xylene	ND		ug/kg	100	8.6
cis-1,2-Dichloroethene	ND		ug/kg	50	7.1
Styrene	ND		ug/kg	100	20.
Dichlorodifluoromethane	ND		ug/kg	500	9.5
Acetone	ND		ug/kg	500	52.
Carbon disulfide	ND		ug/kg	500	55.
2-Butanone	ND		ug/kg	500	14.
4-Methyl-2-pentanone	ND		ug/kg	500	12.
2-Hexanone	ND		ug/kg	500	33.
Bromochloromethane	ND		ug/kg	250	14.
1,2-Dibromoethane	ND		ug/kg	200	8.7
n-Butylbenzene	ND		ug/kg	50	5.7
sec-Butylbenzene	ND		ug/kg	50	6.1
tert-Butylbenzene	ND		ug/kg	250	6.8
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Isopropylbenzene	ND		ug/kg	50	5.2
p-Isopropyltoluene	ND		ug/kg	50	6.2
Naphthalene	ND		ug/kg	250	6.9
n-Propylbenzene	ND		ug/kg	50	5.5
1,2,3-Trichlorobenzene	ND		ug/kg	250	7.4
1,2,4-Trichlorobenzene	ND		ug/kg	250	9.1
1,3,5-Trimethylbenzene	ND		ug/kg	250	7.2
1,2,4-Trimethylbenzene	ND		ug/kg	250	7.1
Methyl Acetate	ND		ug/kg	1000	14.
Cyclohexane	ND		ug/kg	1000	7.3
1,4-Dioxane	ND		ug/kg	5000	720

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003
Lab Number: L1427049
Report Date: 11/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/17/14 11:57
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG741448-3					
Freon-113	ND		ug/kg	1000	14.
Methyl cyclohexane	ND		ug/kg	200	7.7

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 0304-014-003

Lab Number: L1427049

Report Date: 11/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG741448-1 WG741448-2								
Methylene chloride	116		109		70-130	6		30
1,1-Dichloroethane	112		112		70-130	0		30
Chloroform	111		111		70-130	0		30
Carbon tetrachloride	117		115		70-130	2		30
1,2-Dichloropropane	111		110		70-130	1		30
Dibromochloromethane	107		106		70-130	1		30
2-Chloroethylvinyl ether	101		91		70-130	10		30
1,1,2-Trichloroethane	109		106		70-130	3		30
Tetrachloroethene	118		115		70-130	3		30
Chlorobenzene	110		109		70-130	1		30
Trichlorofluoromethane	125		122		70-139	2		30
1,2-Dichloroethane	110		108		70-130	2		30
1,1,1-Trichloroethane	116		115		70-130	1		30
Bromodichloromethane	110		110		70-130	0		30
trans-1,3-Dichloropropene	110		109		70-130	1		30
cis-1,3-Dichloropropene	112		111		70-130	1		30
1,1-Dichloropropene	118		116		70-130	2		30
Bromoform	108		106		70-130	2		30
1,1,2,2-Tetrachloroethane	107		107		70-130	0		30
Benzene	112		112		70-130	0		30
Toluene	109		108		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 0304-014-003

Lab Number: L1427049

Report Date: 11/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG741448-1 WG741448-2								
Ethylbenzene	113		112		70-130	1		30
Chloromethane	120		107		52-130	11		30
Bromomethane	100		103		57-147	3		30
Vinyl chloride	118		114		67-130	3		30
Chloroethane	129		125		50-151	3		30
1,1-Dichloroethene	118		114		65-135	3		30
trans-1,2-Dichloroethene	113		113		70-130	0		30
Trichloroethene	115		114		70-130	1		30
1,2-Dichlorobenzene	111		110		70-130	1		30
1,3-Dichlorobenzene	114		114		70-130	0		30
1,4-Dichlorobenzene	111		110		70-130	1		30
Methyl tert butyl ether	111		109		66-130	2		30
p/m-Xylene	114		113		70-130	1		30
o-Xylene	113		112		70-130	1		30
cis-1,2-Dichloroethene	112		111		70-130	1		30
Dibromomethane	108		108		70-130	0		30
Styrene	113		112		70-130	1		30
Dichlorodifluoromethane	118		116		30-146	2		30
Acetone	126		118		54-140	7		30
Carbon disulfide	112		110		59-130	2		30
2-Butanone	108		107		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 0304-014-003

Lab Number: L1427049

Report Date: 11/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG741448-1 WG741448-2								
Vinyl acetate	117		117		70-130	0		30
4-Methyl-2-pentanone	112		109		70-130	3		30
1,2,3-Trichloropropane	108		107		68-130	1		30
2-Hexanone	109		102		70-130	7		30
Bromochloromethane	112		112		70-130	0		30
2,2-Dichloropropane	117		115		70-130	2		30
1,2-Dibromoethane	108		106		70-130	2		30
1,3-Dichloropropane	109		106		69-130	3		30
1,1,1,2-Tetrachloroethane	109		108		70-130	1		30
Bromobenzene	109		108		70-130	1		30
n-Butylbenzene	127		127		70-130	0		30
sec-Butylbenzene	118		117		70-130	1		30
tert-Butylbenzene	113		113		70-130	0		30
o-Chlorotoluene	110		110		70-130	0		30
p-Chlorotoluene	114		114		70-130	0		30
1,2-Dibromo-3-chloropropane	105		104		68-130	1		30
Hexachlorobutadiene	123		122		67-130	1		30
Isopropylbenzene	115		115		70-130	0		30
p-Isopropyltoluene	118		118		70-130	0		30
Naphthalene	104		102		70-130	2		30
Acrylonitrile	107		103		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 0304-014-003

Lab Number: L1427049

Report Date: 11/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG741448-1 WG741448-2								
Isopropyl Ether	111		110		66-130	1		30
tert-Butyl Alcohol	102		99		70-130	3		30
n-Propylbenzene	116		117		70-130	1		30
1,2,3-Trichlorobenzene	111		112		70-130	1		30
1,2,4-Trichlorobenzene	116		119		70-130	3		30
1,3,5-Trimethylbenzene	114		115		70-130	1		30
1,2,4-Trimethylbenzene	115		115		70-130	0		30
Methyl Acetate	105		102		51-146	3		30
Ethyl Acetate	113		107		70-130	5		30
Acrolein	112		110		70-130	2		30
Cyclohexane	122		119		59-142	2		30
1,4-Dioxane	105		101		65-136	4		30
Freon-113	121		120		50-139	1		30
1,4-Diethylbenzene	126		126		70-130	0		30
4-Ethyltoluene	119		118		70-130	1		30
1,2,4,5-Tetramethylbenzene	118		118		70-130	0		30
Tetrahydrofuran	112		98		66-130	13		30
Ethyl ether	111		111		67-130	0		30
trans-1,4-Dichloro-2-butene	110		108		70-130	2		30
Methyl cyclohexane	122		120		70-130	2		30
Ethyl-Tert-Butyl-Ether	110		110		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 0304-014-003

Lab Number: L1427049

Report Date: 11/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG741448-1 WG741448-2								
Tertiary-Amyl Methyl Ether	111		109		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		101		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	101		99		70-130
Dibromofluoromethane	102		102		70-130

INORGANICS
&
MISCELLANEOUS

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003
Lab Number: L1427049
Report Date: 11/21/14

SAMPLE RESULTS

Lab ID: L1427049-01
Client ID: B-1 (0.3-2.0)
Sample Location: ORCHARD PARK
Matrix: Soil
Date Collected: 11/10/14 12:43
Date Received: 11/11/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.9		%	0.100	NA	1	-	11/12/14 03:35	30,2540G	RT

Lab Duplicate Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427049
Report Date: 11/21/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG739661-1 QC Sample: L1427049-01 Client ID: B-1 (0.3-2.0)						
Solids, Total	93.9	93.5	%	0		20

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427049
Report Date: 11/21/14

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 11/12/2014 01:42

Cooler Information **Custody Seal**

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1427049-01A	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1427049-01B	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1427049-01C	5 gram Encore Sampler	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(2)
L1427049-01D	Amber 120ml unpreserved	A	N/A	4.1	Y	Absent	TS(7)
L1427049-01X	Vial MeOH preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1427049-01Y	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)
L1427049-01Z	Vial Water preserved split	A	N/A	4.1	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name:	3021 ORCHARD PARK RD	**Lab Number:**	L1427049
Project Number:	0304-014-003	**Report Date:**	11/21/14

GLOSSARY

Acronyms

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).

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.

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.

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.

NI - Not Ignitable.

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.

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

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.

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.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	3021 ORCHARD PARK RD	**Lab Number:**	L1427049
Project Number:	0304-014-003	**Report Date:**	11/21/14

Data Qualifiers

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.

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

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.

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.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	3021 ORCHARD PARK RD	**Lab Number:**	L1427049
Project Number:	0304-014-003	**Report Date:**	11/21/14

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

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

Last revised April 15, 2014

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

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
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.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: 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**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: 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: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 11/12/14

ALPHA Job #: L1492049

Client Information

Client: Benchmark Eng
Address: 2558 Hamburg Turnpk
Lackawanna NY 14218
Phone: (716) 828-8358
Fax:
Email: TBehrendt@Twakelle.com

Project Information

Project Name: 3021 Orchard Park Rd
Project Location: Orchard Park
Project # ~~0304-012-003~~
(Use Project name as Project #) ☒
Project Manager: Bryan Hamm
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date: 11/18/14
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

CAT B

0304-014-003

Please specify Metals or TAL.

ANALYSIS

TCL 8260-ST VOC
Total Soil

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL 8260-ST VOC	Total Soil	Sample Specific Comments
276099-01	B-1 (0.3 - 2.0)	11/10/14	1243	soil	TAB	3	1	

Container Type: E A
Preservative: A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	11/10/14 1125		
	11/11/14 17:55		11/11/14 17:55
	11/11/14 2000		11/11/14 2000
	11/11/14 2230		11/11/14 2230
	11/12/14 01:02		11/12/14 01:02

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 11/12/14

ALPHA Job #: L1492049

Client Information

Client: Benchmark Env
Address: 2558 Hamburg Turnpk
Lackawanna NY 14218
Phone: (716) 828-8358
Fax:
Email: TBehrendt@Twakelle.com

Project Information

Project Name: 3021 Orchard Park Rd
Project Location: Orchard Park
Project # 0304-012-003
(Use Project name as Project #) ☒
Project Manager: Bryan Hamm
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date: 11/18/14
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

CAT B

Please specify Metals or TAL.

ANALYSIS

TCL 8260-ST VOC + 10 TICs
Total Solids

Sample Filtration

☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL 8260-ST VOC + 10 TICs	Total Solids	Sample Specific Comments	Total Bottle
24092949-01	B-1 (0.3 - 2.0)	11/10/14	1243	soil	TAB	3	1		

Container Type: E A
Preservative: A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	11/10/14		11/11/14 11:20
	11/11/14 17:55		11/11/14 17:55
	11/11/14 20:00		11/11/14 20:00
	11/11/14 2230		11/11/14 2230
	11/12/14 01:02		11/12/14 01:02

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1427154
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Bryan Hann
Phone:	(716) 856-0599
Project Name:	3021 ORCHARD PARK RD
Project Number:	0304-014-003
Report Date:	11/21/14

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427154
Report Date: 11/21/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1427154-01	B-5 (0.4-4.0)	SOIL	ORCHARD PARK NY	11/11/14 13:45	11/11/14

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427154
Report Date: 11/21/14

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 all of the requirements of NELAC, for all NELAC accredited parameters. 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. 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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name:	3021 ORCHARD PARK RD	**Lab Number:**	L1427154
Project Number:	0304-014-003	**Report Date:**	11/21/14

Case Narrative (continued)

Report Submission

This report replaces the report issued on November 19, 2014. At the client's request, the project number has been updated.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L1427154-01: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample.

The WG741409-4/-5 MS/MSD recoveries, performed on L1427154-01, are outside the acceptance criteria for trichlorofluoromethane (28%/26%), 1,1,2,2-tetrachloroethane (67%/68%), chloroethane (30%/31%), vinyl acetate (17%/17%), and methyl acetate (MSD at 154%); however, the associated LCS/LCSD recoveries are within overall method allowances. No further action was required.

Semivolatile Organics

The WG740349-4/-5 MS/MSD recoveries, performed on L1427154-01, are outside the acceptance criteria for hexachlorocyclopentadiene (14%/9%) and 4,6-dinitro-o-cresol (8%/5%).

The WG740349-4/-5 MS/MSD recovery, performed on L1427154-01, is below the acceptance criteria for 2,4-dinitrophenol (0%/0%), due to the concentration of this compound falling below the reported detection limits.

PCBs

The WG739739-4/-5 MS/MSD recoveries, performed on L1427154-01, are outside the acceptance criteria for aroclor 1016 (35%/51%) and aroclor 1260 (28%/57%).

The WG739739-4/-5 MS/MSD RPDs, performed on L1427154-01, are outside the acceptance criteria for aroclor 1016 (51%) and aroclor 1260 (57%).

The surrogate recoveries for WG739739-4 MS are outside the individual acceptance criteria for 2,4,5,6-tetrachloro-m-xylene (25%/25%) and decachlorobiphenyl (28%).

Project Name: 3021 ORCHARD PARK RD **Lab Number:** L1427154
Project Number: 0304-014-003 **Report Date:** 11/21/14

Case Narrative (continued)

Pesticides

The WG739968-4/-5 MS/MSD recoveries, performed on L1427154-01, are outside the acceptance criteria for lindane (286%/154%); however, the associated LCS/LCSD recoveries are within overall method allowances. No further action was required.

The WG739968-4/-5 MS/MSD RPDs, performed on L1427154-01, are above the acceptance criteria for delta-bhc (54%) and lindane (62%).

Metals

L1427154-01 has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG740277-1 Method Blank, associated with L1427154-01, has a concentration above the reporting limit for iron. Since the associated sample concentrations are greater than 10x the blank concentration for this analyte, no qualification of the results was performed.

The WG740083-3/-4 MS/MSD recoveries, performed on L1427154-01, are outside the acceptance criteria for mercury (0%/126%). A post digestion spike was performed and yielded unacceptable recoveries for mercury (129%). This has been attributed to sample matrix.

The WG740083-3/-4 MS/MSD RPD, performed on L1427154-01, is above the acceptance criteria for mercury (53%).

The WG740277-3/-4 MS/MSD recoveries for aluminum (1170%/0%), calcium (1520%/5670%), iron (0%/0%), magnesium (468%/4400%), and manganese (468%/0%), performed on L1427154-01, do not apply because the sample concentrations are greater than four times the spike amount added.

The WG740277-3/-4 MS recoveries, performed on L1427154-01, are outside the acceptance criteria for antimony (MS at 66%), arsenic (MS at 52%), barium (MSD at 67%), beryllium (MSD at 58%), cadmium (MS at 71%), chromium (64%/64%), cobalt (60%/73%), copper (51%/65%), lead (55%/66%), nickel (54%/65%), potassium (MSD at 68%), sodium (70%/46%), thallium (50%/61%), vanadium (MS at 66%), zinc (37%/48%). A post digestion spike was performed and yielded unacceptable recoveries for cobalt (77%), lead (76%), nickel (76%), thallium (64%), and zinc (76%); all other compounds were within acceptance criteria. This has been attributed to sample matrix.

Project Name:	3021 ORCHARD PARK RD	**Lab Number:**	L1427154
Project Number:	0304-014-003	**Report Date:**	11/21/14

Case Narrative (continued)

The WG740277-3/-4 MS/MSD RPDs, performed on L1427154-01, are above the acceptance criteria for aluminum (55%), antimony (25%), arsenic (22%), calcium (35%), magnesium (92%), manganese (25%), and thallium (21%).

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: Cristin Walker

Title: Technical Director/Representative Date: 11/21/14

ORGANICS

VOLATILES

Project Name: 3021 ORCHARD PARK RD **Lab Number:** L1427154

Project Number: 0304-014-003 **Report Date:** 11/21/14

SAMPLE RESULTS

Lab ID: L1427154-01
Client ID: B-5 (0.4-4.0)
Sample Location: ORCHARD PARK NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 11/17/14 17:02
Analyst: BN
Percent Solids: 89%

Date Collected: 11/11/14 13:45
Date Received: 11/11/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	910	100	1
1,1-Dichloroethane	ND		ug/kg	140	7.8	1
Chloroform	ND		ug/kg	140	34.	1
Carbon tetrachloride	ND		ug/kg	91	19.	1
1,2-Dichloropropane	ND		ug/kg	320	21.	1
Dibromochloromethane	ND		ug/kg	91	14.	1
1,1,2-Trichloroethane	ND		ug/kg	140	28.	1
Tetrachloroethene	ND		ug/kg	91	13.	1
Chlorobenzene	ND		ug/kg	91	32.	1
Trichlorofluoromethane	ND		ug/kg	450	35.	1
1,2-Dichloroethane	ND		ug/kg	91	10.	1
1,1,1-Trichloroethane	ND		ug/kg	91	10.	1
Bromodichloromethane	ND		ug/kg	91	16.	1
trans-1,3-Dichloropropene	ND		ug/kg	91	11.	1
cis-1,3-Dichloropropene	ND		ug/kg	91	11.	1
Bromoform	ND		ug/kg	360	21.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	91	9.1	1
Benzene	ND		ug/kg	91	11.	1
Toluene	ND		ug/kg	140	18.	1
Ethylbenzene	ND		ug/kg	91	12.	1
Chloromethane	ND		ug/kg	450	27.	1
Bromomethane	ND		ug/kg	180	31.	1
Vinyl chloride	ND		ug/kg	180	11.	1
Chloroethane	ND		ug/kg	180	29.	1
1,1-Dichloroethene	ND		ug/kg	91	24.	1
trans-1,2-Dichloroethene	ND		ug/kg	140	19.	1
Trichloroethene	ND		ug/kg	91	11.	1
1,2-Dichlorobenzene	ND		ug/kg	450	14.	1
1,3-Dichlorobenzene	ND		ug/kg	450	12.	1
1,4-Dichlorobenzene	ND		ug/kg	450	12.	1

Project Name: 3021 ORCHARD PARK RD **Lab Number:** L1427154

Project Number: 0304-014-003 **Report Date:** 11/21/14

SAMPLE RESULTS

Lab ID: L1427154-01 Date Collected: 11/11/14 13:45

Client ID: B-5 (0.4-4.0) Date Received: 11/11/14

Sample Location: ORCHARD PARK NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	180	7.6	1
p/m-Xylene	ND		ug/kg	180	18.	1
o-Xylene	ND		ug/kg	180	16.	1
cis-1,2-Dichloroethene	ND		ug/kg	91	13.	1
Styrene	ND		ug/kg	180	36.	1
Dichlorodifluoromethane	ND		ug/kg	910	17.	1
Acetone	ND		ug/kg	910	94.	1
Carbon disulfide	ND		ug/kg	910	100	1
2-Butanone	ND		ug/kg	910	25.	1
4-Methyl-2-pentanone	ND		ug/kg	910	22.	1
2-Hexanone	ND		ug/kg	910	60.	1
Bromochloromethane	ND		ug/kg	450	25.	1
1,2-Dibromoethane	ND		ug/kg	360	16.	1
n-Butylbenzene	ND		ug/kg	91	10.	1
sec-Butylbenzene	ND		ug/kg	91	11.	1
tert-Butylbenzene	ND		ug/kg	450	12.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	450	36.	1
Isopropylbenzene	ND		ug/kg	91	9.4	1
p-Isopropyltoluene	ND		ug/kg	91	11.	1
Naphthalene	110	J	ug/kg	450	12.	1
n-Propylbenzene	ND		ug/kg	91	9.9	1
1,2,3-Trichlorobenzene	ND		ug/kg	450	13.	1
1,2,4-Trichlorobenzene	ND		ug/kg	450	16.	1
1,3,5-Trimethylbenzene	ND		ug/kg	450	13.	1
1,2,4-Trimethylbenzene	ND		ug/kg	450	13.	1
Methyl Acetate	ND		ug/kg	1800	24.	1
Cyclohexane	47	J	ug/kg	1800	13.	1
1,4-Dioxane	ND		ug/kg	9100	1300	1
Freon-113	ND		ug/kg	1800	25.	1
Methyl cyclohexane	210	J	ug/kg	360	14.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	100		70-130

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003
Lab Number: L1427154
Report Date: 11/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/17/14 08:41
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG741409-3					
Methylene chloride	ND		ug/kg	500	55.
1,1-Dichloroethane	ND		ug/kg	75	4.3
Chloroform	ND		ug/kg	75	18.
Carbon tetrachloride	ND		ug/kg	50	10.
1,2-Dichloropropane	ND		ug/kg	180	11.
Dibromochloromethane	ND		ug/kg	50	7.7
1,1,2-Trichloroethane	ND		ug/kg	75	15.
Tetrachloroethene	ND		ug/kg	50	7.0
Chlorobenzene	ND		ug/kg	50	17.
Trichlorofluoromethane	ND		ug/kg	250	19.
1,2-Dichloroethane	ND		ug/kg	50	5.7
1,1,1-Trichloroethane	ND		ug/kg	50	5.5
Bromodichloromethane	ND		ug/kg	50	8.7
trans-1,3-Dichloropropene	ND		ug/kg	50	6.0
cis-1,3-Dichloropropene	ND		ug/kg	50	5.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	5.0
Benzene	ND		ug/kg	50	5.9
Toluene	ND		ug/kg	75	9.7
Ethylbenzene	ND		ug/kg	50	6.4
Chloromethane	ND		ug/kg	250	15.
Bromomethane	ND		ug/kg	100	17.
Vinyl chloride	ND		ug/kg	100	5.9
Chloroethane	ND		ug/kg	100	16.
1,1-Dichloroethene	ND		ug/kg	50	13.
trans-1,2-Dichloroethene	ND		ug/kg	75	11.
Trichloroethene	ND		ug/kg	50	6.2
1,2-Dichlorobenzene	ND		ug/kg	250	7.7
1,3-Dichlorobenzene	ND		ug/kg	250	6.8

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003
Lab Number: L1427154
Report Date: 11/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/17/14 08:41
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG741409-3					
1,4-Dichlorobenzene	ND		ug/kg	250	6.9
Methyl tert butyl ether	ND		ug/kg	100	4.2
p/m-Xylene	ND		ug/kg	100	9.9
o-Xylene	ND		ug/kg	100	8.6
cis-1,2-Dichloroethene	ND		ug/kg	50	7.1
Styrene	ND		ug/kg	100	20.
Dichlorodifluoromethane	ND		ug/kg	500	9.5
Acetone	ND		ug/kg	500	52.
Carbon disulfide	ND		ug/kg	500	55.
2-Butanone	ND		ug/kg	500	14.
4-Methyl-2-pentanone	ND		ug/kg	500	12.
2-Hexanone	ND		ug/kg	500	33.
Bromochloromethane	ND		ug/kg	250	14.
1,2-Dibromoethane	ND		ug/kg	200	8.7
n-Butylbenzene	ND		ug/kg	50	5.7
sec-Butylbenzene	ND		ug/kg	50	6.1
tert-Butylbenzene	ND		ug/kg	250	6.8
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Isopropylbenzene	ND		ug/kg	50	5.2
p-Isopropyltoluene	ND		ug/kg	50	6.2
Naphthalene	ND		ug/kg	250	6.9
n-Propylbenzene	ND		ug/kg	50	5.5
1,2,3-Trichlorobenzene	ND		ug/kg	250	7.4
1,2,4-Trichlorobenzene	ND		ug/kg	250	9.1
1,3,5-Trimethylbenzene	ND		ug/kg	250	7.2
1,2,4-Trimethylbenzene	ND		ug/kg	250	7.1
Methyl Acetate	ND		ug/kg	1000	14.
Cyclohexane	ND		ug/kg	1000	7.3
1,4-Dioxane	ND		ug/kg	5000	720

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003
Lab Number: L1427154
Report Date: 11/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 11/17/14 08:41
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG741409-3					
Freon-113	ND		ug/kg	1000	14.
Methyl cyclohexane	ND		ug/kg	200	7.7

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 0304-014-003

Lab Number: L1427154

Report Date: 11/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG741409-1 WG741409-2								
Methylene chloride	109		107		70-130	2		30
1,1-Dichloroethane	110		109		70-130	1		30
Chloroform	109		107		70-130	2		30
Carbon tetrachloride	119		117		70-130	2		30
1,2-Dichloropropane	107		108		70-130	1		30
Dibromochloromethane	104		105		70-130	1		30
2-Chloroethylvinyl ether	89		93		70-130	4		30
1,1,2-Trichloroethane	102		104		70-130	2		30
Tetrachloroethene	116		115		70-130	1		30
Chlorobenzene	105		105		70-130	0		30
Trichlorofluoromethane	107		104		70-139	3		30
1,2-Dichloroethane	107		106		70-130	1		30
1,1,1-Trichloroethane	115		113		70-130	2		30
Bromodichloromethane	108		108		70-130	0		30
trans-1,3-Dichloropropene	105		105		70-130	0		30
cis-1,3-Dichloropropene	110		110		70-130	0		30
1,1-Dichloropropene	117		114		70-130	3		30
Bromoform	98		99		70-130	1		30
1,1,2,2-Tetrachloroethane	93		95		70-130	2		30
Benzene	110		107		70-130	3		30
Toluene	107		105		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 0304-014-003

Lab Number: L1427154

Report Date: 11/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG741409-1 WG741409-2								
Ethylbenzene	106		106		70-130	0		30
Chloromethane	115		113		52-130	2		30
Bromomethane	116		114		57-147	2		30
Vinyl chloride	116		116		67-130	0		30
Chloroethane	113		113		50-151	0		30
1,1-Dichloroethene	118		115		65-135	3		30
trans-1,2-Dichloroethene	114		110		70-130	4		30
Trichloroethene	112		110		70-130	2		30
1,2-Dichlorobenzene	101		100		70-130	1		30
1,3-Dichlorobenzene	104		102		70-130	2		30
1,4-Dichlorobenzene	103		101		70-130	2		30
Methyl tert butyl ether	100		104		66-130	4		30
p/m-Xylene	108		106		70-130	2		30
o-Xylene	106		105		70-130	1		30
cis-1,2-Dichloroethene	111		110		70-130	1		30
Dibromomethane	110		112		70-130	2		30
Styrene	91		91		70-130	0		30
Dichlorodifluoromethane	119		112		30-146	6		30
Acetone	97		98		54-140	1		30
Carbon disulfide	108		106		59-130	2		30
2-Butanone	91		99		70-130	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 0304-014-003

Lab Number: L1427154

Report Date: 11/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG741409-1 WG741409-2								
Vinyl acetate	94		99		70-130	5		30
4-Methyl-2-pentanone	87		90		70-130	3		30
1,2,3-Trichloropropane	96		93		68-130	3		30
2-Hexanone	83		89		70-130	7		30
Bromochloromethane	113		114		70-130	1		30
2,2-Dichloropropane	118		115		70-130	3		30
1,2-Dibromoethane	104		107		70-130	3		30
1,3-Dichloropropane	101		104		69-130	3		30
1,1,1,2-Tetrachloroethane	107		106		70-130	1		30
Bromobenzene	102		102		70-130	0		30
n-Butylbenzene	108		104		70-130	4		30
sec-Butylbenzene	108		104		70-130	4		30
tert-Butylbenzene	107		104		70-130	3		30
o-Chlorotoluene	108		106		70-130	2		30
p-Chlorotoluene	104		103		70-130	1		30
1,2-Dibromo-3-chloropropane	94		96		68-130	2		30
Hexachlorobutadiene	118		115		67-130	3		30
Isopropylbenzene	104		101		70-130	3		30
p-Isopropyltoluene	107		104		70-130	3		30
Naphthalene	92		93		70-130	1		30
Acrylonitrile	97		100		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 0304-014-003

Lab Number: L1427154

Report Date: 11/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG741409-1 WG741409-2								
Isopropyl Ether	102		103		66-130	1		30
tert-Butyl Alcohol	88		97		70-130	10		30
n-Propylbenzene	104		100		70-130	4		30
1,2,3-Trichlorobenzene	104		104		70-130	0		30
1,2,4-Trichlorobenzene	106		106		70-130	0		30
1,3,5-Trimethylbenzene	105		102		70-130	3		30
1,2,4-Trimethylbenzene	105		103		70-130	2		30
Methyl Acetate	100		102		51-146	2		30
Ethyl Acetate	99		102		70-130	3		30
Acrolein	102		103		70-130	1		30
Cyclohexane	109		104		59-142	5		30
1,4-Dioxane	93		96		65-136	3		30
Freon-113	121		117		50-139	3		30
1,4-Diethylbenzene	106		103		70-130	3		30
4-Ethyltoluene	106		102		70-130	4		30
1,2,4,5-Tetramethylbenzene	92		90		70-130	2		30
Tetrahydrofuran	97		100		66-130	3		30
Ethyl ether	115		120		67-130	4		30
trans-1,4-Dichloro-2-butene	93		93		70-130	0		30
Methyl cyclohexane	112		106		70-130	6		30
Ethyl-Tert-Butyl-Ether	101		102		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 0304-014-003

Lab Number: L1427154

Report Date: 11/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG741409-1 WG741409-2								
Tertiary-Amyl Methyl Ether	100		102		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		96		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	98		99		70-130
Dibromofluoromethane	99		99		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427154
Report Date: 11/21/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 (0.4-4.0)	QC Batch ID: WG741409-4	WG741409-5	QC Sample: L1427154-01	Client ID: B-5								
Methylene chloride	ND	1810	1700	96		1900	103		70-130	7		30
1,1-Dichloroethane	ND	1810	1800	99		1800	99		70-130	0		30
Chloroform	ND	1810	1800	99		1800	100		70-130	1		30
Carbon tetrachloride	ND	1810	1800	98		1800	100		70-130	2		30
1,2-Dichloropropane	ND	1810	1800	102		1800	102		70-130	0		30
Dibromochloromethane	ND	1810	1800	97		1900	102		70-130	5		30
2-Chloroethylvinyl ether	ND	1810	1800J	97		1800	100		70-130	3		30
1,1,2-Trichloroethane	ND	1810	2000	109		2000	112		70-130	3		30
Tetrachloroethene	ND	1810	1900	105		1900	104		70-130	1		30
Chlorobenzene	ND	1810	1700	95		1800	98		70-130	3		30
Trichlorofluoromethane	ND	1810	500	**28**	Q	470	**26**	Q	70-139	7		30
1,2-Dichloroethane	ND	1810	1800	100		1900	104		70-130	3		30
1,1,1-Trichloroethane	ND	1810	1800	102		1800	100		70-130	1		30
Bromodichloromethane	ND	1810	1900	102		1900	104		70-130	2		30
trans-1,3-Dichloropropene	ND	1810	1700	93		1800	98		70-130	5		30
cis-1,3-Dichloropropene	ND	1810	1800	101		1900	102		70-130	1		30
1,1-Dichloropropene	ND	1810	1900	102		1800	101		70-130	1		30
Bromoform	ND	1810	1700	94		1700	96		70-130	2		30
1,1,2,2-Tetrachloroethane	ND	1810	1200	**67**	Q	1200	**68**	Q	70-130	2		30
Benzene	ND	1810	1800	99		1800	100		70-130	1		30
Toluene	ND	1810	1700	93		1700	95		70-130	2		30

Matrix Spike Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427154
Report Date: 11/21/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 (0.4-4.0)	QC Batch ID: WG741409-4	WG741409-5	QC Sample: L1427154-01	Client ID: B-5								
Ethylbenzene	ND	1810	1700	93		1700	94		70-130	1		30
Chloromethane	ND	1810	1800	99		1800	102		52-130	3		30
Bromomethane	ND	1810	1400	76		1400	78		57-147	3		30
Vinyl chloride	ND	1810	1600	91		1600	91		67-130	0		30
Chloroethane	ND	1810	540	**30**	Q	560	**31**	Q	50-151	4		30
1,1-Dichloroethene	ND	1810	1900	105		1800	101		65-135	4		30
trans-1,2-Dichloroethene	ND	1810	1800	101		1800	102		70-130	1		30
Trichloroethene	ND	1810	2300	128		2300	128		70-130	0		30
1,2-Dichlorobenzene	ND	1810	1700	93		1700	95		70-130	2		30
1,3-Dichlorobenzene	ND	1810	1700	92		1700	94		70-130	3		30
1,4-Dichlorobenzene	ND	1810	1600	90		1700	92		70-130	3		30
Methyl tert butyl ether	ND	1810	1900	106		2000	109		66-130	3		30
p/m-Xylene	ND	3630	3300	92		3500	95		70-130	3		30
o-Xylene	ND	3630	3500	96		3600	98		70-130	2		30
cis-1,2-Dichloroethene	ND	1810	1900	104		1900	104		70-130	1		30
Dibromomethane	ND	1810	1900	107		2000	110		70-130	3		30
Styrene	ND	3630	2900	81		3000	84		70-130	3		30
Dichlorodifluoromethane	ND	1810	1800	99		1800	99		30-146	0		30
Acetone	ND	1810	2000	108		2000	111		54-140	3		30
Carbon disulfide	ND	1810	1700	95		1700	93		59-130	2		30
2-Butanone	ND	1810	2000	108		2000	112		70-130	4		30

Matrix Spike Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427154
Report Date: 11/21/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 (0.4-4.0) QC Batch ID: WG741409-4 WG741409-5 QC Sample: L1427154-01 Client ID: B-5												
Vinyl acetate	ND	1810	320J	**17**	Q	310J	**17**	Q	70-130	1		30
4-Methyl-2-pentanone	ND	1810	1600	90		1700	94		70-130	4		30
1,2,3-Trichloropropane	ND	1810	1600	86		1600	90		68-130	4		30
2-Hexanone	ND	1810	1500	84		1600	88		70-130	5		30
Bromochloromethane	ND	1810	2000	109		2100	113		70-130	4		30
2,2-Dichloropropane	ND	1810	1800	97		1700	96		70-130	1		30
1,2-Dibromoethane	ND	1810	1800	100		1900	104		70-130	4		30
1,3-Dichloropropane	ND	1810	1700	95		1800	100		69-130	6		30
1,1,1,2-Tetrachloroethane	ND	1810	1700	96		1800	98		70-130	2		30
Bromobenzene	ND	1810	1700	96		1800	97		70-130	1		30
n-Butylbenzene	ND	1810	1600	87		1600	87		70-130	0		30
sec-Butylbenzene	ND	1810	1700	92		1600	91		70-130	1		30
tert-Butylbenzene	ND	1810	1700	92		1700	92		70-130	0		30
o-Chlorotoluene	ND	1810	1700	94		1700	94		70-130	1		30
p-Chlorotoluene	ND	1810	1600	90		1700	92		70-130	2		30
1,2-Dibromo-3-chloropropane	ND	1810	1800	97		1800	102		68-130	4		30
Hexachlorobutadiene	ND	1810	1900	106		1900	105		67-130	1		30
Isopropylbenzene	ND	1810	1700	91		1600	90		70-130	2		30
p-Isopropyltoluene	ND	1810	1700	92		1700	92		70-130	1		30
Naphthalene	110J	1810	1900	106		2000	112		70-130	6		30
Acrylonitrile	ND	1810	1800	100		1900	105		70-130	5		30

Matrix Spike Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427154
Report Date: 11/21/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 (0.4-4.0) QC Batch ID: WG741409-4 WG741409-5 QC Sample: L1427154-01 Client ID: B-5												
Isopropyl Ether	ND	1810	1900	103		1900	102		66-130	1		30
tert-Butyl Alcohol	ND	9070	8600	95		9200	101			6		30
n-Propylbenzene	ND	1810	1600	87		1600	87		70-130	1		30
1,2,3-Trichlorobenzene	ND	1810	1900	104		2000	108		70-130	4		30
1,2,4-Trichlorobenzene	ND	1810	1800	102		1900	105		70-130	3		30
1,3,5-Trimethylbenzene	ND	1810	1600	91		1700	91		70-130	1		30
1,2,4-Trimethylbenzene	ND	1810	1700	93		1700	93		70-130	1		30
Methyl Acetate	ND	1810	2500	139		2800	**154**	Q	51-146	10		30
Ethyl Acetate	ND	1810	1800J	99		1900	103			4		30
Acrolein	ND	1810	1200J	64		1200J	66			4		30
Cyclohexane	47.J	1810	1800J	98		1800J	97		59-142	1		30
1,4-Dioxane	ND	90700	99000	109		100000	115		65-136	5		30
Freon-113	ND	1810	1900	104		1800	101		50-139	3		30
1,4-Diethylbenzene	ND	1810	1700	92		1700	93		70-130	1		30
4-Ethyltoluene	ND	1810	1600	89		1600	90		70-130	1		30
1,2,4,5-Tetramethylbenzene	ND	1810	1600	90		1600	91		70-130	1		30
Tetrahydrofuran	ND	1810	1800	99		1900	103		66-130	4		30
Ethyl ether	ND	1810	1700	94		1700	92		67-130	2		30
trans-1,4-Dichloro-2-butene	ND	1810	1400	75		1400	80		70-130	6		30
Methyl cyclohexane	210J	1810	2000	111		1900	107		70-130	4		30
Ethyl-Tert-Butyl-Ether	ND	1810	1800	99		1900	103		70-130	4		30

Matrix Spike Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427154
Report Date: 11/21/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 (0.4-4.0) QC Batch ID: WG741409-4 WG741409-5 QC Sample: L1427154-01 Client ID: B-5												
Tertiary-Amyl Methyl Ether	ND	1810	1800	102		1900	107		70-130	5		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		94		70-130
4-Bromofluorobenzene	102		101		70-130
Dibromofluoromethane	101		96		70-130
Toluene-d8	98		97		70-130

SEMIVOLATILES

Project Name: 3021 ORCHARD PARK RD
Lab Number: L1427154
Project Number: 0304-014-003
Report Date: 11/21/14

SAMPLE RESULTS

Lab ID: L1427154-01
Client ID: B-5 (0.4-4.0)
Sample Location: ORCHARD PARK NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 11/19/14 13:01
Analyst: PS
Percent Solids: 89%

Date Collected: 11/11/14 13:45
Date Received: 11/11/14
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 11/13/14 18:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	52	J	ug/kg	150	38.	1
Hexachlorobenzene	ND		ug/kg	110	34.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	52.	1
2-Chloronaphthalene	ND		ug/kg	180	60.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	40.	1
2,6-Dinitrotoluene	ND		ug/kg	180	47.	1
Fluoranthene	410		ug/kg	110	34.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	56.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	42.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	65.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	56.	1
Hexachlorobutadiene	ND		ug/kg	180	52.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	120	1
Hexachloroethane	ND		ug/kg	150	34.	1
Isophorone	ND		ug/kg	170	49.	1
Naphthalene	ND		ug/kg	180	61.	1
Nitrobenzene	ND		ug/kg	170	44.	1
NDPA/DPA	ND		ug/kg	150	39.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	55.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	48.	1
Butyl benzyl phthalate	ND		ug/kg	180	36.	1
Di-n-butylphthalate	ND		ug/kg	180	36.	1
Di-n-octylphthalate	ND		ug/kg	180	45.	1
Diethyl phthalate	ND		ug/kg	180	39.	1
Dimethyl phthalate	ND		ug/kg	180	47.	1
Benzo(a)anthracene	170		ug/kg	110	36.	1
Benzo(a)pyrene	140	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	180		ug/kg	110	37.	1
Benzo(k)fluoranthene	81	J	ug/kg	110	35.	1

Project Name: 3021 ORCHARD PARK RD **Lab Number:** L1427154

Project Number: 0304-014-003 **Report Date:** 11/21/14

SAMPLE RESULTS

Lab ID: L1427154-01 Date Collected: 11/11/14 13:45

Client ID: B-5 (0.4-4.0) Date Received: 11/11/14

Sample Location: ORCHARD PARK NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	160		ug/kg	110	36.	1
Acenaphthylene	43	J	ug/kg	150	34.	1
Anthracene	120		ug/kg	110	31.	1
Benzo(ghi)perylene	74	J	ug/kg	150	38.	1
Fluorene	84	J	ug/kg	180	53.	1
Phenanthrene	420		ug/kg	110	36.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	36.	1
Indeno(1,2,3-cd)pyrene	78	J	ug/kg	150	41.	1
Pyrene	310		ug/kg	110	36.	1
Biphenyl	ND		ug/kg	420	61.	1
4-Chloroaniline	ND		ug/kg	180	49.	1
2-Nitroaniline	ND		ug/kg	180	52.	1
3-Nitroaniline	ND		ug/kg	180	51.	1
4-Nitroaniline	ND		ug/kg	180	50.	1
Dibenzofuran	ND		ug/kg	180	62.	1
2-Methylnaphthalene	ND		ug/kg	220	59.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	57.	1
Acetophenone	ND		ug/kg	180	57.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	54.	1
2-Chlorophenol	ND		ug/kg	180	56.	1
2,4-Dichlorophenol	ND		ug/kg	170	60.	1
2,4-Dimethylphenol	ND		ug/kg	180	55.	1
2-Nitrophenol	ND		ug/kg	400	58.	1
4-Nitrophenol	ND		ug/kg	260	60.	1
2,4-Dinitrophenol	ND		ug/kg	890	250	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	68.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	55.	1
2-Methylphenol	ND		ug/kg	180	60.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	61.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	60.	1
Carbazole	43	J	ug/kg	180	40.	1
Benzaldehyde	ND		ug/kg	240	75.	1
Caprolactam	ND		ug/kg	180	51.	1
Atrazine	ND		ug/kg	150	42.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	31.	1

Project Name: 3021 ORCHARD PARK RD **Lab Number:** L1427154

Project Number: 0304-014-003 **Report Date:** 11/21/14

SAMPLE RESULTS

Lab ID: L1427154-01 Date Collected: 11/11/14 13:45

Client ID: B-5 (0.4-4.0) Date Received: 11/11/14

Sample Location: ORCHARD PARK NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	58		0-136
4-Terphenyl-d14	69		18-120

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003
Lab Number: L1427154
Report Date: 11/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/14/14 18:58
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 11/13/14 18:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG740349-1					
Acenaphthene	ND		ug/kg	130	34.
Hexachlorobenzene	ND		ug/kg	98	31.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	54.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	98	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	50.
4-Bromophenyl phenyl ether	ND		ug/kg	160	38.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	58.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	50.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	470	100
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	44.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	150	39.
NDPA/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	49.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	43.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	32.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	35.
Dimethyl phthalate	ND		ug/kg	160	42.
Benzo(a)anthracene	ND		ug/kg	98	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	33.

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003
Lab Number: L1427154
Report Date: 11/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/14/14 18:58
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 11/13/14 18:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG740349-1					
Benzo(k)fluoranthene	ND		ug/kg	98	31.
Chrysene	ND		ug/kg	98	32.
Acenaphthylene	ND		ug/kg	130	31.
Anthracene	ND		ug/kg	98	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	47.
Phenanthrene	ND		ug/kg	98	32.
Dibenzo(a,h)anthracene	ND		ug/kg	98	32.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	98	32.
Biphenyl	ND		ug/kg	370	54.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	55.
2-Methylnaphthalene	ND		ug/kg	200	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	51.
Acetophenone	ND		ug/kg	160	51.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	48.
2-Chlorophenol	ND		ug/kg	160	50.
2,4-Dichlorophenol	ND		ug/kg	150	53.
2,4-Dimethylphenol	ND		ug/kg	160	49.
2-Nitrophenol	ND		ug/kg	350	51.
4-Nitrophenol	ND		ug/kg	230	53.
2,4-Dinitrophenol	ND		ug/kg	790	220
4,6-Dinitro-o-cresol	ND		ug/kg	430	60.
Pentachlorophenol	ND		ug/kg	130	35.

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003
Lab Number: L1427154
Report Date: 11/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 11/14/14 18:58
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 11/13/14 18:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG740349-1					
Phenol	ND		ug/kg	160	49.
2-Methylphenol	ND		ug/kg	160	53.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	54.
2,4,5-Trichlorophenol	ND		ug/kg	160	53.
Carbazole	ND		ug/kg	160	35.
Benzaldehyde	ND		ug/kg	220	66.
Caprolactam	ND		ug/kg	160	45.
Atrazine	ND		ug/kg	130	37.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	28.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	88		0-136
4-Terphenyl-d14	92		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 0304-014-003

Lab Number: L1427154

Report Date: 11/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG740349-2 WG740349-3								
Acenaphthene	76		76		31-137	0		50
1,2,4-Trichlorobenzene	78		78		38-107	0		50
Hexachlorobenzene	70		70		40-140	0		50
Bis(2-chloroethyl)ether	74		70		40-140	6		50
2-Chloronaphthalene	76		79		40-140	4		50
1,2-Dichlorobenzene	64		74		40-140	14		50
1,3-Dichlorobenzene	73		73		40-140	0		50
1,4-Dichlorobenzene	70		73		28-104	4		50
3,3'-Dichlorobenzidine	59		57		40-140	3		50
2,4-Dinitrotoluene	74		71		28-89	4		50
2,6-Dinitrotoluene	73		76		40-140	4		50
Fluoranthene	76		77		40-140	1		50
4-Chlorophenyl phenyl ether	75		74		40-140	1		50
4-Bromophenyl phenyl ether	72		71		40-140	1		50
Bis(2-chloroisopropyl)ether	65		74		40-140	13		50
Bis(2-chloroethoxy)methane	62		70		40-117	12		50
Hexachlorobutadiene	74		76		40-140	3		50
Hexachlorocyclopentadiene	72		74		40-140	3		50
Hexachloroethane	59		69		40-140	16		50
Isophorone	63		72		40-140	13		50
Naphthalene	72		74		40-140	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427154
Report Date: 11/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG740349-2 WG740349-3								
Nitrobenzene	74		77		40-140	4		50
NDPA/DPA	78		78			0		50
n-Nitrosodi-n-propylamine	66		76		32-121	14		50
Bis(2-ethylhexyl)phthalate	74		77		40-140	4		50
Butyl benzyl phthalate	71		74		40-140	4		50
Di-n-butylphthalate	76		79		40-140	4		50
Di-n-octylphthalate	86		74		40-140	15		50
Diethyl phthalate	76		74		40-140	3		50
Dimethyl phthalate	76		78		40-140	3		50
Benzo(a)anthracene	76		77		40-140	1		50
Benzo(a)pyrene	80		78		40-140	3		50
Benzo(b)fluoranthene	72		77		40-140	7		50
Benzo(k)fluoranthene	74		76		40-140	3		50
Chrysene	73		76		40-140	4		50
Acenaphthylene	75		78		40-140	4		50
Anthracene	78		78		40-140	0		50
Benzo(ghi)perylene	75		84		40-140	11		50
Fluorene	76		74		40-140	3		50
Phenanthrene	78		78		40-140	0		50
Dibenzo(a,h)anthracene	79		91		40-140	14		50
Indeno(1,2,3-cd)pyrene	81		92		40-140	13		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427154
Report Date: 11/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG740349-2 WG740349-3								
Pyrene	73		76		35-142	4		50
Biphenyl	84		84			0		50
4-Chloroaniline	83		83		40-140	0		50
2-Nitroaniline	76		79		47-134	4		50
3-Nitroaniline	57		55		26-129	4		50
4-Nitroaniline	69		67		41-125	3		50
Dibenzofuran	80		77		40-140	4		50
2-Methylnaphthalene	79		81		40-140	3		50
1,2,4,5-Tetrachlorobenzene	80		81		40-117	1		50
Acetophenone	68		78		14-144	14		50
2,4,6-Trichlorophenol	83		83		30-130	0		50
p-Chloro-m-cresol	82		85		26-103	4		50
2-Chlorophenol	83		82		25-102	1		50
2,4-Dichlorophenol	84		85		30-130	1		50
2,4-Dimethylphenol	70		80		30-130	13		50
2-Nitrophenol	67		78		30-130	15		50
4-Nitrophenol	89		87		11-114	2		50
2,4-Dinitrophenol	39		63		4-130	47		50
4,6-Dinitro-o-cresol	67		77		10-130	14		50
Pentachlorophenol	68		68		17-109	0		50
Phenol	85		81		26-90	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 0304-014-003

Lab Number: L1427154

Report Date: 11/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG740349-2 WG740349-3								
2-Methylphenol	72		82		30-130.	13		50
3-Methylphenol/4-Methylphenol	71		80		30-130	12		50
2,4,5-Trichlorophenol	79		85		30-130	7		50
Benzoic Acid	2	Q	6	Q		**100**	Q	50
Benzyl Alcohol	70		79		40-140	12		50
Carbazole	82		84		54-128	2		50
Benzaldehyde	92		101			9		50
Caprolactam	76		83			9		50
Atrazine	83		84			1		50
2,3,4,6-Tetrachlorophenol	75		75			0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		91		25-120
Phenol-d6	84		81		10-120
Nitrobenzene-d5	67		78		23-120
2-Fluorobiphenyl	80		84		30-120
2,4,6-Tribromophenol	83		83		0-136
4-Terphenyl-d14	78		81		18-120

Matrix Spike Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427154
Report Date: 11/21/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 (0.4-4.0)	QC Batch ID: WG740349-4	WG740349-5	QC Sample: L1427154-01	Client ID: B-5								
Acenaphthene	52.J	1480	1000	68		1300	89		31-137	26		50
1,2,4-Trichlorobenzene	ND	1480	1000	68		1200	82		38-107	18		50
Hexachlorobenzene	ND	1480	990	67		1100	75		40-140	11		50
Bis(2-chloroethyl)ether	ND	1480	850	58		1000	68		40-140	16		50
2-Chloronaphthalene	ND	1480	1100	75		1200	82		40-140	9		50
1,2-Dichlorobenzene	ND	1480	980	66		1200	82		40-140	20		50
1,3-Dichlorobenzene	ND	1480	940	64		1100	75		40-140	16		50
1,4-Dichlorobenzene	ND	1480	960	65		1200	82		28-104	22		50
3,3'-Dichlorobenzidine	ND	1480	630	43		660	45		40-140	5		50
2,4-Dinitrotoluene	ND	1480	920	62		1000	68		28-89	8		50
2,6-Dinitrotoluene	ND	1480	1000	68		1100	75		40-140	10		50
Fluoranthene	410	1480	1300	60		1700	88		40-140	27		50
4-Chlorophenyl phenyl ether	ND	1480	930	63		1100	75		40-140	17		50
4-Bromophenyl phenyl ether	ND	1480	980	66		1200	82		40-140	20		50
Bis(2-chloroisopropyl)ether	ND	1480	940	64		1100	75		40-140	16		50
Bis(2-chloroethoxy)methane	ND	1480	930	63		1100	75		40-117	17		50
Hexachlorobutadiene	ND	1480	1000	68		1200	82		40-140	18		50
Hexachlorocyclopentadiene	ND	1480	210J	**14**	Q	130J	**9**	Q	40-140	47		50
Hexachloroethane	ND	1480	980	66		1100	75		40-140	12		50
Isophorone	ND	1480	1000	68		1200	82		40-140	18		50
Naphthalene	ND	1480	1000	68		1200	82		40-140	18		50

Matrix Spike Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427154
Report Date: 11/21/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 (0.4-4.0)	QC Batch ID: WG740349-4	WG740349-5	QC Sample: L1427154-01	Client ID: B-5								
Nitrobenzene	ND	1480	1200	81		1300	89		40-140	8		50
NDPA/DPA	ND	1480	1000	68		1200	82			18		50
n-Nitrosodi-n-propylamine	ND	1480	1100	75		1200	82		32-121	9		50
Bis(2-ethylhexyl)phthalate	ND	1480	1100	75		1300	89		40-140	17		50
Butyl benzyl phthalate	ND	1480	1000	68		1200	82		40-140	18		50
Di-n-butylphthalate	ND	1480	970	66		1200	82		40-140	21		50
Di-n-octylphthalate	ND	1480	1000	68		1200	82		40-140	18		50
Diethyl phthalate	ND	1480	970	66		1200	82		40-140	21		50
Dimethyl phthalate	ND	1480	910	62		1100	75		40-140	19		50
Benzo(a)anthracene	170	1480	1100	63		1400	84		40-140	24		50
Benzo(a)pyrene	140J	1480	1100	75		1400	96		40-140	24		50
Benzo(b)fluoranthene	180	1480	1100	62		1400	83		40-140	24		50
Benzo(k)fluoranthene	81.J	1480	1000	68		1300	89		40-140	26		50
Chrysene	160	1480	1100	64		1400	85		40-140	24		50
Acenaphthylene	43.J	1480	1100	75		1200	82		40-140	9		50
Anthracene	120	1480	1000	60		1300	81		40-140	26		50
Benzo(ghi)perylene	74.J	1480	940	64		1100	75		40-140	16		50
Fluorene	84.J	1480	1100	75		1300	89		40-140	17		50
Phenanthrene	420	1480	1400	66		1700	88		40-140	19		50
Dibenzo(a,h)anthracene	ND	1480	890	60		1000	68		40-140	12		50
Indeno(1,2,3-cd)pyrene	78.J	1480	970	66		1100	75		40-140	13		50

Matrix Spike Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427154
Report Date: 11/21/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 (0.4-4.0)	QC Batch ID: WG740349-4	WG740349-5	QC Sample: L1427154-01	Client ID: B-5								
Pyrene	310	1480	1200	60		1500	81		35-142	22		50
Biphenyl	ND	1480	1000	68		1300	89			26		50
4-Chloroaniline	ND	1480	1300	88		1200	82		40-140	8		50
2-Nitroaniline	ND	1480	1100	75		1200	82		47-134	9		50
3-Nitroaniline	ND	1480	1000	68		1200	82		26-129	18		50
4-Nitroaniline	ND	1480	840	57		950	65		41-125	12		50
Dibenzofuran	ND	1480	1100	75		1400	96		40-140	24		50
2-Methylnaphthalene	ND	1480	1100	75		1200	82		40-140	9		50
1,2,4,5-Tetrachlorobenzene	ND	1480	1000	68		1300	89		40-117	26		50
Acetophenone	ND	1480	1100	75		1300	89		14-144	17		50
2,4,6-Trichlorophenol	ND	1480	1000	68		1100	75		30-130	10		50
p-Chloro-m-cresol	ND	1480	1300	88		1400	96		26-103	7		50
2-Chlorophenol	ND	1480	1000	68		1300	89		25-102	26		50
2,4-Dichlorophenol	ND	1480	1200	81		1300	89		30-130	8		50
2,4-Dimethylphenol	ND	1480	1200	81		1400	96		30-130	15		50
2-Nitrophenol	ND	1480	930	63		1100	75		30-130	17		50
4-Nitrophenol	ND	1480	880	60		980	67		11-114	11		50
2,4-Dinitrophenol	ND	1480	ND	**0**	Q	ND	**0**	Q	4-130	NC		50
4,6-Dinitro-o-cresol	ND	1480	110J	**8**	Q	74.J	**5**	Q	10-130	39		50
Pentachlorophenol	ND	1480	510	35		640	44		17-109	23		50
Phenol	ND	1480	1100	75		1300	89		26-90	17		50

Matrix Spike Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427154
Report Date: 11/21/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 (0.4-4.0)						QC Batch ID: WG740349-4	WG740349-5		QC Sample: L1427154-01			Client ID: B-5
2-Methylphenol	ND	1480	1100	75		1300	89		30-130.	17		50
3-Methylphenol/4-Methylphenol	ND	1480	1100	75		1300	89		30-130	17		50
2,4,5-Trichlorophenol	ND	1480	1200	81		1300	89		30-130	8		50
Benzoic Acid	ND	1480	ND	0	Q	ND	0	Q		NC		50
Benzyl Alcohol	ND	1480	1200	81		1400	96		40-140	15		50
Carbazole	43.J	1480	1000	68		1200	82		54-128	18		50
Benzaldehyde	ND	1480	1200	81		1400	96			15		50
Caprolactam	ND	1480	1300	88		1300	89			0		50
Atrazine	ND	1480	940	64		1100	75			16		50
2,3,4,6-Tetrachlorophenol	ND	1480	690	47		900	62			26		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	59		71		0-136
2-Fluorobiphenyl	72		82		30-120
2-Fluorophenol	66		78		25-120
4-Terphenyl-d14	65		74		18-120
Nitrobenzene-d5	82		96		23-120
Phenol-d6	75		88		10-120

PCBS

Project Name: 3021 ORCHARD PARK RD **Lab Number:** L1427154

Project Number: 0304-014-003 **Report Date:** 11/21/14

SAMPLE RESULTS

Lab ID:	L1427154-01	Date Collected:	11/11/14 13:45
Client ID:	B-5 (0.4-4.0)	Date Received:	11/11/14
Sample Location:	ORCHARD PARK NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	11/12/14 09:13
Analytical Date:	11/14/14 19:49	Cleanup Method:	EPA 3665A
Analyst:	KB	Cleanup Date:	11/13/14
Percent Solids:	89%	Cleanup Method:	EPA 3660B
		Cleanup Date:	11/13/14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.2	2.86	1	A
Aroclor 1221	ND		ug/kg	36.2	3.34	1	A
Aroclor 1232	ND		ug/kg	36.2	4.25	1	A
Aroclor 1242	ND		ug/kg	36.2	4.44	1	A
Aroclor 1248	ND		ug/kg	36.2	3.06	1	A
Aroclor 1254	ND		ug/kg	36.2	2.98	1	A
Aroclor 1260	ND		ug/kg	36.2	2.76	1	A
Aroclor 1262	ND		ug/kg	36.2	1.80	1	A
Aroclor 1268	ND		ug/kg	36.2	5.26	1	A
PCBs, Total	ND		ug/kg	36.2	1.80	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	32		30-150	A
Decachlorobiphenyl	35		30-150	A
2,4,5,6-Tetrachloro-m-xylene	30		30-150	B
Decachlorobiphenyl	42		30-150	B

Project Name: 3021 ORCHARD PARK RD

Project Number: 0304-014-003

Lab Number: L1427154

Report Date: 11/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 11/14/14 20:31
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 11/12/14 09:13
Cleanup Method: EPA 3665A
Cleanup Date: 11/13/14
Cleanup Method: EPA 3660B
Cleanup Date: 11/13/14

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG739739-1						
Aroclor 1016	ND		ug/kg	33.2	2.62	A
Aroclor 1221	ND		ug/kg	33.2	3.06	A
Aroclor 1232	ND		ug/kg	33.2	3.88	A
Aroclor 1242	ND		ug/kg	33.2	4.06	A
Aroclor 1248	ND		ug/kg	33.2	2.80	A
Aroclor 1254	ND		ug/kg	33.2	2.72	A
Aroclor 1260	ND		ug/kg	33.2	2.53	A
Aroclor 1262	ND		ug/kg	33.2	1.64	A
Aroclor 1268	ND		ug/kg	33.2	4.81	A
PCBs, Total	ND		ug/kg	33.2	1.64	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	78		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 0304-014-003

Lab Number: L1427154

Report Date: 11/21/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 (0.4-4.0)	QC Batch ID: WG739739-4	WG739739-5	QC Sample: L1427154-01	Client ID: B-5									
Aroclor 1016	ND	227	79.3	**35**	Q	134	61		40-140	**51**	Q	50	A
Aroclor 1260	ND	227	64.2	**28**	Q	116	52		40-140	**57**	Q	50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**25**	Q	47		30-150	A
Decachlorobiphenyl	**28**	Q	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	**25**	Q	46		30-150	B
Decachlorobiphenyl	34		62		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 0304-014-003

Lab Number: L1427154

Report Date: 11/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG739739-2 WG739739-3									
Aroclor 1016	94		90		40-140	4		50	A
Aroclor 1260	80		77		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		77		30-150	A
Decachlorobiphenyl	74		70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		76		30-150	B
Decachlorobiphenyl	94		87		30-150	B

PESTICIDES

Project Name: 3021 ORCHARD PARK RD
Lab Number: L1427154
Project Number: 0304-014-003
Report Date: 11/21/14

SAMPLE RESULTS

Lab ID:	L1427154-01	Date Collected:	11/11/14 13:45
Client ID:	B-5 (0.4-4.0)	Date Received:	11/11/14
Sample Location:	ORCHARD PARK NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8081B	Extraction Date:	11/12/14 17:46
Analytical Date:	11/14/14 20:56	Cleanup Method:	EPA 3620B
Analyst:	SS	Cleanup Date:	11/14/14
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.336	1	A
Lindane	ND		ug/kg	0.716	0.320	1	A
Alpha-BHC	ND		ug/kg	0.716	0.203	1	A
Beta-BHC	ND		ug/kg	1.72	0.651	1	A
Heptachlor	ND		ug/kg	0.859	0.385	1	A
Aldrin	ND		ug/kg	1.72	0.605	1	A
Heptachlor epoxide	ND		ug/kg	3.22	0.966	1	A
Endrin	ND		ug/kg	0.716	0.293	1	A
Endrin ketone	ND		ug/kg	1.72	0.442	1	A
Dieldrin	ND		ug/kg	1.07	0.537	1	A
4,4'-DDE	1.97		ug/kg	1.72	0.397	1	A
4,4'-DDD	2.18		ug/kg	1.72	0.613	1	A
4,4'-DDT	ND		ug/kg	3.22	1.38	1	A
Endosulfan I	ND		ug/kg	1.72	0.406	1	A
Endosulfan II	ND		ug/kg	1.72	0.574	1	A
Endosulfan sulfate	ND		ug/kg	0.716	0.341	1	A
Methoxychlor	ND		ug/kg	3.22	1.00	1	A
Toxaphene	ND		ug/kg	32.2	9.02	1	A
cis-Chlordane	ND		ug/kg	2.15	0.598	1	A
trans-Chlordane	ND		ug/kg	2.15	0.567	1	A
Chlordane	ND		ug/kg	14.0	5.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	73		30-150	B
2,4,5,6-Tetrachloro-m-xylene	**390**	Q	30-150	A
Decachlorobiphenyl	76		30-150	A

Project Name: 3021 ORCHARD PARK RD
Lab Number: L1427154
Project Number: 0304-014-003
Report Date: 11/21/14

SAMPLE RESULTS

Lab ID:	L1427154-01	Date Collected:	11/11/14 13:45
Client ID:	B-5 (0.4-4.0)	Date Received:	11/11/14
Sample Location:	ORCHARD PARK NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 8151A
Analytical Method:	1,8151A	Extraction Date:	11/13/14 02:30
Analytical Date:	11/13/14 21:21		
Analyst:	SS		
Percent Solids:	89%		
Methylation Date:	11/13/14 16:00		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/kg	183	22.3	1	A
2,4,5-T	ND		ug/kg	183	11.4	1	A
2,4,5-TP (Silvex)	ND		ug/kg	183	10.1	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	59		30-150	A
DCAA	63		30-150	B

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003
Lab Number: L1427154
Report Date: 11/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 11/14/14 19:52
Analyst: SS

Extraction Method: EPA 3546
Extraction Date: 11/12/14 17:46
Cleanup Method: EPA 3620B
Cleanup Date: 11/14/14

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG739968-1						
Delta-BHC	ND		ug/kg	1.59	0.311	A
Lindane	ND		ug/kg	0.661	0.295	A
Alpha-BHC	ND		ug/kg	0.661	0.188	A
Beta-BHC	ND		ug/kg	1.59	0.601	A
Heptachlor	ND		ug/kg	0.793	0.356	A
Aldrin	ND		ug/kg	1.59	0.558	A
Heptachlor epoxide	ND		ug/kg	2.97	0.892	A
Endrin	ND		ug/kg	0.661	0.271	A
Endrin ketone	ND		ug/kg	1.59	0.408	A
Dieldrin	ND		ug/kg	0.991	0.496	A
4,4'-DDE	ND		ug/kg	1.59	0.367	A
4,4'-DDD	ND		ug/kg	1.59	0.566	A
4,4'-DDT	ND		ug/kg	2.97	1.28	A
Endosulfan I	ND		ug/kg	1.59	0.375	A
Endosulfan II	ND		ug/kg	1.59	0.530	A
Endosulfan sulfate	ND		ug/kg	0.661	0.315	A
Methoxychlor	ND		ug/kg	2.97	0.925	A
Toxaphene	ND		ug/kg	29.7	8.33	A
cis-Chlordane	ND		ug/kg	1.98	0.552	A
trans-Chlordane	ND		ug/kg	1.98	0.523	A
Chlordane	ND		ug/kg	12.9	5.25	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	99		30-150	B
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	93		30-150	A

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003
Lab Number: L1427154
Report Date: 11/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 11/13/14 18:09
Analyst: SS

Extraction Method: EPA 8151A
Extraction Date: 11/13/14 02:30

Methylation Date: 11/13/14 16:00

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01 Batch: WG740078-1						
2,4-D	ND		ug/kg	163	19.9	A
2,4,5-T	ND		ug/kg	163	10.2	A
2,4,5-TP (Silvex)	ND		ug/kg	163	9.02	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	75		30-150	A
DCAA	68		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 0304-014-003

Lab Number: L1427154

Report Date: 11/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG739968-2 WG739968-3									
Delta-BHC	71		63		30-150	12		30	A
Lindane	96		83		30-150	15		30	A
Alpha-BHC	86		74		30-150	15		30	A
Beta-BHC	99		82		30-150	19		30	A
Heptachlor	97		83		30-150	16		30	A
Aldrin	94		81		30-150	15		30	A
Heptachlor epoxide	92		80		30-150	14		30	A
Endrin	101		87		30-150	15		30	A
Endrin ketone	80		70		30-150	13		30	A
Dieldrin	98		84		30-150	15		30	A
4,4'-DDE	92		78		30-150	16		30	A
4,4'-DDD	95		81		30-150	16		30	A
4,4'-DDT	95		81		30-150	16		30	A
Endosulfan I	90		77		30-150	16		30	A
Endosulfan II	84		72		30-150	15		30	A
Endosulfan sulfate	84		74		30-150	13		30	A
Methoxychlor	86		73		30-150	16		30	A
cis-Chlordane	88		76		30-150	15		30	A
trans-Chlordane	93		80		30-150	15		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 0304-014-003

Lab Number: L1427154

Report Date: 11/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG739968-2 WG739968-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		81		30-150	B
Decachlorobiphenyl	102		93		30-150	B
2,4,5,6-Tetrachloro-m-xylene	93		79		30-150	A
Decachlorobiphenyl	99		86		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 0304-014-003

Lab Number: L1427154

Report Date: 11/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01 Batch: WG740078-2 WG740078-3									
2,4-D	75		85		30-150	13		30	A
2,4,5-T	83		86		30-150	4		30	A
2,4,5-TP (Silvex)	90		94		30-150	4		30	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	73		76		30-150	A
DCAA	93		83		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427154
Report Date: 11/21/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 (0.4-4.0)	QC Batch ID: WG739968-4					WG739968-5			QC Sample: L1427154-01			Client ID: B-5	
Delta-BHC	ND	36.3	15.4	42		26.9	75		30-150	**54**	Q	50	A
Lindane	ND	36.3	104	**286**	Q	54.9	**154**	Q	30-150	**62**	Q	50	A
Alpha-BHC	ND	36.3	34.8	96		41.4	116		30-150	17		50	A
Beta-BHC	ND	36.3	49.3	136		50.9	142		30-150	3		50	A
Heptachlor	ND	36.3	27.0	74		37.7	105		30-150	33		50	A
Aldrin	ND	36.3	27.3	75		33.3	93		30-150	20		50	A
Heptachlor epoxide	ND	36.3	24.9	69		32.8	92		30-150	27		50	A
Endrin	ND	36.3	25.5	70		32.3	90		30-150	24		50	A
Endrin ketone	ND	36.3	24.2	67		25.2	71		30-150	4		50	A
Dieldrin	ND	36.3	25.4	70		32.2	90		30-150	24		50	A
4,4'-DDE	1.97	36.3	24.7	63		30.6	80		30-150	21		50	A
4,4'-DDD	2.18	36.3	26.6	67		33.0	86		30-150	21		50	A
4,4'-DDT	ND	36.3	30.4	84		29.7	83		30-150	2		50	A
Endosulfan I	ND	36.3	25.2	69		30.7	86		30-150	20		50	A
Endosulfan II	ND	36.3	20.6	57		26.1	73		30-150	24		50	A
Endosulfan sulfate	ND	36.3	26.7	74		24.2	68		30-150	10		50	A
Methoxychlor	ND	36.3	22.1	61		24.6	69		30-150	11		50	A
cis-Chlordane	ND	36.3	24.3	67		29.1	81		30-150	18		50	A
trans-Chlordane	ND	36.3	29.2	80		31.0	87		30-150	6		50	A

Matrix Spike Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427154
Report Date: 11/21/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 (0.4-4.0)	QC Batch ID: WG739968-4	WG739968-5	QC Sample: L1427154-01	Client ID: B-5								

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		93		30-150	B
Decachlorobiphenyl	50		79		30-150	B
2,4,5,6-Tetrachloro-m-xylene	**1844**	Q	**304**	Q	30-150	A
Decachlorobiphenyl	61		79		30-150	A

Matrix Spike Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427154
Report Date: 11/21/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01 (0.4-4.0)	QC Batch ID: WG740078-4	WG740078-5	QC Sample: L1427154-01	Client ID: B-5									
2,4-D	ND	362	258	71		232	63		30-150	11		30	A
2,4,5-T	ND	362	259	72		236	64		30-150	9		30	A
2,4,5-TP (Silvex)	ND	362	296	82		265	72		30-150	11		30	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
DCAA	66		60		30-150	A
DCAA	70		63		30-150	B

METALS

Project Name: 3021 ORCHARD PARK RD
Lab Number: L1427154
Project Number: 0304-014-003
Report Date: 11/21/14

SAMPLE RESULTS

Lab ID: L1427154-01
Client ID: B-5 (0.4-4.0)
Sample Location: ORCHARD PARK NY
Matrix: Soil
Percent Solids: 89%

Date Collected: 11/11/14 13:45
Date Received: 11/11/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	12000		mg/kg	8.7	1.7	2	11/13/14 15:38	11/13/14 20:12	EPA 3050B	1,6010C	BC
Antimony, Total	ND		mg/kg	4.4	0.70	2	11/13/14 15:38	11/13/14 20:12	EPA 3050B	1,6010C	BC
Arsenic, Total	6.7		mg/kg	0.87	0.17	2	11/13/14 15:38	11/13/14 20:12	EPA 3050B	1,6010C	BC
Barium, Total	74		mg/kg	0.87	0.26	2	11/13/14 15:38	11/13/14 20:12	EPA 3050B	1,6010C	BC
Beryllium, Total	2.2		mg/kg	0.44	0.09	2	11/13/14 15:38	11/13/14 20:12	EPA 3050B	1,6010C	BC
Cadmium, Total	ND		mg/kg	0.87	0.06	2	11/13/14 15:38	11/13/14 20:12	EPA 3050B	1,6010C	BC
Calcium, Total	71000		mg/kg	8.7	2.6	2	11/13/14 15:38	11/13/14 20:12	EPA 3050B	1,6010C	BC
Chromium, Total	11		mg/kg	0.87	0.17	2	11/13/14 15:38	11/13/14 20:12	EPA 3050B	1,6010C	BC
Cobalt, Total	3.3		mg/kg	1.7	0.44	2	11/13/14 15:38	11/13/14 20:12	EPA 3050B	1,6010C	BC
Copper, Total	16		mg/kg	0.87	0.17	2	11/13/14 15:38	11/13/14 20:12	EPA 3050B	1,6010C	BC
Iron, Total	11000		mg/kg	4.4	1.7	2	11/13/14 15:38	11/13/14 20:12	EPA 3050B	1,6010C	BC
Lead, Total	14		mg/kg	4.4	0.17	2	11/13/14 15:38	11/13/14 20:12	EPA 3050B	1,6010C	BC
Magnesium, Total	16000		mg/kg	8.7	0.87	2	11/13/14 15:38	11/13/14 20:12	EPA 3050B	1,6010C	BC
Manganese, Total	780		mg/kg	0.87	0.17	2	11/13/14 15:38	11/13/14 20:12	EPA 3050B	1,6010C	BC
Mercury, Total	0.30		mg/kg	0.07	0.02	1	11/13/14 09:12	11/13/14 15:44	EPA 7471B	1,7471B	MC
Nickel, Total	11		mg/kg	2.2	0.35	2	11/13/14 15:38	11/13/14 20:12	EPA 3050B	1,6010C	BC
Potassium, Total	710		mg/kg	220	35.	2	11/13/14 15:38	11/13/14 20:12	EPA 3050B	1,6010C	BC
Selenium, Total	0.56	J	mg/kg	1.7	0.26	2	11/13/14 15:38	11/13/14 20:12	EPA 3050B	1,6010C	BC
Silver, Total	ND		mg/kg	0.87	0.17	2	11/13/14 15:38	11/13/14 20:12	EPA 3050B	1,6010C	BC
Sodium, Total	1100		mg/kg	170	26.	2	11/13/14 15:38	11/13/14 20:12	EPA 3050B	1,6010C	BC
Thallium, Total	ND		mg/kg	1.7	0.35	2	11/13/14 15:38	11/13/14 20:12	EPA 3050B	1,6010C	BC
Vanadium, Total	9.9		mg/kg	0.87	0.09	2	11/13/14 15:38	11/13/14 20:12	EPA 3050B	1,6010C	BC
Zinc, Total	38		mg/kg	4.4	0.61	2	11/13/14 15:38	11/13/14 20:12	EPA 3050B	1,6010C	BC

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003
Lab Number: L1427154
Report Date: 11/21/14

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG740083-1										
Mercury, Total	0.04	J	mg/kg	0.08	0.02	1	11/13/14 09:12	11/13/14 15:00	1,7471B	MC

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG740277-1										
Aluminum, Total	1.7	J	mg/kg	4.0	0.80	1	11/13/14 15:38	11/13/14 20:24	1,6010C	BC
Antimony, Total	ND		mg/kg	2.0	0.32	1	11/13/14 15:38	11/13/14 20:24	1,6010C	BC
Arsenic, Total	ND		mg/kg	0.40	0.08	1	11/13/14 15:38	11/13/14 20:24	1,6010C	BC
Barium, Total	ND		mg/kg	0.40	0.12	1	11/13/14 15:38	11/13/14 20:24	1,6010C	BC
Beryllium, Total	ND		mg/kg	0.20	0.04	1	11/13/14 15:38	11/13/14 20:24	1,6010C	BC
Cadmium, Total	ND		mg/kg	0.40	0.03	1	11/13/14 15:38	11/13/14 20:24	1,6010C	BC
Calcium, Total	1.7	J	mg/kg	4.0	1.2	1	11/13/14 15:38	11/13/14 20:24	1,6010C	BC
Chromium, Total	ND		mg/kg	0.40	0.08	1	11/13/14 15:38	11/13/14 20:24	1,6010C	BC
Cobalt, Total	ND		mg/kg	0.80	0.20	1	11/13/14 15:38	11/13/14 20:24	1,6010C	BC
Copper, Total	ND		mg/kg	0.40	0.08	1	11/13/14 15:38	11/13/14 20:24	1,6010C	BC
Iron, Total	11		mg/kg	2.0	0.80	1	11/13/14 15:38	11/13/14 20:24	1,6010C	BC
Lead, Total	ND		mg/kg	2.0	0.08	1	11/13/14 15:38	11/13/14 20:24	1,6010C	BC
Magnesium, Total	ND		mg/kg	4.0	0.40	1	11/13/14 15:38	11/13/14 20:24	1,6010C	BC
Manganese, Total	ND		mg/kg	0.40	0.08	1	11/13/14 15:38	11/13/14 20:24	1,6010C	BC
Nickel, Total	ND		mg/kg	1.0	0.16	1	11/13/14 15:38	11/13/14 20:24	1,6010C	BC
Potassium, Total	ND		mg/kg	100	16.	1	11/13/14 15:38	11/13/14 20:24	1,6010C	BC
Selenium, Total	ND		mg/kg	0.80	0.12	1	11/13/14 15:38	11/13/14 20:24	1,6010C	BC
Silver, Total	ND		mg/kg	0.40	0.08	1	11/13/14 15:38	11/13/14 20:24	1,6010C	BC
Sodium, Total	ND		mg/kg	80	12.	1	11/13/14 15:38	11/13/14 20:24	1,6010C	BC
Thallium, Total	ND		mg/kg	0.80	0.16	1	11/13/14 15:38	11/13/14 20:24	1,6010C	BC
Vanadium, Total	ND		mg/kg	0.40	0.04	1	11/13/14 15:38	11/13/14 20:24	1,6010C	BC
Zinc, Total	ND		mg/kg	2.0	0.28	1	11/13/14 15:38	11/13/14 20:24	1,6010C	BC

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003
Lab Number: L1427154
Report Date: 11/21/14

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 0304-014-003

Lab Number: L1427154

Report Date: 11/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG740083-2 SRM Lot Number: D083-540								
Mercury, Total	95		-		75-126	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 0304-014-003

Lab Number: L1427154

Report Date: 11/21/14

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG740277-2 SRM Lot Number: D083-540					
Aluminum, Total	76	-	51-148	-	
Antimony, Total	164	-	1-210	-	
Arsenic, Total	115	-	78-122	-	
Barium, Total	90	-	82-117	-	
Beryllium, Total	92	-	82-118	-	
Cadmium, Total	88	-	82-118	-	
Calcium, Total	86	-	82-118	-	
Chromium, Total	92	-	79-121	-	
Cobalt, Total	88	-	83-117	-	
Copper, Total	97	-	80-120	-	
Iron, Total	93	-	47-153	-	
Lead, Total	84	-	81-119	-	
Magnesium, Total	83	-	75-124	-	
Manganese, Total	87	-	81-119	-	
Nickel, Total	89	-	82-118	-	
Potassium, Total	92	-	70-130	-	
Selenium, Total	83	-	78-123	-	
Silver, Total	99	-	74-125	-	
Sodium, Total	98	-	70-130	-	
Thallium, Total	80	-	78-122	-	
Vanadium, Total	95	-	65-135	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 ORCHARD PARK RD

Project Number: 0304-014-003

Lab Number: L1427154

Report Date: 11/21/14

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG740277-2 SRM Lot Number: D083-540					
Zinc, Total	87	-	80-121	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427154
Report Date: 11/21/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG740083-3 WG740083-4 QC Sample: L1427154-01 Client ID: B-5 (0.4-4.0)												
Mercury, Total	0.30	0.141	0.28	**0**	Q	0.48	**126**	Q	80-120	**53**	Q	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427154
Report Date: 11/21/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG740277-3 WG740277-4 QC Sample: L1427154-01 Client ID: B-5 (0.4-4.0)												
Aluminum, Total	12000	171	14000	**1170**	Q	8000	**0**	Q	75-125	**55**	Q	20
Antimony, Total	ND	42.7	28	**66**	Q	36	83		75-125	**25**	Q	20
Arsenic, Total	6.7	10.2	12	**52**	Q	15	80		75-125	**22**	Q	20
Barium, Total	74.	171	210	80		190	**67**	Q	75-125	10		20
Beryllium, Total	2.2	4.27	5.7	82		4.7	**58**	Q	75-125	19		20
Cadmium, Total	ND	4.36	3.1	**71**	Q	3.6	82		75-125	15		20
Calcium, Total	71000	854	84000	**1520**	Q	120000	**5670**	Q	75-125	**35**	Q	20
Chromium, Total	11.	17.1	22	**64**	Q	22	**64**	Q	75-125	0		20
Cobalt, Total	3.3	42.7	29	**60**	Q	35	**73**	Q	75-125	19		20
Copper, Total	16.	21.4	27	**51**	Q	30	**65**	Q	75-125	11		20
Iron, Total	11000	85.4	8600	**0**	Q	7500	**0**	Q	75-125	14		20
Lead, Total	14.	43.6	38	**55**	Q	43	**66**	Q	75-125	12		20
Magnesium, Total	16000	854	20000	**468**	Q	54000	**4400**	Q	75-125	**92**	Q	20
Manganese, Total	780	42.7	980	**468**	Q	760	**0**	Q	75-125	**25**	Q	20
Nickel, Total	11.	42.7	34	**54**	Q	39	**65**	Q	75-125	14		20
Potassium, Total	710	854	1400	81		1300	**68**	Q	75-125	7		20
Selenium, Total	0.56J	10.2	8.3	81		9.8	94		75-125	17		20
Silver, Total	ND	25.6	22	86		26	100		75-125	17		20
Sodium, Total	1100	854	1700	**70**	Q	1500	**46**	Q	75-125	13		20
Thallium, Total	ND	10.2	5.1	**50**	Q	6.3	**61**	Q	75-125	**21**	Q	20
Vanadium, Total	9.9	42.7	38	**66**	Q	44	79		75-125	15		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427154
Report Date: 11/21/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG740277-3 WG740277-4 QC Sample: L1427154-01 Client ID: B-5 (0.4-4.0)											
Zinc, Total	38.	42.7	54	**37**	Q	59	**48**	Q	75-125	9	20

INORGANICS
&
MISCELLANEOUS

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003
Lab Number: L1427154
Report Date: 11/21/14

SAMPLE RESULTS

Lab ID: L1427154-01
Client ID: B-5 (0.4-4.0)
Sample Location: ORCHARD PARK NY
Matrix: Soil
Date Collected: 11/11/14 13:45
Date Received: 11/11/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	11/12/14 03:35	30,2540G	RT

Lab Duplicate Analysis
Batch Quality Control

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427154
Report Date: 11/21/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG739661-1 QC Sample: L1427049-01 Client ID: DUP Sample						
Solids, Total	93.9	93.5	%	0		20

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427154
Report Date: 11/21/14

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 11/12/2014 01:56

Cooler Information **Custody Seal**

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1427154-01A	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1427154-01A1	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1427154-01A2	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1427154-01B	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1427154-01B1	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1427154-01B2	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1427154-01C	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1427154-01C1	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1427154-01C2	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1427154-01D	Amber 100ml unpreserved	A	N/A	2.6	Y	Absent	TS(7)
L1427154-01D1	Amber 100ml unpreserved	A	N/A	2.6	Y	Absent	TS(7)
L1427154-01D2	Amber 100ml unpreserved	A	N/A	2.6	Y	Absent	TS(7)
L1427154-01E	Amber 120ml unpreserved	A	N/A	2.6	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427154
Report Date: 11/21/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1427154-01E1	Amber 120ml unpreserved	A	N/A	2.6	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1427154-01E2	Amber 120ml unpreserved	A	N/A	2.6	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1427154-01F	Amber 250ml unpreserved	A	N/A	2.6	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1427154-01F1	Amber 250ml unpreserved	A	N/A	2.6	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)

*Values in parentheses indicate holding time in days

Project Name: 3021 ORCHARD PARK RD
Project Number: 0304-014-003

Lab Number: L1427154
Report Date: 11/21/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1427154-01F2	Amber 250ml unpreserved	A	N/A	2.6	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),HERB-APA(14),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),NYTCL-8081(14),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1427154-01X	Vial MeOH preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1427154-01Y	Vial Water preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1427154-01Z	Vial Water preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1427154-01Z1	Vial Water preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name:	3021 ORCHARD PARK RD	**Lab Number:**	L1427154
Project Number:	0304-014-003	**Report Date:**	11/21/14

GLOSSARY

Acronyms

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).

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.

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.

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.

NI - Not Ignitable.

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.

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

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.

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.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	3021 ORCHARD PARK RD	**Lab Number:**	L1427154
Project Number:	0304-014-003	**Report Date:**	11/21/14

Data Qualifiers

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.

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

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.

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.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	3021 ORCHARD PARK RD	**Lab Number:**	L1427154
Project Number:	0304-014-003	**Report Date:**	11/21/14

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

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

Last revised April 15, 2014

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

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
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.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: 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**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: 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: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

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

COC edits by Gina Hall 11/21/14

Serial_No:11211417:18

CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 11/12/14

ALPHA Job #: L1427154

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Benchmark Eng
Address: 2558 Hamburg Turnpike
Lackawanna NY
Phone: (716) 818-8358
Fax:
Email: PBehrendt@Tuesday1lc.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 3021 Orchardpark Rd
Project Location: Orchard Park
Project #: ~~0304-012-003~~
Project Manager: Bryenn Hann
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 11/18/14 Time:

Report Information - Data Deliverables

☐ FAX ☐ EMAIL
☐ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program | Criteria

0304-014-003

Other Project Specific Requirements/Comments/Detection Limits:

CAT B

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL+TCP-SI VOCs 8260	Total Solids	TCL SVOCs	TAL Metals	PCBs	Pest / Herb	Sample Specific Comments
27154-01	B-5 (0.4-4.0) MS/MSD	11/11/14	1345	Soil	TAB	X	X	X	X	X	X	
Container Type						E	A	A	A	A	A	
Preservative						A	A	A	A	A	A	

SAMPLE HANDLING
Filtration
☐ Done ☐ Not needed ☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

TOTAL # BOTTLES

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.

Relinquished By:	Date/Time	Received By:	Date/Time
	11/11/14 1530	J. Hoover AAL	11/11/14 1530
J. Hoover AAL	11/11/14 18:40		11/11/14 18:40
	11/11/14 2000		11/11/14 2000
	11/12/14 2230		11/12/14 2230

Jim Corley 11-12-14 01:02
11/12/14 01:02

FORM NO: 01-01 (rev. 14-OCT-07)

Serial_No:11211417:18

CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 11/12/14

ALPHA Job #: L1427154

ALPHA ANALYTICAL

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193

MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Benchmark Env

Address: 2558 Hamburg Turnpike Lackawanna NY

Phone: (716) 818-8358

Fax:

Email: PBehrendt@Tunnelllc.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 3021 Orchard Park Rd

Project Location: Orchard Park

Project #: 0304-012-003

Project Manager: Bryenn Hann

ALPHA Quote #:

Turn-Around Time

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

Date Due: 11/18/14 Time:

Report Information - Data Deliverables

☐ FAX ☐ EMAIL

☐ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

CAT B

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL+TCP-SI VOCs 8260	Total Solids	TCL SVOCs	TAL Metals	PCBs	Pest / Herb	Sample Specific Comments
27154-01	B-5 (0.4-4.0) MS/MSD	11/11/14	1345	Soil	TAB	X	X	X	X	X	X	

SAMPLE HANDLING

Filtration

☐ Done ☐ Not needed ☐ Lab to do

Preservation

☐ Lab to do

(Please specify below)

TOTAL # BOTTLES

Container Type	E	A	A	A	A	A
Preservative	A	A	A	A	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
	11/11/14 1530	AAL	11/11/14 1530
	11/11/14 18:40		11/11/14 18:40
	11/11/14 2000		11/11/14 2000
	11/12/14 2230		11/17/14 2230
Jim Colby	11-12-14 01:02		
	11/12/14 01:02		

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: 01-01 (rev. 14-OCT-07)

ANALYTICAL REPORT

Lab Number:	L1500088
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Bryan Hann
Phone:	(716) 856-0599
Project Name:	3021 OP ROAD
Project Number:	0304-014-003
Report Date:	01/12/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 3021 OP ROAD
Project Number: 0304-014-003

Lab Number: L1500088
Report Date: 01/12/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1500088-01	B-23 2-4'	SOIL	ORCHARD PARK	01/05/15 10:27	01/05/15

Project Name: 3021 OP ROAD
Project Number: 0304-014-003

Lab Number: L1500088
Report Date: 01/12/15

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 all of the requirements of NELAC, for all NELAC accredited parameters. 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. 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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Project Name: 3021 OP ROAD
Project Number: 0304-014-003

Lab Number: L1500088
Report Date: 01/12/15

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Metals

L1500088-01 has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

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: Michelle M. Morris

Title: Technical Director/Representative Date: 01/12/15

ORGANICS

VOLATILES

Project Name: 3021 OP ROAD
Project Number: 0304-014-003
Lab Number: L1500088
Report Date: 01/12/15

SAMPLE RESULTS

Lab ID: L1500088-01
Client ID: B-23 2-4'
Sample Location: ORCHARD PARK
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/09/15 14:44
Analyst: JC
Percent Solids: 86%

Date Collected: 01/05/15 10:27
Date Received: 01/05/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	16	1.8	1
1,1-Dichloroethane	ND		ug/kg	2.4	0.14	1
Chloroform	ND		ug/kg	2.4	0.60	1
Carbon tetrachloride	ND		ug/kg	1.6	0.34	1
1,2-Dichloropropane	ND		ug/kg	5.6	0.37	1
Dibromochloromethane	ND		ug/kg	1.6	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	2.4	0.49	1
Tetrachloroethene	ND		ug/kg	1.6	0.22	1
Chlorobenzene	ND		ug/kg	1.6	0.56	1
Trichlorofluoromethane	ND		ug/kg	8.0	0.62	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.18	1
1,1,1-Trichloroethane	ND		ug/kg	1.6	0.18	1
Bromodichloromethane	ND		ug/kg	1.6	0.28	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.19	1
cis-1,3-Dichloropropene	ND		ug/kg	1.6	0.19	1
Bromoform	ND		ug/kg	6.4	0.38	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.6	0.16	1
Benzene	ND		ug/kg	1.6	0.19	1
Toluene	ND		ug/kg	2.4	0.31	1
Ethylbenzene	ND		ug/kg	1.6	0.20	1
Chloromethane	ND		ug/kg	8.0	0.47	1
Bromomethane	ND		ug/kg	3.2	0.54	1
Vinyl chloride	ND		ug/kg	3.2	0.19	1
Chloroethane	ND		ug/kg	3.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.42	1
trans-1,2-Dichloroethene	ND		ug/kg	2.4	0.34	1
Trichloroethene	ND		ug/kg	1.6	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	8.0	0.25	1
1,3-Dichlorobenzene	ND		ug/kg	8.0	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	8.0	0.22	1

Project Name: 3021 OP ROAD **Lab Number:** L1500088

Project Number: 0304-014-003 **Report Date:** 01/12/15

SAMPLE RESULTS

Lab ID: L1500088-01 Date Collected: 01/05/15 10:27

Client ID: B-23 2-4' Date Received: 01/05/15

Sample Location: ORCHARD PARK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	3.2	0.14	1
p/m-Xylene	ND		ug/kg	3.2	0.32	1
o-Xylene	ND		ug/kg	3.2	0.28	1
cis-1,2-Dichloroethene	2.2		ug/kg	1.6	0.23	1
Styrene	ND		ug/kg	3.2	0.65	1
Dichlorodifluoromethane	ND		ug/kg	16	0.31	1
Acetone	23		ug/kg	16	1.7	1
Carbon disulfide	ND		ug/kg	16	1.8	1
2-Butanone	ND		ug/kg	16	0.44	1
4-Methyl-2-pentanone	ND		ug/kg	16	0.39	1
2-Hexanone	ND		ug/kg	16	1.1	1
Bromochloromethane	ND		ug/kg	8.0	0.44	1
1,2-Dibromoethane	ND		ug/kg	6.4	0.28	1
n-Butylbenzene	ND		ug/kg	1.6	0.18	1
sec-Butylbenzene	ND		ug/kg	1.6	0.20	1
tert-Butylbenzene	ND		ug/kg	8.0	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	8.0	0.64	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.20	1
n-Propylbenzene	ND		ug/kg	1.6	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	8.0	0.24	1
1,2,4-Trichlorobenzene	ND		ug/kg	8.0	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	8.0	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	8.0	0.23	1
Methyl Acetate	ND		ug/kg	32	0.44	1
Cyclohexane	ND		ug/kg	32	0.24	1
1,4-Dioxane	ND		ug/kg	160	23.	1
Freon-113	ND		ug/kg	32	0.44	1
Methyl cyclohexane	0.69	J	ug/kg	6.4	0.25	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	103		70-130

Project Name: 3021 OP ROAD
Project Number: 0304-014-003

Lab Number: L1500088
Report Date: 01/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/09/15 12:55
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG754683-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14

Project Name: 3021 OP ROAD
Project Number: 0304-014-003

Lab Number: L1500088
Report Date: 01/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/09/15 12:55
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG754683-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.

Project Name: 3021 OP ROAD
Project Number: 0304-014-003

Lab Number: L1500088
Report Date: 01/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/09/15 12:55
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01 Batch: WG754683-3					
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND		ug/kg

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 3021 OP ROAD
Project Number: 0304-014-003

Lab Number: L1500088
Report Date: 01/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG754683-1 WG754683-2								
Methylene chloride	96		101		70-130	5		30
1,1-Dichloroethane	93		91		70-130	2		30
Chloroform	96		92		70-130	4		30
Carbon tetrachloride	97		95		70-130	2		30
1,2-Dichloropropane	93		92		70-130	1		30
Dibromochloromethane	96		96		70-130	0		30
2-Chloroethylvinyl ether	98		98		70-130	0		30
1,1,2-Trichloroethane	95		95		70-130	0		30
Tetrachloroethene	95		92		70-130	3		30
Chlorobenzene	98		96		70-130	2		30
Trichlorofluoromethane	128		124		70-139	3		30
1,2-Dichloroethane	93		92		70-130	1		30
1,1,1-Trichloroethane	96		92		70-130	4		30
Bromodichloromethane	96		93		70-130	3		30
trans-1,3-Dichloropropene	92		90		70-130	2		30
cis-1,3-Dichloropropene	91		91		70-130	0		30
1,1-Dichloropropene	94		91		70-130	3		30
Bromoform	91		90		70-130	1		30
1,1,2,2-Tetrachloroethane	92		88		70-130	4		30
Benzene	95		93		70-130	2		30
Toluene	98		95		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 OP ROAD

Project Number: 0304-014-003

Lab Number: L1500088

Report Date: 01/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG754683-1 WG754683-2								
Ethylbenzene	96		93		70-130	3		30
Chloromethane	89		86		52-130	3		30
Bromomethane	**156**	Q	**153**	Q	57-147	2		30
Vinyl chloride	118		114		67-130	3		30
Chloroethane	138		140		50-151	1		30
1,1-Dichloroethene	99		94		65-135	5		30
trans-1,2-Dichloroethene	96		93		70-130	3		30
Trichloroethene	96		93		70-130	3		30
1,2-Dichlorobenzene	97		95		70-130	2		30
1,3-Dichlorobenzene	99		97		70-130	2		30
1,4-Dichlorobenzene	99		98		70-130	1		30
Methyl tert butyl ether	90		88		66-130	2		30
p/m-Xylene	99		98		70-130	1		30
o-Xylene	98		96		70-130	2		30
cis-1,2-Dichloroethene	96		96		70-130	0		30
Dibromomethane	95		97		70-130	2		30
Styrene	100		99		70-130	1		30
Dichlorodifluoromethane	90		88		30-146	2		30
Acetone	88		85		54-140	3		30
Carbon disulfide	92		87		59-130	6		30
2-Butanone	86		84		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 OP ROAD

Project Number: 0304-014-003

Lab Number: L1500088

Report Date: 01/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG754683-1 WG754683-2								
Vinyl acetate	85		84		70-130	1		30
4-Methyl-2-pentanone	81		80		70-130	1		30
1,2,3-Trichloropropane	89		88		68-130	1		30
2-Hexanone	**67**	Q	**67**	Q	70-130	0		30
Bromochloromethane	102		102		70-130	0		30
2,2-Dichloropropane	90		87		70-130	3		30
1,2-Dibromoethane	98		95		70-130	3		30
1,3-Dichloropropane	94		93		69-130	1		30
1,1,1,2-Tetrachloroethane	97		96		70-130	1		30
Bromobenzene	92		90		70-130	2		30
n-Butylbenzene	99		97		70-130	2		30
sec-Butylbenzene	97		93		70-130	4		30
tert-Butylbenzene	94		91		70-130	3		30
o-Chlorotoluene	110		107		70-130	3		30
p-Chlorotoluene	94		92		70-130	2		30
1,2-Dibromo-3-chloropropane	89		90		68-130	1		30
Hexachlorobutadiene	82		78		67-130	5		30
Isopropylbenzene	94		92		70-130	2		30
p-Isopropyltoluene	96		93		70-130	3		30
Naphthalene	88		89		70-130	1		30
Acrylonitrile	90		90		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 OP ROAD

Project Number: 0304-014-003

Lab Number: L1500088

Report Date: 01/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG754683-1 WG754683-2								
Isopropyl Ether	88		87		66-130	1		30
tert-Butyl Alcohol	71		**69**	Q	70-130	3		30
n-Propylbenzene	95		93		70-130	2		30
1,2,3-Trichlorobenzene	88		90		70-130	2		30
1,2,4-Trichlorobenzene	92		92		70-130	0		30
1,3,5-Trimethylbenzene	95		93		70-130	2		30
1,2,4-Trimethylbenzene	94		93		70-130	1		30
Methyl Acetate	85		84		51-146	1		30
Ethyl Acetate	84		81		70-130	4		30
Acrolein	86		87		70-130	1		30
Cyclohexane	93		89		59-142	4		30
1,4-Dioxane	92		92		65-136	0		30
Freon-113	102		96		50-139	6		30
1,4-Diethylbenzene	98		96		70-130	2		30
4-Ethyltoluene	97		95		70-130	2		30
1,2,4,5-Tetramethylbenzene	94		91		70-130	3		30
Tetrahydrofuran	77		75		66-130	3		30
Ethyl ether	**133**	Q	**134**	Q	67-130	1		30
trans-1,4-Dichloro-2-butene	84		83		70-130	1		30
Methyl cyclohexane	94		90		70-130	4		30
Ethyl-Tert-Butyl-Ether	88		88		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 OP ROAD

Project Number: 0304-014-003

Lab Number: L1500088

Report Date: 01/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01 Batch: WG754683-1 WG754683-2								
Tertiary-Amyl Methyl Ether	90		88		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		95		70-130
Toluene-d8	101		99		70-130
4-Bromofluorobenzene	91		91		70-130
Dibromofluoromethane	104		102		70-130

SEMIVOLATILES

Project Name: 3021 OP ROAD
Lab Number: L1500088
Project Number: 0304-014-003
Report Date: 01/12/15

SAMPLE RESULTS

Lab ID: L1500088-01
Client ID: B-23 2-4'
Sample Location: ORCHARD PARK
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/09/15 20:15
Analyst: JB
Percent Solids: 86%

Date Collected: 01/05/15 10:27
Date Received: 01/05/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 01/07/15 13:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	39.	1
Hexachlorobenzene	ND		ug/kg	110	35.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	53.	1
2-Chloronaphthalene	ND		ug/kg	190	61.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	41.	1
2,6-Dinitrotoluene	ND		ug/kg	190	48.	1
Fluoranthene	ND		ug/kg	110	34.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	57.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	43.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	66.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	57.	1
Hexachlorobutadiene	ND		ug/kg	190	53.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	120	1
Hexachloroethane	ND		ug/kg	150	34.	1
Isophorone	ND		ug/kg	170	50.	1
Naphthalene	ND		ug/kg	190	62.	1
Nitrobenzene	ND		ug/kg	170	45.	1
NDPA/DPA	ND		ug/kg	150	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	56.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	49.	1
Butyl benzyl phthalate	ND		ug/kg	190	37.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	46.	1
Diethyl phthalate	ND		ug/kg	190	40.	1
Dimethyl phthalate	ND		ug/kg	190	48.	1
Benzo(a)anthracene	ND		ug/kg	110	37.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	38.	1
Benzo(k)fluoranthene	ND		ug/kg	110	36.	1

Project Name: 3021 OP ROAD **Lab Number:** L1500088

Project Number: 0304-014-003 **Report Date:** 01/12/15

SAMPLE RESULTS

Lab ID: L1500088-01 Date Collected: 01/05/15 10:27

Client ID: B-23 2-4' Date Received: 01/05/15

Sample Location: ORCHARD PARK Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	ND		ug/kg	110	37.	1
Acenaphthylene	ND		ug/kg	150	35.	1
Anthracene	ND		ug/kg	110	31.	1
Benzo(ghi)perylene	ND		ug/kg	150	39.	1
Fluorene	ND		ug/kg	190	54.	1
Phenanthrene	ND		ug/kg	110	37.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	36.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	42.	1
Pyrene	ND		ug/kg	110	37.	1
Biphenyl	ND		ug/kg	430	62.	1
4-Chloroaniline	ND		ug/kg	190	50.	1
2-Nitroaniline	ND		ug/kg	190	53.	1
3-Nitroaniline	ND		ug/kg	190	52.	1
4-Nitroaniline	ND		ug/kg	190	51.	1
Dibenzofuran	ND		ug/kg	190	63.	1
2-Methylnaphthalene	ND		ug/kg	220	60.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	58.	1
Acetophenone	ND		ug/kg	190	58.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	55.	1
2-Chlorophenol	ND		ug/kg	190	57.	1
2,4-Dichlorophenol	ND		ug/kg	170	61.	1
2,4-Dimethylphenol	ND		ug/kg	190	56.	1
2-Nitrophenol	ND		ug/kg	410	59.	1
4-Nitrophenol	ND		ug/kg	260	61.	1
2,4-Dinitrophenol	ND		ug/kg	900	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	69.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	190	56.	1
2-Methylphenol	ND		ug/kg	190	61.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	62.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	61.	1
Carbazole	ND		ug/kg	190	40.	1
Benzaldehyde	ND		ug/kg	250	76.	1
Caprolactam	ND		ug/kg	190	52.	1
Atrazine	ND		ug/kg	150	43.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	32.	1

Project Name: 3021 OP ROAD
Lab Number: L1500088
Project Number: 0304-014-003
Report Date: 01/12/15

SAMPLE RESULTS

Lab ID: L1500088-01
Client ID: B-23 2-4'
Sample Location: ORCHARD PARK
Date Collected: 01/05/15 10:27
Date Received: 01/05/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	91		0-136
4-Terphenyl-d14	81		18-120

Project Name: 3021 OP ROAD
Project Number: 0304-014-003

Lab Number: L1500088
Report Date: 01/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/09/15 14:51
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 01/07/15 12:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG753965-1					
Acenaphthene	ND		ug/kg	130	33.
Hexachlorobenzene	ND		ug/kg	97	30.
Bis(2-chloroethyl)ether	ND		ug/kg	140	45.
2-Chloronaphthalene	ND		ug/kg	160	53.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	41.
Fluoranthene	ND		ug/kg	97	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	49.
4-Bromophenyl phenyl ether	ND		ug/kg	160	37.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	57.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	49.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	460	100
Hexachloroethane	ND		ug/kg	130	29.
Isophorone	ND		ug/kg	140	43.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	140	38.
NDPA/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	48.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	42.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	34.
Dimethyl phthalate	ND		ug/kg	160	41.
Benzo(a)anthracene	ND		ug/kg	97	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	33.

Project Name: 3021 OP ROAD
Project Number: 0304-014-003

Lab Number: L1500088
Report Date: 01/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/09/15 14:51
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 01/07/15 12:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG753965-1					
Benzo(k)fluoranthene	ND		ug/kg	97	31.
Chrysene	ND		ug/kg	97	32.
Acenaphthylene	ND		ug/kg	130	30.
Anthracene	ND		ug/kg	97	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	46.
Phenanthrene	ND		ug/kg	97	32.
Dibenzo(a,h)anthracene	ND		ug/kg	97	31.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	97	31.
Biphenyl	ND		ug/kg	370	53.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	44.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	54.
2-Methylnaphthalene	ND		ug/kg	190	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	50.
Acetophenone	ND		ug/kg	160	50.
2,4,6-Trichlorophenol	ND		ug/kg	97	30.
p-Chloro-m-cresol	ND		ug/kg	160	47.
2-Chlorophenol	ND		ug/kg	160	49.
2,4-Dichlorophenol	ND		ug/kg	140	52.
2,4-Dimethylphenol	ND		ug/kg	160	48.
2-Nitrophenol	ND		ug/kg	350	50.
4-Nitrophenol	ND		ug/kg	230	52.
2,4-Dinitrophenol	ND		ug/kg	780	220
4,6-Dinitro-o-cresol	ND		ug/kg	420	59.
Pentachlorophenol	ND		ug/kg	130	34.

Project Name: 3021 OP ROAD
Project Number: 0304-014-003

Lab Number: L1500088
Report Date: 01/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/09/15 14:51
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 01/07/15 12:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG753965-1					
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	52.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	53.
2,4,5-Trichlorophenol	ND		ug/kg	160	52.
Carbazole	ND		ug/kg	160	35.
Benzaldehyde	ND		ug/kg	210	65.
Caprolactam	ND		ug/kg	160	44.
Atrazine	ND		ug/kg	130	37.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	27.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	77		0-136
4-Terphenyl-d14	77		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 3021 OP ROAD
Project Number: 0304-014-003

Lab Number: L1500088
Report Date: 01/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG753965-2 WG753965-3								
Acenaphthene	77		71		31-137	8		50
1,2,4-Trichlorobenzene	74		69		38-107	7		50
Hexachlorobenzene	80		74		40-140	8		50
Bis(2-chloroethyl)ether	70		63		40-140	11		50
2-Chloronaphthalene	76		70		40-140	8		50
1,2-Dichlorobenzene	70		63		40-140	11		50
1,3-Dichlorobenzene	69		64		40-140	8		50
1,4-Dichlorobenzene	68		63		28-104	8		50
3,3'-Dichlorobenzidine	**32**	Q	60		40-140	**61**	Q	50
2,4-Dinitrotoluene	80		74		28-89	8		50
2,6-Dinitrotoluene	80		76		40-140	5		50
Fluoranthene	83		78		40-140	6		50
4-Chlorophenyl phenyl ether	79		74		40-140	7		50
4-Bromophenyl phenyl ether	80		75		40-140	6		50
Bis(2-chloroisopropyl)ether	66		59		40-140	11		50
Bis(2-chloroethoxy)methane	76		68		40-117	11		50
Hexachlorobutadiene	72		69		40-140	4		50
Hexachlorocyclopentadiene	94		87		40-140	8		50
Hexachloroethane	67		63		40-140	6		50
Isophorone	74		67		40-140	10		50
Naphthalene	72		64		40-140	12		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 3021 OP ROAD
Project Number: 0304-014-003

Lab Number: L1500088
Report Date: 01/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG753965-2 WG753965-3								
Nitrobenzene	70		64		40-140	9		50
NitrosoDiPhenylAmine(NDPA)/DPA	85		79			7		50
n-Nitrosodi-n-propylamine	76		68		32-121	11		50
Bis(2-Ethylhexyl)phthalate	81		76		40-140	6		50
Butyl benzyl phthalate	81		76		40-140	6		50
Di-n-butylphthalate	82		77		40-140	6		50
Di-n-octylphthalate	80		74		40-140	8		50
Diethyl phthalate	80		75		40-140	6		50
Dimethyl phthalate	80		73		40-140	9		50
Benzo(a)anthracene	80		75		40-140	6		50
Benzo(a)pyrene	80		75		40-140	6		50
Benzo(b)fluoranthene	80		76		40-140	5		50
Benzo(k)fluoranthene	80		74		40-140	8		50
Chrysene	82		77		40-140	6		50
Acenaphthylene	77		72		40-140	7		50
Anthracene	82		78		40-140	5		50
Benzo(ghi)perylene	80		76		40-140	5		50
Fluorene	79		74		40-140	7		50
Phenanthrene	80		77		40-140	4		50
Dibenzo(a,h)anthracene	80		76		40-140	5		50
Indeno(1,2,3-cd)Pyrene	80		76		40-140	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 3021 OP ROAD
Project Number: 0304-014-003

Lab Number: L1500088
Report Date: 01/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG753965-2 WG753965-3								
Pyrene	82		78		35-142	5		50
Biphenyl	83		78			6		50
4-Chloroaniline	112		57		40-140	**65**	Q	50
2-Nitroaniline	81		76		47-134	6		50
3-Nitroaniline	31		55		26-129	**56**	Q	50
4-Nitroaniline	76		72		41-125	5		50
Dibenzofuran	83		77		40-140	8		50
2-Methylnaphthalene	79		71		40-140	11		50
1,2,4,5-Tetrachlorobenzene	80		73		40-117	9		50
Acetophenone	77		71		14-144	8		50
2,4,6-Trichlorophenol	91		82		30-130	10		50
P-Chloro-M-Cresol	91		84		26-103	8		50
2-Chlorophenol	83		75		25-102	10		50
2,4-Dichlorophenol	90		83		30-130	8		50
2,4-Dimethylphenol	85		79		30-130	7		50
2-Nitrophenol	82		76		30-130	8		50
4-Nitrophenol	101		85		11-114	17		50
2,4-Dinitrophenol	76		74		4-130	3		50
4,6-Dinitro-o-cresol	88		81		10-130	8		50
Pentachlorophenol	87		81		17-109	7		50
Phenol	79		74		26-90	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 OP ROAD

Project Number: 0304-014-003

Lab Number: L1500088

Report Date: 01/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG753965-2 WG753965-3								
2-Methylphenol	88		79		30-130.	11		50
3-Methylphenol/4-Methylphenol	87		80		30-130	8		50
2,4,5-Trichlorophenol	88		82		30-130	7		50
Benzoic Acid	43		42			2		50
Benzyl Alcohol	72		73		40-140	1		50
Carbazole	86		80		54-128	7		50
Benzaldehyde	75		70			7		50
Caprolactam	86		79			8		50
Atrazine	46		44			4		50
2,3,4,6-Tetrachlorophenol	81		75			8		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	78		74		25-120
Phenol-d6	84		78		10-120
Nitrobenzene-d5	77		73		23-120
2-Fluorobiphenyl	81		75		30-120
2,4,6-Tribromophenol	86		83		0-136
4-Terphenyl-d14	85		80		18-120

PCBS

Project Name: 3021 OP ROAD
Lab Number: L1500088
Project Number: 0304-014-003
Report Date: 01/12/15

SAMPLE RESULTS

Lab ID:	L1500088-01	Date Collected:	01/05/15 10:27
Client ID:	B-23 2-4'	Date Received:	01/05/15
Sample Location:	ORCHARD PARK	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	01/07/15 14:19
Analytical Date:	01/08/15 21:20	Cleanup Method:	EPA 3665A
Analyst:	JT	Cleanup Date:	01/07/15
Percent Solids:	86%	Cleanup Method:	EPA 3660B
		Cleanup Date:	01/07/15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.8	2.99	1	A
Aroclor 1221	ND		ug/kg	37.8	3.49	1	A
Aroclor 1232	ND		ug/kg	37.8	4.43	1	A
Aroclor 1242	ND		ug/kg	37.8	4.63	1	A
Aroclor 1248	ND		ug/kg	37.8	3.19	1	A
Aroclor 1254	ND		ug/kg	37.8	3.11	1	A
Aroclor 1260	ND		ug/kg	37.8	2.88	1	A
Aroclor 1262	ND		ug/kg	37.8	1.88	1	A
Aroclor 1268	ND		ug/kg	37.8	5.48	1	A
PCBs, Total	ND		ug/kg	37.8	1.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 3021 OP ROAD
Project Number: 0304-014-003

Lab Number: L1500088
Report Date: 01/12/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 01/08/15 05:40
Analyst: JT

Extraction Method: EPA 3546
Extraction Date: 01/07/15 14:19
Cleanup Method: EPA 3665A
Cleanup Date: 01/07/15
Cleanup Method: EPA 3660B
Cleanup Date: 01/07/15

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG753998-1						
Aroclor 1016	ND		ug/kg	32.2	2.55	A
Aroclor 1221	ND		ug/kg	32.2	2.97	A
Aroclor 1232	ND		ug/kg	32.2	3.78	A
Aroclor 1242	ND		ug/kg	32.2	3.94	A
Aroclor 1248	ND		ug/kg	32.2	2.72	A
Aroclor 1254	ND		ug/kg	32.2	2.65	A
Aroclor 1260	ND		ug/kg	32.2	2.46	A
Aroclor 1262	ND		ug/kg	32.2	1.60	A
Aroclor 1268	ND		ug/kg	32.2	4.67	A
PCBs, Total	ND		ug/kg	32.2	1.60	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	104		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	91		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 OP ROAD

Project Number: 0304-014-003

Lab Number: L1500088

Report Date: 01/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG753998-2 WG753998-3									
Aroclor 1016	60		64		40-140	6		50	A
Aroclor 1260	59		61		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		63		30-150	A
Decachlorobiphenyl	89		93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		68		30-150	B
Decachlorobiphenyl	76		80		30-150	B

METALS

Project Name: 3021 OP ROAD
Project Number: 0304-014-003
Lab Number: L1500088
Report Date: 01/12/15

SAMPLE RESULTS

Lab ID: L1500088-01
Client ID: B-23 2-4'
Sample Location: ORCHARD PARK
Matrix: Soil
Percent Solids: 86%

Date Collected: 01/05/15 10:27
Date Received: 01/05/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Aluminum, Total	9300		mg/kg	9.1	1.8	2	01/12/15 09:48	01/12/15 11:56	EPA 3050B	1,6010C	BC
Antimony, Total	ND		mg/kg	4.5	0.72	2	01/12/15 09:48	01/12/15 11:56	EPA 3050B	1,6010C	BC
Arsenic, Total	12		mg/kg	0.91	0.18	2	01/12/15 09:48	01/12/15 11:56	EPA 3050B	1,6010C	BC
Barium, Total	46		mg/kg	0.91	0.27	2	01/12/15 09:48	01/12/15 11:56	EPA 3050B	1,6010C	BC
Beryllium, Total	0.44	J	mg/kg	0.45	0.09	2	01/12/15 09:48	01/12/15 11:56	EPA 3050B	1,6010C	BC
Cadmium, Total	0.14	J	mg/kg	0.91	0.06	2	01/12/15 09:48	01/12/15 11:56	EPA 3050B	1,6010C	BC
Calcium, Total	16000		mg/kg	9.1	2.7	2	01/12/15 09:48	01/12/15 11:56	EPA 3050B	1,6010C	BC
Chromium, Total	15		mg/kg	0.91	0.18	2	01/12/15 09:48	01/12/15 11:56	EPA 3050B	1,6010C	BC
Cobalt, Total	8.6		mg/kg	1.8	0.45	2	01/12/15 09:48	01/12/15 11:56	EPA 3050B	1,6010C	BC
Copper, Total	29		mg/kg	0.91	0.18	2	01/12/15 09:48	01/12/15 11:56	EPA 3050B	1,6010C	BC
Iron, Total	18000		mg/kg	4.5	1.8	2	01/12/15 09:48	01/12/15 11:56	EPA 3050B	1,6010C	BC
Lead, Total	12		mg/kg	4.5	0.18	2	01/12/15 09:48	01/12/15 11:56	EPA 3050B	1,6010C	BC
Magnesium, Total	3400		mg/kg	9.1	0.91	2	01/12/15 09:48	01/12/15 11:56	EPA 3050B	1,6010C	BC
Manganese, Total	220		mg/kg	0.91	0.18	2	01/12/15 09:48	01/12/15 11:56	EPA 3050B	1,6010C	BC
Mercury, Total	0.03	J	mg/kg	0.07	0.02	1	01/06/15 07:05	01/06/15 13:44	EPA 7471B	1,7471B	MC
Nickel, Total	26		mg/kg	2.3	0.36	2	01/12/15 09:48	01/12/15 11:56	EPA 3050B	1,6010C	BC
Potassium, Total	1500		mg/kg	230	36.	2	01/12/15 09:48	01/12/15 11:56	EPA 3050B	1,6010C	BC
Selenium, Total	1.0	J	mg/kg	1.8	0.27	2	01/12/15 09:48	01/12/15 11:56	EPA 3050B	1,6010C	BC
Silver, Total	0.20	J	mg/kg	0.91	0.18	2	01/12/15 09:48	01/12/15 11:56	EPA 3050B	1,6010C	BC
Sodium, Total	320		mg/kg	180	27.	2	01/12/15 09:48	01/12/15 11:56	EPA 3050B	1,6010C	BC
Thallium, Total	ND		mg/kg	1.8	0.36	2	01/12/15 09:48	01/12/15 11:56	EPA 3050B	1,6010C	BC
Vanadium, Total	20		mg/kg	0.91	0.09	2	01/12/15 09:48	01/12/15 11:56	EPA 3050B	1,6010C	BC
Zinc, Total	58		mg/kg	4.5	0.63	2	01/12/15 09:48	01/12/15 11:56	EPA 3050B	1,6010C	BC

Project Name: 3021 OP ROAD
Project Number: 0304-014-003
Lab Number: L1500088
Report Date: 01/12/15

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG753449-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	01/06/15 07:05	01/06/15 13:03	1,7471B	MC

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG754950-1										
Aluminum, Total	ND		mg/kg	4.0	0.80	1	01/12/15 09:48	01/12/15 14:03	1,6010C	BC
Antimony, Total	ND		mg/kg	2.0	0.32	1	01/12/15 09:48	01/12/15 14:03	1,6010C	BC
Arsenic, Total	0.15	J	mg/kg	0.40	0.08	1	01/12/15 09:48	01/12/15 14:03	1,6010C	BC
Barium, Total	ND		mg/kg	0.40	0.12	1	01/12/15 09:48	01/12/15 14:03	1,6010C	BC
Beryllium, Total	ND		mg/kg	0.20	0.04	1	01/12/15 09:48	01/12/15 14:03	1,6010C	BC
Cadmium, Total	ND		mg/kg	0.40	0.03	1	01/12/15 09:48	01/12/15 14:03	1,6010C	BC
Calcium, Total	ND		mg/kg	4.0	1.2	1	01/12/15 09:48	01/12/15 14:03	1,6010C	BC
Chromium, Total	ND		mg/kg	0.40	0.08	1	01/12/15 09:48	01/12/15 14:03	1,6010C	BC
Cobalt, Total	ND		mg/kg	0.80	0.20	1	01/12/15 09:48	01/12/15 14:03	1,6010C	BC
Copper, Total	ND		mg/kg	0.40	0.08	1	01/12/15 09:48	01/12/15 14:03	1,6010C	BC
Iron, Total	ND		mg/kg	2.0	0.80	1	01/12/15 09:48	01/12/15 14:03	1,6010C	BC
Lead, Total	ND		mg/kg	2.0	0.08	1	01/12/15 09:48	01/12/15 14:03	1,6010C	BC
Magnesium, Total	ND		mg/kg	4.0	0.40	1	01/12/15 09:48	01/12/15 14:03	1,6010C	BC
Manganese, Total	0.14	J	mg/kg	0.40	0.08	1	01/12/15 09:48	01/12/15 14:03	1,6010C	BC
Nickel, Total	ND		mg/kg	1.0	0.16	1	01/12/15 09:48	01/12/15 14:03	1,6010C	BC
Potassium, Total	ND		mg/kg	100	16.	1	01/12/15 09:48	01/12/15 14:03	1,6010C	BC
Selenium, Total	ND		mg/kg	0.80	0.12	1	01/12/15 09:48	01/12/15 14:03	1,6010C	BC
Silver, Total	ND		mg/kg	0.40	0.08	1	01/12/15 09:48	01/12/15 14:03	1,6010C	BC
Sodium, Total	ND		mg/kg	80	12.	1	01/12/15 09:48	01/12/15 14:03	1,6010C	BC
Thallium, Total	ND		mg/kg	0.80	0.16	1	01/12/15 09:48	01/12/15 14:03	1,6010C	BC
Vanadium, Total	ND		mg/kg	0.40	0.04	1	01/12/15 09:48	01/12/15 14:03	1,6010C	BC
Zinc, Total	ND		mg/kg	2.0	0.28	1	01/12/15 09:48	01/12/15 14:03	1,6010C	BC

Project Name: 3021 OP ROAD
Project Number: 0304-014-003
Lab Number: L1500088
Report Date: 01/12/15

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 OP ROAD

Project Number: 0304-014-003

Lab Number: L1500088

Report Date: 01/12/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG753449-2 SRM Lot Number: D083-540								
Mercury, Total	108		-		75-126	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 OP ROAD

Project Number: 0304-014-003

Lab Number: L1500088

Report Date: 01/12/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG754950-2 SRM Lot Number: D083-540					
Aluminum, Total	75	-	51-148	-	
Antimony, Total	164	-	1-210	-	
Arsenic, Total	98	-	78-122	-	
Barium, Total	90	-	82-117	-	
Beryllium, Total	92	-	82-118	-	
Cadmium, Total	94	-	82-118	-	
Calcium, Total	84	-	82-118	-	
Chromium, Total	91	-	79-121	-	
Cobalt, Total	94	-	83-117	-	
Copper, Total	95	-	80-120	-	
Iron, Total	86	-	47-153	-	
Lead, Total	92	-	81-119	-	
Magnesium, Total	86	-	75-124	-	
Manganese, Total	95	-	81-119	-	
Nickel, Total	94	-	82-118	-	
Potassium, Total	84	-	70-130	-	
Selenium, Total	102	-	78-123	-	
Silver, Total	96	-	74-125	-	
Sodium, Total	85	-	70-130	-	
Thallium, Total	95	-	78-122	-	
Vanadium, Total	95	-	65-135	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 3021 OP ROAD

Project Number: 0304-014-003

Lab Number: L1500088

Report Date: 01/12/15

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG754950-2 SRM Lot Number: D083-540					
Zinc, Total	97	-	80-121	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 3021 OP ROAD
Project Number: 0304-014-003

Lab Number: L1500088
Report Date: 01/12/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG753449-4 QC Sample: L1500051-01 Client ID: MS Sample												
Mercury, Total	ND	0.152	0.19	**125**	Q	-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 3021 OP ROAD
Project Number: 0304-014-003

Lab Number: L1500088
Report Date: 01/12/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG754950-4 QC Sample: L1430989-01 Client ID: MS Sample										
Aluminum, Total	6400	186	6200	**0**	Q	-	-	75-125	-	20
Antimony, Total	ND	46.4	44	95		-	-	75-125	-	20
Arsenic, Total	7.6	11.1	18	93		-	-	75-125	-	20
Barium, Total	14.	186	180	89		-	-	75-125	-	20
Beryllium, Total	0.30J	4.64	4.8	103		-	-	75-125	-	20
Cadmium, Total	1.9	4.73	6.5	97		-	-	75-125	-	20
Calcium, Total	1000	928	1900	97		-	-	75-125	-	20
Chromium, Total	12.	18.6	29	92		-	-	75-125	-	20
Cobalt, Total	20.	46.4	62	90		-	-	75-125	-	20
Copper, Total	240	23.2	310	**302**	Q	-	-	75-125	-	20
Iron, Total	10000	92.8	9200	**0**	Q	-	-	75-125	-	20
Lead, Total	69.	47.3	110	87		-	-	75-125	-	20
Magnesium, Total	1400	928	2200	86		-	-	75-125	-	20
Manganese, Total	75.	46.4	110	75		-	-	75-125	-	20
Nickel, Total	62.	46.4	99	80		-	-	75-125	-	20
Potassium, Total	540	928	1400	93		-	-	75-125	-	20
Selenium, Total	5.8	11.1	16	92		-	-	75-125	-	20
Silver, Total	0.25J	27.8	28	100		-	-	75-125	-	20
Sodium, Total	270	928	1200	100		-	-	75-125	-	20
Thallium, Total	ND	11.1	10	90		-	-	75-125	-	20
Vanadium, Total	13.	46.4	61	103		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 3021 OP ROAD
Project Number: 0304-014-003

Lab Number: L1500088
Report Date: 01/12/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG754950-4 QC Sample: L1430989-01 Client ID: MS Sample										
Zinc, Total	900	46.4	820	**0**	Q	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 3021 OP ROAD
Project Number: 0304-014-003

Lab Number: L1500088
Report Date: 01/12/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG753449-3 QC Sample: L1500051-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 3021 OP ROAD
Project Number: 0304-014-003

Lab Number: L1500088
Report Date: 01/12/15

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG754950-3 QC Sample: L1430989-01 Client ID: DUP Sample						
Aluminum, Total	6400	4500	mg/kg	**35**	Q	20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	7.6	5.5	mg/kg	**32**	Q	20
Barium, Total	14.	10	mg/kg	**33**	Q	20
Beryllium, Total	0.30J	0.22J	mg/kg	NC		20
Cadmium, Total	1.9	1.6	mg/kg	17		20
Calcium, Total	1000	930	mg/kg	7		20
Chromium, Total	12.	9.2	mg/kg	**26**	Q	20
Cobalt, Total	20.	14	mg/kg	**35**	Q	20
Copper, Total	240	410	mg/kg	**52**	Q	20
Iron, Total	10000	7900	mg/kg	**23**	Q	20
Lead, Total	69.	58	mg/kg	17		20
Magnesium, Total	1400	1100	mg/kg	**24**	Q	20
Manganese, Total	75.	65	mg/kg	14		20
Nickel, Total	62.	45	mg/kg	**32**	Q	20
Potassium, Total	540	350	mg/kg	**43**	Q	20
Selenium, Total	5.8	4.3	mg/kg	**30**	Q	20
Silver, Total	0.25J	ND	mg/kg	NC		20
Sodium, Total	270	240	mg/kg	12		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 3021 OP ROAD
Project Number: 0304-014-003

Lab Number: L1500088
Report Date: 01/12/15

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG754950-3 QC Sample: L1430989-01 Client ID: DUP Sample						
Thallium, Total	ND	ND	mg/kg	NC		20
Vanadium, Total	13.	11	mg/kg	17		20
Zinc, Total	900	720	mg/kg	**22**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: 3021 OP ROAD
Project Number: 0304-014-003

Lab Number: L1500088
Report Date: 01/12/15

SAMPLE RESULTS

Lab ID: L1500088-01
Client ID: B-23 2-4'
Sample Location: ORCHARD PARK
Matrix: Soil

Date Collected: 01/05/15 10:27
Date Received: 01/05/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	01/06/15 05:23	30,2540G	LH

Lab Duplicate Analysis
Batch Quality Control

Project Name: 3021 OP ROAD
Project Number: 0304-014-003

Lab Number: L1500088
Report Date: 01/12/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG753466-1 QC Sample: L1431065-09 Client ID: DUP Sample						
Solids, Total	86.7	88.4	%	2		20

Project Name: 3021 OP ROAD
Project Number: 0304-014-003

Lab Number: L1500088
Report Date: 01/12/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1500088-01A	5 gram Encore Sampler	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(2)
L1500088-01B	5 gram Encore Sampler	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(2)
L1500088-01C	5 gram Encore Sampler	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(2)
L1500088-01D	Plastic 2oz unpreserved for TS	A	N/A	2.7	Y	Absent	TS(7)
L1500088-01E	Glass 250ml/8oz unpreserved	A	N/A	2.7	Y	Absent	BE-TI(180),NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),NYTCL-8082(14),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1500088-01X	Vial MeOH preserved split	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)
L1500088-01Y	Vial Water preserved split	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)
L1500088-01Z	Vial Water preserved split	A	N/A	2.7	Y	Absent	NYTCL-8260HLW(14)

Container Comments

L1500088-01E

*Values in parentheses indicate holding time in days

Project Name:	3021 OP ROAD	**Lab Number:**	L1500088
Project Number:	0304-014-003	**Report Date:**	01/12/15

GLOSSARY

Acronyms

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).

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.

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.

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.

NI - Not Ignitable.

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.

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

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.

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.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	3021 OP ROAD	**Lab Number:**	L1500088
Project Number:	0304-014-003	**Report Date:**	01/12/15

Data Qualifiers

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.

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

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.

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.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	3021 OP ROAD	**Lab Number:**	L1500088
Project Number:	0304-014-003	**Report Date:**	01/12/15

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

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

Last revised December 16, 2014

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

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
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.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: 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**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: 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: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 1-6-15

ALPHA Job #: L1500088

Client Information

Client: Turkey Environmental
Address: 2558 Hamburg Turnpike
Lackawanna, NY 14218
Phone: 716-825-8358
Fax: 716-856-0583
Email: hbehrendt@turkeyllc.com

Project Information

Project Name: 3221 OP Road
Project Location: Orchard Park
Project #: 0304-014-003
(Use Project name as Project #): X
Project Manager: Bryan Hamm
ALPHAQuote #:

Turn-Around Time

Standard: X Due Date: 1-12-15
Rush (only if pre approved): ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Cat B, VOCs sampled with Encore

Please specify Metals or TAL.

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

Sample Filtration

☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Total Solids	TCL+CP51 VOCs	TAL metals	T PCBs	TCL SVOCs	Sample Specific Comments	Total Bottle
00088-01	B-23 2-4'	1/5/15	1027	Soil	JJR	X	X	X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	E	A	A	A	A						
Preservative	A	A	A	A	A						

Relinquished By:	Date/Time	Received By:	Date/Time
	1/5/15 1500	AAL	1/6/15 1700
	1/6/15 1955		01/05 1955
	01/05 2235		1/5/15 2235
	1/6/15 0105		1/6/15 0105

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A, 12th Floor
625 Broadway, Albany, New York 12233-7015
Phone: (518) 402-9625 • **Fax:** (518) 402-9627
Website: www.dec.ny.gov

Joe Martens
Commissioner

January 28, 2015

Sent via e-mail, no hard copy to follow

Mr. Thomas H. Forbes, PE
Principal Engineer
TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218

Re: Request for Contained-In Determination
3021 Orchard Park Road Site, Orchard Park, New York
Brownfield Cleanup Site C915289

Dear Mr. Forbes:

We have completed our review of the soil sampling data from the investigated area (Samples ID: B-1, B-5 and B-23) with your January 27, 2015 request for a "contained-in" determination for soil contaminated by the former dry cleaning operations at the referenced project site.

Concentrations detected for individual VOCs were all significantly less than their current "contained-in" soil action levels and Land Disposal Restriction concentrations. Most of the individual VOCs were not detected above the detection limit. No hazardous constituents exhibited a hazardous waste characteristic by exceeding their TCLP regulatory level.

Concentrations (Lab Report ID: L1427049, L1427154 and L1500088) for Tetrachloroethene and cis-1,2-Dichloroethene were below the soil "contained in" action level and the Land Disposal Restriction concentration. Therefore, soils excavated within boring locations B-1, B-5 and B-23 do not have to be managed as hazardous waste and can be transported off-site to a permitted solid waste landfill with a liner and leachate collection system. Please provide the Department the name and address of the facility that will receive it.

Should you have any questions regarding the content of this letter, please do not hesitate to contact me at (518) 402-9622 or email me at henry.wilkie@dec.ny.gov.

Sincerely,

Henry Wilkie
Environmental Engineer 1
Remedial Section B

ecc: D. Locey (NYSDEC Region 9)
C. Doroski (NYSDOH)
P. Hogan (3021-3041 Orchard Park Road, LLC)
C. Jerzewski (CCS Oncology, P.C.)
B. Hann (Turnkey Environmental Restoration, LLC)

APPENDIX I

STATISTICAL ANALYSIS FOR SITE-SPECIFIC ARSENIC

APPENDIX I

STATISTICAL DATA SUMMARY - ARSENIC
95% UPPER CONFIDENCE LIMIT CALCULATIONS

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Parameter	Range (mg/kg)		No. of Samples	Mean	*t*	Std. Dev.	95% UCL on the Mean
	Min	Max					
Arsenic	2.1	19.0	28.0	10.6	1.70	3.8	12

Background Determination[1]
95% UCL = 12
No. of Samples > 12 mg/kg = 7

SSAL Determination[2]
2 x 95% UCL = 24
No. of Samples > 24 mg/kg = 0

Notes:

UCL = Upper confidence limit

1. To determine the Site background concentration, soil/fill arsenic data were tabulated and the 95% upper confidence limit (95% UCL) on the mean was calculated.

2. The data were then reviewed relative to the 95% UCL, with 2x the UCL considered representative of a potential hotspot, consistent with other arsenic-impacted sites in NYSDEC Region 9.

APPENDIX I

SUMMARY OF SUBSURFACE SOIL ANALYTICAL DATA FOR ARSENIC

Remedial Investigation/Alternatives Analysis Report
3021 Orchard Park Road Site
Orchard Park, New York

Parameter [1]	Commercial SCOs[2] (mg/kg)	Location (depth), Sample Date, Lab Data Package No.									
		VAULT									
		B-5 (0.4-4.0) 11/11/2014 L1427154-01	B-6 (4-8) 12/12/2014 L1430017-01	B-7 (8-10) 12/12/2014 L1430017-02	B-8 (9.5-11.5) 12/12/2014 L1430017-05	B-9 (4-8) 12/12/2014 L1430017-03	B-10 (5-7) 12/12/2014 L1430017-06	B-11 (2-4) 12/12/2014 L1430017-07	B-12 (2-4) 12/15/2014 L1430177-01	B-13 (1-4) 12/15/2014 L1430177-02	B-14 (1-4) 12/15/2014 L1430177-04
Arsenic	16	6.7	11	8.8	4.4	10	12	7.3	10	6.2	8.6

Parameter [1]	Commercial SCOs[2] (mg/kg)	Location (depth), Sample Date, Lab Data Package No.										
			UNDER BUILDING							VAULT AREA	UNDER BUILDING	
		B-15 (4-8) 12/15/2014 L1430177-05	B-16 (4-6) 12/15/2014 L1430177-07	B-17 (4-6) 12/15/2014 L1430177-08	B-18 (4-6) 12/15/2014 L1430177-09	B-19 (2-4) 12/30/2014 L1431379-01	B-20 (2-4) 12/30/2014 L1431379-02	B-21 (3.5-4.5) 12/30/2014 L1431379-03	B-22 (1-3) 12/15/2014 L1430177-06	B-23 2-4' 1/5/2015 L1500088-01	B-24 (2-4) 12/30/2014 L1431379-04	B-25 (4-5) 12/30/2014 L1431379-05
Arsenic	16	19	6.5	13	11	15	17	8	16	12	13	13

Parameter [1]	Commercial SCOs[2] (mg/kg)	Location (depth), Sample Date, Lab Data Package No.						
							QA/QC	
							B-9	B-13
		MW-1B (2-4) 12/22/2014 L1430926-01	MW-2B (12-14) 12/23/2014 L1431081-02	MW-3B (12-14) 12/24/2014 L1431129-01	MW-4A 10-18' 12/31/2014 L1431383-02	MW-5A 12-22' 12/30/2014 L1431383-01	BLIND DUP #1 12/12/2014 L1430017-04	BLIND DUP #2 12/15/2014 L1430177-03
Arsenic	16	11	11	11	12	13	8.2	2.1

APPENDIX J

ELECTRONIC COPY OF RI/AA REPORT

(INCLUDED ON CD)