Periodic Review Report
Former Carriage Factory
NYSDEC Site #C828184

33 Litchfield Street
Rochester, Monroe County, New York

Stantec Consulting Services Inc.

Prepared for:
New York State Department of Environmental Conservation
6274 East Avon-Lima Road Avon, New York 14414

April 11, 2025

Prepared by:
Stantec Consulting Services Inc.
61 Commercial Street, Suite 100 Rochester, New York 14614

Project/File:
213415055

Prepared on Behalf of:
Carriage Factory Special Needs Apartments, L.P.
1931 Buffalo Road, Rochester, New York, 14624

Stantec

Certification

I, Dwight Harrienger, P.E., of Stantec Consulting Services Inc., 61 Commercial Street, Suite 100, Rochester, NY 14614, am certifying as the Owner's Designated Site Representative. For each institutional or engineering control identified for the site, I certify that all of the following statements are true:

- The inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction;
- The institutional control and/or engineering control employed at this site is unchanged from the date the control was put in place, or last approved by the Department;
- 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 site management plan for this control;
- Access to the site will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of this control;
- 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 engineering control systems 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.

Dwight Harrienger

Dwight Harrienger, P.E.

Date: April 7, 2025



4/7/2025

Table of Contents

Certification **0**
Table of Contents ..... **i**
Acronyms / Abbreviations ..... **iii**
1 Introduction and Overview **1**
1.1 Summary of Site Contamination and Remedial History 1
1.2 Site Management Requirements 3

2 Effectiveness of the Remedial Program **5**
2.1 Groundwater Sampling and Gauging 5
2.2 Sub-Slab Depressurization System Monitoring 6
2.3 Sump Sampling and Purge Water Discharge 7
2.4 Site Inspection 7
2.5 Compliance 8
2.6 Recommendations 8

3 Remedy Performance, Effectiveness, and Protectiveness **9**
4 Compliance with IC/EC Requirements and the OM&M Plan **10**
5 Cooling Tower Excavation **11**
5.1 Field Activities 11
5.2 Community Air Monitoring 11
5.3 Imported Materials 12
5.4 Soil Re-Use 12
5.5 Restoration of Cover System 13
5.6 Exported Materials 13

6 Overall Conclusions and Recommendations **14**

TABLES

Table 1 Monthly Monitoring of the Sub-Slab Depressurization System
Table 2 Summary of Groundwater Elevations
Table 3 Summary of Groundwater Field Parameters
Table 4 Summary of Analytical Results in Groundwater
Table 5 Quarterly and Annual Monitoring of the Sub-Slab Depressurization System
Table 6 Summary of Analytical Results in Post-Construction Purge Water and Discharge Permit Samples

FIGURES

Figure 1 Site Location Map
Figure 2 Groundwater Monitoring Wells
Figure 3 Well Gauging Results and Interpreted Groundwater Elevation Contour Map – September 5, 2024
Figure 4 Plots of CVOC Degradation Over Time – Sampled Wells
Figure 5 Annual SSDS Vacuum Monitoring, February 2025

APPENDICES

Appendix A IC/EC Certification Forms
Appendix B Field Monitoring Logs
Appendix C Laboratory Analytical Reports
Appendix D NYSDEC Correspondence
Appendix E Annual Site Inspection Forms
Appendix F Cooling Tower Excavation Material Management Documentation

Acronyms / Abbreviations

Acronym / Abbreviation	Full Name
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
CAMP	Community Air Monitoring Plan
CFSNA	Carriage Factory Special Needs Apartments, L.P.
CIDWP	Contained-in Demonstration Work Plan
CVOC	Chlorinated Volatile Organic Compounds
DECI	Development and Environmental Consultants, Inc.
EPA	Environmental Protection Agency (United States)
ERD	Enhanced Reductive Dechlorination
ESA	Environmental Site Assessment
EWP	Excavation Work Plan
ft amsl	Feet Above Mean Sea-Level
HSC	Hamilton-Stern Construction
HVAC	Heating, Ventilation, and Air Conditioning
IC/EC	Institutional Control/Engineering Control
IRM	Interim Remedial Measures
IRMWP	Interim Remedial Measures Work Plan
IWC	Inches of Water Column
LGE	LG Evans Construction
MCDES	Monroe County Department of Environmental Services
mg/L	Milligrams per Liter
mV	Millivolts
MW	Monitoring Well
NYCRR	New York Codes, Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
ORP	Oxidation-Reduction Potential
PCE	Tetrachloroethylene
PID	Photoionization Detector
POTW	Publicly Owned Treatment Works
PRR	Periodic Review Report
RI	Remedial Investigation
RR	Restricted Residential
SCO	Soil Cleanup Objective
SM	Site Management
SMP	Site Management Plan
SSDS	Sub-Slab Depressurization System

Acronym / Abbreviation	Full Name
Stantec	Stantec Consulting Services, Inc.
SVI	Soil Vapor Intrusion
TCE	Trichloroethylene
VMP	Vacuum Monitoring Point
VOC	Volatile Organic Compounds
1,2-DCE	1,2-Dichloroethylene (cis or trans)
VC	Vinyl Chloride

1 Introduction and Overview

Stantec Consulting Services Inc. (Stantec) has prepared this Periodic Review Report (PRR) and the attached Institutional Control/Engineering Control (IC/EC) forms (Appendix A) to summarize Site Management (SM) activities at the Former Carriage Factory located at 33 Litchfield Street, Rochester, New York (Site) for the period of March 16, 2024 to March 16, 2025.

This PRR is prepared on behalf of Carriage Factory Special Needs Apartments, L.P. (CFSNA), the current owner of the Site, to fulfill the PRR requirements of the Brownfield Cleanup Agreement (BCA) under the Brownfield Cleanup Program (BCP) of the New York State Department of Environmental Conservation (NYSDEC). The Site is identified by the NYSDEC as BCA Site Number C828184.

The Site is a 1.5-acre parcel bounded by: Wiley Street and DeVault Storage Services, Inc. to the north; a parking lot to the south; Litchfield Street, a vacant warehouse, and the Canal Street BCP Site #C828206 (which has been redeveloped into a multiunit housing property known as Canal Commons) to the east; and Clark Alley and residences to the west. A Site Location Map is presented on Figure 1.

1.1 Summary of Site Contamination and Remedial History

The building was originally built circa 1900 for the production of horse-drawn carriages and is one of the oldest former manufacturing plants in Rochester. Historical Site operations included manufacture of wood trim/accent-related products for the automobile industry, other automotive parts, and clothing washers and dryers. Operations at the Site ceased in approximately 1993.

Beginning in 2010, a series of Phase I and Phase II Environmental Site Assessments (ESAs) were performed by Development and Environmental Consultants, Inc. (DECI) in association with real estate due diligence by CFSNA prior to its potential purchase of the property. Results of these investigations indicated the presence of chlorinated volatile organic compounds (CVOCs) in soil and/or in groundwater at concentrations above the applicable NYSDEC's soil cleanup objectives (SCOs) and groundwater standards. Additionally, urban fill consisting of ash, slag, cinders, bricks, concrete, and varying amounts of silt, sand, and gravel was encountered at most exterior locations with thicknesses ranging from 1.8 to 4.4 feet.

Based on the results of the ESAs, CFSNA entered the NYSDEC's BCP in February 2013. Soon thereafter, construction began on renovation of the building for use as apartments. Stantec concurrently performed a Remedial Investigation (RI) to further identify and delineate contamination at the Site. Details of the RI activities and methodology are presented in the Remedial Investigation Report dated August 2014. The RI further characterized the extent of contamination at the Site: a soil gas survey identified the areal extent of CVOC impacts; a geophysical survey inside the building indicated numerous buried pipe runs; surface soil samples in urban fill material exhibited concentrations of several metals, including lead, mercury, arsenic, and barium, at levels in excess of NYSDEC Restricted Residential (RR) SCOs; groundwater monitoring well installation and subsequent gauging showed that groundwater levels were highest beneath the building and flow direction was radially away from the building; groundwater sampling showed that samples from thirteen of the sixteen monitoring wells on and near the Site exceeded

NYSDEC T.O.G.S. 1.1.1 groundwater standards for one or more CVOCs; and the types and concentration distribution of CVOCs were indicative that reductive dechlorination of these contaminants was occurring naturally.

Based on the results of the RI, an Interim Remedial Measures Work Plan (IRMWP) was submitted to the NYSDEC in May 2013 and was approved on August 30, 2013. To accomplish the objectives of the IRMWP, Stantec performed the following primary activities:

- Observed and documented construction activities that involved soil excavation, grading, handling, stockpiling and disposal;
- Arranged for and documented pumping, containerizing, treatment and/or discharge of groundwater entering excavations;
- Performed visual and instrument screening of excavated and in-situ soils;
- Obtained permits on behalf of CFSNA from the Monroe County Department of Environmental Services (MCDES) for temporary and long-term discharge of impacted groundwater to the sanitary sewer;
- Developed a Contained-In Demonstration Work Plan (CIDWP) to address the characterization and disposal of chlorinated solvent-impacted soils;
- Collected samples of known, suspected, or potentially impacted media for laboratory analysis, including:
    - Soils in interior and exterior excavations to confirm contaminant levels in remaining soils;
    - Stockpiles of impacted and non-impacted materials in accordance with CIDWP requirements and to obtain landfill disposal approval or to demonstrate acceptability for on-site reuse;
    - Soil from supplemental exterior test borings performed in areas of known CVOC impacts, in accordance with the CIDWP;
    - Waters entering interior excavations or the elevator pit for characterization to obtain sewer discharge approval; and
    - Groundwater from monitoring wells for remedial program monitoring.
- Designed and oversaw installation of a piping system beneath the building to facilitate injection of a carbon substrate material as part of the enhanced reductive dechlorination (ERD) groundwater remediation program;
- Designed and oversaw installation of a vapor barrier and a sub-slab depressurization system (SSDS) to mitigate the potential for soil vapor intrusion (SVI) into the building;
- Facilitated waste profile preparation and landfill approval for disposal of impacted soils; and
- Performed injection of a sodium lactate solution to provide the carbon substrate for the ERD groundwater remediation program.

Based on observations and sampling data from the RI and IRM programs, contamination remained in subsurface soils and groundwater at the Site:

- Interior Soils - Although the majority of impacted soil was removed from the basement during several phases of excavation, occasional indications of remaining contamination, specifically in the atrium area, in the form of minor staining or low-level photoionization detector (PID) readings were observed. Accordingly, the potential for impacted soil to be encountered in the basement still existed. As noted above, the SSDS was installed to mitigate the potential for sub-slab vapors to enter the building.
- Exterior Soils - Virtually all the exterior areas south of the building were excavated for driveway and parking lot construction, sidewalk and landscape area development or utility installation. In all these areas, a demarcation layer (filter fabric or Geogrid) was placed at the base of the excavations prior to placing backfill soils or other materials (clean backfill soil/topsoil, concrete, paving stones or asphalt). Breaching and replacement of the cover system during the cooling tower excavation activities is described in Section 5.
- Groundwater – Groundwater monitoring events conducted after the sodium lactate injection described above indicated that the parent volatile organic compounds (VOCs) tetrachloroethylene (PCE) and trichloroethylene (TCE) were degrading into the daughter compounds of the cis- and trans- isomers of 1,2-dichloroethylene (1,2-DCE) and vinyl chloride (VC); however, concentrations remained above groundwater standards for some wells.

  A supplemental ERD injection was performed at the Site in November 2015. Over 16,500 gallons of a 20,000 milligrams per liter (mg/L) sodium lactate and water solution were injected into the nine horizontal sub-slab injection legs and into groundwater monitoring wells RW-4 and B102-MW located south of the building. The supplemental injection improved the groundwater geochemistry conditions needed to promote the ERD process. Consequently, CVOC concentrations continued to exhibit long-term patterns of declining or stable concentrations at most of the wells.

1.2 Site Management Requirements

Site management activities were implemented in accordance with the NYSDEC-approved Site Management Plan (SMP; December 2014). The SMP includes the following required Institutional Controls (ICs) and Engineering Controls (ECs):

- The property uses are limited to *Restricted Residential, Commercial and Industrial* as described in 6 New York Codes, Rules, and Regulations (NYCRR) Part 375-1.8(g)(2)(ii-iv) as long as the following long-term controls are employed:
  - Continuous SSDS operation to mitigate the potential for SVI.
  - Groundwater extraction and *ex-situ* treatment in the form of operation of the elevator pit sump pump and effluent discharge to a sanitary sewer for treatment at an approved publicly owned treatment works (POTW).
  - Maintenance of the soil cover system, building floor slabs, and sub-slab vapor barrier. NYSDEC approval must be obtained in advance for activities which breach impervious surfaces or disturb soils on the Site, and those activities must be performed in accordance with the SMP.

  - Maintaining intact and undisturbed the components of the in-situ groundwater remediation system, which includes piping installed beneath the building slab and exterior piping portals located immediately to the south of the building.
  - A prohibition on the use of groundwater underlying the property (other than for sampling for monitoring purposes) without necessary water quality treatment to render it safe for use for its intended, non-potable industrial purpose, as determined by the New York State Department of Health (NYSDOH) or the Monroe County Department of Health. The user must first notify and obtain written approval to do so from the NYSDEC. Groundwater is prohibited from use as a potable water supply within the City of Rochester limits.
- The Site may not be used for purposes with a higher level of use, such as *Unrestricted* or *Residential,* without additional remediation and amendment of the NYSDEC-approved Environmental Easement.
- Deed Restrictions have been implemented to restrict land use to *Restricted Residential, Commercial, and Industrial* uses, restrict the use of groundwater, and prevent future exposure to any contaminants of concern remaining at the Site.
- Vegetable gardens and farming on the property are prohibited.
- Annually (or as otherwise directed by NYSDEC), CFSNA must certify to the Department as to the continued presence and effectiveness of the ICs/ECs described above.

The SMP specifies a program for monthly system performance monitoring of the SSDS. CFSNA employees perform routine monitoring including:

- Verifying normal system operating conditions and making observations of any abnormalities, whether visual, olfactory or auditory, with respect to the SSDS; and
- Verification and recording of blower operation and vacuum levels at SSDS fan manometers located in the fifth-floor utility room.

Data were recorded on the Monthly Monitoring Form provided in Appendix I of the SMP; the completed tabulation is provided as Table 1. Field logs from CFSNA are presented in Appendix B.

2 Effectiveness of the Remedial Program

2.1 Groundwater Sampling and Gauging

During the reporting period covered by this PRR, one annual groundwater sampling and gauging event was completed on September 5, 2024. The monitoring well network is depicted on Figure 2.

The following four wells were included in the annual sampling event: RW-2, RW-5R, RW-6, and B108-MW. As described in the 2024 PRR, monitoring well RW-5 was damaged beyond repair during sidewalk construction activities at the adjacent Canal Street BCP site prior to the annual sampling event performed in September of 2023, and required decommissioning. Replacement well RW-5R was installed, developed, and surveyed in December of 2023 and was first sampled in September of 2024 as part of the sampling program described in this section.

Results of the well gauging event and interpreted groundwater elevation contours are presented on Figure 3. Groundwater elevations measured at the three of the four sampled wells ranged from approximately 0.6 feet to 1.3 feet lower than observed in the previous year (excluding RW-5R which was gauged for the first time during this event). The lower groundwater table is likely attributed to lesser precipitation recorded in the months leading up to sampling in 2024 as compared to months preceding the previous (2023) annual sampling event. Table 2 summarizes groundwater elevations measured across the monitoring well network during the September 2024 sampling event and previous events.

Monitoring of groundwater geochemistry parameters indicates that anaerobic conditions favorable to degradation were present at each of the four sampled wells in 2024, with dissolved oxygen ranging from 0.23 mg/L to 0.32 mg/L. Reducing conditions were observed at one of the four sampled wells (RW-2), with oxidation-reduction potential (ORP) measurements ranging from 82.8 millivolts (mV) to -27.8 mV across the four wells. Table 3 summarizes water quality parameters recorded during the 2024 sampling event and previous events.

Analytical results from the 2024 sampling event in addition to previous year's groundwater sampling results are included in Table 4. The 2024 laboratory analytical report is included in Appendix C. Figure 4 presents graphs of concentrations of CVOCs over time for the currently-sampled wells. The groundwater sampling results are described below.

Analytical results from the September 2024 sampling event indicate that parent compounds PCE and TCE continue to degrade into daughter products cis- and trans-1,2-DCE and VC prior to destruction. Dissolved-phase concentrations of one or more Site CVOCs were above regulatory groundwater standards in the four sampled wells as follows:

- **RW-2:** One exceedance (cis-1,2-DCE) with a slightly higher concentration (12 µg/L) as compared to the 2023 result but well below the prior years.
- **RW-5R:** Four exceedances (PCE, TCE, cis-1,2-DCE, and VC) at concentrations reduced by half as compared to the 2023 results at decommissioned well RW-5. Well RW-5R is located on the

east side of the Litchfield Street right-of-way adjacent to the Canal Street BCP Site; elevated concentrations observed in RW-5 in 2023 may have been associated with construction and remediation activities at the adjacent Site.

- **RW-6:** Three exceedances (PCE, cis-1,2-DCE, and VC) at concentrations similar to results reported for this well in recent years.
- **B108-MW:** Two exceedances (PCE and cis-1,2-DCE) both of which only slightly exceed the standards and continue to decrease since 2022.

2.2 Sub-Slab Depressurization System Monitoring

The SSDS active parameters are monitored monthly by CFSNA. This includes collecting vacuum readings from the three system manometers and confirming that the fans are powered on. These observations are presented on Table 1 and a copy of the field log obtained from CFSNA is presented in Appendix B. Based on the data obtained, the fans remained powered on for the duration of this reporting period. Throughout the reporting period, the vacuum measured at the manometers remained between 2.0 and 2.4 inches of water column (IWC) for all three fans, which is consistent within the design operating parameters.

Monitoring of the six vacuum monitoring points (VMPs) located throughout the building (see locations on Figure 5) continued to occur at a quarterly frequency during this reporting period. A micro-manometer was used to measure the vacuum at each VMP. The data collected during these quarterly monitoring events are included in Table 5 and demonstrate that adequate vacuum (less than -0.002 IWC) was recorded at each VMP during the reporting period.

During the first quarter 2025 SSDS monitoring event, it was observed that the vacuum pressure at VMP-1 (which has historically yielded the lowest vacuum readings) was impacted by opening and closing the door to the adjacent stairwell. Readings fluctuated between -0.007 and 0.009 IWC. No further action is recommended at this time. The vacuum measurement fluctuations are interpreted to be impacted by the location of the monitoring point, which is situated in a vestibule between an emergency exit door and a building stairwell on the east side of the building, and its influence on the ambient pressure against which the sub-slab pressure is compared.

Stantec conducted the annual SSDS monitoring event on February 14, 2025. A PID was used to detect the presence of volatiles in effluent air from the SSDS exhaust risers on the roof of the building. The data collected during this monitoring event are included in Table 5, and the VMP vacuum readings are illustrated on Figure 5.

In addition to the data collected during the annual SSDS monitoring event in February 2025, the system components and building floor were inspected for visible cracks or audible indications of air leakage – none were noted. No cracks or leaks were observed in any accessible system components or in the building floor. No new penetrations were observed in the building floor.

While on-site at the location of VMP-6, Stantec was informed by maintenance staff that the diesel tank situated above VMP-6 was improperly filled two weeks prior, releasing less than 5 gallons of fuel onto the

floor. Maintenance staff were reported to have cleaned the floor immediately and no indications of this release were visible on the concrete floor. While testing the differential pressure at VMP-6, it was observed that some of this fuel had entered the annular space of the casing and was cleaned up using sorbent cloths. This annular space is sealed above the SSDS liquid boot liner, thus no further action is recommended at this time. Correspondence with NYSDEC with regards to VMP-6 is included in Appendix D.

2.3 Sump Sampling and Purge Water Discharge

Stantec collected quarterly samples from the sump located in the elevator pit which collects groundwater and discharges to the building sanitary drain line. A totalizing flow meter records the discharge volume.

Samples were collected during the second quarter of 2024 on May 14, 2024, the third quarter of 2024 on September 5, 2024, the fourth quarter of 2024 on December 4, 2024, and during the first quarter of 2025 on February 14, 2025. The sump samples were analyzed for halogenated VOCs as required by MCDES under the Site sewer use permit #IWC-996, which was renewed effective August 1, 2023. The analytical results for all four quarters included in this period of review were below permit discharge limits. VOCs have not been detected in sump samples since September 2014. Analytical results for the sump samples are summarized on Table 6 and the lab reports are included in Appendix C. A copy of the MCDES annual inspection report dated September 5, 2024 is presented in Appendix E.

In addition to the water pumped from the sump, Stantec also has routinely discharged groundwater purged during well sampling to the building sanitary discharge portal as outlined in the permit. Purge water from the annual groundwater monitoring event was sampled on September 5, 2024. The results were submitted to MCDES for review and approval prior to discharge on December 4, 2024. Analytical results for the purge water are also included on Table 6 with sump sample results. The lab report is included in Appendix C.

As of the February 14, 2025 inspection, a combined total of 12,029 gallons of elevator sump water and well sampling purge water had been discharged to the sanitary sewer since the long-term discharge permit (#IWC-996) was issued in 2014.

2.4 Site Inspection

An inspection of the Site, including the interior floors and exterior areas, did not reveal any evidence of significant cracking, damage, or disturbance to the Site cover materials. The interior inspection was performed as part of the annual SSDS monitoring activities in February 2025. The exterior inspection was performed at a later date due to snow cover at the time of the initial Quarter 1 site visit. Observations are summarized on an Annual Site Inspection Form included in Appendix E.

According to CFSNA, and in agreement with observations during the Annual Site Inspection, no intrusive work that disturbed the building floor slab or the exterior Site cover was undertaken during the current reporting period, other than the work related to the heating, ventilation, and air conditioning (HVAC) system improvements and cooling tower excavation activities as described in Section 5.

2.5 Compliance

Compliance with the SMP was maintained throughout the reporting period.

2.6 Recommendations

Groundwater Monitoring: No additional actions are recommended at this time other than continued groundwater sampling in a portion of the monitoring well network as residual CVOC presence is naturally attenuated. Based on results from the September 2024 annual sampling event and comments from NYSDEC on the 2024 PRR, Stantec recommends that groundwater sampling be continued at an annual frequency. The next groundwater monitoring event (third quarter of 2025) will include sampling at RW-2, RW-5R, RW-6, and B108-MW as well as gauging of the monitoring well network (excluding RW-12).

SSDS Monitoring: It is recommended that VMP measurements continue to be performed at a quarterly frequency. Coordination between CFSNA staff and Stantec will continue to document effective implementation of the SMP. Monthly fan readings by CFSNA are recommended to continue.

Reporting: It is recommended that the current annual PRR frequency be continued, with the next PRR to be issued April 2026.

3 Remedy Performance, Effectiveness, and Protectiveness

Based on the data obtained and observations made, the ECs appear to be performing correctly, and the ECs and ICs have been effective at maintaining conditions protective of human health and the environment for the continued *Restricted Residential* use of the Site. Furthermore, based on the SSDS monitoring events and related observations that took place during this reporting period, it appears that the SSDS continues to maintain sufficient vacuum influence beneath the building.

In accordance with the methodology and schedules provided in the SMP, the Injection Work Plan, the 2024 PRR, and the NYSDEC-approved groundwater sampling frequency, the following recommendations for future monitoring activities are proposed:

- Continued annual sampling at two on-site wells (RW-2 and B108-MW) and two off-site wells (RW-5R and RW-6);
- Continued annual well gauging of the monitoring well network (excluding RW-12);
- Monthly SSDS operation monitoring and quarterly vacuum measurement of the VMPs; and
- Quarterly sampling and analysis of the elevator sump. (Note that any well purging/sampling-related groundwater discharge to the sewer will also be done in accordance with the MCDES permit conditions.)

4 Compliance with IC/EC Requirements and the OM&M Plan

During the reporting period, compliance with required ICs and ECs has been maintained.

- Use of the Site has been limited to *Restricted Residential* uses.
- The SSDS operated continuously and achieved adequate sub-slab depressurization.
- The elevator sump pump continued to operate during the reporting period and pumped water to a sanitary sewer for treatment at an approved POTW.
- No groundwater use has occurred at the Site.
- Deed Restrictions are in place to restrict land use to *Restricted Residential, Commercial, and Industrial* uses, restrict the use of groundwater, and prevent future exposure to any contaminants of concern remaining at the Site.

IC/EC forms certifying to the NYSDEC the continued presence and effectiveness of the controls described above are presented in Appendix A.

Additionally, a *Request for Building Permit-Environmental Easement Review* form was submitted to NYSDEC by the City of Rochester on August 18, 2023 as part of the building permit acquisition process for upcoming ground-disturbing work. The form described the proposed scope of work involving exterior excavation and backfill for new utility line connections and installation of a new concrete dumpster pad. The building permit form and related correspondence are included in Appendix A. On March 7, 2024, Stantec submitted notification to NYSDEC of the upcoming ground-intrusive work scheduled for the week of March 18th (see Appendix A). The site management activities implemented during this project are described in Section 5.

Monthly SSDS monitoring has been performed by the CFSNA employees, including:

- Documenting normal system operating conditions and making observations of any abnormalities, visual, olfactory, or auditory, with respect to the system; and
- Recording of vacuum levels at fan manometers on the system control panel.

5 Cooling Tower Project Activities

Renovations to the Carriage Factory apartment building's HVAC system required exterior facility improvements including construction of a cooling tower system. Planned breaches of the cover system performed as part of this project consisted of: exterior excavations (approximately 4 feet deep) for utility lines, asphalt removal for a new dumpster pad, excavation box-out (approximately 18 inches deep) for a new concrete dumpster pad, and drilling of two new posts around the dumpster pad (approximately 4 feet deep).

NYSDEC was notified of the planned work on March 7, 2024, prior to beginning ground intrusive work on March 20, 2024. Exterior excavations took place in the landscaped areas immediately south of the building's southwest corner, under the staircase leading to Clark Alley, and along the western fence line of the property, bordering the existing storage building and dumpster pad. Hamilton Stern Construction and LG Evans were contracted by the Site Owner to perform the exterior excavation and backfilling activities. The work was performed in general accordance with the Excavation Work Plan (EWP) detailed in Appendix B of the Site Management Plan (SMP), and was completed over the course of eight days from March 20, 2024 to April 17, 2024. Documentation of required notifications to and approvals from NYSDEC related to this Site project are included in Appendix F

5.1 Overview of Field Activities

Environmental monitoring was performed by on-site Stantec personnel during soil excavation and backfilling activities. Consistent with the NYSDEC notification referenced above, cover system soils above a visible demarcation barrier were removed first and containerized on-site in a designated roll-off for reuse as cover system material. Soils excavated below the cover system demarcation fabric (where present) was observed to be light brown silty sand with pockets of clay. Excavated materials were screened for impacts by Stantec field staff using a PID and observed for potential visual or olfactory indications of VOC impacts, and containerized in a separate roll-off for reuse as backfill beneath the cover system. In the absence of a demarcation layer or where the contact was indiscernible, excavated materials were added to the lined roll-off container with material that was excavated below encountered demarcation fabric; follow-up sampling to confirm suitability for reuse as cover system material is described in Section 5.4. No impacts to subsurface materials were observed during field screening procedures. Groundwater was not encountered during the excavation. A photo log documenting the excavation area prior to, during, and following the completion of work is provided in Appendix F.

5.2 Community Air Monitoring

Stantec performed community air monitoring during excavation and backfilling activities in accordance with Community Air Monitoring Plan (CAMP) as described in Appendix F of the SMP. On March 18, 2024, Stantec was granted approval by NYSDEC to reduce CAMP to include only particulate monitoring during backfilling activities since no contamination was encountered during the excavation. Due to the absence of observed impacts, and following NYSDEC approval, the modified CAMP approach was implemented during backfilling activities.

No air monitoring exceedances related to the ground-intrusive work were recorded during excavation activities. One instance of temporarily elevated particulate concentrations was of note on April 16, 2024 and was caused by a resident smoking in proximity to the downwind air monitoring unit. Maps showing the upwind and downwind station locations, handwritten logs, and instrument-recorded VOC and particulate concentrations are included in Appendix F.

5.3 Imported Materials

A total of 3.35 tons of #1 and #2 blend washed stone (see Appendix F) was imported to the Site and used as backfill under the staircase prior to the replacement of the concrete step. A Request to Import form was submitted to NYSDEC for review on April 3, 2024, and approved by NYSDEC on April 9, 2024. The form, associated attachments, imported material receipt, and regulatory correspondence related to the imported materials is presented in Appendix F.

No additional soil or stone was imported to the Site.

5.4 Soil Re-Use

The notification of work previously submitted to NYSDEC and their approval of Stantec's approach for excavation oversight had assumed the demarcation fabric would be present and could be visually identified. In the absence of an observed demarcation layer between Clark Alley and the utility area, Stantec could not visually identify the vertical soil contact between the soil cover system and the potentially underlying impacted materials. Moving southward, away from the fence line, there were areas where the demarcation layer was subsequently encountered, but due to the sloping topography and conditions of excavation, it was difficult to segregate as the trenching in that area progressed. Due to the conditions encountered as described above, a portion of the excavated materials required testing to demonstrate suitability for reuse above the demarcation layer as cover system. The material containerized from onsite excavation work being evaluated for reuse as approved soil cover system material was described as apparently native [reworked] light brown sandy silt with no visual, olfactory, or PID indications of impact.

Four samples (three grab samples for VOC analyses and one five-point composite sample for other parameters, as listed below) were collected and shipped to the Eurofins Environment Testing laboratory in Amherst, NY ("Eurofins Buffalo") for the following analyses:

- VOCs by Environmental Protection Agency (EPA) method 8260C
- SVOCs by EPA method 8270D
- TAL Metals by EPA methods 6010C and 7471B
- Total Cyanide by EPA method 9012B
- PCBs by EPA method 8082A
- Pesticides by EPA method 8081B
- Herbicides by EPA method 8151A

Results were compared to Part 375 SCOs for Restricted Residential Use and Protection of Groundwater. No exceedances of SCOs for potential contaminants of concern were identified. The Request to Reuse

Soil form was submitted to NYSDEC for review on April 9, 2024, and approved by NYSDEC on April 9, 2024. The form, associated lab report, and regulatory correspondence related to the replacement soil cover system material is presented in Appendix F.

5.5 Restoration of Cover System

Backfilling of the trench began on March 29, 2024 and was completed on April 17, 2024. Stantec was on-site for the duration of backfilling activities to implement the modified CAMP, as described in Section 5.2, and oversee the reinstallation of the demarcation layer and approved soil cover system material placement. Stockpiled material that had been excavated from below the cover system was returned to the ground below the demarcation layer after field screening and visual/olfactory observations did not indicate impact. Orange construction fencing was approved by NYSDEC for use as the demarcation layer to facilitate future identification of this vertical contact. At least 2 feet of previously excavated cover system material, including material from above the encountered demarcation layer and material approved for reuse, was placed above the demarcation layer to restore the soil cover system. Mulch was placed to restore the landscaped area to its pre-excavation conditions.

SMP Figure 9, depicting exterior area demarcation layer and remaining contamination extents, has been updated to reflect the soil cover areas restored during the excavation activities and are now vertically demarcated by orange construction fencing. The revised figure is presented in Appendix F and will also be appended to the SMP.

5.6 Exported Materials

No materials were exported off-site as part of the excavation activities.

6 Overall Conclusions and Recommendations

Overall, the ECs and ICs have been effective at maintaining conditions protective of human health and the environment for the continued *Restricted Residential* use of the Site. During the reporting period, compliance with required ECs and ICs, including the SMP, has been maintained.

Based on the results from the annual groundwater sampling event, no additional actions are recommended at this time other than continued annual groundwater sampling in a portion of the monitoring well network (RW-2, RW-5R, RW-6, and B108-MW) and annual gauging of the monitoring wells included in the network (excluding RW-12). Groundwater monitoring is recommended to continue in accordance with the methodology outlined in the SMP and the Injection Work Plan.

The elevator sump will continue to be sampled on a quarterly basis as required by the MCDES permit.

It is recommended that monitoring of sub-slab vacuum levels at the six VMPs continue on a quarterly frequency. CFSNA employees will continue their monthly monitoring of the fan manometers and SSDS system operating conditions and submit this data to Stantec for review.

Annual PRRs have been prepared and issued for the Site since 2016. It is recommended that the current annual PRR frequency be continued.

TABLES

Table 1
Monthly Monitoring of the Sub-Slab Depressurization System
Former Carriage Factory
33 Litchfield Street, Rochester, NY

Date	Operator	Vacuum (inches Water Column)			Pilot Light ON (Y or N)[1]			Additional Notes (Abnormal conditions such as hot fan housings, vibrations, unusual noises, etc)
		FAN-1 (west)	FAN-2 (center)	FAN-3 (east)	FAN-1 (west)	FAN-2 (center)	FAN-3 (east)	
03/01/24	DePaul	2.4	2.4	2.1	Y	Y	Y	
04/01/24	DePaul	2.3	2.3	2.1	Y	Y	Y	
05/02/24	DePaul	2.1	2.3	2.0	Y	Y	Y	
05/14/24	Stantec	2.1	2.2	2.0	Y	Y	Y	
06/04/24	DePaul	2.1	2.3	2.0	Y	Y	Y	
07/04/24	DePaul	2.1	2.3	2.1	Y	Y	Y	
08/01/24	DePaul	2.1	2.2	2.0	Y	Y	Y	
09/03/24	DePaul	2.2	2.3	2.1	Y	Y	Y	
09/05/24	Stantec	2.2	2.3	2.0	Y	Y	Y	
10/01/24	DePaul	2.1	2.3	2.1	Y	Y	Y	
11/01/24	DePaul	2.2	2.3	2.1	Y	Y	Y	
12/03/24	DePaul	2.3	2.3	2.1	Y	Y	Y	
12/04/24	Stantec	2.2	2.4	2.1	Y	Y	Y	
01/04/25	DePaul	2.4	2.3	2.0	Y	Y	Y	
02/04/25	DePaul	2.3	2.3	2.0	Y	Y	Y	
02/14/25	Stantec	2.4	2.4	2.1	Y	Y	Y	

Notes:

1. If one or more pilot lights are OFF, contact Stantec immediately at 585-413-5327

Table 2
Summary of Groundwater Elevations
Former Carriage Factory
33 Litchfield Street, Rochester, NY

Well designation	Top of Casing Elevation[1]	Date of Gauging Event														
		3/27/14	5/28/2014	7/2/2014	8/7/2014	10/29/2014	2/4/2015	5/4/2015	8/12/2015	2/1/2016	5/3/2016	8/9/2016	2/14/2017	8/14/2017	2/1/2018	8/9/2018
RW-1	519.23	513.03	513.21	512.60	510.69	512.51	512.50	513.12	512.98	513.15	512.18	511.62	513.03	512.56	513.23	512.24
RW-2	516.46	513.08	513.01	512.74	512.96	512.43	512.57	512.98	512.81	513.02	513.01	511.73	513.03	512.24	512.91	511.26
RW-3	516.47	513.34	513.37	512.97	513.73	512.74	512.83	513.40	512.99	513.35	513.55	510.91	513.34	512.72	513.52	512.12
RW-4	519.18	510.22	510.45	512.50	513.03	513.43	513.60	514.85	514.73	514.83	515.89	511.48	515.95	514.43	515.78	513.53
RW-5R[2]	516.16															
RW-6	518.87	512.64	512.74	512.13	515.87	511.87	512.06	511.52	512.38	512.30	512.49	510.15	512.74	511.67	512.77	511.27
RW-7	519.58	512.98	512.91	512.13	514.34	511.85	512.14	512.90	512.40	512.69	512.74	509.73	512.98	511.08	512.93	nr
RW-9	524.09	513.84	513.66	512.77	519.04	512.36	512.69	513.85	513.04	514.07	513.59	510.88	514.44	512.76	514.54	511.89
RW-12	517.14	508.65	510.79	510.15	510.90	510.42	510.75	511.21	510.73	510.65	510.64	508.14	511.54	510.92	510.59	nr
B102-MW	518.51	507.60	510.00	509.01	509.97	512.25	512.54	513.61	513.15	513.75	514.10	510.67	514.39	512.53	514.46	511.88
B106-MW	516.97	513.22	512.91	512.28	513.47	512.62	512.74	513.45	512.69	513.79	513.92	510.80	513.97	512.07	513.67	510.87
B108-MW	516.43	513.66	513.53	512.67	513.69	512.50	508.92	513.88	513.19	514.12	514.08	510.98	514.34	512.80	514.43	511.93

Abbreviations
ng = not gauged
nr = not recorded

Notes:
1. Except for RW-5R, which was surveyed after it was completed in 2024 (see Note 2), top of casing elevations derived from the most recent survey data (2015); top of casing elevations reported in PRRs issued prior to 2024 were derived from the Remedial Investigation Report, which was issued prior to well surface finishes and final survey.
2. Monitoring well RW-5 was found to be damaged during the annual groundwater sampling event in September 2023. Replacement well RW-5R was installed and sampled in 2024.
3. Monitoring well RW-12 was inaccessible during the annual groundwater sampling event in September 2023 and was therefore not gauged.
4. Monitoring well RW-12 was not able to be located during the annual groundwater sampling event in September 2024 and was therefore not gauged.

Table 2
Summary of Groundwater Elevations
Former Carriage Factory
33 Litchfield Street, Rochester, NY

Well designation	Top of Casing Elevation[1]	Date of Gauging Event					
		6/11/2019	8/19/2020	9/21/2021	9/13/2022	9/12/2023	9/5/2024
RW-1	519.23	512.88	512.11	512.13	nr	512.41	512.02
RW-2	516.46	512.71	511.67	511.94	511.37	512.11	511.07
RW-3	516.47	513.16	512.37	512.49	nr	nr	511.79
RW-4	519.18	514.69	514.00	513.26	nr	514.17	512.56
RW-5R[2]	516.16						508.72
RW-6	518.87	511.67	511.42	511.62	510.78	511.14	510.47
RW-7	519.58	511.30	511.12	511.64	nr	511.30	510.56
RW-9	524.09	513.30	512.02	512.35	nr	512.60	511.38
RW-12	517.14	510.71	nr	nr	nr	ng[3]	ng[4]
B102-MW	518.51	513.30	511.95	512.10	nr	508.63	511.11
B106-MW	516.97	512.66	511.45	512.02	nr	512.31	511.04
B108-MW	516.43	513.48	512.10	512.33	512.01	512.64	511.34

Abbreviations:
ng = not gauged
nr = not recorded

Notes:
1. Except for RW-5R, which was surveyed after it was completed in 2024 (see Note 2), top of casing elevations derived from the most recent survey data (2015); top of casing elevations reported in PRRs issued prior to 2024 were Remedial Investigation Report, which was issued prior to well surface finishes and final survey.
2. Monitoring well RW-5 was found to be damaged during the annual groundwater sampling event in September 2023. Replacement well RW-5R was installed and sampled in 2024.
3. Monitoring well RW-12 was inaccessible during the annual groundwater sampling event in September 2023 and was therefore not gauged.
4. Monitoring well RW-12 was not able to be located during the annual groundwater sampling event in September 2024 and was therefore not gauged.

Table 3
Summary of Groundwater Field Parameters
Former Carriage Factory
33 Litchfield Street, Rochester, NY

Sample Location		B108-MW																			
Purge Date		23-May-13	26-Mar-14	28-May-14	2-Jul-14	8-Aug-14	29-Oct-14	3-Feb-15	5-May-15	12-Aug-15	2-Feb-16	2-May-16	10-Aug-16	13-Feb-17	15-Aug-17	2-Feb-18	10-Aug-18	10-Jun-19	20-Aug-20	22-Sep-21	13-Sep-22	12-Sep-23	5-Sep-24
Purge Methodology		Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow
Purge Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Sample Date		23-May-13	26-Mar-14	28-May-14	2-Jul-14	8-Aug-14	29-Oct-14	3-Feb-15	5-May-15	12-Aug-15	2-Feb-16	2-May-16	10-Aug-16	13-Feb-17	15-Aug-17	2-Feb-18	10-Aug-18	10-Jun-19	20-Aug-20	22-Sep-21	13-Sep-22	13-Sep-22	5-Sep-24
Sampling Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Field Parameters	**Units**																						
Conductivity	mS/cm	0.95	1.06	1.05	1.27	1.22	1.22	1.49	1.04	1.39	1.52	1.36	3.209	1.26	1.93	0.876	1.481	1.316	1.54	1.73	2.22	1.30	1.60
Dissolved Oxygen	mg/L	0.13	0.13	0.10	0.18	0.13	0.31	0.00	0.06	0.11	0.11	0.18	0.32	0.48	0.07	0.25	0.43	0	0.05	0.07	0.30	0.27	0.23
Oxidation Reduction Potential	mV	29.1	137.1	-69.9	-216.0	-293.4	-354.1	-327.4	-241.5	-105.3	-330.3	-266.6	-283.3	-162.9	-104.6	12.6	-117.8	17.6	-41.8	-100.3	128.0	-65.0	36.5
pH	S.U.	7.15	7.04	7.21	7.04	7.02	7.08	7.68	7.01	7.10	7.00	7.07	7.67	7.08	7.13	6.87	7.12	6.87	6.98	7.17	7.07	6.91	7
Temperature	deg C	13.6	10.6	19.5	16.1	15.4	16.0	16.7	16.1	17.6	17.4	17.1	18.2	18.1	18.5	17.9	18.2	17.6	19.6	19.8	19.4	19.7	18.9
Turbidity	NTU	0.62	0.28	3.54	0.86	3.78	3.24	1.11	1.56	2.41	1.35	1.49	4.39	2.94	2.54	2.05	4.87	2.44	5.87	2.57	8.83	4.72	9.03
Volume Purged	gal	0.5	0.7	1.8	1.1	1.55	1.7	0.7	1.8	0.8	2.7	1.5	1.1	0.9	1.0	0.6	4.0	1.1	3.0	2.9	1.5	2.0	2.7

Sample Location		RW-2																					
Purge Date		21-May-13	26-Mar-14	29-May-14	1-Jul-14	8-Aug-14	29-Oct-14	3-Feb-15	5-May-15	12-Aug-15	2-Feb-16	2-May-16	10-Aug-16	13-Feb-17	15-Aug-17	2-Feb-18	10-Aug-18	10-Jun-19	20-Aug-20	22-Sep-21	13-Sep-22	12-Sep-23	5-Sep-24
Purge Methodology		Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Volumetric	Volumetric	Volumetric
Purge Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Bailer	Peristaltic
Sample Date		21-May-13	26-Mar-14	29-May-14	1-Jul-14	8-Aug-14	29-Oct-14	3-Feb-15	5-May-15	12-Aug-15	2-Feb-16	2-May-16	10-Aug-16	13-Feb-17	15-Aug-17	2-Feb-18	10-Aug-18	10-Jun-19	20-Aug-20	22-Sep-21	13-Sep-22	13-Sep-22	5-Sep-24
Sampling Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Bailer	Peristaltic
Field Parameters	**Units**																						
Conductivity	mS/cm	0.85	1.08	2.34	1.70	1.68	1.27	1.27	1.03	1.23	1.50	1.03	1.09	1.19	1.57	0.923	1.246	1.827	1.33	1.26	1.38	1.36	1.22
Dissolved Oxygen	mg/L	0.28	0.03	0.20	0.11	0.16	0.65	0.11	0.08	0.17	0.20	0.21	0.12	0.14	0.73	0.36	0.49	4.96	0.31	0.19	3.09	3.86	0.30
Oxidation Reduction Potential	mV	-30.3	156.8	-171.5	-172.0	-292.5	-286.4	-152.2	-326.1	-111.8	-284.7	-140.9	-237.5	-103.7	192.4	-40.1	-114.6	90.7	-21.7	-92.2	82.8	-29.5	-27.8
pH	S.U.	7.36	7.11	6.94	7.56	6.93	7.52	7.61	7.09	7.31	7.12	7.05	7.37	7.04	7.08	6.91	7.3	7.48	7.17	7.31	7.5	7.14	7.02
Temperature	deg C	12.7	7.2	16.8	16.8	14.9	16.0	15.6	16.2	18.1	16.8	17.2	18.0	16.5	18.7	17.0	18.3	18.9	19.1	18.9	19.8	19.4	18.6
Turbidity	NTU	5.23	3.81	7.53	2.34	1.71	3.71	2.92	1.45	6.71	4.97	2.1	5.29	3.2	6.96	2.62	32.30	0.18	12.0	10.22	36.00	48.60	OVER
Volume Purged	gal	1.2	0.8	1.4	0.3	1.15	0.6	1.0	1.0	1.0	1.8	0.6	2.3	1.6	0.8	1.9	1.5	1.5	1.3	1.7	4.9	3.0	3.2

Sample Location		RW-5																			RW-5R
Purge Date		21-May-13	27-Mar-14	29-May-14	2-Jul-14	7-Aug-14	28-Oct-14	3-Feb-15	4-May-15	13-Aug-15	1-Feb-16	3-May-16	10-Aug-16	14-Feb-17	14-Aug-17	1-Feb-18	9-Aug-18	11-Jun-19	19-Aug-20	21-Sep-21	13-Sep-22	5-Sep-24
Purge Methodology		Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow
Purge Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Sample Date		21-May-13	27-Mar-14	29-May-14	2-Jul-14	7-Aug-14	28-Oct-14	3-Feb-15	4-May-15	13-Aug-15	1-Feb-16	3-May-16	10-Aug-16	14-Feb-17	14-Aug-17	1-Feb-18	9-Aug-18	11-Jun-19	19-Aug-20	21-Sep-21	13-Sep-22	5-Sep-24
Sampling Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Field Parameters	**Units**																					
Conductivity	mS/cm	0.89	1.08	1.40	1.86	1.20	1.01	1.00	1.02	1.08	1.27	1.01	1.98	0.00	1.26	0.908	1.679	1.308	0.70	1.12	2.03	2.06
Dissolved Oxygen	mg/L	0.28	0.00	0.06	0.19	0.08	0.43	0.00	0.39	0.22	0.09	0.57	0.11	11.07	0.11	0.36	0.94	0	0.08	0.09	0.13	0.28
Oxidation Reduction Potential	mV	-2.3	74.7	-95.6	-137.8	-170.0	-164.1	-269.2	-230.4	-142.5	-179.1	-169.2	-125.1	-43.6	50.7	-50.6	-131.9	-61.7	-86.4	-173.1	109.4	82.8
pH	S.U.	7.07	7.29	7.27	7.03	7.07	7.23	7.31	7.19	7.10	7.36	7.19	7.07	7.05	6.90	7.01	6.99	6.87	7.24	7.53	7.36	7.48
Temperature	deg C	16.2	5.7	22.8	17.3	19.9	17.5	5.2	11.6	17.1	10.5	10.9	19.4	7.3	18.5	9.0	20.0	14.7	20.4	19.9	19.2	19.1
Turbidity	NTU	2.98	1.22	7.10	1.88	3.89	1.77	3.60	6.21	6.10	6.25	4.88	2.67	10.50	4.01	26.9	8.5	4.08	15.0	11.34	30.70	2.23
Volume Purged	gal	1.1	3.2	0.5	1.2	1.5	0.8	1.4	0.9	2.0	1.8	1.0	2.2	1.1	1.5	0.6	1.7	0.7	1.2	1.0	0.8	1.8

Sample Location		RW-6																					
Purge Date		20-May-13	27-Mar-14	28-May-14	1-Jul-14	7-Aug-14	28-Oct-14	4-Feb-15	4-May-15	13-Aug-15	1-Feb-16	3-May-16	9-Aug-16	14-Feb-17	14-Aug-17	1-Feb-18	9-Aug-18	11-Jun-19	19-Aug-20	21-Sep-21	13-Sep-22	12-Sep-23	5-Sep-24
Purge Methodology		Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow	Low flow
Purge Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Sample Date		20-May-13	27-Mar-14	28-May-14	1-Jul-14	7-Aug-14	28-Oct-14	4-Feb-15	4-May-15	13-Aug-15	1-Feb-16	3-May-16	9-Aug-16	14-Feb-17	14-Aug-17	1-Feb-18	9-Aug-18	11-Jun-19	19-Aug-20	21-Sep-21	13-Sep-22	13-Sep-22	5-Sep-24
Sampling Method		Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic	Peristaltic
Field Parameters	**Units**																						
Conductivity	mS/cm	0.93	1.07	1.72	1.34	1.30	1.21	1.08	1.01	1.03	1.94	1.11	1.30	1.35	1.18	0.917	1.380	1.323	1.50	1.28	1.43	1.31	1.52
Dissolved Oxygen	mg/L	0.08	0.01	0.07	0.10	0.14	0.42	0.28	0.08	0.20	0.12	0.95	0.32	1.31	0.18	0.37	1.23	0.11	0.08	0.10	0.22	0.53	0.32
Oxidation Reduction Potential	mV	-10.6	138.3	-69.0	-136.7	-306.1	-134.8	-304.1	-252.4	-143.6	-117.7	47.2	-59.1	-89.6	81.4	-5.6	-65.9	-33.2	-24.8	-150.0	90.7	-59.7	0.2
pH	S.U.	7.13	7.33	7.03	6.91	7.00	7.06	7.22	7.14	7.15	6.96	7.10	7.12	7.07	7.07	6.95	7.22	6.92	7.01	7.69	7.14	6.80	7.01
Temperature	deg C	19.0	6.1	17.6	21.2	17.2	16.7	6.8	10.4	18.8	9.9	10.2	20.6	6.9	18.0	8.33	18.24	17.5	19.1	19.9	18.5	18.1	19.3
Turbidity	NTU	7.08[a]	5.46	7.48	4.83	4.79	1.03	4.76	4.62	3.01	4.68	6.46	13.9	64.8	2.64	5.15	18.0	2.96	4.25	3.71	10.88	3.98	4.84
Volume Purged	gal	1.3	1.1	1.2	0.7	1.0	0.7	1.2	2.0	1.8	1.5	1.0	1.5	0.6	1.2	1.5	1.5	3.2	1.8	1.5	1.9	1.9	2.2

See last page for Notes.

Table 3
Summary of Groundwater Field Parameters
Former Carriage Factory
33 Litchfield Street, Rochester, NY

Notes:

deg c degrees Celsius
gal gallons
mg/l milligrams per liter
mS/cm milliSiemens per centimeter
mV millivolts
NTU nephelometric turbidity unit
AU attenuation unit (equivalent to NTU)
S.U. standard units

[a] Sample turbidity measured approximately 10 minutes prior to sampling; subsequent measurements (-126 NTU) indicated that the turbidity meter was not functioning.
[b] Sample turbidity measured approximately 5 minutes prior to sampling; subsequent measurement (-0.02 NTU) indicated that the turbidity meter was not functioning.
[c] Turbidity meter was not functioning; groundwater was clear and did not have an odor.
[d] Due to a large drop in water level, RW-4 was purged and sampled by bailer (during the May 2015 event); parameters provided were not measured downhole.
[e] Turbidity measured in AU. Water was not becoming sufficiently clearer with purge activities.
[f] RW-4 reported data was collected directly prior to sampling after well had recharged following drying during purge; switched from low-flow to volumetric purge due to water level decline.

Parameter Average for All Wells Pre - Post Injection Comparison																				
Parameter	**Mar-14**	**May-14**	**Jul-14**	**Aug-14**	**Oct-14**	**Feb-15**	**May-15**	**Aug-15**	**Feb-16**	**May-16**	**Aug-16**	**Feb-17**	**Aug-17**	**Feb-18**	**Aug-18**	**Jun-19**	**Aug-20**	**Sep-21**	**Sep-22**	**Sep-23**	**Sep-24**
Conductivity	1.04	1.36	1.60	1.29	1.15	1.21	1.23	1.94	1.89	1.42	2.20	1.46	1.86	1.01	1.97	1.48	1.99	2.19	1.77	1.32	1.60
Dissolved Oxygen	0.55	0.57	0.33	0.34	0.56	0.15	0.40	0.29	0.26	0.68	0.28	1.73	0.34	0.71	0.74	1.44	0.37	0.38	0.94	1.55	0.28
ORP	117.55	-80.19	-173.91	-242.46	-172.97	-237.27	-220.33	-88.15	-212.08	-159.98	-113.81	-107.77	25.95	-6.56	-97.61	-13.18	-50.61	-121.04	102.73	-51.40	22.93
pH	7.17	7.19	7.11	7.07	7.20	7.29	7.09	7.12	7.11	7.12	7.22	7.07	7.02	7.00	7.12	6.98	7.05	7.43	7.27	6.95	7.13
Temperature	6.45	20.04	17.28	16.95	16.03	11.03	13.53	17.93	13.48	13.58	18.05	12.08	18.13	13.09	17.79	16.81	18.99	19.60	19.23	19.07	18.98
Turbidity	3.76	3.46	2.74	2.49	2.64	2.17	2.77	4.14	104.13	5.38	8.89	12.02	3.97	5.65	11.28	3.54	7.53	18.34	21.60	19.10	5.37
Volume Purged	1.15	1.48	1.20	1.32	1.19	1.31	2.07	1.24	1.93	1.07	1.57	0.95	1.30	1.43	2.02	1.80	1.56	1.57	2.26	2.30	2.44
	Baseline	***Month 1 Post Injection***	***Month 2 Post Injection***	***Month 3 Post Injection***	***Month 6 Post Injection***	***Month 9 Post Injection***	***Month 12 Post Injection***	***Month 15 Post Injection***	***Month 3 Post Supplemental Injection***	***Month 6 Post Supplemental Injection***	***Month 9 Post Supplemental Injection***	***Month 15 Post Supplemental Injection***	***Month 21 Post Supplemental Injection***	***Month 27 Post Supplemental Injection***	***Annual 2018 Event***	***Annual 2019 Event***	***Annual 2020 Event***	***Annual 2021 Event***	***Annual 2022 Event***	***Annual 2023 Event***	***Annual 2024 Event***

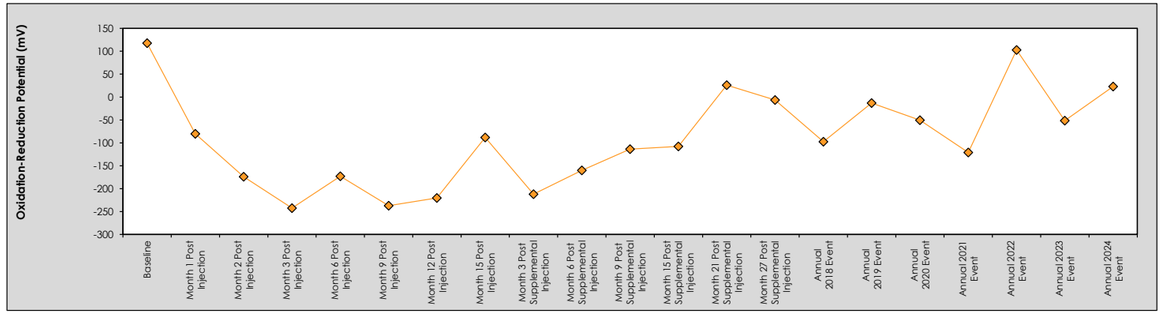


Table 4
Summary of Analytical Results in Groundwater - Sampled Wells
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Area			On-Site Building																			
Sample Location			B108MW																			
Sample Date			23-May-13	26-Mar-14	28-May-14	28-May-14	2-Jul-14	8-Aug-14	29-Oct-14	3-Feb-15	5-May-15	12-Aug-15	2-Feb-16	2-May-16	10-Aug-16	13-Feb-17	15-Aug-17	2-Feb-18	10-Aug-18	10-Jun-19	20-Aug-20	22-Sep-21	13-Sep-22
Sample ID			LI-B108MW-GW1	LI-B108-MW	LI-B108-MW-PI1	LI-MW-DUP-PI1	LI-B108-MW-PI2	LI-B108-MW-PI3	LI-B108-MW-PI6	LI-B108-MW-PI9	LI-B108-MW-PI12	LI-B108-MW-PI15	LI-B108-MW-PS3	LI-B108-MW-PS6	LI-B108-MW-PS9	LI-B108-MW-PS15	LI-B108-MW-PS21	LI-B108-MW-PS22	LI-B108-MW-PS23	LI-B108MW-PS41	LI-B108MW-PS42	LI-B108MW-Annual 2021	LI-B108MW-ANNUAL 2022
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	ALPHA
Laboratory Work Order			E2363	141138	142196	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400	183674	192608	203943	214297	L2250169
Laboratory Sample ID			E2363-02	141138-13	142196-04	142196-05	142794-12	143439-12	144730-12	150382-07	151696-13	153411-04	160464-08	161713-12	163436-12	170564-12	173804-12	180400-12	183674-10	192608-10	203943-10	214297-09	L2250169-01
Sample Type	Units	TOGS				Field Duplicate																	
General Chemistry																							
Total Organic Carbon	µg/L	n/v	-	3,300	60,300	60,200	86,100	72,200	45,000	18,100 J	1,700	3,400 J-	101,000	68,300	27,600	1,970	-	-	-	-	-	-	-
Total Organic Carbon	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.96	1.62	1.94	-	2.50	2.8	1.3
Volatile Organic Compounds																							
Acetone	µg/L	50[A]	25 U	10.0 U	10.0 U	10.0 U	6.04 J	8.49 J	10.0 U	6.51 J	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	5.5
Benzene	µg/L	1[B]	***5 U***	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.00 UJ	1.00 U	1.00 U	1.00 U	1.00 U	1.00 UJ	1.00 U	1.00 U	1.00 U	1.00 UJ	1.00 U	0.50 U
Bromodichloromethane	µg/L	50[A]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U MC	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	0.50 U
Bromoform (Tribromomethane)	µg/L	50[A]	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	2.0 U
Bromomethane (Methyl bromide)	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U MC	2.00 UJ	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U
Butylbenzene, n-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U
Butylbenzene, tert-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U
Carbon Disulfide	µg/L	60[A]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	5.0 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	0.50 U
Chlorobenzene (Monochlorobenzene)	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U
Chlorobromomethane	µg/L	5[B]	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	2.5 U
Chloroethane (Ethyl Chloride)	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U
Chloromethane	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	0.70 J
Cyclohexane	µg/L	n/v	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[B]	***5 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***10.0 U***	***2.5 U***
Dibromochloromethane	µg/L	50[A]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	10.4	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	0.50 U
Dichlorobenzene, 1,2-	µg/L	3[B]	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U
Dichlorobenzene, 1,3-	µg/L	3[B]	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U
Dichlorobenzene, 1,4-	µg/L	3[B]	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U
Dichlorodifluoromethane (Freon 12)	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	5.0 U
Dichloroethane, 1,1-	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U
Dichloroethane, 1,2-	µg/L	0.6[B]	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	0.50 U
Dichloroethene, 1,1-	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	0.50 U
Dichloroethene, cis-1,2-	µg/L	5[B]	**5.7[B]**	2.00 U	**11.0[B]**	**10.9[B]**	**23.2[B]**	4.99	1.96 J	1.87 J	1.49 J	2.10 J-	**11.8[B]**	**9.96[B]**	**6.08[B]**	**7.20[B]**	**5.90 J-[B]**	2.37	**5.98[B]**	1.43 J	3.09 J-	**5.70 J+[B]**	**12[B]**
Dichloroethene, trans-1,2-	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.04	1.37 J	2.00 U	1.42 J	2.00 U	2.00 UJ	2.00 U	2.00 U	1.10 J	2.00 U	1.03 J-	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	1.6 J
Dichloroethene-1,2- (sum)	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14 J
Dichloropropane, 1,2-	µg/L	1[B]	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	1.0 U
Dichloropropene, 1,3- (sum of isomers cis + trans)	µg/L	0.4[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	***0.50 U***
Dichloropropene, cis-1,3-	µg/L	0.4[B]	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U MC***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***0.50 U***
Dichloropropene, trans-1,3-	µg/L	0.4[B]	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***0.50 U***
Dioxane, 1,4-	µg/L	n/v	100 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U	20.0 U	20.0 UJ	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U	20.0 U	20.0 U R	10.0 U R	250 U
Ethylbenzene	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[B]	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.0 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[A]	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.0 U
Isopropylbenzene	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U
Isopropyltoluene, p- (Cymene)	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U
Methyl Acetate	µg/L	n/v	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.0 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50[A]	25 U	10.0 UJ	13.9	12.8	41.5 J	**63.8[A]**	22.9 J	23.0 J	10.0 U	10.0 UJ	16.3	9.02 J	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	5.0 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.0 U
Methyl tert-butyl ether (MTBE)	µg/L	10[A]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U
Methylcyclohexane	µg/L	n/v	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	10 U
Methylene Chloride (Dichloromethane)	µg/L	5[B]	5 U	4.93 JB	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	2.5 U
Naphthalene	µg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U
Propylbenzene, n-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U
Styrene	µg/L	5[B]	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	2.5 U
Tetrachloroethane, 1,1,2,2-	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	0.50 U
Tetrachloroethene (PCE)	µg/L	5[B]	**15.9[B]**	**6.45[B]**	**10.1[B]**	**9.75[B]**	**10.7[B]**	**9.63[B]**	**10.4[B]**	**6.73[B]**	**14.4[B]**	**9.41 J-[B]**	**5.17[B]**	4.45	2.00 U	1.54 J	2.00 UJ	**8.76[B]**	**5.66[B]**	**8.34[B]**	**5.40 J-[B]**	4.18 J+	**7.3[B]**
Toluene	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U
Trichlorobenzene, 1,2,3-	µg/L	5[B]	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	2.5 U
Trichlorobenzene, 1,2,4-	µg/L	5[B]	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	2.5 U
Trichloroethane, 1,1,1-	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U
Trichloroethane, 1,1,2-	µg/L	1[B]	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***1.5 U***
Trichloroethene (TCE)	µg/L	5[B]	**8.5[B]**	1.05 J	4.17	4.15	4.21	1.65 J	4.04	2.93	2.72	2.12 J-	**6.57[B]**	4.95	2.00 U	3.26	2.23 J-	3.42	2.57	2.04	1.51 J-	1.72 J+	1.5
Trichlorofluoromethane (Freon 11)	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U
Trimethylbenzene, 1,2,4-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U
Trimethylbenzene, 1,3,5-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	µg/L	2[B]	***5 U***	2.00 U	**2.75[B]**	**2.61[B]**	**10.2[B]**	**14.6[B]**	**4.23[B]**	2.00 U	2.00 U	**2.37 J-[B]**	**9.05[B]**	**3.71 NJ[B]**	**11.1 NJ[B]**	**3.51[B]**	**5.36 J-[B]**	2.00 U	**2.36[B]**	2.00 U	2.00 UJ	1.98 J+	2.0
Xylene, m & p-	µg/L	5[B]	***10 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U
Xylene, o-	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U
Xylenes, Total	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U
Total VOC	µg/L	n/v	30.1	12.43	41.92	40.21	97.89	104.53	53.93	42.46	18.61	16 J-	48.89	32.09	18.28	15.51	14.52 J-	14.55	16.57	11.81	10.00 J-	13.58 J+	44.6

See notes on last page.

Table 4
Summary of Analytical Results in Groundwater - Sampled Wells
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Area			On-Site Building			On-Site Building																					
Sample Location			B108MW			RW-2																					
Sample Date			12-Sep-23	12-Sep-23	5-Sep-24	23-Mar-12	21-May-13	26-Mar-14	29-May-14	1-Jul-14	8-Aug-14	29-Oct-14	3-Feb-15	5-May-15	12-Aug-15	2-Feb-16	2-May-16	10-Aug-16	13-Feb-17	15-Aug-17	2-Feb-18	10-Aug-18	10-Jun-19	20-Aug-20	22-Sep-21	13-Sep-22	12-Sep-23
Sample ID			LI - B108MW - Annual 2023	LI - FD - Annual 2023	LI-B108-MW-ANNUAL2024	RW-2	LI-RW-2-GW1	LI-RW-2	LI-RW-2-PI1	LI-RW-2-PI2	LI-RW-2-PI3	LI-RW2-PI6	LI-RW-2-PI9	LI-RW-2-PI12	LI-RW-2-PI15	LI-RW-2-PS3	LI-RW-2-PS6	LI-RW-2-PS9	LI-RW-2-PS15	LI-RW-2-PS21	LI-RW-2-PS22	LI-RW2-PS23	LI-RW2-PS41	LI-RW2-PS42	LI-RW2-Annual 2021	LI-RW2-ANNUAL 2022	LI - RW2 - Annual 2023
Sampling Company			STANTEC	STANTEC	STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	ERF	PARAROCH	CCGE	PARAROCH	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	ALPHA	PARAROCH
Laboratory Work Order			234187	234187	480-223156-1	12:1239	E2314	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400	183674	192608	203943	214297	L2250169	234187
Laboratory Sample ID			234187-01	234187-05	480-223156-1	12:1239-02	E2314-03	141138-02	142196-10	142794-07	143439-02	144730-02	150382-02	151696-02	153411-02	160464-10	161713-02	163436-02	170564-02	173804-02	180400-02	183674-08	192608-02	203943-02	214297-01	L2250169-02	234187-02
Sample Type	Units	TOGS		Field Duplicate																							
General Chemistry																											
Total Organic Carbon	µg/L	n/v	-	-	-	-	-	3,200	553,000	150,000	259,000	23,900	9,800	2,700	10,100	81,100	5,520	7,970	1,900	-	-	-	-	-	-	-	-
Total Organic Carbon	mg/L	n/v	0.99	1.1	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.73	1.93	4.43	-	5.12	4.7	3.6	1.5
Volatile Organic Compounds																											
Acetone	µg/L	50[A]	2.30 J	2.60 J	10 U	10.0 U	**160[A]**	10.0 U	32.4	19.4	9.47 J	10.0 U	10.0 UJ	10.0 U	10.0 U	7.44 J+	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 U	5.11 J	10.0 U	10.0 U	8.1	3.80 J
Benzene	µg/L	1[B]	0.5 U	0.5 U	1.0 U	0.700 U	***5 U***	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 UJ	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	0.50 U	0.5 U
Bromodichloromethane	µg/L	50[A]	0.5 U	0.5 U	1.0 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	0.50 U	0.5 U
Bromoform (Tribromomethane)	µg/L	50[A]	2 U	2 U	1.0 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.0 U	2 U
Bromomethane (Methyl bromide)	µg/L	5[B]	2.5 U	2.5 U	1.0 U	2.00 U	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.5 U	2.5 U
Butylbenzene, n-	µg/L	5[B]	2.5 U	2.5 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	2.5 U
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[B]	2.5 U	2.5 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	2.5 U
Butylbenzene, tert-	µg/L	5[B]	2.5 U	2.5 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	2.5 U
Carbon Disulfide	µg/L	60[A]	5 U	5 U	1.0 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.0 U	5 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	0.5 U	0.5 U	1.0 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	0.50 U	0.5 U
Chlorobenzene (Monochlorobenzene)	µg/L	5[B]	2.5 U	2.5 U	1.0 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.5 U	2.5 U
Chlorobromomethane	µg/L	5[B]	2.5 U	2.5 U	-	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.5 U	2.5 U
Chloroethane (Ethyl Chloride)	µg/L	5[B]	2.5 U	2.5 U	1.0 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1.1 J	2.5 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	10.0 U R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[B]	2.5 U	2.5 U	1.0 U	2.00 U	0.67 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.5 U	2.5 U
Chloromethane	µg/L	5[B]	0.760 J	3.00	1.0 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.5 U	2.5 U
Cyclohexane	µg/L	n/v	10 U	10 U	1.0 U	-	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10 U	10 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[B]	***2.5 U***	***2.5 U***	***1.0 U***	-	***5 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***2.5 U***	***2.5 U***
Dibromochloromethane	µg/L	50[A]	0.5 U	0.5 U	1.0 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	0.50 U	0.5 U
Dichlorobenzene, 1,2-	µg/L	3[B]	2.5 U	2.5 U	1.0 U	2.00 U	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.5 U	2.5 U
Dichlorobenzene, 1,3-	µg/L	3[B]	2.5 U	2.5 U	1.0 U	2.00 U	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.5 U	2.5 U
Dichlorobenzene, 1,4-	µg/L	3[B]	2.5 U	2.5 U	1.0 U	2.00 U	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.5 U	2.5 U
Dichlorodifluoromethane (Freon 12)	µg/L	5[B]	5 U	5 U	1.0 U	-	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.0 U	5 U
Dichloroethane, 1,1-	µg/L	5[B]	2.5 U	2.5 U	1.0 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.5 U	2.5 U
Dichloroethane, 1,2-	µg/L	0.6[B]	0.5 U	0.5 U	***1.0 U***	***2.00 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	0.50 U	0.5 U
Dichloroethene, 1,1-	µg/L	5[B]	2.5 U	2.5 U	1.0 U	2.00 U	1 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1.2	2.5 U
Dichloroethene, cis-1,2-	µg/L	5[B]	**5.10[B]**	**5.40[B]**	**8.1[B]**	**26.6[B]**	**360 D[B]**	**38.8[B]**	**55.7[B]**	**51.3[B]**	**23.6[B]**	**87.7[B]**	4.37	2.00 U	**7.61[B]**	2.00 U	2.00 U	4.18	2.00 U	**5.89 J-[B]**	2.00 U	**16.9[B]**	2.00 U	**38.4[B]**	**14.2 J+[B]**	**93[B]**	1.40 J
Dichloroethene, trans-1,2-	µg/L	5[B]	0.820 J	0.900 J	1.0 U	2.43	**11.4[B]**	2.39	3.06	2.50	3.57	**12.8[B]**	2.00 U	1.17 J	1.32 J	2.00 U	2.00 U	3.40	2.00 U	2.00 UJ	2.00 U	1.95 J	2.00 U	3.23	1.04 J+	**17[B]**	2.5 U
Dichloroethene-1,2- (sum)	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	110	-
Dichloropropane, 1,2-	µg/L	1[B]	1 U	1 U	1.0 U	***2.00 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	1.0 U	1 U
Dichloropropene, 1,3- (sum of isomers cis + trans)	µg/L	0.4[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	***0.50 U***	-
Dichloropropene, cis-1,3-	µg/L	0.4[B]	***0.5 U***	***0.5 U***	***1.0 U***	***2.00 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***0.50 U***	***0.5 U***
Dichloropropene, trans-1,3-	µg/L	0.4[B]	***0.5 U***	***0.5 U***	***1.0 U***	***2.00 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***0.50 U***	***0.5 U***
Dioxane, 1,4-	µg/L	n/v	250 U	250 U	-	-	100 U	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U	20.0 U	20.0 UJ	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U	20.0 U	20.0 U R	10.0 U R	250 U	250 U
Ethylbenzene	µg/L	5[B]	2.5 U	2.5 U	1.0 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.5 U	2.5 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[B]	***2 U***	***2 U***	***1.0 U***	-	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.0 U***	***2 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[A]	5 U	5 U	5.0 U	5.00 U	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.0 U	5 U
Isopropylbenzene	µg/L	5[B]	2.5 U	2.5 U	1.0 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.5 U	2.5 U
Isopropyltoluene, p- (Cymene)	µg/L	5[B]	2.5 U	2.5 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	2.5 U
Methyl Acetate	µg/L	n/v	2 U	2 U	2.5 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	3.03 NJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	2 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50[A]	5 U	5 U	10 U	10.0 U	**110[A]**	10.0 UJ	**175 NJ[A]**	29.3 J	38.1	10.2 J	10.0 UJ	10.0 U	10.0 U	27.0	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	5.0 U	5 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5 U	5 U	5.0 U	5.00 U	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.0 U	5 U
Methyl tert-butyl ether (MTBE)	µg/L	10[A]	2.5 U	2.5 U	1.0 U	-	2.4 J	1.08 J	1.61 NJ	2.00 U	1.92 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.28	2.00 U	2.00 UJ	2.00 U	2.30	2.00 U	1.16 J	2.00 U	0.91 J	2.5 U
Methylcyclohexane	µg/L	n/v	10 U	10 U	1.0 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	10 U	10 U
Methylene Chloride (Dichloromethane)	µg/L	5[B]	2.5 U	2.5 U	1.0 U	5.00 U	5 U	3.76 JB	5.00 U	5.00 U	5.00 U	**7.55[B]**	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.5 U	2.5 U
Naphthalene	µg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	-
Propylbenzene, n-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	-
Styrene	µg/L	5[B]	2.5 U	2.5 U	1.0 U	5.00 U	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.5 U	2.5 U
Tetrachloroethane, 1,1,2,2-	µg/L	5[B]	0.5 U	0.5 U	1.0 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	0.50 U	0.5 U
Tetrachloroethene (PCE)	µg/L	5[B]	**6.50[B]**	**6.60[B]**	**5.1[B]**	2.00 U	**110[B]**	4.44	3.08	1.42 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	0.21 J	0.5 U
Toluene	µg/L	5[B]	2.5 U	2.5 U	1.0 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.5 U	2.5 U
Trichlorobenzene, 1,2,3-	µg/L	5[B]	2.5 U	2.5 U	-	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	2.5 U	2.5 U
Trichlorobenzene, 1,2,4-	µg/L	5[B]	2.5 U	2.5 U	1.0 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	2.5 U	2.5 U
Trichloroethane, 1,1,1-	µg/L	5[B]	2.5 U	2.5 U	1.0 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.5 U	2.5 U
Trichloroethane, 1,1,2-	µg/L	1[B]	***1.5 U***	***1.5 U***	1.0 U	***2.00 U***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***1.5 U***	***1.5 U***
Trichloroethene (TCE)	µg/L	5[B]	1.40	1.50	1.4	**9.19[B]**	**76.4[B]**	**27.6[B]**	**21.5[B]**	**6.31[B]**	2.39	1.05 J	2.00 U	2.00 U	3.85	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	1.02 J	2.00 U	**5.9[B]**	0.320 J
Trichlorofluoromethane (Freon 11)	µg/L	5[B]	2.5 U	2.5 U	1.0 U	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.5 U	2.5 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5[B]	2.5 U	2.5 U	1.0 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.5 U	2.5 U
Trimethylbenzene, 1,2,4-	µg/L	5[B]	2.5 U	2.5 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	2.5 U
Trimethylbenzene, 1,3,5-	µg/L	5[B]	2.5 U	2.5 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	2.5 U
Vinyl Acetate	µg/L	n/v	-	-	-	5.00 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	µg/L	2[B]	0.800 J	0.850 J	1.0 U	2.00 U	**5.9[B]**	1.24 J	1.64 NJ	**7.48[B]**	**56.4[B]**	**23.9 NJ[B]**	1.17 NJ	2.00 U	1.33 J	2.00 U	2.00 U	**5.15 NJ[B]**	2.00 U	**2.45 J-[B]**	2.00 U	**2.22[B]**	2.00 U	**3.36[B]**	**4.91 J+[B]**	**18[B]**	0.720 J
Xylene, m & p-	µg/L	5[B]	2.5 U	2.5 U	-	2.00 U	***10 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.5 U	2.5 U
Xylene, o-	µg/L	5[B]	2.5 U	2.5 U	-	2.00 U	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.5 U	2.5 U
Xylenes, Total	µg/L	5[B]	-	-	2.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	-
Total VOC	µg/L	n/v	17.68	20.85	14.6	38.22	837.77	79.31	293.99	117.71	135.45	146.23	5.54	2.43	14.11	34.44	ND	15.01	ND	8.34 J-	ND	23.37	5.11	47.17	20.15 J+	255.42	6.24

See notes on last page.

Table 4
Summary of Analytical Results in Groundwater - Sampled Wells
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Area			Off-Site Locations																											
Sample Location			RW-2	RW-5																					RW-5R		RW-6			
Sample Date			5-Sep-24	25-Apr-12	21-May-13	27-Mar-14	29-May-14	2-Jul-14	7-Aug-14	28-Oct-14	3-Feb-15	4-May-15	13-Aug-15	1-Feb-16	3-May-16	10-Aug-16	14-Feb-17	14-Aug-17	1-Feb-18	9-Aug-18	11-Jun-19	19-Aug-20	21-Sep-21	13-Sep-22	5-Sep-24	5-Sep-24	25-Apr-12	4-May-12		
Sample ID			LI-RW2-ANNUAL2024	RW-5	LI-RW-5-GW1	LI-RW-5	LI-RW-5-PI1	LI-RW-5-PI2	LI-RW-5-PI3	LI-RW5-PI6	LI-RW-5-PI9	LI-RW-5-PI12	LI-RW-5-PI15	LI-RW-5-PS3	LI-RW-5-PS6	LI-RW-5-PS9	LI-RW-5-PS15	LI-RW-5-PS21	LI-RW-5-PS22	LI-RW5-PS23	LI-RW5-PS41	LI-RW5-PS42	LI-RW5-Annual 2021	LI-RW5-ANNUAL 2022	LI-RW5R-ANNUAL2024	LI-FD-ANNUAL2024	RW-6	RW-6		
Sampling Company			STANTEC	DECI	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	DECI		
Laboratory			ERF	PARAROCH	CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	ALPHA	ERF	ERF	PARAROCH	PARAROCH		
Laboratory Work Order			480-223156-1	12:1770	E2314	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400	183674	192608	203943	214297	L2250169	480-223156-1	480-223156-1	12:1770	12:1927		
Laboratory Sample ID			480-223156-2	12:1770-02	E2314-06	141138-05	142196-14	142794-13	143439-05	144730-05	150382-04	151696-05	153411-09	160464-05	161713-05	163436-05	170564-05	173804-05	180400-05	183674-02	192608-05	203943-05	214297-04	L2250169-03	480-223156-3	480-223156-5	12:1770-03	12:1927-01		
Sample Type	Units	TOGS																								Field Duplicate				
General Chemistry																														
Total Organic Carbon	µg/L	n/v	-	-	-	3,300	141,000	299,000	86,700	8,700	4,600 J+	2,200	2,800 J-	4,990	2,490	3,690	1,780	-	-	-	-	-	-	-	-	-	-	-	-	
Total Organic Carbon	mg/L	n/v	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.81	1.89	1.87	-	9.60	7.0	2.2	4.5	3.9	-	-		
Volatile Organic Compounds																														
Acetone	µg/L	50[A]	10 U	10.0 UJ	2.6 J	10.0 U	10.0 U	7.44 J	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	7.2 J	10 U	40 U	10.0 UJ	***100 UJ***		
Benzene	µg/L	1[B]	1.0 U	**1.13 J[B]**	***5 U***	1 U	0.737 J	0.358 J	1 U	0.507 J	1 U	1 U	0.509 J-	1.00 U	1.00 U	0.741 J	1.00 U	0.596 J-	1.00 U	**1.63 D[B]**	**1.61[B]**	**1.34[B]**	**2.05 J+[B]**	**9.9[B]**	**4.1[B]**	**4.0[B]**	0.700 UJ	***7.00 U***		
Bromodichloromethane	µg/L	50[A]	1.0 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	1.0 U	4.0 U	2.00 UJ	20.0 U		
Bromoform (Tribromomethane)	µg/L	50[A]	1.0 U	5.00 UJ	5 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	8.0 U	1.0 U	4.0 U	5.00 UJ	50.0 U		
Bromomethane (Methyl bromide)	µg/L	5[B]	1.0 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***10 U***	1.0 U	4.0 U	2.00 UJ	***20.0 U***		
Butylbenzene, n-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	***10 U***	-	-	-	-		
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	***10 U***	-	-	-	-		
Butylbenzene, tert-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	***10 U***	-	-	-	-		
Carbon Disulfide	µg/L	60[A]	1.0 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	20 U	1.0 U	4.0 U	2.00 UJ	20.0 U		
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	1.0 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	1.0 U	4.0 U	2.00 UJ	***20.0 U***		
Chlorobenzene (Monochlorobenzene)	µg/L	5[B]	1.0 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***10 U***	1.0 U	4.0 U	2.00 UJ	***20.0 U***		
Chlorobromomethane	µg/L	5[B]	-	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	***10 U***	-	-	-	-		
Chloroethane (Ethyl Chloride)	µg/L	5[B]	1.0 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***10 U***	1.0 U	4.0 U	2.00 UJ	***20.0 U***		
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	10.0 U R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.0 U R	100 U R		
Chloroform (Trichloromethane)	µg/L	7[B]	1.0 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***10 U***	1.0 U	4.0 U	2.00 UJ	***20.0 U***		
Chloromethane	µg/L	5[B]	1.0 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***10 U***	1.0 U	4.0 U	2.00 UJ	***20.0 U***		
Cyclohexane	µg/L	n/v	1.0 U	-	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	40 U	1.0 U	4.0 U	-	-		
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[B]	***1.0 U***	-	***5 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10 U***	***1.0 U***	***4.0 U***	-	-		
Dibromochloromethane	µg/L	50[A]	1.0 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	1.0 U	4.0 U	2.00 UJ	20.0 U		
Dichlorobenzene, 1,2-	µg/L	3[B]	1.0 U	2.00 UJ	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***10 U***	1.0 U	***4.0 U***	2.00 UJ	***20.0 U***		
Dichlorobenzene, 1,3-	µg/L	3[B]	1.0 U	2.00 UJ	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***10 U***	1.0 U	***4.0 U***	2.00 UJ	***20.0 U***		
Dichlorobenzene, 1,4-	µg/L	3[B]	1.0 U	2.00 UJ	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***10 U***	1.0 U	***4.0 U***	2.00 UJ	***20.0 U***		
Dichlorodifluoromethane (Freon 12)	µg/L	5[B]	1.0 U	-	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***20 U***	1.0 U	4.0 U	-	-		
Dichloroethane, 1,1-	µg/L	5[B]	1.0 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***10 U***	1.0 U	4.0 U	2.00 UJ	***20.0 U***		
Dichloroethane, 1,2-	µg/L	0.6[B]	***1.0 U***	***2.00 UJ***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.0 U***	***1.0 U***	***4.0 U***	***2.00 UJ***	***20.0 U***		
Dichloroethene, 1,1-	µg/L	5[B]	1.0 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1.5 J	1.0 U	4.0 U	2.00 UJ	***20.0 U***		
Dichloroethene, cis-1,2-	µg/L	5[B]	**12[B]**	**49.5 J[B]**	**18.2[B]**	**7.64[B]**	**32.7[B]**	**45.7[B]**	**46.0[B]**	**132[B]**	**8.81[B]**	4.52	**56.7 J-[B]**	2.00 U	2.00 U	**50.7[B]**	2.00 U	**32.1 J-[B]**	**6.29[B]**	**177[B]**	**128[B]**	**71.0[B]**	**92.7 J+[B]**	**400[B]**	**170[B]**	**170[B]**	**59.8 J[B]**	**63.1[B]**		
Dichloroethene, trans-1,2-	µg/L	5[B]	2.3	**5.63 J[B]**	2.2 J	1.10 J	2.92	1.89 J	1.32 J	3.78	2.00 U	2.00 U	2.09 J-	2.00 U	2.00 U	2.62	2.00 U	1.16 J-	2.00 U	4.81 MD	3.92	1.28 J	1.97 J+	**9.4 J[B]**	3.0	4.0 U	2.00 UJ	***20.0 U***		
Dichloroethene-1,2- (sum)	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	410 J	-	-	-	-		
Dichloropropane, 1,2-	µg/L	1[B]	1.0 U	***2.00 UJ***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***4.0 U***	1.0 U	***4.0 U***	***2.00 UJ***	***20.0 U***		
Dichloropropene, 1,3- (sum of isomers cis + trans)	µg/L	0.4[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	***2.0 U***	-	-	-	-		
Dichloropropene, cis-1,3-	µg/L	0.4[B]	***1.0 U***	***2.00 UJ***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.0 U***	***1.0 U***	***4.0 U***	***2.00 UJ***	***20.0 U***		
Dichloropropene, trans-1,3-	µg/L	0.4[B]	***1.0 U***	***2.00 UJ***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.0 U***	***1.0 U***	***4.0 U***	***2.00 UJ***	***20.0 U***		
Dioxane, 1,4-	µg/L	n/v	-	-	100 U	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U	20.0 U	20.0 U	20.0 UJ	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U	20.0 U	20.0 U R	10.0 U R	1,000 U	-	-	-	-		
Ethylbenzene	µg/L	5[B]	1.0 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***10 U***	1.0 U	4.0 U	2.00 UJ	***20.0 U***		
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[B]	***1.0 U***	-	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***8.0 U***	***1.0 U***	***4.0 U***	-	-		
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[A]	5.0 U	5.00 UJ	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	20 U	5.0 U	20 U	5.00 UJ	50.0 U		
Isopropylbenzene	µg/L	5[B]	1.0 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***10 U***	1.0 U	4.0 U	-	-		
Isopropyltoluene, p- (Cymene)	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	***10 U***	-	-	-	-		
Methyl Acetate	µg/L	n/v	2.5 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	8.0 U	2.5 U	10 U	-	-		
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50[A]	10 U	10.0 UJ	25 U	10.0 UJ	10.0 U	43.1 J	10.8	10.0 UJ	10.0 UJ	10.0 U	10.0 UJ	26.1	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	20 U	10 U	40 U	10.0 UJ	***100 U***		
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.0 U	5.00 UJ	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	20 U	5.0 U	20 U	5.00 UJ	50.0 U		
Methyl tert-butyl ether (MTBE)	µg/L	10[A]	1.0 U	-	1.3 J	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	10 U	1.0 U	4.0 U	-	-		
Methylcyclohexane	µg/L	n/v	1.0 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	40 U	1.0 U	4.0 U	-	-		
Methylene Chloride (Dichloromethane)	µg/L	5[B]	1.0 U	5.00 UJ	5 U	4.53 JB	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	***10 U***	1.0 U	4.0 U	5.00 UJ	***50.0 UJ***		
Naphthalene	µg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 U	-	-	-	-		
Propylbenzene, n-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	***10 U***	-	-	-	-		
Styrene	µg/L	5[B]	1.0 U	5.00 UJ	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	***10 U***	1.0 U	4.0 U	5.00 UJ	***50.0 U***		
Tetrachloroethane, 1,1,2,2-	µg/L	5[B]	1.0 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.0 U	1.0 U	4.0 U	2.00 UJ	***20.0 U***		
Tetrachloroethene (PCE)	µg/L	5[B]	1.0 U	**12.2 J[B]**	**5.6[B]**	2.75	**11.2[B]**	2.44	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	3.42	**11.3[B]**	1.10 J	3.05 J+	**83[B]**	**40[B]**	**37[B]**	**881 J[B]**	**732[B]**		
Toluene	µg/L	5[B]	1.0 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***10 U***	1.0 U	4.0 U	2.00 UJ	***20.0 U***		
Trichlorobenzene, 1,2,3-	µg/L	5[B]	-	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	***10 U***	-	-	-	-		
Trichlorobenzene, 1,2,4-	µg/L	5[B]	1.0 U	-	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	***10 U***	1.0 U	4.0 U	-	-		
Trichloroethane, 1,1,1-	µg/L	5[B]	1.0 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***10 U***	1.0 U	4.0 U	2.00 UJ	***20.0 U***		
Trichloroethane, 1,1,2-	µg/L	1[B]	1.0 U	***2.00 UJ***	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***6.0 U***	1.0 U	***4.0 U***	***2.00 UJ***	***20.0 U***		
Trichloroethene (TCE)	µg/L	5[B]	1.3	**48.5 J[B]**	**25.2[B]**	**6.65[B]**	**40.0[B]**	**14.2[B]**	1.10 J	2.76	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	1.05 J-	2.00 U	**10.9 D[B]**	**24.0[B]**	3.48	**8.13 J+[B]**	**130[B]**	**62[B]**	**57[B]**	**112 J[B]**	**93.2[B]**		
Trichlorofluoromethane (Freon 11)	µg/L	5[B]	1.0 U	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***10 U***	1.0 U	4.0 U	2.00 UJ	***20.0 U***		
Trichlorotrifluoroethane (Freon 113)	µg/L	5[B]	1.0 U	-	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***10 U***	1.0 U	4.0 U	-	-		
Trimethylbenzene, 1,2,4-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	***10 U***	-	-	-	-		
Trimethylbenzene, 1,3,5-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	***10 U***	-	-	-	-		
Vinyl Acetate	µg/L	n/v	-	5.00 UJ	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.00 UJ	50.0 U		
Vinyl Chloride	µg/L	2[B]	1.1	**2.93 J[B]**	0.6 J	2.00 U	2.00 U	1.28 NJ	**3.76[B]**	**12.8[B]**	**2.30 NJ[B]**	2.00 U	**16.0 J-[B]**	1.52 J	2.00 U	**53.4[B]**	2.00 U	**14.0 J-[B]**	**3.39[B]**	**32.2 D[B]**	**22.6[B]**	**7.98[B]**	**37.3 J+[B]**	**120[B]**	**54[B]**	**50[B]**	2.00 UJ	***20.0 U***		
Xylene, m & p-	µg/L	5[B]	-	2.00 UJ	***10 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***10 U***	-	-	2.00 UJ	***20.0 U***		
Xylene, o-	µg/L	5[B]	-	2.00 UJ	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	***10 U***	-	-	2.00 UJ	***20.0 UJ***		
Xylenes, Total	µg/L	5[B]	2.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	***10 U***	2.0 U	***8.0 U***	-	-		
Total VOC	µg/L	n/v	16.7	119.89	55.7	22.67	87.557	116.408	62.98	151.85	11.11	6.13	75.299 J-	27.62	ND	107.461	ND	48.906 J-	9.68	229.96	191.43	86.18	145.2 J+	1,171	333.1	318	1,052.8	888.3		

See notes on last page.

Table 4
Summary of Analytical Results in Groundwater - Sampled Wells
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Area			Off-Site Locations																						QA/QC	
Sample Location														RW-6											Trip Blank	
Sample Date			20-May-13	27-Mar-14	28-May-14	1-Jul-14	7-Aug-14	7-Aug-14	28-Oct-14	4-Feb-15	4-May-15	13-Aug-15	1-Feb-16	3-May-16	9-Aug-16	14-Feb-17	14-Aug-17	1-Feb-18	9-Aug-18	11-Jun-19	19-Aug-20	21-Sep-21	13-Sep-22	13-Sep-22	12-Sep-23	5-Sep-24	12-Jun-12	20-May-13
Sample ID			LI-RW-6-GW1	LI-RW-6	LI-RW-6-PI1	LI-RW-6-PI2	LI-RW-6-PI3	LI-FD-PI3	LI-RW6-PI6	LI-RW-6-PI9	LI-RW-6-PI12	LI-RW-6-PI15	LI-RW-6-PS3	LI-RW-6-PS6	LI-RW-6-PS9	LI-RW-6-PS15	LI-RW-6-PS21	LI-RW-6-PS22	LI-RW6-PS23	LI-RW6-PS41	LI-RW6-PS42	LI-RW6-Annual 2021	LI-RW6-ANNUAL 2022	LI-FD-ANNUAL 2022	LI - RW6 - Annual 2023	LI-RW6-ANNUAL2024	Trip Blank 7346	Trip Blank
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	DECI	STANTEC
Laboratory			CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	ALPHA	PARAROCH	ERF	PARAROCH	E2301
Laboratory Work Order			E2301	141138	142196	142794	143439	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400	183674	192608	203943	214297	L2250169	234187	480-223156-1	12:2486	E2301-07
Laboratory Sample ID			E2301-01	141138-06	142196-02	142794-03	143439-06	143439-13	144730-06	150382-09	151696-06	153411-10	160464-02	161713-06	163436-06	170564-06	173804-06	180400-06	183674-01	192608-06	203943-06	214297-05	L2250169-04	234187-03	480-223156-4	12:2486-03	E2301-07
Sample Type	Units	TOGS						Field Duplicate																Field Duplicate			Trip Blank	Trip Blank
General Chemistry																												
Total Organic Carbon	µg/L	n/v	-	3,400	360,000	96,600	99,700	102,000	62,900	14,000	3,000	2,800 J-	120,000	3,410	2,090	2,090	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.82	1.98	1.53	-	2.88	3.5	1.5	1.4	0.500 U	1.3	-	-
Volatile Organic Compounds																												
Acetone	µg/L	50[A]	4.2 J	***200 U***	***200 U***	10.0 U	***500 U***	***500 U***	***500 U***	50.0 UJ	50.0 U	50.0 UJ	***100 U***	***100 U***	***100 U***	20.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	4.0 J	5.4	2.00 J	10 U	-	25 U
Benzene	µg/L	1[B]	***5 U***	***20 U***	***20 U***	1 U	***50 U***	***50 U***	***50 U***	***5 U***	***5 U***	***5.00 UJ***	***10.0 U***	***10.0 U***	***10.0 U***	***2.00 U***	1.00 UJ	1.00 U	1.00 U	1.00 U	1.00 UJ	1.00 U	0.50 U	0.50 U	0.5 U	1.0 U	-	***5 U***
Bromodichloromethane	µg/L	50[A]	5 U	40.0 U	40.0 U	2.00 U	***100 U***	***100 U***	***100 U***	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	0.50 U	0.50 U	0.5 U	1.0 U	2.00 U	5 U
Bromoform (Tribromomethane)	µg/L	50[A]	5 U	***100 U***	***100 U***	5.00 U	***250 UJ***	***250 UJ***	***250 U***	25.0 U	25.0 U	25.0 UJ	50.0 U	50.0 U	50.0 U	10.0 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	2.0 U	2.0 U	2 U	1.0 U	5.00 U	5 U
Bromomethane (Methyl bromide)	µg/L	5[B]	5 U	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 UJ***	***20.0 U***	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U	2.5 U	2.5 U	1.0 U	2.00 U	5 U
Butylbenzene, n-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	2.5 U	2.5 U	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	2.5 U	2.5 U	-	-	-
Butylbenzene, tert-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	2.5 U	2.5 U	-	-	-
Carbon Disulfide	µg/L	60[A]	5 U	40.0 U	40.0 U	2.00 U	***100 U***	***100 U***	***100 U***	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	5.0 U	5.0 U	5 U	1.0 U	-	5 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	5 U	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	0.50 U	0.50 U	0.5 U	1.0 U	2.00 U	5 U
Chlorobenzene (Monochlorobenzene)	µg/L	5[B]	5 U	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U	2.5 U	2.5 U	1.0 U	2.00 U	5 U
Chlorobromomethane	µg/L	5[B]	5 U	***100 U***	***100 U***	5.00 U	***250 U***	***250 U***	***250 U***	***25.0 U***	***25.0 U***	***25.0 UJ***	***50.0 U***	***50.0 U***	***50.0 U***	***10.0 U***	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	2.5 U	2.5 U	2.5 U	-	-	5 U
Chloroethane (Ethyl Chloride)	µg/L	5[B]	5 U	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U	2.5 U	2.5 U	1.0 U	2.00 U	5 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.0 U R	-	-
Chloroform (Trichloromethane)	µg/L	7[B]	5 U	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U	2.5 U	2.5 U	1.0 U	2.00 U	5 U
Chloromethane	µg/L	5[B]	5 U	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U	0.73 J	2.5 U	1.0 U	2.00 U	5 U
Cyclohexane	µg/L	n/v	5 UJ	200 U	200 U	10.0 U	500 U	500 U	500 U	50.0 U	50.0 U	50.0 UJ	100 U	100 U	100 U	20.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10 U	10 U	10 U	1.0 U	-	5 UJ
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[B]	***5 U***	***200 U***	***200 U***	***10.0 U***	***500 U***	***500 U***	***500 U***	***50.0 U***	***50.0 U***	***50.0 UJ***	***100 U***	***100 U***	***100 U***	***20.0 U***	***10.0 UJ***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***10.0 U***	***2.5 U***	***2.5 U***	***2.5 U***	***1.0 U***	-	***5 U***
Dibromochloromethane	µg/L	50[A]	5 U	40.0 U	40.0 U	2.00 U	***100 UJ***	***100 UJ***	***100 U***	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	0.50 U	0.50 U	0.5 U	1.0 U	2.00 U	5 U
Dichlorobenzene, 1,2-	µg/L	3[B]	***5 U***	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	***4.00 U***	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U	2.5 U	2.5 U	1.0 U	2.00 U	***5 U***
Dichlorobenzene, 1,3-	µg/L	3[B]	***5 U***	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	***4.00 U***	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U	2.5 U	2.5 U	1.0 U	2.00 U	***5 U***
Dichlorobenzene, 1,4-	µg/L	3[B]	***5 U***	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	***4.00 U***	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U	2.5 U	2.5 U	1.0 U	2.00 U	***5 U***
Dichlorodifluoromethane (Freon 12)	µg/L	5[B]	5 U	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	5.0 U	5.0 U	5 U	1.0 U	-	5 U
Dichloroethane, 1,1-	µg/L	5[B]	5 U	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U	2.5 U	2.5 U	1.0 U	2.00 U	5 U
Dichloroethane, 1,2-	µg/L	0.6[B]	***5 U***	***40.0 U***	***40.0 U***	***2.00 U***	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	***4.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	0.50 U	0.50 U	0.5 U	***1.0 U***	***2.00 U***	***5 U***
Dichloroethene, 1,1-	µg/L	5[B]	5 U	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	1.02 J-	2.00 U	0.50 U	0.50 U	2.5 U	1.0 U	2.00 U	5 U
Dichloroethene, cis-1,2-	µg/L	5[B]	**47.3[B]**	**81.9[B]**	**670[B]**	**86.7[B]**	**3,980[B]**	**4,070[B]**	**2,730[B]**	**687[B]**	**373[B]**	***164 J-[B]***	**1,520[B]**	**1,910[B]**	***344[B]***	**277[B]**	***11.5 J-[B]***	***11.3[B]***	***50.1[B]***	***35.9[B]***	***170 J-[B]***	***45.1 J+[B]***	***24[B]***	***28[B]***	***7.30[B]***	***20[B]***	2.00 U	5 U
Dichloroethene, trans-1,2-	µg/L	5[B]	1.1 J	***40.0 U***	***76.1[B]***	3.31	***76.6 J-[B]***	***77.6 J-[B]***	***100 U***	***6.64 J-[B]***	***6.18 J-[B]***	***10.0 UJ***	***11.5 J-[B]***	***18.0 J-[B]***	***20.0 U***	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	1.00 J-	2.00 U	2.5 U	2.5 U	2.5 U	1.0 U	2.00 U	5 U
Dichloroethene-1,2- (sum)	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	28	-	-	-	-
Dichloropropane, 1,2-	µg/L	1[B]	***5 U***	***40.0 U***	***40.0 U***	***2.00 U***	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	***4.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	1.0 U	1.0 U	1 U	1.0 U	***2.00 U***	***5 U***
Dichloropropene, 1,3- (sum of isomers cis + trans)	µg/L	0.4[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	***0.50 U***	***0.50 U***	-	-	-	-
Dichloropropene, cis-1,3-	µg/L	0.4[B]	***5 U***	***40.0 U***	***40.0 U***	***2.00 U***	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	***4.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***0.50 U***	***0.50 U***	***0.5 U***	***1.0 U***	***2.00 U***	***5 U***
Dichloropropene, trans-1,3-	µg/L	0.4[B]	***5 U***	***40.0 U***	***40.0 U***	***2.00 U***	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	***4.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***0.50 U***	***0.50 U***	***0.5 U***	***1.0 U***	***2.00 U***	***5 U***
Dioxane, 1,4-	µg/L	n/v	100 U R	400 U R	400 U R	20.0 U R	1,000 U R	1,000 U R	1,000 U	100 U	100 UJ	100 U R	200 U R	200 U R	200 U R	40.0 U R	20.0 U R	20.0 U R	20.0 U	20.0 U	20.0 U R	10.0 U R	250 U	250 U	250 U	-	-	100 U R
Ethylbenzene	µg/L	5[B]	5 U	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U	2.5 U	2.5 U	1.0 U	-	5 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[B]	***5 U***	***40.0 U***	***40.0 U***	***2.00 U***	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	***4.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.0 U***	***2.0 U***	***2 U***	***1.0 U***	-	***5 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[A]	25 U	***100 U***	***100 U***	5.00 U	***250 U***	***250 U***	***250 U***	25.0 U	25.0 U	25.0 UJ	50.0 U	50.0 U	50.0 U	10.0 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.0 U	5.0 U	5 U	5.0 U	-	25 U
Isopropylbenzene	µg/L	5[B]	5 U	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U	2.5 U	2.5 U	1.0 U	-	5 U
Isopropyltoluene, p- (Cymene)	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	2.5 U	2.5 U	-	-	-
Methyl Acetate	µg/L	n/v	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.0 U	2.0 U	2 U	2.5 U	-	5 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50[A]	25 U	***200 UJ***	***200 U***	13.3 J	***500 U***	***500 U***	***500 UJ***	50.0 UJ	50.0 U	50.0 UJ	***200 U***	***100 U***	***100 U***	20.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	5.0 U	5.0 U	5 U	10 U	-	25 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	25 U	100 U	100 U	5.00 U	250 U	250 U	250 U	25.0 U	25.0 U	25.0 UJ	50.0 U	50.0 U	50.0 U	10.0 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.0 U	5.0 U	5 U	5.0 U	-	25 U
Methyl tert-butyl ether (MTBE)	µg/L	10[A]	2.1 J	***40.0 U***	***40.0 U***	1.03 J	***100 U***	***100 U***	***100 U***	10.0 U	10.0 U	10.0 UJ	***20.0 U***	***20.0 U***	***20.0 U***	4.00 U	1.11 J-	1.32 J	2.00 U	2.00 U	1.10 J-	2.00 U	0.79 J	0.72 J	2.5 U	1.0 U	-	5 U
Methylcyclohexane	µg/L	n/v	5 U	40.0 U	40.0 U	2.00 U	100 U	100 U	100 U	10.0 U	10.0 U	10.0 UJ	20.0 U	20.0 U	20.0 U	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	10 U	10 U	10 U	1.0 U	-	5 U
Methylene Chloride (Dichloromethane)	µg/L	5[B]	5 U	***100 U***	**56.8 J[B]**	5.00 U	***250 U***	***250 U***	***250 U***	***25.0 U***	***25.0 U***	***25.0 UJ***	***50.0 U***	***50.0 U***	***50.0 U***	***10.0 U***	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	2.5 U	2.5 U	2.5 U	1.0 U	5.00 U	5 U
Naphthalene	µg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	2.5 U	-	-	-	-
Propylbenzene, n-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	2.5 U	-	-	-	-
Styrene	µg/L	5[B]	5 U	***100 U***	***100 U***	5.00 U	***250 U***	***250 U***	***250 U***	***25.0 U***	***25.0 U***	***25.0 UJ***	***50.0 U***	***50.0 U***	***50.0 U***	***10.0 U***	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	2.5 U	2.5 U	2.5 U	1.0 U	-	5 U
Tetrachloroethane, 1,1,2,2-	µg/L	5[B]	5 U	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	0.50 U	0.50 U	0.5 U	1.0 U	2.00 U	5 U
Tetrachloroethene (PCE)	µg/L	5[B]	**880 D[B]**	**3,380[B]**	**84.6[B]**	3.26	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	**5.58[B]**	2.58 J-	2.00 U	**11.4[B]**	**18.5[B]**	**148 J-[B]**	**15.9 J+[B]**	**14[B]**	**16[B]**	2.90	**9.4[B]**	2.00 U	5 U
Toluene	µg/L	5[B]	5 U	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U	2.5 U	2.5 U	1.0 U	-	5 U
Trichlorobenzene, 1,2,3-	µg/L	5[B]	5 U	***100 U***	***100 U***	5.00 U	***250 U***	***250 U***	***250 U***	***25.0 U***	***25.0 U***	***25.0 UJ***	***50.0 U***	***50.0 U***	***50.0 U***	***10.0 U***	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	2.5 U	2.5 U	2.5 U	-	-	5 U
Trichlorobenzene, 1,2,4-	µg/L	5[B]	5 U	***100 U***	***100 U***	5.00 U	***250 U***	***250 U***	***250 U***	***25.0 U***	***25.0 U***	***25.0 UJ***	***50.0 U***	***50.0 U***	***50.0 U***	***10.0 U***	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	2.5 U	2.5 U	2.5 U	1.0 U	-	5 U
Trichloroethane, 1,1,1-	µg/L	5[B]	5 U	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U	2.5 U	2.5 U	1.0 U	2.00 U	5 U
Trichloroethane, 1,1,2-	µg/L	1[B]	***5 U***	***40.0 U***	***40.0 U***	***2.00 U***	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	***4.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***1.5 U***	***1.5 U***	***1.5 U***	1.0 U	***2.00 U***	***5 U***
Trichloroethene (TCE)	µg/L	5[B]	**140[B]**	**283[B]**	**752[B]**	**35.8[B]**	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	**22.2[B]**	1.57 J-	2.00 U	3.80	**6.26[B]**	**69.3 J-[B]**	**13.5 J+[B]**	3.2	3.6	1.10	2.2	2.00 U	5 U
Trichlorofluoromethane (Freon 11)	µg/L	5[B]	5 U	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U	2.5 U	2.5 U	1.0 U	2.00 U	5 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5[B]	5 U	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U	2.5 U	2.5 U	1.0 U	-	5 U
Trimethylbenzene, 1,2,4-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	2.5 U	2.5 U	-	-	-
Trimethylbenzene, 1,3,5-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	2.5 U	2.5 U	-	-	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	µg/L	2[B]	0.52 NJ	***40.0 U***	***40.0 U***	2.00 U	**115[B]**	**116[B]**	**868[B]**	**455[B]**	**367[B]**	***259 J-[B]***	**1,120[B]**	**624[B]**	***201[B]***	**147[B]**	***9.07 J-[B]***	***10.6[B]***	***22.7[B]***	***14.2[B]***	***33.5 J-[B]***	***19.7 J+[B]***	***4.0[B]***	***3.8[B]***	1.70	***4.7[B]***	2.00 U	***5 U***
Xylene, m & p-	µg/L	5[B]	***10 U***	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U	2.5 U	2.5 U	-	-	***10 U***
Xylene, o-	µg/L	5[B]	5 U	***40.0 U***	***40.0 U***	2.00 U	***100 U***	***100 U***	***100 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***20.0 U***	***20.0 U***	***20.0 U***	4.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.5 U	2.5 U	2.5 U	-	-	5 U
Xylenes, Total	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	2.5 U	-	2.0 U	-	-
Total VOC	µg/L	n/v	1,075.22	3,744.9	1,639.5	143.4	4,171.6	4,263.6	3,598	1,148.64	746.18	423 J-	2,651.5	2,552	545	451.78	25.83 J-	23.22	88	74.86	423.92 J-	94.2 J+	73.99	86.25	15	36.3	ND	ND

See notes on last page.

Table 4
Summary of Analytical Results in Groundwater - Sampled Wells
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Area			QA/QC																					
Sample Location														Trip Blank										
Sample Date			21-May-13	27-Mar-14	29-May-14	1-Jul-14	8-Aug-14	28-Oct-14	3-Feb-15	4-May-15	12-Aug-15	1-Feb-16	2-May-16	9-Aug-16	13-Feb-17	14-Aug-17	2-Feb-18	9-Aug-18	28-May-19	4-Aug-20	13-Sep-21	6-Sep-22	6-Sep-23	3-Sep-24
Sample ID			Trip Blank	Trip Blank	LI-Trip Blank-PI1	LI-TRIPBLANK-PI2	Trip Blank (T-532)	Trip Blank (T-570)	LI-TRIPBLANK-PI9 (T-586)	Trip Blank (T-614)	Trip Blank (T-644)	Trip Blank T-691	Trip Blank (T-698)	Trip Blank (T-722)	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank T931	Trip Blank T996	Trip Blank T1066	TRIP BLANK	Trip Blank T1161	TRIP BLANK
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			CCGE	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	ALPHA	PARAROCH	ERF
Laboratory Work Order			E2314	141138	142196	142794	143439	144730	150382	151696	153411	160464	161713	163436	170564	173804	180400	183674	192608	203943	214297	L2250169	234187	480-223156-1
Laboratory Sample ID			E2314-08	141138-15	142196-08	142794-01	143439-14	144730-14	150382-14	151696-14	153411-14	160464-14	161713-14	163436-14	170564-14	173804-14	180400-14	183674-12	192608-12	203943-12	214297-10	L2250169-05	234187-04	480-223156-6
Sample Type	Units	TOGS	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
General Chemistry																								
Total Organic Carbon	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds																								
Acetone	µg/L	50[A]	25 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	5.8	5.00	10 U
Benzene	µg/L	1[B]	***5 U***	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.00 UJ	1.00 UJ	1.00 U	1.00 U	1.00 U	1.00 UJ	1.00 U	1.00 U	1.00 U	1.00 UJ	1.00 UJ	0.50 U	0.5 U	1.0 U
Bromodichloromethane	µg/L	50[A]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	0.50 U	0.5 U	1.0 U
Bromoform (Tribromomethane)	µg/L	50[A]	5 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	2.0 U	2 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	5--[B]	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	2.5 U	1.0 U
Butylbenzene, n-	µg/L	5--[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	2.5 U	-
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5--[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	2.5 U	-
Butylbenzene, tert-	µg/L	5--[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	2.5 U	-
Carbon Disulfide	µg/L	60[A]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	5.0 U	5 U	1.0 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	0.50 U	0.5 U	1.0 U
Chlorobenzene (Monochlorobenzene)	µg/L	5--[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	2.5 U	1.0 U
Chlorobromomethane	µg/L	5--[B]	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	2.5 U	2.5 U	-
Chloroethane (Ethyl Chloride)	µg/L	5--[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	2.5 U	1.0 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/L	7[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	2.5 U	1.0 U
Chloromethane	µg/L	5--[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	1.10 J	1.0 U
Cyclohexane	µg/L	n/v	5 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	10 U	10 U	1.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[B]	***5 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***10.0 UJ***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***10.0 U***	***10.0 U***	***10.0 U***	***10.0 UJ***	***10.0 UJ***	***2.5 U***	***2.5 U***	***1.0 U***
Dibromochloromethane	µg/L	50[A]	5 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	0.50 U	0.5 U	1.0 U
Dichlorobenzene, 1,2-	µg/L	3[B]	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	2.5 U	1.0 U
Dichlorobenzene, 1,3-	µg/L	3[B]	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	2.5 U	1.0 U
Dichlorobenzene, 1,4-	µg/L	3[B]	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	2.5 U	1.0 U
Dichlorodifluoromethane (Freon 12)	µg/L	5--[B]	5 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	5.0 U	5 U	1.0 U
Dichloroethane, 1,1-	µg/L	5--[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	2.5 U	1.0 U
Dichloroethane, 1,2-	µg/L	0.6[B]	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 UJ***	0.50 U	0.5 U	***1.0 U***
Dichloroethene, 1,1-	µg/L	5--[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	0.50 U	2.5 U	1.0 U
Dichloroethene, cis-1,2-	µg/L	5--[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	2.5 U	1.0 U
Dichloroethene, trans-1,2-	µg/L	5--[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	2.5 U	1.0 U
Dichloroethene-1,2- (sum)	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	-	-
Dichloropropane, 1,2-	µg/L	1[B]	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 UJ***	1.0 U	1 U	1.0 U
Dichloropropene, 1,3- (sum of isomers cis + trans)	µg/L	0.4[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	***0.50 U***	-	-
Dichloropropene, cis-1,3-	µg/L	0.4[B]	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 UJ***	***0.50 U***	***0.5 U***	***1.0 U***
Dichloropropene, trans-1,3-	µg/L	0.4[B]	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 UJ***	***0.50 U***	***0.5 U***	***1.0 U***
Dioxane, 1,4-	µg/L	n/v	100 U	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U	20.0 U	20.0 UJ	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U R	20.0 U	20.0 U	20.0 U R	10.0 U R	250 U	250 U	-
Ethylbenzene	µg/L	5--[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	2.5 U	1.0 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[B]	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 UJ***	***2.0 U***	***2 U***	***1.0 U***
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[A]	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	5.0 U	5 U	5.0 U
Isopropylbenzene	µg/L	5--[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	2.5 U	1.0 U
Isopropyltoluene, p- (Cymene)	µg/L	5--[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	2.5 U	-
Methyl Acetate	µg/L	n/v	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.0 U	2 U	2.5 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50[A]	25 U	10.0 UJ	10.0 U	10.0 UJ	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 UJ	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 U	10.0 U	10.0 U	10.0 UJ	10.0 UJ	5.0 U	5 U	10 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	25 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	5.0 U	5 U	5.0 U
Methyl tert-butyl ether (MTBE)	µg/L	10[A]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	2.5 U	1.0 U
Methylcyclohexane	µg/L	n/v	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	10 U	10 U	1.0 U
Methylene Chloride (Dichloromethane)	µg/L	5--[B]	3.4 J	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	2.5 U	2.5 U	1.0 U
Naphthalene	µg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	-	-
Propylbenzene, n-	µg/L	5--[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	-	-
Styrene	µg/L	5--[B]	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	2.5 U	2.5 U	1.0 U
Tetrachloroethane, 1,1,2,2-	µg/L	5--[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	0.50 U	0.5 U	1.0 U
Tetrachloroethene (PCE)	µg/L	5--[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	0.50 U	0.5 U	1.0 U
Toluene	µg/L	5--[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	2.5 U	1.0 U
Trichlorobenzene, 1,2,3-	µg/L	5--[B]	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	2.5 U	2.5 U	-
Trichlorobenzene, 1,2,4-	µg/L	5--[B]	5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U	5.00 UJ	5.00 UJ	2.5 U	2.5 U	1.0 U
Trichloroethane, 1,1,1-	µg/L	5--[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	2.5 U	1.0 U
Trichloroethane, 1,1,2-	µg/L	1[B]	***5 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 U***	***2.00 U***	***2.00 U***	***2.00 UJ***	***2.00 UJ***	***1.5 U***	***1.5 U***	1.0 U
Trichloroethene (TCE)	µg/L	5--[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	0.50 U	0.5 U	1.0 U
Trichlorofluoromethane (Freon 11)	µg/L	5--[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	2.5 U	1.0 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5--[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	2.5 U	1.0 U
Trimethylbenzene, 1,2,4-	µg/L	5--[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	2.5 U	-
Trimethylbenzene, 1,3,5-	µg/L	5--[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	2.5 U	-
Vinyl Acetate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	µg/L	2[B]	***5 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	1.0 U	1 U	1.0 U
Xylene, m & p-	µg/L	5--[B]	***10 U***	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	2.5 U	-
Xylene, o-	µg/L	5--[B]	5 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U	2.00 UJ	2.00 UJ	2.5 U	2.5 U	-
Xylenes, Total	µg/L	5--[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5 U	-	2.0 U
Total VOC	µg/L	n/v	3.4	ND	ND	ND	ND	ND	ND	ND	ND UJ-	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND	ND J+	5.8	6.1	ND

See notes on last page.

Table 5
Quarterly and Annual Monitoring of the Sub-Slab Depressurization System
Former Carriage Factory
33 Litchfield Street, Rochester, NY

Date	Photoionization Detector Reading[1] (parts per million)			Vacuum Monitoring Points (Inches Water Column)						Basement inspected for cracks, new penetrations, other potential leaks? If necessary, perform smoke testing to assess the leakage potential of suspect locations.)	Fans, pilot lights inspected in the utility room? Any abnormal conditions such as hot fan housings, vibrations, or unusual noises?	Any condensation occuring in SSDS piping?
	FAN-1	FAN-2	FAN-3	VMP-1	VMP-2	VMP-3	VMP-4	VMP-5	VMP-6			
09/16/14	Not Collected			-0.051	-0.111	-0.174	-0.15	-0.237	-0.138			
12/14/14				-0.042	-0.075	-0.107	-0.099	-0.142	-0.084	None observed	None observed	None Observed
02/02/16	0.1	0	0	-0.014	-0.043	-0.084	-0.086	-0.123	-0.073	None observed	None observed	Yes[2]
05/02/16	Quarterly vacuum monitoring event, PID readings not taken			-0.022	-0.064	-0.101	-0.089	-0.184	-0.113	Quarterly vacuum monitoring event, basement and fan inspection not required		Yes
05/03/16				-0.024	-0.071	-0.126	-0.107	-0.205	-0.121			Minimal[3]
08/09/16				-0.038	-0.086	-0.141	-0.119	-0.196	-0.098			None Observed
12/06/16				-0.009	-0.040	-0.068	-0.067	-0.109	-0.060			Minimal
02/14/17	0.1	0	0	-0.010	-0.044	-0.075	-0.066	-0.116	-0.073	None observed	None observed	Minimal
05/08/17	Quarterly vacuum monitoring event, PID readings not taken			-0.023	-0.049	-0.099	-0.079	-0.195	-0.137	Quarterly vacuum monitoring event, basement and fan inspection not required		Minimal
08/15/17	0.0	0.1	0.3	-0.029	-0.073	-0.131	-0.110	-0.201	-0.113	None observed	None observed	None Observed
11/14/17	Quarterly vacuum monitoring event, PID readings not taken			-0.017	-0.049	-0.090	-0.084	-0.144	-0.092	Quarterly vacuum monitoring event, basement and fan inspection not required		None Observed
02/02/18	0.0	0.0	0.0	Not Collected (see 2/13/18 entry below)						See 2/13/18 entry below		
02/13/18	Not Collected (see 2/2/18 entry above)			-0.008	-0.045	-0.096	-0.077	-0.175	-0.104	None observed	None observed	Slight[3]
05/14/18	Quarterly vacuum monitoring event, PID readings not taken			-0.020	-0.040	-0.095	-0.070	-0.173	-0.092	Quarterly vacuum monitoring event, basement and fan inspection not required		None Observed
11/16/18				-0.019	not read	-0.083	-0.100	-0.179	-0.110			Slight[4]
02/20/19	0.0	0.0	0.0	-0.003	-0.030	-0.020	-0.052	-0.113	-0.064	None observed	None observed	Slight[5]
05/09/19	Quarterly vacuum monitoring event, PID readings not taken			-0.016	-0.047	-0.107	-0.081	-0.192	-0.117	Quarterly vacuum monitoring event, basement and fan inspection not required		None Observed
08/14/19				-0.022	-0.062	-0.121	-0.091	-0.195	-0.101			None Observed
11/01/19				-0.010	-0.053	-0.100	-0.076	-0.148	-0.086			None Observed
02/19/20	0.0	0.0	0.0	-0.005	-0.028	-0.065	-0.051	-0.109	-0.075	None observed	None observed	None Observed
05/27/20	Quarterly vacuum monitoring event, PID readings not taken			-0.021	-0.059	-0.115	-0.082	-0.191	-0.098	Quarterly vacuum monitoring event, basement and fan inspection not required		None Observed
08/18/20				-0.018	-0.059	-0.114	-0.081	-0.198	-0.100			None Observed
12/01/20				-0.007	-0.057	-0.078	-0.056	-0.114	-0.068			None Observed

see last page for notes

Table 5
Quarterly and Annual Monitoring of the Sub-Slab Depressurization System
Former Carriage Factory
33 Litchfield Street, Rochester, NY

Date	Photoionization Detector Reading[1] (parts per million)			Vacuum Monitoring Points (Inches Water Column)						Basement inspected for cracks, new penetrations, other potential leaks? If necessary, perform smoke testing to assess the leakage potential of suspect locations.)	Fans, pilot lights inspected in the utility room? Any abnormal conditions such as hot fan housings, vibrations, or unusual noises?	Any condensation occuring in SSDS piping?
	FAN-1	FAN-2	FAN-3	VMP-1	VMP-2	VMP-3	VMP-4	VMP-5	VMP-6			
02/02/21	0.0	0.0	0.0	-0.001	-0.033	-0.045	-0.031	-0.071	-0.034	None observed	None observed	None Observed
05/12/21	Quarterly vacuum monitoring event, PID readings not taken			-0.009	-0.040	-0.082	-0.060	-0.143	-0.088	Quarterly vacuum monitoring event, basement and fan inspection not required		None Observed
09/20/21				-0.023	-0.058	-0.083	-0.117	-0.191	-0.092			None Observed
12/08/21				-0.004	-0.026	-0.060	-0.039	-0.098	-0.048			None Observed
02/16/22	0.1	0.1	0.2	-0.007	-0.030	-0.023	-0.024	-0.098	-0.057	None observed	None observed	None Observed
05/17/22	Quarterly vacuum monitoring event, PID readings not taken			-0.015	-0.049	-0.098	-0.061	-0.182	-0.115	Quarterly vacuum monitoring event, basement and fan inspection not required		None Observed
09/13/22				-0.022	-0.055	-0.103	-0.074	-0.189	-0.092			None Observed
12/12/22				-0.005	-0.031	-0.058	-0.044	-0.099	-0.051			None Observed
02/22/23	0.0	0.0	0.0	-0.003	-0.039	-0.062	-0.045	-0.107	-0.062	None observed	None observed	Slight[5]
05/18/23	Quarterly vacuum monitoring event, PID readings not taken			-0.010	-0.042	-0.085	-0.055	-0.173	-0.088	Quarterly vacuum monitoring event, basement and fan inspection not required		Slight[5]
09/12/23				-0.018	-0.055	-0.097	-0.068	-0.184	-0.093			None Observed
12/1/2023				-0.008	-0.036	-0.074	-0.055	-0.125	-0.063			Slight[5]
02/07/24	0.0	0.0	0.0	-0.006	-0.059	-0.054	-0.045	-0.107	-0.063	None observed	None observed	Slight[5]
05/14/24	Quarterly vacuum monitoring event, PID readings not taken			-0.018	-0.063	-0.101	-0.067	-0.186	-0.099	Quarterly vacuum monitoring event, basement and fan inspection not required		None Observed
09/05/24				-0.016	-0.061	-0.094	-0.065	-0.153	-0.071			None Observed
12/04/24				-0.003	-0.04	-0.047	-0.036	-0.101	-0.047			Slight[5]
02/14/25	1.4	0.1	0.1	-0.003[6]	-0.036	-0.034	-0.031	-0.092	-0.039	None observed	None observed	Slight[5]

Notes:

1. Fans 1, 2, and 3 are the western, central, and eastern fans, respectively.
2. Based on 3/17/2016 site visit.
3. Fans turned off for two hours to let condensate drain prior to taking readings.
4. Fans turned off for one hour to let condensate drain prior to taking readings.
5. Slight sound of water in SSDS risers.
6. Differential pressure readings at VMP-6 ranged between -0.007 and 0.009 inches of water.

**** If one or more pilot lights are OFF, contact Stantec immediately at 585-413-5327***

Table 6
Summary of Analytical Results in Post-Construction Purge Water and Discharge Permit Samples
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Date			15-Sep-14	4-Nov-14	4-Feb-15	17-Feb-15	5-May-15	5-May-15	13-Aug-15	13-Aug-15	1-Dec-15	2-Feb-16	2-Feb-16	2-May-16	3-May-16	9-Aug-16	10-Aug-16
Sample Location			LI-EL-W11	LI-EL-W12	LI-EL-W13	LI-EL-W14	LI-EL-W15	LI-EL-W16	LI-EL-W17	LI-EL-W18	LI-EL-W19	LI-EL-W20	LI-EL-W21	LI-EL-W22	LI-EL-W23	LI-EL-W24	LI-EL-W25
Sample ID			LI-EL-W11	LI-EL-W12	LI-EL-W13	LI-EL-W14	LI-EL-W15	LI-EL-W16	LI-EL-W17	LI-EL-W18	LI-EL-W19	LI-EL-W20	LI-EL-W21	LI-EL-W22	LI-EL-W23	LI-EL-W24	LI-EL-W25
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory		County of Monroe	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order		Sewer Use	144025	144818	150381	150502	151695	151695	153410	153410	155061	160463	160463	161714	161714	163435	163435
Laboratory Sample ID		Permit	144025-01	144818-01	150381-01	150502-01	151695-01	151695-02	153410-01	153410-02	155061-01	160463-01	160463-02	161714-01	161714-02	163435-01	163435-02
Sample Type	Units	Enclosure															
Metals																	
Cadmium	mg/L	1.0[A]	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U
Copper	mg/L	3.0[A]	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0276	0.0250 U
Lead	mg/L	1.0[A]	0.0239	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0275	0.0100 U
Zinc	mg/L	5.0[A]	0.214	0.0600 U	0.0600 U	0.0600 U	0.0600 U	0.177	0.0600 U	0.0600 U	1.15	0.319	0.0600 U	0.0993	0.0600 U	0.136	0.0600 U
Volatile Organic Compounds																	
Bromodichloromethane	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Bromoform (Tribromomethane)	µg/L	n/v	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Bromomethane (Methyl bromide)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroethane (Ethyl Chloride)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroform (Trichloromethane)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloromethane	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dibromochloromethane	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,3-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,4-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,1-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, 1,1-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, cis-1,2-	µg/L	n/v	98.8	107	12.5	2.00 U	19.2	2.00 U	2.00 U	11.1	1 U	2.00 U	2.00 U	2.00 U	109	2.00 U	38.8
Dichloroethene, trans-1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropane, 1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropene, cis-1,3-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropene, trans-1,3-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylene Chloride (Dichloromethane)	µg/L	n/v	5.00 U	6.88	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	2.5 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Tetrachloroethane, 1,1,2,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Tetrachloroethene (PCE)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.25	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethane, 1,1,1-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethane, 1,1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethene (TCE)	µg/L	n/v	2.00 U	2.14	2.86	2.00 U	2.62	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	1 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Vinyl Chloride	µg/L	n/v	10.1	33.0	4.96	2.00 U	10.3	2.00 U	2.00 U	9.14	1 U	2.00 U	2.00 U	2.00 U	35.9	2.00 U	16.4
Total VOC	µg/L	2,130[A]	108.9	149.02	20.32	ND	34.37	ND	ND	20.24	ND	ND	ND	ND	144.9	ND	55.2

Notes:

County of Monroe Sewer Use Permit Enclosure	County of Monroe Sewer Use Permit Enclosure (Permit Number: ST-256, District Number: 8575)
[A]	Site Specific Requirements
15.2	Measured concentration did not exceed the indicated standard.
0.03 U	Analyte was not detected at a concentration greater than the laboratory reporting limit.
n/v	No standard/guideline value.
-	Parameter not analyzed / not available.
ND	Not detected.

Table 6
Summary of Analytical Results in Post-Construction Purge Water and Discharge Permit Samples
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Date			13-Feb-17	14-Feb-17	14-Feb-17	8-May-17	15-Aug-17	15-Aug-17	14-Nov-17	1-Feb-18	2-Feb-18	14-May-18	10-Aug-18	8-Feb-19	20-Feb-19	9-May-19	11-Jun-19	14-Aug-19	26-Nov-19	27-May-20	18-Aug-20	20-Aug-20	12-May-21	20-Sep-21
Sample Location			LI-EL-W26	LI-EL-W27	LI-EL-W28	LI-EL-W29	LI-EL-W30	LI-EL-W31	LI-EL-W32	LI-EL-W33	LI-EL-W34	LI-EL-W35	LI-EW-36	LI-EL-W38	LI-EL-W38	LI-EL-W39	LI-EL-W40	LI-EL-W41	LI-EL-W42	LI-EL-W44	LI-EL-W45	LI-EL-W46		LI-EL-W47
Sample ID			LI-EL-W26	LI-EL-W27	LI-EL-W28	LI-EL-W29	LI-EL-W30	LI-EL-W31	LI-EL-W32	LI-EL-W33	LI-EL-W34	LI-EL-W35	LI-EW-36	LI-EL-W38	EL-W-38M Sump Sample	LI-EL-W39	LI-EL-W40	LI-EL-W41	LI-EL-W42	LI-EL-W44	LI-EL-W45	LI-EL-W46	LI-EL-W46	LI-EL-W47
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory		County of Monroe	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order		Sewer Use	170519	170547	170547	171925	173674	173674	175133	180390	180390	182055	183671	190524	190713	191994	192605	193927	195865	202246	203878	203944	212010	214223
Laboratory Sample ID		Permit	170519-01	170547-01	170547-02	171925-01	173674-01	173674-02	175133-01	180390-01	180390-02	182055-01	183671-01	190524-01	190713-01	191994-01	192605-01	193927-01	195865-01	202246-01	203878-01	203944-01	212010-01	214223-01
Sample Type	Units	Enclosure																						
Metals																								
Cadmium	mg/L	1.0[A]	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	-	0.00500 U	0.00250 U	0.00250 U	0.00250 U	0.00250 U	0.00250 U	0.00250 U	0.00250 U	0.00250 U	0.00250 U
Copper	mg/L	3.0[A]	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0400 U	0.0200 U	-	0.0214	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0179	0.0100 U	0.0100 U
Lead	mg/L	1.0[A]	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	-	0.0100 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.0101	0.00500 U	0.00500 U
Zinc	mg/L	5.0[A]	0.0600 U	0.0600 U	0.0600 U	0.0600 U	0.0600 U	0.0600 U	0.0906	0.0947	0.0600 U	0.0600 U	0.0600 U	-	0.0600 U	0.0724	0.0300 U	0.0300 U	0.0516	0.0412	0.0313	0.0300 U	0.121	0.0300 U
Volatile Organic Compounds																								
Bromodichloromethane	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Bromoform (Tribromomethane)	µg/L	n/v	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Bromomethane (Methyl bromide)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroethane (Ethyl Chloride)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroform (Trichloromethane)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloromethane	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dibromochloromethane	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,3-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,4-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,1-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, 1,1-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, cis-1,2-	µg/L	n/v	2.00 U	8.02	2.00 U	2.00 U	2.00 U	3.86	2.00 U	2.00 U	2.00 U	2.00 U	22.8	2.00 U	-	2.00 U	7.52	2.00 U	2.00 U	2.00 U	2.00 U	12.0	2.00 U	2.00 U
Dichloroethene, trans-1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropane, 1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropene, cis-1,3-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropene, trans-1,3-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylene Chloride (Dichloromethane)	µg/L	n/v	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	-	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Tetrachloroethane, 1,1,2,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Tetrachloroethene (PCE)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	3.10	2.00 U	2.00 U	2.00 U	2.00 U	3.30	2.00 U	2.00 U
Trichloroethane, 1,1,1-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethane, 1,1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethene (TCE)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.21	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.37	2.00 U	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Vinyl Chloride	µg/L	n/v	2.00 U	4.01	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	4.11	2.00 U	-	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Total VOC	µg/L	2,130[A]	ND	12.03	ND	ND	ND	3.86	ND	ND	ND	ND	29.12	ND	-	ND	10.62	ND	ND	ND	ND	17.67	ND	ND

Notes:

County of Monroe Sewer Use Permit Enclosure	County of Monroe Sewer Use Permit Enclosure (Permit Number: ST-256, District Number: 8575)
[A]	Site Specific Requirements
15.2	Measured concentration did not exceed the indicated standard.
0.03 U	Analyte was not detected at a concentration greater than the laboratory reporting limit.
n/v	No standard/guideline value.
-	Parameter not analyzed / not available.
ND	Not detected.

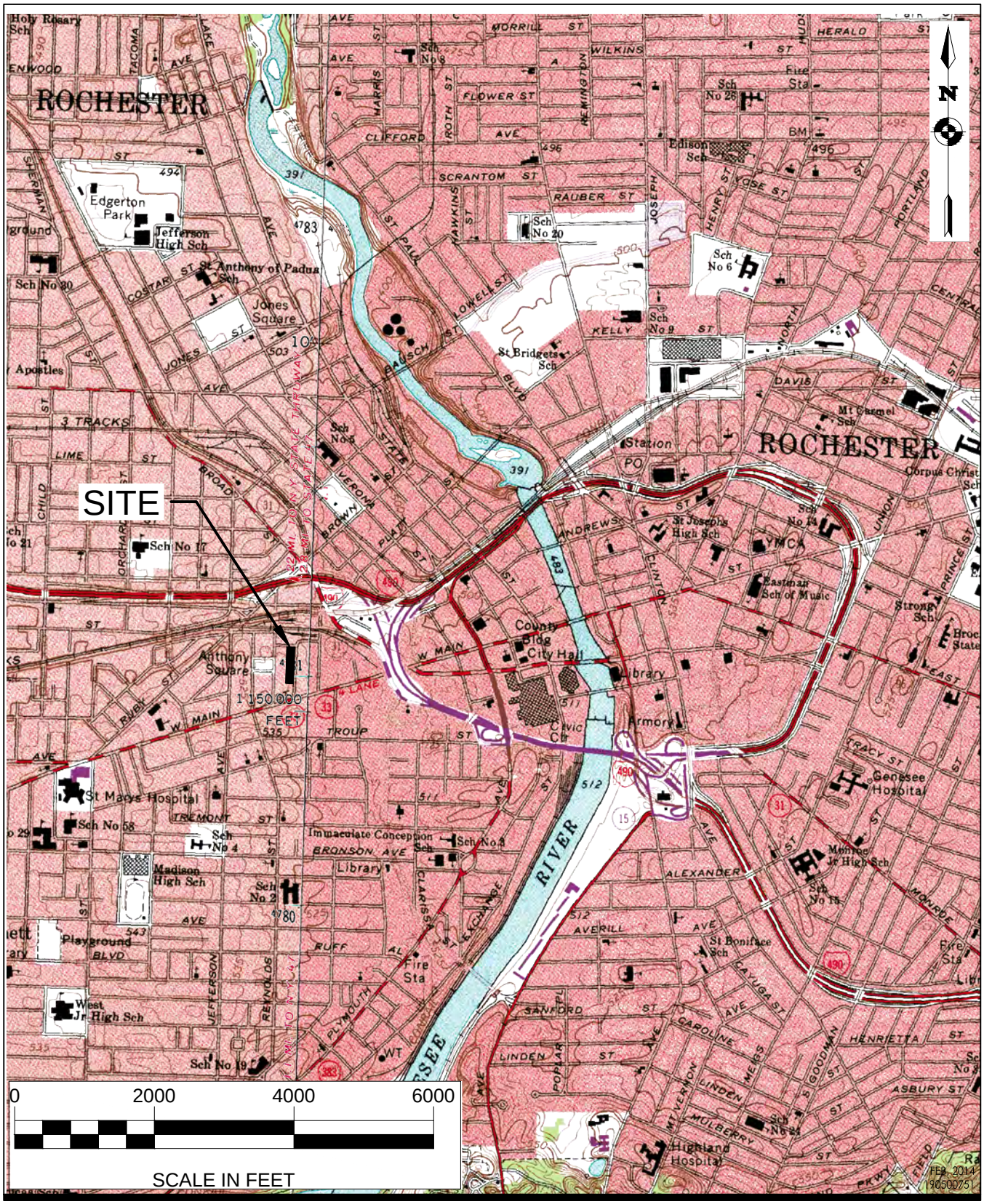
Table 6
Summary of Analytical Results in Post-Construction Purge Water and Discharge Permit Samples
Former Carriage Factory
33 Litchfield Street, Rochester, New York

Sample Date			22-Sep-21	8-Dec-21	16-Feb-22	17-May-22	13-Sep-22	13-Sep-22	12-Dec-22	22-Feb-23	18-May-23	13-Sep-23	27-Feb-24	14-May-24	5-Sep-24	5-Sep-24	12-Dec-24	14-Feb-2025
Sample Location			LI-EL-W48	LI-EL-W49	LI-EL-W50	LI-EL-W51	LI-EL-W52	LI-EL-W53	LI-EL-W54	LI-EL-W55	LI-EL-W56	LI-EL-W58	LI-EL-W57	LI-EL-W59	LI-EL-W60	LI-EL-W61	LI-EL-W62	LI-EL-W63
Sample ID			LI-EL-W48	LI-EL-W49	LI-EL-W50	LI-EL-W51	LI-EL-W52	LI-EL-W53	LI - EL - W54	LI - EL - W55	LI - EL - W56	LI-EL-W58	LI-EL-W57	LI-EL-W59	LI-EL-W60	LI-EL-W61	LI-EL-W62	LI-EL-W63
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order			214284	215526	220656	222278	224358	224359	225907	230689	232070	234186	240813	242135	244107	244108	245657	250590
Laboratory Sample ID			214284-01	215526-01	220656-01	222278-01	224358-01	224359-01	225907-01	230689-01	232070-01	234186-01	240813-01	242135-01	244107-01	244108-01	245657-01	250590-01
Sample Type	Units	County of Monroe Sewer Use Permit Enclosure																
Metals																		
Cadmium	mg/L	1.0[A]	0.00250 U	0.00250 U	0.00250 U	0.005 U	0.00250 U	0.00250 U	0.00250 U	0.00250 U	0.00250 U	-	-	-	-	-	-	-
Copper	mg/L	3.0[A]	0.0100 U	0.0100 U	0.0100 U	0.0080	0.0100 U	0.0100 U	0.0100 U	0.0100 U	0.0100 U	-	-	-	-	-	-	-
Lead	mg/L	1.0[A]	0.00500 U	0.00500 U	0.00500 U	0.01 U	0.00500 U	0.0124	0.00500 U	0.00500 U	0.00500 U	-	-	-	-	-	-	-
Zinc	mg/L	5.0[A]	0.0300 U	0.0300 U	0.0363	0.015	0.0300 U	0.0617	0.0300 U	0.0300 U	0.0300 U	-	-	-	-	-	-	-
Volatile Organic Compounds																		
Bromodichloromethane	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Bromoform (Tribromomethane)	µg/L	n/v	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Bromomethane (Methyl bromide)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroethane (Ethyl Chloride)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloroform (Trichloromethane)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Chloromethane	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	8.99	2.00 U	2.00 U	2.00 U	2.00 U
Dibromochloromethane	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,3-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichlorobenzene, 1,4-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,1-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethane, 1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, 1,1-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloroethene, cis-1,2-	µg/L	n/v	18.1	2.00 U	2.00 U	2.00 U	2.00 U	66.0	2.00 U	2.00 U	2.00 U	2.09	2.00 U	2.00 U	2.00 U	31.3	2.00 U	2.00 U
Dichloroethene, trans-1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropane, 1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropene, cis-1,3-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Dichloropropene, trans-1,3-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Methylene Chloride (Dichloromethane)	µg/L	n/v	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Tetrachloroethane, 1,1,2,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Tetrachloroethene (PCE)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	11.1	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	4.60	2.00 U	2.00 U
Trichloroethane, 1,1,1-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethane, 1,1,2-	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Trichloroethene (TCE)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	21.2	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	8.46	2.00 U	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	n/v	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Vinyl Chloride	µg/L	n/v	2.47	2.00 U	2.00 U	2.00 U	2.00 U	5.65	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	5.27	2.00 U	2.00 U
Total VOC	µg/L	2,130[A]	20.57	ND	ND	ND	ND	103.95	ND	ND	ND	2.09	ND	8.99 U	ND	49.63	ND	ND

Notes:

County of Monroe Sewer Use Permit Enclosure	County of Monroe Sewer Use Permit Enclosure (Permit Number: ST-256, District Number: 8575)
[A]	Site Specific Requirements
15.2	Measured concentration did not exceed the indicated standard.
0.03 U	Analyte was not detected at a concentration greater than the laboratory reporting limit.
n/v	No standard/guideline value.
-	Parameter not analyzed / not available.
ND	Not detected.

FIGURES



ORIGINAL SHEET - ANSI A
U:\190500751\drawing\CAD\PRR\April 2016\Figure 1 - Site Location Map.dwg

Stantec

61 Commercial Street, Suite 100
Rochester, New York USA 14614
585.475.1440 www.stantec.com

Client/Project

CARRIAGE FACTORY SPECIAL NEEDS APARTMENTS, L.P.

BROWNFIELD CLEANUP PROGRAM

33 LITCHFIELD STREET, ROCHESTER , NY 14608

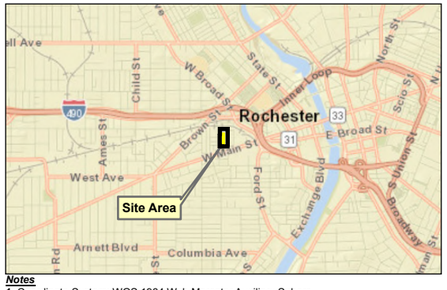
Figure No.

1

Title

PERIODIC REVIEW REPORT
SITE LOCATION MAP





Notes

1. Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere
2. Background: World Street Map: Esri, HERE, Garmin, INCREMENT P, NGA, USGS wms_Latest: Aerial obtained from WMS: https://orthos.its.ny.gov/ArcGIS/services/wms/Latest/MapServer/WMSServer?
3. RW-5R was installed as a replacement well for RW-5, which was found to be damaged during the September 2023 groundwater event and subsequently decommissioned. Replacement well RW-5R was installed, developed, and surveyed in December 2023.

Legend

- Groundwater Monitoring Well Included in Annual Sampling Program
- Other Groundwater Monitoring Well
- Site Property Boundary
- Other Property Boundary

0 45 90 Feet
(At original document size of 11x17)
1:540

N

Stantec

Project Location
33 Litchfield Street
C. of Rochester, Monroe Co., NY

Prepared by LB on 2024-04-02
Reviewed by DH on 2024-04-04

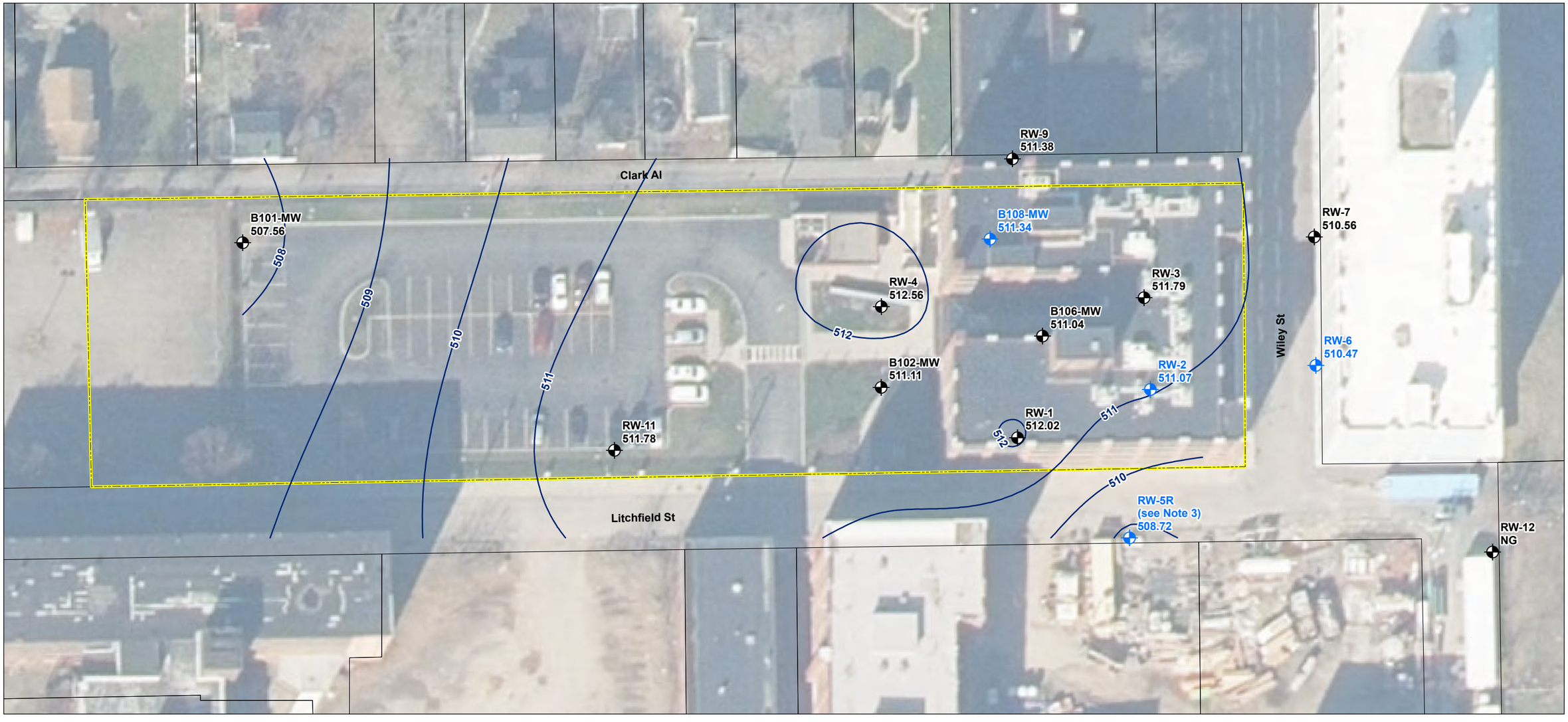
Client/Project
213415055
Former Carriage Factory
BCP Site No. C828184
Periodic Review Report

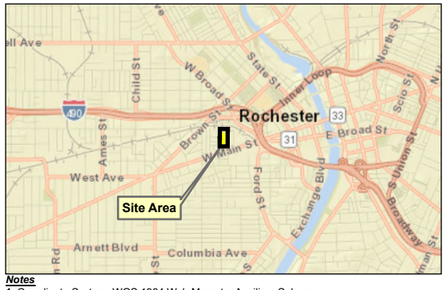
Figure No.
2

Title
Groundwater Monitoring Wells

Disclaimer: This document has been prepared based on information provided by others as cited in the Notes section. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.

\\ad2275-pfs01\shared_projects\213415055\05_report_delivdwgs_design\GIS_figures\PRR\fig2_mw_network_profile2_mw_network_pro.aprx Revised: 2025-04-04 By: nicholsen





Legend

- Groundwater Monitoring Well Included in Annual Sampling Program
- Other Groundwater Monitoring Well
- Groundwater Elevation Contour (ft)
- Site Property Boundary
- Other Property Boundary

0 45 90 Feet

(At original document size of 11x17)
1:540

N

Notes

1. Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere
2. Background: World Street Map: Esri, HERE, Garmin, INCREMENT P, NGA, USGS
wms_Latest: Aerial obtained from WMS: https://orthos.its.ny.gov/ArcGIS/services/wms/Latest/MapServer/WMSServer?
3. Monitoring well gauging was performed on September 5, 2024. NG=not gauged. RW-5R was installed as a replacement well for RW-5, which was found to be damaged during the September 2023 groundwater event and subsequently decommissioned. Replacement well RW-5R was installed, developed, and surveyed in December 2023. RW-12 was not able to be located during the event and was therefore not gauged.

Stantec

Project Location
33 Litchfield Street
C. of Rochester, Monroe Co., NY

Prepared by LB on 2024-04-02
Reviewed by DH on 2024-04-04

Client/Project
213415055
Former Carriage Factory
BCP Site No. C828184
Periodic Review Report

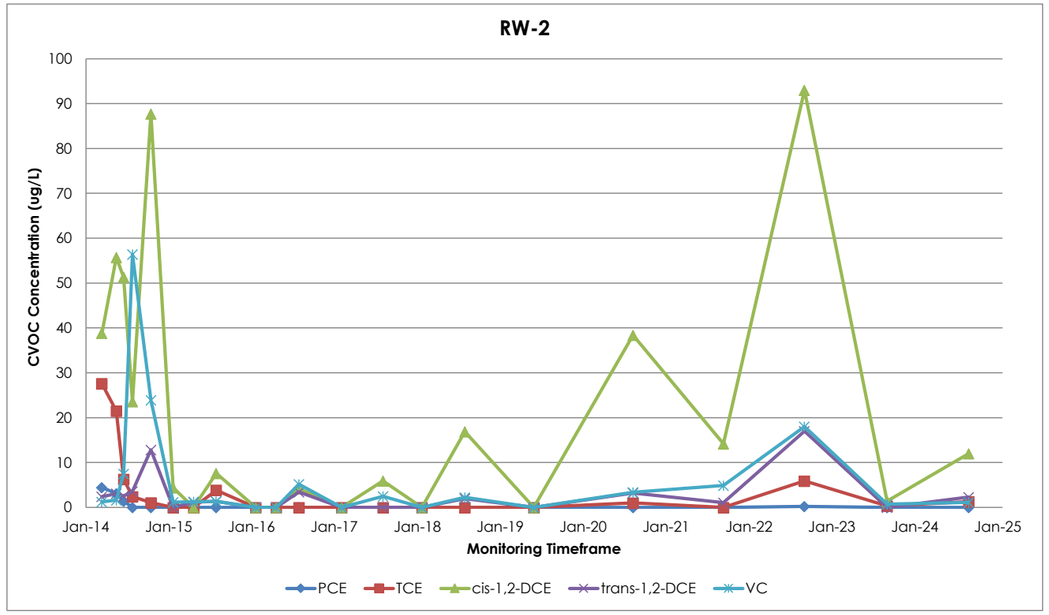
Figure No.
3

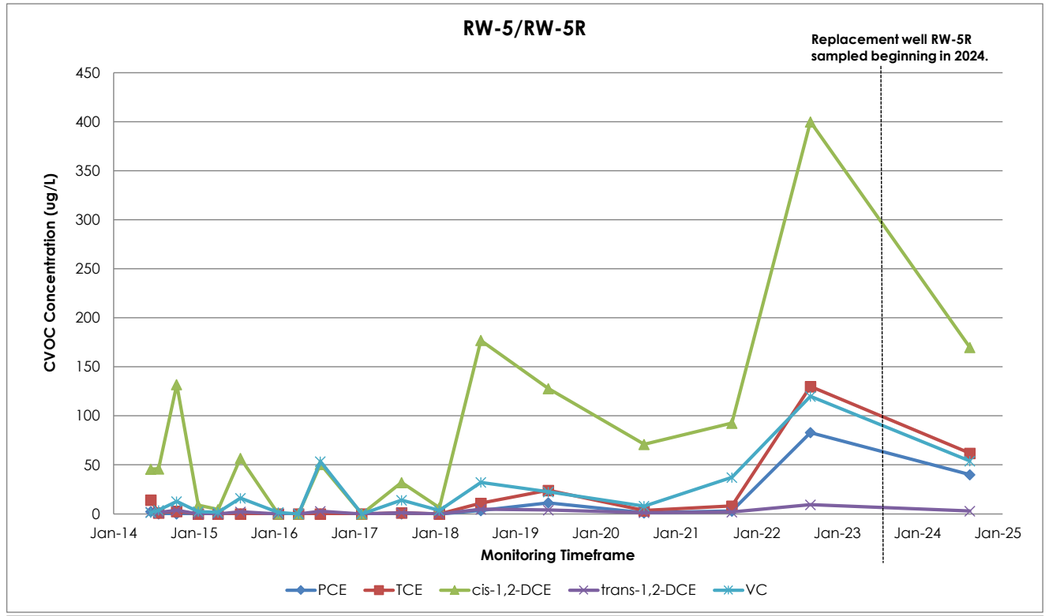
Title
Well Gauging Results and Interpreted Groundwater Elevation Contour Map - September 5, 2024

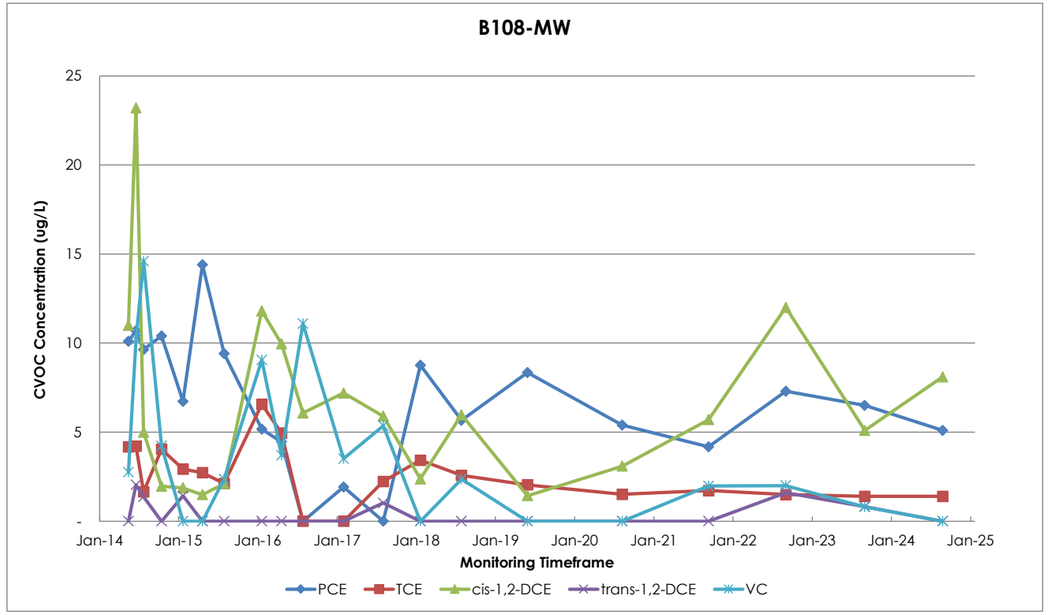
Disclaimer: This document has been prepared based on information provided by others as cited in the Notes section. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.

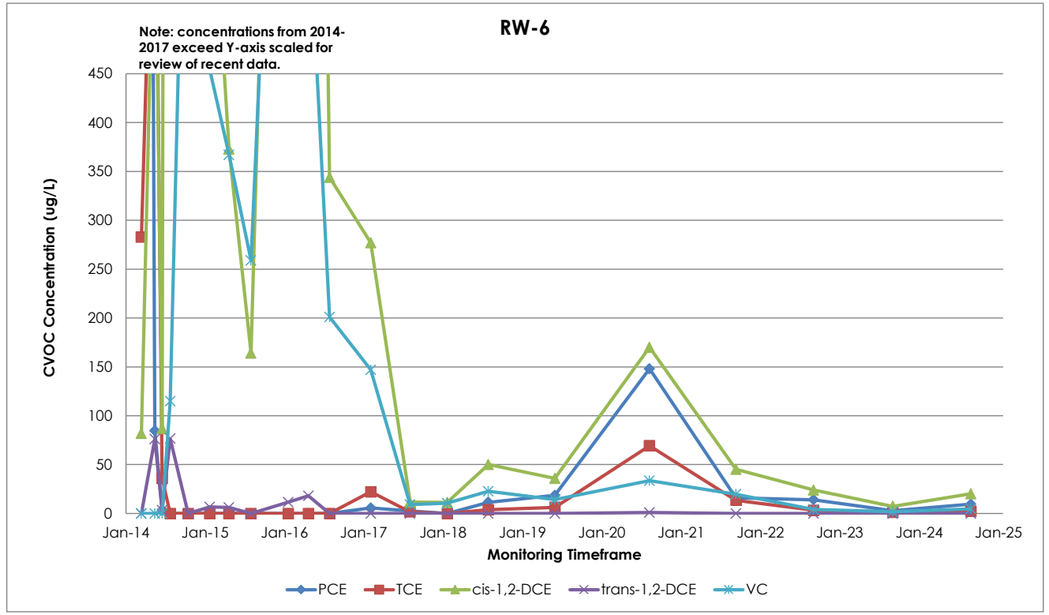
\\US275vdiss01\shared_projects\213415055\05_report_drafts\figures_design\GIS_figures\PRR\fig3_new_standard_Revised_2025-04-04_By_mjchalsen

Figure 4
Plots of CVOC Degradation Over Time - Sampled Wells
Former Carriage Factory
33 Litchfield Street, Rochester, NY

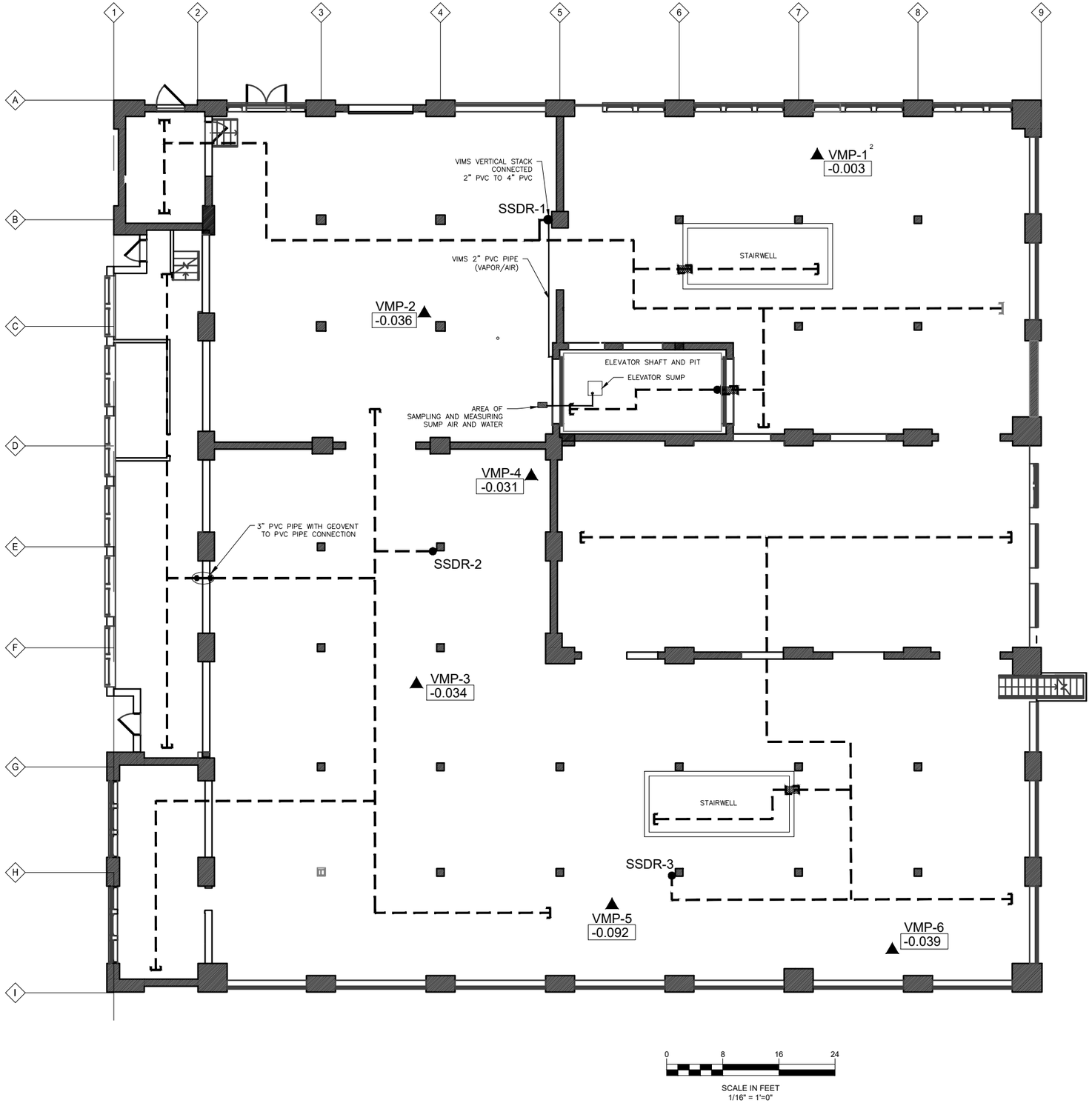








Stantec



\\Us0275-pnfs01\shared_projects\213415055\05_report_deliv\dwgs_design\CAD_Figures\Figure 5\Figure 5 Sub-Slab Depressurization System Layout.dwg
2025/04/03 10:26 AM By: Less, Andy

ORIGINAL SHEET – ANSI D

Stantec
61 COMMERCIAL STREET – Suite 100
ROCHESTER, NY
14614
Tel. 585-475-1440

www.stantec.com

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing – any errors or omissions shall be reported to Stantec without delay.
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Consultants

Legend

- VACUUM MONITORING POINTS (VMP)
- RISER PIPE (SSDR-1)
- GEOVENT WITH CAP
- SOLID PVC PIPE
- 3" PVC PIPE WITH GEOVENT TO PVC PIPE CONNECTION
- METAL SLEEVES
- -0.036 SUB-SLAB VACUUM READING ON 2/14/2025 UNITS : INCHES OF WATER COLUMN

Notes

1.) VIMS (LIQUID BOOT MEMBRANE SECTION) APPLICATION UNDER ALL CONCRETE SLAB HORIZONTAL APPLICATION

2.) DIFFERENTIAL PRESSURE AT VMP-1 EXHIBITED MEASUREMENTS RANGING BETWEEN -0.007 AND 0.009 INCHES OF WATER.

Revision	By	Appd.	YY.MM.DD
2025 PRR REPORT - SSDS MONITORING			
2024 PRR REPORT - SSDS MONITORING			
2023 PRR REPORT - SSDS MONITORING			
2022 PRR REPORT - SSDS MONITORING			
2019 PRR REPORT - SSDS MONITORING			

Issued	By	Appd.	YY.MM.DD
AS-BUILT DRAWINGS	BH/AL	PN	14.12.05

File Name:	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project

FORMER CARRIAGE FACTORY
PERIODIC REVIEW REPORT

BROWNFIELD CLEANUP PROGRAM
SITE NO. C828184
33 LITCHFIELD STREET, ROCHESTER , NY

Title

ANNUAL SSDS VACUUM MONITORING, FEBRUARY 2025

Project No.	Scale	
213415055	AS SHOWN	
Drawing No.	Sheet	Revision
FIGURE 5	of	0

APPENDIX A
IC/EC Certification Forms

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. C828184

Site Name Carriage Factory

Site Address: 33 Litchfield Street Zip Code: 14608
City/Town: Rochester
County: Monroe
Site Acreage: 1.506

Reporting Period: March 16, 2024 to March 16, 2025

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

Box 2

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

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

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

Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☑

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☑	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C828184 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
120.36-2-20	Carriage Factory Special Needs Apts, LP	Ground Water Use Restriction Landuse Restriction Site Management Plan IC/EC Plan Monitoring Plan O&M Plan

A Site Management Plan which includes a soil excavation plan and IC/EC plan.

An environmental easement that requires compliance with SMP; provides for periodic certification; limits site use to restricted residential, commercial or industrial uses; and restricts the use of groundwater as a potable source.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
120.36-2-20	Groundwater Treatment System Vapor Mitigation Cover System

Cover System: The sitewide cover system consists either of the on-site buildings, pavement, sidewalks or two feet of clean soil.

Sub-slab Depressurization system: Continued operation of the SSDS in the main occupied building is required.

Groundwater Remediation System: Continued monitoring and operation of the groundwater treatment system.

Box 5

Periodic Review Report (PRR) Certification Statements

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

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

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

YES	NO
☑	☐

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

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

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

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

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

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

YES	NO
☑	☐

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

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

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. C828184

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

I Johnathan S. Penna, Esq. (print name) at 1931 Buffalo Road, Rochester, NY 14624 (print business address),

am certifying as Owner, Chief Legal Officer, DePaul Properties, Inc (Owner or Remedial Party)

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

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

4/10/2025
Date

EC CERTIFICATIONS

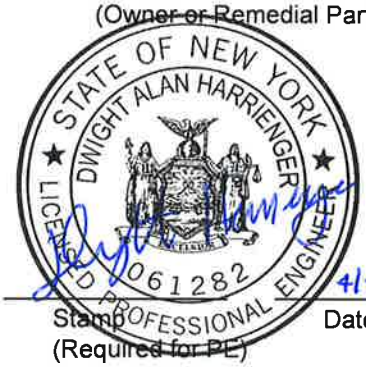
Box 7

Professional Engineer Signature

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

I Dwight Harrienger (print name) at 61 Commercial Street, Suite 100, Rochester, NY 14614 (print business address)

am certifying as a Professional Engineer for the Owner (Owner or Remedial Party)



Dwight Harrienger — Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

4/7/2025 — Date

APPENDIX B
Field Monitoring Logs

Monthly monitoring – sub –slab depressurization system

date	name	Vacuum inches water column				Pilot light on			
		Fan-1	Fan-2	Fan-3		Fan-1	Fan-2	Fan-3	
1/3/24	AW	2.3	2.4	2.1		✓	✓	✓	
2/1/24	AS	2.3	2.4	2.0		✓	✓	✓	
3/1/24	AW	2.4	2.4	2.1		✓	✓	✓	
4/1/24	AS	2.3	2.3	2.1		✓	✓	✓	
5/2/24	AW	2.1	2.3	2.0		✓	✓	✓	
6/4/24	AW	2.1	2.3	2.0		✓	✓	✓	
7/4/24	AW	2.1	2.3	2.1		✓	✓	✓	
8/1/24	AW	2.1	2.2	2.0		✓	✓	✓	
9/3/24	AW	2.2	2.3	2.1		✓	✓	✓	
10/1/24	AW	2.1	2.3	2.1		✓	✓	✓	
11/1/24	AW	2.2	2.3	2.1		✓	✓	✓	
12/3/24	AW	2.3	2.3	2.1		✓	✓	✓	

Monthly monitoring – sub –slab depressurization system

date	name	Vacuum inches water column				Pilot light on			
		Fan-1	Fan-2	Fan-3		Fan-1	Fan-2	Fan-3	
1/4/25	AW	2.4	2.3	2.0		✓	✓	✓	
2/4/25	AW	2.3	2.3	2.0		✓	✓	✓	

APPENDIX C
Laboratory Analytical Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Ryan Malia
Stantec Consulting Services Inc
61 Commercial Street
Suite100
Rochester, New York 14614

Generated 9/13/2024 2:09:01 PM

JOB DESCRIPTION

Carriage Factory – Annual Groundwater

JOB NUMBER

480-223156-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



Generated
9/13/2024 2:09:01 PM

Authorized for release by
John Beninati, Project Manager I
John.Beninati@et.eurofinsus.com
(716)504-9874

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 8
Surrogate Summary 18
QC Sample Results 19
QC Association Summary 28
Lab Chronicle 29
Certification Summary 30
Method Summary 31
Sample Summary 32
Chain of Custody 33
Receipt Checklists 34

Definitions/Glossary

Client: Stantec Consulting Services Inc
Job ID: 480-223156-1
Project/Site: Carriage Factory – Annual Groundwater

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 480-223156-1 Eurofins Buffalo

Job Narrative
480-223156-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 9/6/2024 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.6°C.

GC/MS VOA
Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: LI-FD-ANNUAL2024 (480-223156-5). Elevated reporting limits (RLs) are provided.

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: LI-RW5R-ANNUAL2024 (480-223156-3). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-724679 recovered above the upper control limit for Methylcyclohexane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: LI-B108-MW-ANNUAL2024 (480-223156-1) and LI-RW5R-ANNUAL2024 (480-223156-3).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Stantec Consulting Services Inc
Job ID: 480-223156-1
Project/Site: Carriage Factory – Annual Groundwater

Client Sample ID: LI-B108-MW-ANNUAL2024 — Lab Sample ID: 480-223156-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	8.1		1.0		ug/L	1		8260C	Total/NA
Tetrachloroethene	5.1		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	1.4		1.0		ug/L	1		8260C	Total/NA
Total Organic Carbon	1.1		1.0		mg/L	1		SM 5310C	Total/NA
TOC Result 1	1.1		1.0		mg/L	1		SM 5310C	Total/NA
TOC Result 3	1.2		1.0		mg/L	1		SM 5310C	Total/NA

Client Sample ID: LI-RW2-ANNUAL2024 — Lab Sample ID: 480-223156-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	12		1.0		ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	2.3		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	1.3		1.0		ug/L	1		8260C	Total/NA
Vinyl chloride	1.1		1.0		ug/L	1		8260C	Total/NA
Total Organic Carbon	1.6		1.0		mg/L	1		SM 5310C	Total/NA
TOC Result 1	1.7		1.0		mg/L	1		SM 5310C	Total/NA
TOC Result 2	1.5		1.0		mg/L	1		SM 5310C	Total/NA
TOC Result 3	1.7		1.0		mg/L	1		SM 5310C	Total/NA
TOC Result 4	1.5		1.0		mg/L	1		SM 5310C	Total/NA

Client Sample ID: LI-RW5R-ANNUAL2024 — Lab Sample ID: 480-223156-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	4.1		1.0		ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	170	E	1.0		ug/L	1		8260C	Total/NA
Tetrachloroethene	40		1.0		ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	3.0		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	62		1.0		ug/L	1		8260C	Total/NA
Vinyl chloride	54		1.0		ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene - DL	170		4.0		ug/L	4		8260C	Total/NA
Tetrachloroethene - DL	34		4.0		ug/L	4		8260C	Total/NA
Trichloroethene - DL	57		4.0		ug/L	4		8260C	Total/NA
Vinyl chloride - DL	50		4.0		ug/L	4		8260C	Total/NA
Total Organic Carbon	4.5		1.0		mg/L	1		SM 5310C	Total/NA
TOC Result 1	4.5		1.0		mg/L	1		SM 5310C	Total/NA
TOC Result 2	4.5		1.0		mg/L	1		SM 5310C	Total/NA
TOC Result 3	4.6		1.0		mg/L	1		SM 5310C	Total/NA
TOC Result 4	4.4		1.0		mg/L	1		SM 5310C	Total/NA

Client Sample ID: LI-RW6-ANNUAL2024 — Lab Sample ID: 480-223156-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	20		1.0		ug/L	1		8260C	Total/NA
Tetrachloroethene	9.4		1.0		ug/L	1		8260C	Total/NA
Trichloroethene	2.2		1.0		ug/L	1		8260C	Total/NA
Vinyl chloride	4.7		1.0		ug/L	1		8260C	Total/NA
Total Organic Carbon	1.3		1.0		mg/L	1		SM 5310C	Total/NA
TOC Result 1	1.4		1.0		mg/L	1		SM 5310C	Total/NA
TOC Result 2	1.1		1.0		mg/L	1		SM 5310C	Total/NA
TOC Result 3	1.4		1.0		mg/L	1		SM 5310C	Total/NA
TOC Result 4	1.2		1.0		mg/L	1		SM 5310C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Stantec Consulting Services Inc
Job ID: 480-223156-1
Project/Site: Carriage Factory – Annual Groundwater

Client Sample ID: LI-FD-ANNUAL2024 — Lab Sample ID: 480-223156-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	4.0		4.0		ug/L	4		8260C	Total/NA
cis-1,2-Dichloroethene	170		4.0		ug/L	4		8260C	Total/NA
Tetrachloroethene	37		4.0		ug/L	4		8260C	Total/NA
Trichloroethene	57		4.0		ug/L	4		8260C	Total/NA
Vinyl chloride	50		4.0		ug/L	4		8260C	Total/NA
Total Organic Carbon	3.9		1.0		mg/L	1		SM 5310C	Total/NA
TOC Result 1	4.0		1.0		mg/L	1		SM 5310C	Total/NA
TOC Result 2	3.8		1.0		mg/L	1		SM 5310C	Total/NA
TOC Result 3	4.0		1.0		mg/L	1		SM 5310C	Total/NA
TOC Result 4	3.8		1.0		mg/L	1		SM 5310C	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-223156-6

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Stantec Consulting Services Inc
Job ID: 480-223156-1
Project/Site: Carriage Factory – Annual Groundwater

Client Sample ID: LI-B108-MW-ANNUAL2024
Lab Sample ID: 480-223156-1
Date Collected: 09/05/24 14:05
Matrix: Water
Date Received: 09/06/24 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			09/11/24 13:27	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			09/11/24 13:27	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/11/24 13:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0		ug/L			09/11/24 13:27	1
1,1-Dichloroethane	ND		1.0		ug/L			09/11/24 13:27	1
1,1-Dichloroethene	ND		1.0		ug/L			09/11/24 13:27	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/11/24 13:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			09/11/24 13:27	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/11/24 13:27	1
1,2-Dichloroethane	ND		1.0		ug/L			09/11/24 13:27	1
1,2-Dichloropropane	ND		1.0		ug/L			09/11/24 13:27	1
1,3-Dichlorobenzene	ND		1.0		ug/L			09/11/24 13:27	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/11/24 13:27	1
2-Butanone (MEK)	ND		10		ug/L			09/11/24 13:27	1
2-Hexanone	ND		5.0		ug/L			09/11/24 13:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			09/11/24 13:27	1
Acetone	ND		10		ug/L			09/11/24 13:27	1
Benzene	ND		1.0		ug/L			09/11/24 13:27	1
Bromodichloromethane	ND		1.0		ug/L			09/11/24 13:27	1
Bromoform	ND		1.0		ug/L			09/11/24 13:27	1
Bromomethane	ND		1.0		ug/L			09/11/24 13:27	1
Carbon disulfide	ND		1.0		ug/L			09/11/24 13:27	1
Carbon tetrachloride	ND		1.0		ug/L			09/11/24 13:27	1
Chlorobenzene	ND		1.0		ug/L			09/11/24 13:27	1
Dibromochloromethane	ND		1.0		ug/L			09/11/24 13:27	1
Chloroethane	ND		1.0		ug/L			09/11/24 13:27	1
Chloroform	ND		1.0		ug/L			09/11/24 13:27	1
Chloromethane	ND		1.0		ug/L			09/11/24 13:27	1
cis-1,2-Dichloroethene	**8.1**		1.0		ug/L			09/11/24 13:27	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			09/11/24 13:27	1
Cyclohexane	ND		1.0		ug/L			09/11/24 13:27	1
Dichlorodifluoromethane	ND		1.0		ug/L			09/11/24 13:27	1
Ethylbenzene	ND		1.0		ug/L			09/11/24 13:27	1
1,2-Dibromoethane	ND		1.0		ug/L			09/11/24 13:27	1
Isopropylbenzene	ND		1.0		ug/L			09/11/24 13:27	1
Methyl acetate	ND		2.5		ug/L			09/11/24 13:27	1
Methyl tert-butyl ether	ND		1.0		ug/L			09/11/24 13:27	1
Methylcyclohexane	ND		1.0		ug/L			09/11/24 13:27	1
Methylene Chloride	ND		1.0		ug/L			09/11/24 13:27	1
Styrene	ND		1.0		ug/L			09/11/24 13:27	1
Tetrachloroethene	**5.1**		1.0		ug/L			09/11/24 13:27	1
Toluene	ND		1.0		ug/L			09/11/24 13:27	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			09/11/24 13:27	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			09/11/24 13:27	1
Trichloroethene	**1.4**		1.0		ug/L			09/11/24 13:27	1
Trichlorofluoromethane	ND		1.0		ug/L			09/11/24 13:27	1
Vinyl chloride	ND		1.0		ug/L			09/11/24 13:27	1
Xylenes, Total	ND		2.0		ug/L			09/11/24 13:27	1

Client Sample ID: LI-B108-MW-ANNUAL2024
Lab Sample ID: 480-223156-1

Date Collected: 09/05/24 14:05
Matrix: Water
Date Received: 09/06/24 10:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*80 - 120*		*09/11/24 13:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*09/11/24 13:27*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*09/11/24 13:27*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*09/11/24 13:27*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	**1.1**		1.0		mg/L			09/09/24 20:39	1
TOC Result 1 (SM 5310C)	**1.1**		1.0		mg/L			09/09/24 20:39	1
TOC Result 2 (SM 5310C)	ND		1.0		mg/L			09/09/24 20:39	1
TOC Result 3 (SM 5310C)	**1.2**		1.0		mg/L			09/09/24 20:39	1
TOC Result 4 (SM 5310C)	ND		1.0		mg/L			09/09/24 20:39	1

Client Sample ID: LI-RW2-ANNUAL2024
Lab Sample ID: 480-223156-2

Date Collected: 09/05/24 12:40
Matrix: Water
Date Received: 09/06/24 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			09/10/24 17:26	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			09/10/24 17:26	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/10/24 17:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0		ug/L			09/10/24 17:26	1
1,1-Dichloroethane	ND		1.0		ug/L			09/10/24 17:26	1
1,1-Dichloroethene	ND		1.0		ug/L			09/10/24 17:26	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/10/24 17:26	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			09/10/24 17:26	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/10/24 17:26	1
1,2-Dichloroethane	ND		1.0		ug/L			09/10/24 17:26	1
1,2-Dichloropropane	ND		1.0		ug/L			09/10/24 17:26	1
1,3-Dichlorobenzene	ND		1.0		ug/L			09/10/24 17:26	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/10/24 17:26	1
2-Butanone (MEK)	ND		10		ug/L			09/10/24 17:26	1
2-Hexanone	ND		5.0		ug/L			09/10/24 17:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			09/10/24 17:26	1
Acetone	ND		10		ug/L			09/10/24 17:26	1
Benzene	ND		1.0		ug/L			09/10/24 17:26	1
Bromodichloromethane	ND		1.0		ug/L			09/10/24 17:26	1
Bromoform	ND		1.0		ug/L			09/10/24 17:26	1
Bromomethane	ND		1.0		ug/L			09/10/24 17:26	1
Carbon disulfide	ND		1.0		ug/L			09/10/24 17:26	1
Carbon tetrachloride	ND		1.0		ug/L			09/10/24 17:26	1
Chlorobenzene	ND		1.0		ug/L			09/10/24 17:26	1
Dibromochloromethane	ND		1.0		ug/L			09/10/24 17:26	1
Chloroethane	ND		1.0		ug/L			09/10/24 17:26	1
Chloroform	ND		1.0		ug/L			09/10/24 17:26	1
Chloromethane	ND		1.0		ug/L			09/10/24 17:26	1
cis-1,2-Dichloroethene	**12**		1.0		ug/L			09/10/24 17:26	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			09/10/24 17:26	1
Cyclohexane	ND		1.0		ug/L			09/10/24 17:26	1
Dichlorodifluoromethane	ND		1.0		ug/L			09/10/24 17:26	1

Client Sample ID: LI-RW2-ANNUAL2024
Lab Sample ID: 480-223156-2

Date Collected: 09/05/24 12:40
Matrix: Water
Date Received: 09/06/24 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0		ug/L			09/10/24 17:26	1
1,2-Dibromoethane	ND		1.0		ug/L			09/10/24 17:26	1
Isopropylbenzene	ND		1.0		ug/L			09/10/24 17:26	1
Methyl acetate	ND		2.5		ug/L			09/10/24 17:26	1
Methyl tert-butyl ether	ND		1.0		ug/L			09/10/24 17:26	1
Methylcyclohexane	ND		1.0		ug/L			09/10/24 17:26	1
Methylene Chloride	ND		1.0		ug/L			09/10/24 17:26	1
Styrene	ND		1.0		ug/L			09/10/24 17:26	1
Tetrachloroethene	ND		1.0		ug/L			09/10/24 17:26	1
Toluene	ND		1.0		ug/L			09/10/24 17:26	1
trans-1,2-Dichloroethene	**2.3**		1.0		ug/L			09/10/24 17:26	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			09/10/24 17:26	1
Trichloroethene	**1.3**		1.0		ug/L			09/10/24 17:26	1
Trichlorofluoromethane	ND		1.0		ug/L			09/10/24 17:26	1
Vinyl chloride	**1.1**		1.0		ug/L			09/10/24 17:26	1
Xylenes, Total	ND		2.0		ug/L			09/10/24 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*109*		*80 - 120*		*09/10/24 17:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*09/10/24 17:26*	*1*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*09/10/24 17:26*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*09/10/24 17:26*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	**1.6**		1.0		mg/L			09/09/24 22:02	1
TOC Result 1 (SM 5310C)	**1.7**		1.0		mg/L			09/09/24 22:02	1
TOC Result 2 (SM 5310C)	**1.5**		1.0		mg/L			09/09/24 22:02	1
TOC Result 3 (SM 5310C)	**1.7**		1.0		mg/L			09/09/24 22:02	1
TOC Result 4 (SM 5310C)	**1.5**		1.0		mg/L			09/09/24 22:02	1

Client Sample ID: LI-RW5R-ANNUAL2024
Lab Sample ID: 480-223156-3

Date Collected: 09/05/24 15:25
Matrix: Water
Date Received: 09/06/24 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			09/10/24 17:49	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			09/10/24 17:49	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/10/24 17:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0		ug/L			09/10/24 17:49	1
1,1-Dichloroethane	ND		1.0		ug/L			09/10/24 17:49	1
1,1-Dichloroethene	ND		1.0		ug/L			09/10/24 17:49	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/10/24 17:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			09/10/24 17:49	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/10/24 17:49	1
1,2-Dichloroethane	ND		1.0		ug/L			09/10/24 17:49	1
1,2-Dichloropropane	ND		1.0		ug/L			09/10/24 17:49	1
1,3-Dichlorobenzene	ND		1.0		ug/L			09/10/24 17:49	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/10/24 17:49	1

Client: Stantec Consulting Services Inc
Job ID: 480-223156-1
Project/Site: Carriage Factory – Annual Groundwater

Client Sample ID: LI-RW5R-ANNUAL2024
Lab Sample ID: 480-223156-3
Date Collected: 09/05/24 15:25
Matrix: Water
Date Received: 09/06/24 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	ND		10		ug/L			09/10/24 17:49	1
2-Hexanone	ND		5.0		ug/L			09/10/24 17:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			09/10/24 17:49	1
Acetone	ND		10		ug/L			09/10/24 17:49	1
Benzene	**4.1**		1.0		ug/L			09/10/24 17:49	1
Bromodichloromethane	ND		1.0		ug/L			09/10/24 17:49	1
Bromoform	ND		1.0		ug/L			09/10/24 17:49	1
Bromomethane	ND		1.0		ug/L			09/10/24 17:49	1
Carbon disulfide	ND		1.0		ug/L			09/10/24 17:49	1
Carbon tetrachloride	ND		1.0		ug/L			09/10/24 17:49	1
Chlorobenzene	ND		1.0		ug/L			09/10/24 17:49	1
Dibromochloromethane	ND		1.0		ug/L			09/10/24 17:49	1
Chloroethane	ND		1.0		ug/L			09/10/24 17:49	1
Chloroform	ND		1.0		ug/L			09/10/24 17:49	1
Chloromethane	ND		1.0		ug/L			09/10/24 17:49	1
cis-1,2-Dichloroethene	**170**	**E**	1.0		ug/L			09/10/24 17:49	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			09/10/24 17:49	1
Cyclohexane	ND		1.0		ug/L			09/10/24 17:49	1
Dichlorodifluoromethane	ND		1.0		ug/L			09/10/24 17:49	1
Ethylbenzene	ND		1.0		ug/L			09/10/24 17:49	1
1,2-Dibromoethane	ND		1.0		ug/L			09/10/24 17:49	1
Isopropylbenzene	ND		1.0		ug/L			09/10/24 17:49	1
Methyl acetate	ND		2.5		ug/L			09/10/24 17:49	1
Methyl tert-butyl ether	ND		1.0		ug/L			09/10/24 17:49	1
Methylcyclohexane	ND		1.0		ug/L			09/10/24 17:49	1
Methylene Chloride	ND		1.0		ug/L			09/10/24 17:49	1
Styrene	ND		1.0		ug/L			09/10/24 17:49	1
Tetrachloroethene	**40**		1.0		ug/L			09/10/24 17:49	1
Toluene	ND		1.0		ug/L			09/10/24 17:49	1
trans-1,2-Dichloroethene	**3.0**		1.0		ug/L			09/10/24 17:49	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			09/10/24 17:49	1
Trichloroethene	**62**		1.0		ug/L			09/10/24 17:49	1
Trichlorofluoromethane	ND		1.0		ug/L			09/10/24 17:49	1
Vinyl chloride	**54**		1.0		ug/L			09/10/24 17:49	1
Xylenes, Total	ND		2.0		ug/L			09/10/24 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*107*		*80 - 120*		*09/10/24 17:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*09/10/24 17:49*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*09/10/24 17:49*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*09/10/24 17:49*	*1*

Method: SW846 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0		ug/L			09/11/24 13:52	4
1,1,2,2-Tetrachloroethane	ND		4.0		ug/L			09/11/24 13:52	4
1,1,2-Trichloroethane	ND		4.0		ug/L			09/11/24 13:52	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0		ug/L			09/11/24 13:52	4
1,1-Dichloroethane	ND		4.0		ug/L			09/11/24 13:52	4
1,1-Dichloroethene	ND		4.0		ug/L			09/11/24 13:52	4

Client: Stantec Consulting Services Inc
Job ID: 480-223156-1
Project/Site: Carriage Factory – Annual Groundwater

Client Sample ID: LI-RW5R-ANNUAL2024
Lab Sample ID: 480-223156-3
Date Collected: 09/05/24 15:25
Matrix: Water
Date Received: 09/06/24 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		4.0		ug/L			09/11/24 13:52	4
1,2-Dibromo-3-Chloropropane	ND		4.0		ug/L			09/11/24 13:52	4
1,2-Dichlorobenzene	ND		4.0		ug/L			09/11/24 13:52	4
1,2-Dichloroethane	ND		4.0		ug/L			09/11/24 13:52	4
1,2-Dichloropropane	ND		4.0		ug/L			09/11/24 13:52	4
1,3-Dichlorobenzene	ND		4.0		ug/L			09/11/24 13:52	4
1,4-Dichlorobenzene	ND		4.0		ug/L			09/11/24 13:52	4
2-Butanone (MEK)	ND		40		ug/L			09/11/24 13:52	4
2-Hexanone	ND		20		ug/L			09/11/24 13:52	4
4-Methyl-2-pentanone (MIBK)	ND		20		ug/L			09/11/24 13:52	4
Acetone	ND		40		ug/L			09/11/24 13:52	4
Benzene	ND		4.0		ug/L			09/11/24 13:52	4
Bromodichloromethane	ND		4.0		ug/L			09/11/24 13:52	4
Bromoform	ND		4.0		ug/L			09/11/24 13:52	4
Bromomethane	ND		4.0		ug/L			09/11/24 13:52	4
Carbon disulfide	ND		4.0		ug/L			09/11/24 13:52	4
Carbon tetrachloride	ND		4.0		ug/L			09/11/24 13:52	4
Chlorobenzene	ND		4.0		ug/L			09/11/24 13:52	4
Dibromochloromethane	ND		4.0		ug/L			09/11/24 13:52	4
Chloroethane	ND		4.0		ug/L			09/11/24 13:52	4
Chloroform	ND		4.0		ug/L			09/11/24 13:52	4
Chloromethane	ND		4.0		ug/L			09/11/24 13:52	4
cis-1,2-Dichloroethene	**170**		4.0		ug/L			09/11/24 13:52	4
cis-1,3-Dichloropropene	ND		4.0		ug/L			09/11/24 13:52	4
Cyclohexane	ND		4.0		ug/L			09/11/24 13:52	4
Dichlorodifluoromethane	ND		4.0		ug/L			09/11/24 13:52	4
Ethylbenzene	ND		4.0		ug/L			09/11/24 13:52	4
1,2-Dibromoethane	ND		4.0		ug/L			09/11/24 13:52	4
Isopropylbenzene	ND		4.0		ug/L			09/11/24 13:52	4
Methyl acetate	ND		10		ug/L			09/11/24 13:52	4
Methyl tert-butyl ether	ND		4.0		ug/L			09/11/24 13:52	4
Methylcyclohexane	ND		4.0		ug/L			09/11/24 13:52	4
Methylene Chloride	ND		4.0		ug/L			09/11/24 13:52	4
Styrene	ND		4.0		ug/L			09/11/24 13:52	4
Tetrachloroethene	**34**		4.0		ug/L			09/11/24 13:52	4
Toluene	ND		4.0		ug/L			09/11/24 13:52	4
trans-1,2-Dichloroethene	ND		4.0		ug/L			09/11/24 13:52	4
trans-1,3-Dichloropropene	ND		4.0		ug/L			09/11/24 13:52	4
Trichloroethene	**57**		4.0		ug/L			09/11/24 13:52	4
Trichlorofluoromethane	ND		4.0		ug/L			09/11/24 13:52	4
Vinyl chloride	**50**		4.0		ug/L			09/11/24 13:52	4
Xylenes, Total	ND		8.0		ug/L			09/11/24 13:52	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*80 - 120*		*09/11/24 13:52*	*4*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*09/11/24 13:52*	*4*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*09/11/24 13:52*	*4*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*09/11/24 13:52*	*4*

Client Sample ID: LI-RW5R-ANNUAL2024
Lab Sample ID: 480-223156-3

Date Collected: 09/05/24 15:25
Matrix: Water
Date Received: 09/06/24 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	4.5		1.0		mg/L			09/09/24 22:30	1
TOC Result 1 (SM 5310C)	4.5		1.0		mg/L			09/09/24 22:30	1
TOC Result 2 (SM 5310C)	4.5		1.0		mg/L			09/09/24 22:30	1
TOC Result 3 (SM 5310C)	4.6		1.0		mg/L			09/09/24 22:30	1
TOC Result 4 (SM 5310C)	4.4		1.0		mg/L			09/09/24 22:30	1

Client Sample ID: LI-RW6-ANNUAL2024
Lab Sample ID: 480-223156-4

Date Collected: 09/05/24 16:40
Matrix: Water
Date Received: 09/06/24 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			09/10/24 18:12	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			09/10/24 18:12	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/10/24 18:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0		ug/L			09/10/24 18:12	1
1,1-Dichloroethane	ND		1.0		ug/L			09/10/24 18:12	1
1,1-Dichloroethene	ND		1.0		ug/L			09/10/24 18:12	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/10/24 18:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			09/10/24 18:12	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/10/24 18:12	1
1,2-Dichloroethane	ND		1.0		ug/L			09/10/24 18:12	1
1,2-Dichloropropane	ND		1.0		ug/L			09/10/24 18:12	1
1,3-Dichlorobenzene	ND		1.0		ug/L			09/10/24 18:12	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/10/24 18:12	1
2-Butanone (MEK)	ND		10		ug/L			09/10/24 18:12	1
2-Hexanone	ND		5.0		ug/L			09/10/24 18:12	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			09/10/24 18:12	1
Acetone	ND		10		ug/L			09/10/24 18:12	1
Benzene	ND		1.0		ug/L			09/10/24 18:12	1
Bromodichloromethane	ND		1.0		ug/L			09/10/24 18:12	1
Bromoform	ND		1.0		ug/L			09/10/24 18:12	1
Bromomethane	ND		1.0		ug/L			09/10/24 18:12	1
Carbon disulfide	ND		1.0		ug/L			09/10/24 18:12	1
Carbon tetrachloride	ND		1.0		ug/L			09/10/24 18:12	1
Chlorobenzene	ND		1.0		ug/L			09/10/24 18:12	1
Dibromochloromethane	ND		1.0		ug/L			09/10/24 18:12	1
Chloroethane	ND		1.0		ug/L			09/10/24 18:12	1
Chloroform	ND		1.0		ug/L			09/10/24 18:12	1
Chloromethane	ND		1.0		ug/L			09/10/24 18:12	1
cis-1,2-Dichloroethene	20		1.0		ug/L			09/10/24 18:12	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			09/10/24 18:12	1
Cyclohexane	ND		1.0		ug/L			09/10/24 18:12	1
Dichlorodifluoromethane	ND		1.0		ug/L			09/10/24 18:12	1
Ethylbenzene	ND		1.0		ug/L			09/10/24 18:12	1
1,2-Dibromoethane	ND		1.0		ug/L			09/10/24 18:12	1
Isopropylbenzene	ND		1.0		ug/L			09/10/24 18:12	1
Methyl acetate	ND		2.5		ug/L			09/10/24 18:12	1
Methyl tert-butyl ether	ND		1.0		ug/L			09/10/24 18:12	1
Methylcyclohexane	ND		1.0		ug/L			09/10/24 18:12	1

Client Sample ID: LI-RW6-ANNUAL2024
Lab Sample ID: 480-223156-4

Date Collected: 09/05/24 16:40
Matrix: Water
Date Received: 09/06/24 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		1.0		ug/L			09/10/24 18:12	1
Styrene	ND		1.0		ug/L			09/10/24 18:12	1
Tetrachloroethene	**9.4**		1.0		ug/L			09/10/24 18:12	1
Toluene	ND		1.0		ug/L			09/10/24 18:12	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			09/10/24 18:12	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			09/10/24 18:12	1
Trichloroethene	**2.2**		1.0		ug/L			09/10/24 18:12	1
Trichlorofluoromethane	ND		1.0		ug/L			09/10/24 18:12	1
Vinyl chloride	**4.7**		1.0		ug/L			09/10/24 18:12	1
Xylenes, Total	ND		2.0		ug/L			09/10/24 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*106*		*80 - 120*		*09/10/24 18:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*09/10/24 18:12*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*09/10/24 18:12*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*09/10/24 18:12*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	**1.3**		1.0		mg/L			09/09/24 22:58	1
TOC Result 1 (SM 5310C)	**1.4**		1.0		mg/L			09/09/24 22:58	1
TOC Result 2 (SM 5310C)	**1.1**		1.0		mg/L			09/09/24 22:58	1
TOC Result 3 (SM 5310C)	**1.4**		1.0		mg/L			09/09/24 22:58	1
TOC Result 4 (SM 5310C)	**1.2**		1.0		mg/L			09/09/24 22:58	1

Client Sample ID: LI-FD-ANNUAL2024
Lab Sample ID: 480-223156-5

Date Collected: 09/05/24 00:00
Matrix: Water
Date Received: 09/06/24 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0		ug/L			09/10/24 18:35	4
1,1,2,2-Tetrachloroethane	ND		4.0		ug/L			09/10/24 18:35	4
1,1,2-Trichloroethane	ND		4.0		ug/L			09/10/24 18:35	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0		ug/L			09/10/24 18:35	4
1,1-Dichloroethane	ND		4.0		ug/L			09/10/24 18:35	4
1,1-Dichloroethene	ND		4.0		ug/L			09/10/24 18:35	4
1,2,4-Trichlorobenzene	ND		4.0		ug/L			09/10/24 18:35	4
1,2-Dibromo-3-Chloropropane	ND		4.0		ug/L			09/10/24 18:35	4
1,2-Dichlorobenzene	ND		4.0		ug/L			09/10/24 18:35	4
1,2-Dichloroethane	ND		4.0		ug/L			09/10/24 18:35	4
1,2-Dichloropropane	ND		4.0		ug/L			09/10/24 18:35	4
1,3-Dichlorobenzene	ND		4.0		ug/L			09/10/24 18:35	4
1,4-Dichlorobenzene	ND		4.0		ug/L			09/10/24 18:35	4
2-Butanone (MEK)	ND		40		ug/L			09/10/24 18:35	4
2-Hexanone	ND		20		ug/L			09/10/24 18:35	4
4-Methyl-2-pentanone (MIBK)	ND		20		ug/L			09/10/24 18:35	4
Acetone	ND		40		ug/L			09/10/24 18:35	4
Benzene	**4.0**		4.0		ug/L			09/10/24 18:35	4
Bromodichloromethane	ND		4.0		ug/L			09/10/24 18:35	4

Client: Stantec Consulting Services Inc
Project/Site: Carriage Factory – Annual Groundwater

Job ID: 480-223156-1

Client Sample ID: LI-FD-ANNUAL2024
Date Collected: 09/05/24 00:00
Date Received: 09/06/24 10:00

Lab Sample ID: 480-223156-5
Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		4.0		ug/L			09/10/24 18:35	4
Bromomethane	ND		4.0		ug/L			09/10/24 18:35	4
Carbon disulfide	ND		4.0		ug/L			09/10/24 18:35	4
Carbon tetrachloride	ND		4.0		ug/L			09/10/24 18:35	4
Chlorobenzene	ND		4.0		ug/L			09/10/24 18:35	4
Dibromochloromethane	ND		4.0		ug/L			09/10/24 18:35	4
Chloroethane	ND		4.0		ug/L			09/10/24 18:35	4
Chloroform	ND		4.0		ug/L			09/10/24 18:35	4
Chloromethane	ND		4.0		ug/L			09/10/24 18:35	4
cis-1,2-Dichloroethene	**170**		4.0		ug/L			09/10/24 18:35	4
cis-1,3-Dichloropropene	ND		4.0		ug/L			09/10/24 18:35	4
Cyclohexane	ND		4.0		ug/L			09/10/24 18:35	4
Dichlorodifluoromethane	ND		4.0		ug/L			09/10/24 18:35	4
Ethylbenzene	ND		4.0		ug/L			09/10/24 18:35	4
1,2-Dibromoethane	ND		4.0		ug/L			09/10/24 18:35	4
Isopropylbenzene	ND		4.0		ug/L			09/10/24 18:35	4
Methyl acetate	ND		10		ug/L			09/10/24 18:35	4
Methyl tert-butyl ether	ND		4.0		ug/L			09/10/24 18:35	4
Methylcyclohexane	ND		4.0		ug/L			09/10/24 18:35	4
Methylene Chloride	ND		4.0		ug/L			09/10/24 18:35	4
Styrene	ND		4.0		ug/L			09/10/24 18:35	4
Tetrachloroethene	**37**		4.0		ug/L			09/10/24 18:35	4
Toluene	ND		4.0		ug/L			09/10/24 18:35	4
trans-1,2-Dichloroethene	ND		4.0		ug/L			09/10/24 18:35	4
trans-1,3-Dichloropropene	ND		4.0		ug/L			09/10/24 18:35	4
Trichloroethene	**57**		4.0		ug/L			09/10/24 18:35	4
Trichlorofluoromethane	ND		4.0		ug/L			09/10/24 18:35	4
Vinyl chloride	**50**		4.0		ug/L			09/10/24 18:35	4
Xylenes, Total	ND		8.0		ug/L			09/10/24 18:35	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*107*		*80 - 120*		*09/10/24 18:35*	*4*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*09/10/24 18:35*	*4*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*09/10/24 18:35*	*4*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*09/10/24 18:35*	*4*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SM 5310C)	**3.9**		1.0		mg/L			09/09/24 23:25	1
TOC Result 1 (SM 5310C)	**4.0**		1.0		mg/L			09/09/24 23:25	1
TOC Result 2 (SM 5310C)	**3.8**		1.0		mg/L			09/09/24 23:25	1
TOC Result 3 (SM 5310C)	**4.0**		1.0		mg/L			09/09/24 23:25	1
TOC Result 4 (SM 5310C)	**3.8**		1.0		mg/L			09/09/24 23:25	1

Client: Stantec Consulting Services Inc
Job ID: 480-223156-1
Project/Site: Carriage Factory – Annual Groundwater

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-223156-6
Date Collected: 09/03/24 00:00
Matrix: Water
Date Received: 09/06/24 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			09/10/24 18:59	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			09/10/24 18:59	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/10/24 18:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0		ug/L			09/10/24 18:59	1
1,1-Dichloroethane	ND		1.0		ug/L			09/10/24 18:59	1
1,1-Dichloroethene	ND		1.0		ug/L			09/10/24 18:59	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/10/24 18:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			09/10/24 18:59	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/10/24 18:59	1
1,2-Dichloroethane	ND		1.0		ug/L			09/10/24 18:59	1
1,2-Dichloropropane	ND		1.0		ug/L			09/10/24 18:59	1
1,3-Dichlorobenzene	ND		1.0		ug/L			09/10/24 18:59	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/10/24 18:59	1
2-Butanone (MEK)	ND		10		ug/L			09/10/24 18:59	1
2-Hexanone	ND		5.0		ug/L			09/10/24 18:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			09/10/24 18:59	1
Acetone	ND		10		ug/L			09/10/24 18:59	1
Benzene	ND		1.0		ug/L			09/10/24 18:59	1
Bromodichloromethane	ND		1.0		ug/L			09/10/24 18:59	1
Bromoform	ND		1.0		ug/L			09/10/24 18:59	1
Bromomethane	ND		1.0		ug/L			09/10/24 18:59	1
Carbon disulfide	ND		1.0		ug/L			09/10/24 18:59	1
Carbon tetrachloride	ND		1.0		ug/L			09/10/24 18:59	1
Chlorobenzene	ND		1.0		ug/L			09/10/24 18:59	1
Dibromochloromethane	ND		1.0		ug/L			09/10/24 18:59	1
Chloroethane	ND		1.0		ug/L			09/10/24 18:59	1
Chloroform	ND		1.0		ug/L			09/10/24 18:59	1
Chloromethane	ND		1.0		ug/L			09/10/24 18:59	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			09/10/24 18:59	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			09/10/24 18:59	1
Cyclohexane	ND		1.0		ug/L			09/10/24 18:59	1
Dichlorodifluoromethane	ND		1.0		ug/L			09/10/24 18:59	1
Ethylbenzene	ND		1.0		ug/L			09/10/24 18:59	1
1,2-Dibromoethane	ND		1.0		ug/L			09/10/24 18:59	1
Isopropylbenzene	ND		1.0		ug/L			09/10/24 18:59	1
Methyl acetate	ND		2.5		ug/L			09/10/24 18:59	1
Methyl tert-butyl ether	ND		1.0		ug/L			09/10/24 18:59	1
Methylcyclohexane	ND		1.0		ug/L			09/10/24 18:59	1
Methylene Chloride	ND		1.0		ug/L			09/10/24 18:59	1
Styrene	ND		1.0		ug/L			09/10/24 18:59	1
Tetrachloroethene	ND		1.0		ug/L			09/10/24 18:59	1
Toluene	ND		1.0		ug/L			09/10/24 18:59	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			09/10/24 18:59	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			09/10/24 18:59	1
Trichloroethene	ND		1.0		ug/L			09/10/24 18:59	1
Trichlorofluoromethane	ND		1.0		ug/L			09/10/24 18:59	1
Vinyl chloride	ND		1.0		ug/L			09/10/24 18:59	1
Xylenes, Total	ND		2.0		ug/L			09/10/24 18:59	1

Client: Stantec Consulting Services Inc
Job ID: 480-223156-1
Project/Site: Carriage Factory – Annual Groundwater

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-223156-6
Date Collected: 09/03/24 00:00
Matrix: Water
Date Received: 09/06/24 10:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	109		80 - 120		09/10/24 18:59	1
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		09/10/24 18:59	1
4-Bromofluorobenzene (Surr)	104		73 - 120		09/10/24 18:59	1
Dibromofluoromethane (Surr)	112		75 - 123		09/10/24 18:59	1

Surrogate Summary

Client: Stantec Consulting Services Inc
Job ID: 480-223156-1
Project/Site: Carriage Factory – Annual Groundwater

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

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DCA	BFB	DBFM
Lab Sample ID	Client Sample ID	(80-120)	(77-120)	(73-120)	(75-123)
480-223156-1	LI-B108-MW-ANNUAL2024	103	104	101	103
480-223156-1 MS	LI-B108-MW-ANNUAL2024	95	98	94	97
480-223156-1 MSD	LI-B108-MW-ANNUAL2024	96	98	96	94
480-223156-2	LI-RW2-ANNUAL2024	109	105	108	108
480-223156-3	LI-RW5R-ANNUAL2024	107	108	104	108
480-223156-3 - DL	LI-RW5R-ANNUAL2024	103	106	103	104
480-223156-4	LI-RW6-ANNUAL2024	106	110	106	109
480-223156-5	LI-FD-ANNUAL2024	107	110	105	107
480-223156-6	TRIP BLANK	109	109	104	112
LCS 480-724563/6	Lab Control Sample	111	110	108	107
LCS 480-724679/6	Lab Control Sample	98	98	94	97
MB 480-724563/38	Method Blank	110	105	106	109
MB 480-724679/8	Method Blank	97	96	94	98

Surrogate Legend

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

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

Lab Sample ID: MB 480-724563/38
Matrix: Water
Analysis Batch: 724563

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			09/10/24 16:27	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			09/10/24 16:27	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/10/24 16:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0		ug/L			09/10/24 16:27	1
1,1-Dichloroethane	ND		1.0		ug/L			09/10/24 16:27	1
1,1-Dichloroethene	ND		1.0		ug/L			09/10/24 16:27	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/10/24 16:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			09/10/24 16:27	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/10/24 16:27	1
1,2-Dichloroethane	ND		1.0		ug/L			09/10/24 16:27	1
1,2-Dichloropropane	ND		1.0		ug/L			09/10/24 16:27	1
1,3-Dichlorobenzene	ND		1.0		ug/L			09/10/24 16:27	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/10/24 16:27	1
2-Butanone (MEK)	ND		10		ug/L			09/10/24 16:27	1
2-Hexanone	ND		5.0		ug/L			09/10/24 16:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			09/10/24 16:27	1
Acetone	ND		10		ug/L			09/10/24 16:27	1
Benzene	ND		1.0		ug/L			09/10/24 16:27	1
Bromodichloromethane	ND		1.0		ug/L			09/10/24 16:27	1
Bromoform	ND		1.0		ug/L			09/10/24 16:27	1
Bromomethane	ND		1.0		ug/L			09/10/24 16:27	1
Carbon disulfide	ND		1.0		ug/L			09/10/24 16:27	1
Carbon tetrachloride	ND		1.0		ug/L			09/10/24 16:27	1
Chlorobenzene	ND		1.0		ug/L			09/10/24 16:27	1
Dibromochloromethane	ND		1.0		ug/L			09/10/24 16:27	1
Chloroethane	ND		1.0		ug/L			09/10/24 16:27	1
Chloroform	ND		1.0		ug/L			09/10/24 16:27	1
Chloromethane	ND		1.0		ug/L			09/10/24 16:27	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			09/10/24 16:27	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			09/10/24 16:27	1
Cyclohexane	ND		1.0		ug/L			09/10/24 16:27	1
Dichlorodifluoromethane	ND		1.0		ug/L			09/10/24 16:27	1
Ethylbenzene	ND		1.0		ug/L			09/10/24 16:27	1
1,2-Dibromoethane	ND		1.0		ug/L			09/10/24 16:27	1
Isopropylbenzene	ND		1.0		ug/L			09/10/24 16:27	1
Methyl acetate	ND		2.5		ug/L			09/10/24 16:27	1
Methyl tert-butyl ether	ND		1.0		ug/L			09/10/24 16:27	1
Methylcyclohexane	ND		1.0		ug/L			09/10/24 16:27	1
Methylene Chloride	ND		1.0		ug/L			09/10/24 16:27	1
Styrene	ND		1.0		ug/L			09/10/24 16:27	1
Tetrachloroethene	ND		1.0		ug/L			09/10/24 16:27	1
Toluene	ND		1.0		ug/L			09/10/24 16:27	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			09/10/24 16:27	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			09/10/24 16:27	1
Trichloroethene	ND		1.0		ug/L			09/10/24 16:27	1
Trichlorofluoromethane	ND		1.0		ug/L			09/10/24 16:27	1
Vinyl chloride	ND		1.0		ug/L			09/10/24 16:27	1
Xylenes, Total	ND		2.0		ug/L			09/10/24 16:27	1

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

Lab Sample ID: MB 480-724563/38
Matrix: Water
Analysis Batch: 724563

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*110*		*80 - 120*		*09/10/24 16:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*09/10/24 16:27*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*09/10/24 16:27*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*09/10/24 16:27*	*1*

Lab Sample ID: LCS 480-724563/6
Matrix: Water
Analysis Batch: 724563

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	28.0		ug/L		112	73 - 126
1,1,2,2-Tetrachloroethane	25.0	26.6		ug/L		106	76 - 120
1,1,2-Trichloroethane	25.0	25.8		ug/L		103	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.2		ug/L		105	61 - 148
1,1-Dichloroethane	25.0	26.4		ug/L		105	77 - 120
1,1-Dichloroethene	25.0	28.7		ug/L		115	66 - 127
1,2,4-Trichlorobenzene	25.0	26.4		ug/L		105	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	27.0		ug/L		108	56 - 134
1,2-Dichlorobenzene	25.0	26.1		ug/L		104	80 - 124
1,2-Dichloroethane	25.0	25.3		ug/L		101	75 - 120
1,2-Dichloropropane	25.0	26.1		ug/L		105	76 - 120
1,3-Dichlorobenzene	25.0	26.9		ug/L		107	77 - 120
1,4-Dichlorobenzene	25.0	25.8		ug/L		103	80 - 120
2-Butanone (MEK)	125	126		ug/L		101	57 - 140
2-Hexanone	125	132		ug/L		106	65 - 127
4-Methyl-2-pentanone (MIBK)	125	133		ug/L		106	71 - 125
Acetone	125	105		ug/L		84	56 - 142
Benzene	25.0	26.2		ug/L		105	71 - 124
Bromodichloromethane	25.0	26.2		ug/L		105	80 - 122
Bromoform	25.0	26.9		ug/L		107	61 - 132
Bromomethane	25.0	26.2		ug/L		105	55 - 144
Carbon disulfide	25.0	27.2		ug/L		109	59 - 134
Carbon tetrachloride	25.0	26.3		ug/L		105	72 - 134
Chlorobenzene	25.0	26.4		ug/L		106	80 - 120
Dibromochloromethane	25.0	26.2		ug/L		105	75 - 125
Chloroethane	25.0	26.4		ug/L		105	69 - 136
Chloroform	25.0	25.2		ug/L		101	73 - 127
Chloromethane	25.0	27.4		ug/L		110	68 - 124
cis-1,2-Dichloroethene	25.0	26.2		ug/L		105	74 - 124
cis-1,3-Dichloropropene	25.0	27.2		ug/L		109	74 - 124
Cyclohexane	25.0	26.5		ug/L		106	59 - 135
Dichlorodifluoromethane	25.0	26.1		ug/L		105	59 - 135
Ethylbenzene	25.0	27.6		ug/L		110	77 - 123
1,2-Dibromoethane	25.0	25.6		ug/L		103	77 - 120
Isopropylbenzene	25.0	28.4		ug/L		114	77 - 122
Methyl acetate	50.0	46.9		ug/L		94	74 - 133
Methyl tert-butyl ether	25.0	25.2		ug/L		101	77 - 120
Methylcyclohexane	25.0	26.2		ug/L		105	68 - 134

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

Lab Sample ID: LCS 480-724563/6
Matrix: Water
Analysis Batch: 724563

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	25.0	28.3		ug/L		113	75 - 124
Styrene	25.0	26.7		ug/L		107	80 - 120
Tetrachloroethene	25.0	27.8		ug/L		111	74 - 122
Toluene	25.0	27.2		ug/L		109	80 - 122
trans-1,2-Dichloroethene	25.0	27.6		ug/L		111	73 - 127
trans-1,3-Dichloropropene	25.0	27.7		ug/L		111	80 - 120
Trichloroethene	25.0	26.5		ug/L		106	74 - 123
Trichlorofluoromethane	25.0	26.8		ug/L		107	62 - 150
Vinyl chloride	25.0	27.3		ug/L		109	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*111*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*
Dibromofluoromethane (Surr)	*107*		*75 - 123*

Lab Sample ID: MB 480-724679/8
Matrix: Water
Analysis Batch: 724679

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			09/11/24 12:07	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			09/11/24 12:07	1
1,1,2-Trichloroethane	ND		1.0		ug/L			09/11/24 12:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0		ug/L			09/11/24 12:07	1
1,1-Dichloroethane	ND		1.0		ug/L			09/11/24 12:07	1
1,1-Dichloroethene	ND		1.0		ug/L			09/11/24 12:07	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			09/11/24 12:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			09/11/24 12:07	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/11/24 12:07	1
1,2-Dichloroethane	ND		1.0		ug/L			09/11/24 12:07	1
1,2-Dichloropropane	ND		1.0		ug/L			09/11/24 12:07	1
1,3-Dichlorobenzene	ND		1.0		ug/L			09/11/24 12:07	1
1,4-Dichlorobenzene	ND		1.0		ug/L			09/11/24 12:07	1
2-Butanone (MEK)	ND		10		ug/L			09/11/24 12:07	1
2-Hexanone	ND		5.0		ug/L			09/11/24 12:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			09/11/24 12:07	1
Acetone	ND		10		ug/L			09/11/24 12:07	1
Benzene	ND		1.0		ug/L			09/11/24 12:07	1
Bromodichloromethane	ND		1.0		ug/L			09/11/24 12:07	1
Bromoform	ND		1.0		ug/L			09/11/24 12:07	1
Bromomethane	ND		1.0		ug/L			09/11/24 12:07	1
Carbon disulfide	ND		1.0		ug/L			09/11/24 12:07	1
Carbon tetrachloride	ND		1.0		ug/L			09/11/24 12:07	1
Chlorobenzene	ND		1.0		ug/L			09/11/24 12:07	1
Dibromochloromethane	ND		1.0		ug/L			09/11/24 12:07	1
Chloroethane	ND		1.0		ug/L			09/11/24 12:07	1
Chloroform	ND		1.0		ug/L			09/11/24 12:07	1

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

Lab Sample ID: MB 480-724679/8
Matrix: Water
Analysis Batch: 724679

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0		ug/L			09/11/24 12:07	1
cis-1,2-Dichloroethene	ND		1.0		ug/L			09/11/24 12:07	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			09/11/24 12:07	1
Cyclohexane	ND		1.0		ug/L			09/11/24 12:07	1
Dichlorodifluoromethane	ND		1.0		ug/L			09/11/24 12:07	1
Ethylbenzene	ND		1.0		ug/L			09/11/24 12:07	1
1,2-Dibromoethane	ND		1.0		ug/L			09/11/24 12:07	1
Isopropylbenzene	ND		1.0		ug/L			09/11/24 12:07	1
Methyl acetate	ND		2.5		ug/L			09/11/24 12:07	1
Methyl tert-butyl ether	ND		1.0		ug/L			09/11/24 12:07	1
Methylcyclohexane	ND		1.0		ug/L			09/11/24 12:07	1
Methylene Chloride	ND		1.0		ug/L			09/11/24 12:07	1
Styrene	ND		1.0		ug/L			09/11/24 12:07	1
Tetrachloroethene	ND		1.0		ug/L			09/11/24 12:07	1
Toluene	ND		1.0		ug/L			09/11/24 12:07	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			09/11/24 12:07	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			09/11/24 12:07	1
Trichloroethene	ND		1.0		ug/L			09/11/24 12:07	1
Trichlorofluoromethane	ND		1.0		ug/L			09/11/24 12:07	1
Vinyl chloride	ND		1.0		ug/L			09/11/24 12:07	1
Xylenes, Total	ND		2.0		ug/L			09/11/24 12:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*80 - 120*		*09/11/24 12:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*09/11/24 12:07*	*1*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*09/11/24 12:07*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*09/11/24 12:07*	*1*

Lab Sample ID: LCS 480-724679/6
Matrix: Water
Analysis Batch: 724679

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	25.7		ug/L		103	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.6		ug/L		91	76 - 120
1,1,2-Trichloroethane	25.0	22.9		ug/L		92	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.2		ug/L		109	61 - 148
1,1-Dichloroethane	25.0	24.1		ug/L		97	77 - 120
1,1-Dichloroethene	25.0	25.6		ug/L		102	66 - 127
1,2,4-Trichlorobenzene	25.0	24.2		ug/L		97	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	21.0		ug/L		84	56 - 134
1,2-Dichlorobenzene	25.0	22.9		ug/L		92	80 - 124
1,2-Dichloroethane	25.0	23.0		ug/L		92	75 - 120
1,2-Dichloropropane	25.0	23.6		ug/L		94	76 - 120
1,3-Dichlorobenzene	25.0	23.6		ug/L		94	77 - 120
1,4-Dichlorobenzene	25.0	23.1		ug/L		93	80 - 120
2-Butanone (MEK)	125	105		ug/L		84	57 - 140
2-Hexanone	125	107		ug/L		85	65 - 127

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

Lab Sample ID: LCS 480-724679/6
Matrix: Water
Analysis Batch: 724679

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (MIBK)	125	109		ug/L		87	71 - 125
Acetone	125	110		ug/L		88	56 - 142
Benzene	25.0	23.5		ug/L		94	71 - 124
Bromodichloromethane	25.0	23.4		ug/L		94	80 - 122
Bromoform	25.0	22.0		ug/L		88	61 - 132
Bromomethane	25.0	23.6		ug/L		94	55 - 144
Carbon disulfide	25.0	25.4		ug/L		102	59 - 134
Carbon tetrachloride	25.0	25.6		ug/L		102	72 - 134
Chlorobenzene	25.0	23.5		ug/L		94	80 - 120
Dibromochloromethane	25.0	23.0		ug/L		92	75 - 125
Chloroethane	25.0	23.7		ug/L		95	69 - 136
Chloroform	25.0	22.7		ug/L		91	73 - 127
Chloromethane	25.0	24.1		ug/L		97	68 - 124
cis-1,2-Dichloroethene	25.0	23.5		ug/L		94	74 - 124
cis-1,3-Dichloropropene	25.0	24.0		ug/L		96	74 - 124
Cyclohexane	25.0	28.4		ug/L		114	59 - 135
Dichlorodifluoromethane	25.0	28.9		ug/L		116	59 - 135
Ethylbenzene	25.0	25.0		ug/L		100	77 - 123
1,2-Dibromoethane	25.0	22.0		ug/L		88	77 - 120
Isopropylbenzene	25.0	26.3		ug/L		105	77 - 122
Methyl acetate	50.0	42.6		ug/L		85	74 - 133
Methyl tert-butyl ether	25.0	22.4		ug/L		90	77 - 120
Methylcyclohexane	25.0	29.3		ug/L		117	68 - 134
Methylene Chloride	25.0	24.9		ug/L		100	75 - 124
Styrene	25.0	24.3		ug/L		97	80 - 120
Tetrachloroethene	25.0	25.0		ug/L		100	74 - 122
Toluene	25.0	23.7		ug/L		95	80 - 122
trans-1,2-Dichloroethene	25.0	24.8		ug/L		99	73 - 127
trans-1,3-Dichloropropene	25.0	24.3		ug/L		97	80 - 120
Trichloroethene	25.0	23.9		ug/L		96	74 - 123
Trichlorofluoromethane	25.0	26.5		ug/L		106	62 - 150
Vinyl chloride	25.0	25.9		ug/L		104	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*
Dibromofluoromethane (Surr)	*97*		*75 - 123*

Lab Sample ID: 480-223156-1 MS
Matrix: Water
Analysis Batch: 724679

Client Sample ID: LI-B108-MW-ANNUAL2024
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		25.0	29.7		ug/L		119	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	25.1		ug/L		101	76 - 120
1,1,2-Trichloroethane	ND		25.0	24.5		ug/L		98	76 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	30.2		ug/L		121	61 - 148

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

Lab Sample ID: 480-223156-1 MS
Matrix: Water
Analysis Batch: 724679

Client Sample ID: LI-B108-MW-ANNUAL2024
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	ND		25.0	27.5		ug/L		110	77 - 120
1,1-Dichloroethene	ND		25.0	29.3		ug/L		117	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	26.3		ug/L		105	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	22.8		ug/L		91	56 - 134
1,2-Dichlorobenzene	ND		25.0	25.0		ug/L		100	80 - 124
1,2-Dichloroethane	ND		25.0	25.3		ug/L		101	75 - 120
1,2-Dichloropropane	ND		25.0	26.7		ug/L		107	76 - 120
1,3-Dichlorobenzene	ND		25.0	26.3		ug/L		105	77 - 120
1,4-Dichlorobenzene	ND		25.0	25.5		ug/L		102	78 - 124
2-Butanone (MEK)	ND		125	114		ug/L		91	57 - 140
2-Hexanone	ND		125	120		ug/L		96	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	125		ug/L		100	71 - 125
Acetone	ND		125	101		ug/L		81	56 - 142
Benzene	ND		25.0	27.3		ug/L		109	71 - 124
Bromodichloromethane	ND		25.0	24.7		ug/L		99	80 - 122
Bromoform	ND		25.0	20.1		ug/L		81	61 - 132
Bromomethane	ND		25.0	26.8		ug/L		107	55 - 144
Carbon disulfide	ND		25.0	26.3		ug/L		105	59 - 134
Carbon tetrachloride	ND		25.0	28.3		ug/L		113	72 - 134
Chlorobenzene	ND		25.0	26.5		ug/L		106	80 - 120
Dibromochloromethane	ND		25.0	22.1		ug/L		89	75 - 125
Chloroethane	ND		25.0	27.4		ug/L		109	69 - 136
Chloroform	ND		25.0	25.8		ug/L		103	73 - 127
Chloromethane	ND		25.0	27.2		ug/L		109	68 - 124
cis-1,2-Dichloroethene	8.1		25.0	34.1		ug/L		104	74 - 124
cis-1,3-Dichloropropene	ND		25.0	24.4		ug/L		97	74 - 124
Cyclohexane	ND		25.0	33.0		ug/L		132	59 - 135
Dichlorodifluoromethane	ND		25.0	30.9		ug/L		124	59 - 135
Ethylbenzene	ND		25.0	27.8		ug/L		111	77 - 123
1,2-Dibromoethane	ND		25.0	23.9		ug/L		96	77 - 120
Isopropylbenzene	ND		25.0	29.3		ug/L		117	77 - 122
Methyl acetate	ND		50.0	46.2		ug/L		92	74 - 133
Methyl tert-butyl ether	ND		25.0	23.8		ug/L		95	77 - 120
Methylcyclohexane	ND		25.0	33.3		ug/L		133	68 - 134
Methylene Chloride	ND		25.0	27.3		ug/L		109	75 - 124
Styrene	ND		25.0	27.2		ug/L		109	80 - 120
Tetrachloroethene	5.1		25.0	33.3		ug/L		113	74 - 122
Toluene	ND		25.0	26.8		ug/L		107	80 - 122
trans-1,2-Dichloroethene	ND		25.0	30.1		ug/L		117	73 - 127
trans-1,3-Dichloropropene	ND		25.0	22.8		ug/L		91	80 - 120
Trichloroethene	1.4		25.0	28.7		ug/L		109	74 - 123
Trichlorofluoromethane	ND		25.0	30.0		ug/L		120	62 - 150
Vinyl chloride	ND		25.0	30.0		ug/L		120	65 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*95*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*

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

Lab Sample ID: 480-223156-1 MS
Matrix: Water
Analysis Batch: 724679

Client Sample ID: LI-B108-MW-ANNUAL2024
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	*97*		*75 - 123*

Lab Sample ID: 480-223156-1 MSD
Matrix: Water
Analysis Batch: 724679

Client Sample ID: LI-B108-MW-ANNUAL2024
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		25.0	30.2		ug/L		121	73 - 126	2	15
1,1,2,2-Tetrachloroethane	ND		25.0	24.3		ug/L		97	76 - 120	4	15
1,1,2-Trichloroethane	ND		25.0	24.5		ug/L		98	76 - 122	0	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	30.5		ug/L		122	61 - 148	1	20
1,1-Dichloroethane	ND		25.0	28.0		ug/L		112	77 - 120	2	20
1,1-Dichloroethene	ND		25.0	29.8		ug/L		119	66 - 127	2	16
1,2,4-Trichlorobenzene	ND		25.0	26.6		ug/L		106	79 - 122	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	21.8		ug/L		87	56 - 134	5	15
1,2-Dichlorobenzene	ND		25.0	25.4		ug/L		101	80 - 124	1	20
1,2-Dichloroethane	ND		25.0	24.8		ug/L		99	75 - 120	2	20
1,2-Dichloropropane	ND		25.0	27.0		ug/L		108	76 - 120	1	20
1,3-Dichlorobenzene	ND		25.0	26.5		ug/L		106	77 - 120	1	20
1,4-Dichlorobenzene	ND		25.0	25.2		ug/L		101	78 - 124	1	20
2-Butanone (MEK)	ND		125	109		ug/L		87	57 - 140	4	20
2-Hexanone	ND		125	114		ug/L		92	65 - 127	5	15
4-Methyl-2-pentanone (MIBK)	ND		125	120		ug/L		96	71 - 125	4	35
Acetone	ND		125	97.0		ug/L		78	56 - 142	4	15
Benzene	ND		25.0	27.0		ug/L		108	71 - 124	1	13
Bromodichloromethane	ND		25.0	25.0		ug/L		100	80 - 122	1	15
Bromoform	ND		25.0	20.6		ug/L		82	61 - 132	2	15
Bromomethane	ND		25.0	26.9		ug/L		108	55 - 144	1	15
Carbon disulfide	ND		25.0	27.1		ug/L		109	59 - 134	3	15
Carbon tetrachloride	ND		25.0	29.1		ug/L		116	72 - 134	3	15
Chlorobenzene	ND		25.0	26.4		ug/L		106	80 - 120	0	25
Dibromochloromethane	ND		25.0	23.7		ug/L		95	75 - 125	7	15
Chloroethane	ND		25.0	27.7		ug/L		111	69 - 136	1	15
Chloroform	ND		25.0	25.6		ug/L		103	73 - 127	1	20
Chloromethane	ND		25.0	28.1		ug/L		112	68 - 124	3	15
cis-1,2-Dichloroethene	8.1		25.0	33.3		ug/L		101	74 - 124	2	15
cis-1,3-Dichloropropene	ND		25.0	24.7		ug/L		99	74 - 124	1	15
Cyclohexane	ND		25.0	33.0		ug/L		132	59 - 135	0	20
Dichlorodifluoromethane	ND		25.0	31.4		ug/L		126	59 - 135	2	20
Ethylbenzene	ND		25.0	28.0		ug/L		112	77 - 123	1	15
1,2-Dibromoethane	ND		25.0	24.3		ug/L		97	77 - 120	2	15
Isopropylbenzene	ND		25.0	29.5		ug/L		118	77 - 122	1	20
Methyl acetate	ND		50.0	43.0		ug/L		86	74 - 133	7	20
Methyl tert-butyl ether	ND		25.0	24.0		ug/L		96	77 - 120	1	37
Methylcyclohexane	ND		25.0	32.4		ug/L		130	68 - 134	3	20
Methylene Chloride	ND		25.0	27.8		ug/L		111	75 - 124	2	15
Styrene	ND		25.0	26.2		ug/L		105	80 - 120	3	20
Tetrachloroethene	5.1		25.0	34.4		ug/L		117	74 - 122	3	20

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

Lab Sample ID: 480-223156-1 MSD
Client Sample ID: LI-B108-MW-ANNUAL2024
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 724679

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	ND		25.0	27.2		ug/L		109	80 - 122	1	15
trans-1,2-Dichloroethene	ND		25.0	29.6		ug/L		114	73 - 127	2	20
trans-1,3-Dichloropropene	ND		25.0	24.2		ug/L		97	80 - 120	6	15
Trichloroethene	1.4		25.0	28.5		ug/L		108	74 - 123	1	16
Trichlorofluoromethane	ND		25.0	30.7		ug/L		123	62 - 150	2	20
Vinyl chloride	ND		25.0	30.1		ug/L		120	65 - 133	0	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*96*		*80 - 120*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*
Dibromofluoromethane (Surr)	*94*		*75 - 123*

Method: SM 5310C - TOC

Lab Sample ID: MB 480-724685/28
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 724685

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0		mg/L			09/10/24 02:13	1
TOC Result 1	ND		1.0		mg/L			09/10/24 02:13	1
TOC Result 2	ND		1.0		mg/L			09/10/24 02:13	1
TOC Result 3	ND		1.0		mg/L			09/10/24 02:13	1
TOC Result 4	ND		1.0		mg/L			09/10/24 02:13	1

Lab Sample ID: MB 480-724685/4
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 724685

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0		mg/L			09/09/24 15:09	1
TOC Result 1	ND		1.0		mg/L			09/09/24 15:09	1
TOC Result 2	ND		1.0		mg/L			09/09/24 15:09	1
TOC Result 3	ND		1.0		mg/L			09/09/24 15:09	1
TOC Result 4	ND		1.0		mg/L			09/09/24 15:09	1

Lab Sample ID: LCS 480-724685/29
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 724685

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon			60.0	59.77		mg/L		100	90 - 110		
TOC Result 1			60.0	62.11		mg/L		104	90 - 110		
TOC Result 2			60.0	57.42		mg/L		96	90 - 110		
TOC Result 3			60.0	60.69		mg/L		101	90 - 110		
TOC Result 4			60.0	58.86		mg/L		98	90 - 110		

Method: SM 5310C - TOC (Continued)

Lab Sample ID: LCS 480-724685/5
Matrix: Water
Analysis Batch: 724685

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	60.0	60.15		mg/L		100	90 - 110
TOC Result 1	60.0	59.17		mg/L		99	90 - 110
TOC Result 2	60.0	61.54		mg/L		103	90 - 110
TOC Result 3	60.0	59.93		mg/L		100	90 - 110
TOC Result 4	60.0	59.94		mg/L		100	90 - 110

Lab Sample ID: 480-223156-1 MS
Matrix: Water
Analysis Batch: 724685

Client Sample ID: LI-B108-MW-ANNUAL2024
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	1.1		23.3	24.90		mg/L		102	54 - 131
TOC Result 1	1.1		23.3	24.72		mg/L		101	54 - 131
TOC Result 2	ND		23.3	24.51		mg/L		101	54 - 131
TOC Result 3	1.2		23.3	25.20		mg/L		103	54 - 131
TOC Result 4	ND		23.3	25.15		mg/L		104	54 - 131

Lab Sample ID: 480-223156-1 MSD
Matrix: Water
Analysis Batch: 724685

Client Sample ID: LI-B108-MW-ANNUAL2024
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon	1.1		23.3	25.18		mg/L		103	54 - 131	1	20
TOC Result 1	1.1		23.3	25.08		mg/L		103	54 - 131	1	20
TOC Result 2	ND		23.3	25.23		mg/L		104	54 - 131	3	20
TOC Result 3	1.2		23.3	25.64		mg/L		105	54 - 131	2	20
TOC Result 4	ND		23.3	24.79		mg/L		102	54 - 131	1	20

GC/MS VOA

Analysis Batch: 724563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223156-2	LI-RW2-ANNUAL2024	Total/NA	Water	8260C	
480-223156-3	LI-RW5R-ANNUAL2024	Total/NA	Water	8260C	
480-223156-4	LI-RW6-ANNUAL2024	Total/NA	Water	8260C	
480-223156-5	LI-FD-ANNUAL2024	Total/NA	Water	8260C	
480-223156-6	TRIP BLANK	Total/NA	Water	8260C	
MB 480-724563/38	Method Blank	Total/NA	Water	8260C	
LCS 480-724563/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 724679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223156-1	LI-B108-MW-ANNUAL2024	Total/NA	Water	8260C	
480-223156-3 - DL	LI-RW5R-ANNUAL2024	Total/NA	Water	8260C	
MB 480-724679/8	Method Blank	Total/NA	Water	8260C	
LCS 480-724679/6	Lab Control Sample	Total/NA	Water	8260C	
480-223156-1 MS	LI-B108-MW-ANNUAL2024	Total/NA	Water	8260C	
480-223156-1 MSD	LI-B108-MW-ANNUAL2024	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 724685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-223156-1	LI-B108-MW-ANNUAL2024	Total/NA	Water	SM 5310C	
480-223156-2	LI-RW2-ANNUAL2024	Total/NA	Water	SM 5310C	
480-223156-3	LI-RW5R-ANNUAL2024	Total/NA	Water	SM 5310C	
480-223156-4	LI-RW6-ANNUAL2024	Total/NA	Water	SM 5310C	
480-223156-5	LI-FD-ANNUAL2024	Total/NA	Water	SM 5310C	
MB 480-724685/28	Method Blank	Total/NA	Water	SM 5310C	
MB 480-724685/4	Method Blank	Total/NA	Water	SM 5310C	
LCS 480-724685/29	Lab Control Sample	Total/NA	Water	SM 5310C	
LCS 480-724685/5	Lab Control Sample	Total/NA	Water	SM 5310C	
480-223156-1 MS	LI-B108-MW-ANNUAL2024	Total/NA	Water	SM 5310C	
480-223156-1 MSD	LI-B108-MW-ANNUAL2024	Total/NA	Water	SM 5310C	

Lab Chronicle

Client: Stantec Consulting Services Inc
Job ID: 480-223156-1
Project/Site: Carriage Factory – Annual Groundwater

Client Sample ID: LI-B108-MW-ANNUAL2024
Lab Sample ID: 480-223156-1
Date Collected: 09/05/24 14:05
Matrix: Water
Date Received: 09/06/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	724679	ZN	EET BUF	09/11/24 13:27
Total/NA	Analysis	SM 5310C		1	724685	AF	EET BUF	09/09/24 20:39

Client Sample ID: LI-RW2-ANNUAL2024
Lab Sample ID: 480-223156-2
Date Collected: 09/05/24 12:40
Matrix: Water
Date Received: 09/06/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	724563	ZN	EET BUF	09/10/24 17:26
Total/NA	Analysis	SM 5310C		1	724685	AF	EET BUF	09/09/24 22:02

Client Sample ID: LI-RW5R-ANNUAL2024
Lab Sample ID: 480-223156-3
Date Collected: 09/05/24 15:25
Matrix: Water
Date Received: 09/06/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	724563	ZN	EET BUF	09/10/24 17:49
Total/NA	Analysis	8260C	DL	4	724679	ZN	EET BUF	09/11/24 13:52
Total/NA	Analysis	SM 5310C		1	724685	AF	EET BUF	09/09/24 22:30

Client Sample ID: LI-RW6-ANNUAL2024
Lab Sample ID: 480-223156-4
Date Collected: 09/05/24 16:40
Matrix: Water
Date Received: 09/06/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	724563	ZN	EET BUF	09/10/24 18:12
Total/NA	Analysis	SM 5310C		1	724685	AF	EET BUF	09/09/24 22:58

Client Sample ID: LI-FD-ANNUAL2024
Lab Sample ID: 480-223156-5
Date Collected: 09/05/24 00:00
Matrix: Water
Date Received: 09/06/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		4	724563	ZN	EET BUF	09/10/24 18:35
Total/NA	Analysis	SM 5310C		1	724685	AF	EET BUF	09/09/24 23:25

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-223156-6
Date Collected: 09/03/24 00:00
Matrix: Water
Date Received: 09/06/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	724563	ZN	EET BUF	09/10/24 18:59

Laboratory References:
EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
Job ID: 480-223156-1
Project/Site: Carriage Factory – Annual Groundwater

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 5310C		Water	TOC Result 1
SM 5310C		Water	TOC Result 2
SM 5310C		Water	TOC Result 3
SM 5310C		Water	TOC Result 4

Method Summary

Client: Stantec Consulting Services Inc
Job ID: 480-223156-1
Project/Site: Carriage Factory – Annual Groundwater

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
SM 5310C	TOC	SM	EET BUF
5030C	Purge and Trap	SW846	EET BUF

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Sample Summary

Client: Stantec Consulting Services Inc
Job ID: 480-223156-1
Project/Site: Carriage Factory – Annual Groundwater

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-223156-1	LI-B108-MW-ANNUAL2024	Water	09/05/24 14:05	09/06/24 10:00
480-223156-2	LI-RW2-ANNUAL2024	Water	09/05/24 12:40	09/06/24 10:00
480-223156-3	LI-RW5R-ANNUAL2024	Water	09/05/24 15:25	09/06/24 10:00
480-223156-4	LI-RW6-ANNUAL2024	Water	09/05/24 16:40	09/06/24 10:00
480-223156-5	LI-FD-ANNUAL2024	Water	09/05/24 00:00	09/06/24 10:00
480-223156-6	TRIP BLANK	Water	09/03/24 00:00	09/06/24 10:00

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: CD/RM	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-199247-41113.1
Client Contact: Ms. Christiana Deluca	Phone: 585-683-3694	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin: NY	Page: Page 1 of 1
Company: Stantec Consulting Services Inc	PWSID:			Job #:
Address: 61 Commercial Street Suite100	Due Date Requested:			
City: Rochester	TAT Requested (days): 10-day			
State, Zip: NY, 14614	Compliance Project: Δ Yes Δ No			
Phone: 585-413-5233(Tel)	PO #: Purchase Order Requested			
Email: christiana.deluca@stantec.com, laura.best@stantec.com	WO #:			
Project Name: Carriage Factory – Annual Groundwater	Project #: 48027985			
Site: Carriage Factory BCP	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL
S - H2SO4

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL VOCs	5310C - TOC	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	S		
LI-B108-MW-ANNUAL2024	9/5/24	1405	G	W	N	Y	X	X	18	MS/MSD
LI-RW2-ANNUAL2024		1240	G	W	N	N	X	X	6	
LI-RW5R-ANNUAL2024		1525	G	W	N	N	X	X	6	
LI-RW6-ANNUAL2024		1640	G	W	N	N	X	X	6	
LI-FD-ANNVAL2024		—	G	W	N	N	X	X	6	
TRIPBLANK	9/3/24	—	G	W	N	N	X		2	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if sam
☐ Return To Client ☒ Disposal By Lab

480-223156 Chain of Custody

Deliverable Requested: I, II, III, IV, Other (specify) Cat B, EQuIS 4 File EFWEDD

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		9/5/24 1742	Stantec		9/6/24 0730	EET
2	Relinquished by:	9/6/24 0800	EET	Received by:	9-6-24 1000	TAB
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.6 ICE

Ver: 05/06/2024

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 480-223156-1

Login Number: 223156
List Number: 1
Creator: Yeager, Brian A

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	STANTEC
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC

Analytical Report For

Stantec

For Lab Project ID

242135

Referencing

Carriage Factory 213415055

Prepared

Tuesday, May 21, 2024

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Emily Farmer

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 242135

Client: **Stantec**

Project Reference: Carriage Factory 213415055

Sample Identifier: LI-EL-W59
Lab Sample ID: 242135-01 **Date Sampled:** 5/14/2024 11:00
Matrix: Groundwater **Date Received** 5/14/2024

Volatile Organics (Halogenated)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/17/2024 15:10
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/17/2024 15:10
1,1,2-Trichloroethane	< 2.00	ug/L		5/17/2024 15:10
1,1-Dichloroethane	< 2.00	ug/L		5/17/2024 15:10
1,1-Dichloroethene	< 2.00	ug/L		5/17/2024 15:10
1,2-Dichlorobenzene	< 2.00	ug/L		5/17/2024 15:10
1,2-Dichloroethane	< 2.00	ug/L		5/17/2024 15:10
1,2-Dichloropropane	< 2.00	ug/L		5/17/2024 15:10
1,3-Dichlorobenzene	< 2.00	ug/L		5/17/2024 15:10
1,4-Dichlorobenzene	< 2.00	ug/L		5/17/2024 15:10
Bromodichloromethane	< 2.00	ug/L		5/17/2024 15:10
Bromoform	< 5.00	ug/L		5/17/2024 15:10
Bromomethane	< 2.00	ug/L		5/17/2024 15:10
Carbon Tetrachloride	< 2.00	ug/L		5/17/2024 15:10
Chlorobenzene	< 2.00	ug/L		5/17/2024 15:10
Chloroethane	< 2.00	ug/L		5/17/2024 15:10
Chloroform	< 2.00	ug/L		5/17/2024 15:10
Chloromethane	**8.99**	ug/L		5/17/2024 15:10
cis-1,2-Dichloroethene	< 2.00	ug/L		5/17/2024 15:10
cis-1,3-Dichloropropene	< 2.00	ug/L		5/17/2024 15:10
Dibromochloromethane	< 2.00	ug/L		5/17/2024 15:10
Methylene chloride	< 5.00	ug/L		5/17/2024 15:10
Tetrachloroethene	< 2.00	ug/L		5/17/2024 15:10
trans-1,2-Dichloroethene	< 2.00	ug/L		5/17/2024 15:10
trans-1,3-Dichloropropene	< 2.00	ug/L		5/17/2024 15:10
Trichloroethene	< 2.00	ug/L		5/17/2024 15:10
Trichlorofluoromethane	< 2.00	ug/L		5/17/2024 15:10
Vinyl chloride	< 2.00	ug/L		5/17/2024 15:10

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 242135

Client: **Stantec**

Project Reference: Carriage Factory 213415055

Sample Identifier: LI-EL-W59

Lab Sample ID: 242135-01 **Date Sampled:** 5/14/2024 11:00

Matrix: Groundwater **Date Received** 5/14/2024

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**110**	80.5 - 124		5/17/2024 15:10
4-Bromofluorobenzene	**90.4**	78.2 - 114		5/17/2024 15:10
Pentafluorobenzene	**97.3**	90.8 - 109		5/17/2024 15:10
Toluene-D8	**101**	90.3 - 110		5/17/2024 15:10

Method Reference(s): EPA 8260C
EPA 5030C

Data File: z24185.D

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"H" = Denotes a parameter analyzed outside of holding time.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1072

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES

REPORT TO:		INVOICE TO:		
COMPANY:	Stantec	COMPANY:	SAME	LAB PROJECT ID: 242135
address:	61 Commercial St	ADDRESS:		
CITY:	Rochester STATE: NY ZIP: 14614	CITY:	STATE: ZIP:	Quotation #:
PHONE:	(585) 301-0166 FAX:	PHONE:	FAX:	Email: laura.best@stantec.com
ATTN:	Laura Best	ATTN:		

PROJECT REFERENCE
Carriage Factory
213415055

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	VOCs *	REMARKS	PARADIGM LAB SAMPLE NUMBER
5/14/24	1100		X	LI-EL-W59	WG	2	X	*Halogenated VOCs + cis 1,2-DCE	01

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	☐	None Required	☒	None Required	☐
10 day	☒	Batch QC	☐	Basic EDD	☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD	☒
Rush 2 day	☐	Category B	☐		
Rush 1 day	☐				
Other please indicate date needed:	☐	Other please indicate package needed:	☐	Other EDD please indicate EDD needed: Stantec	☒

Christiana Deluca 5/14/24 1100
Sampled By — Date/Time

Relinquished By 5/14/24 1209
Relinquished By — Date/Time

Received By 5/14/24 1209
Received By — Date/Time

Received @ Lab By 5/14/24 1211
Received @ Lab By — Date/Time

Total Cost:

P.I.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

18°C iced in field 5/14/24 12:15

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: Stantec **Completed by:** Glenn Pezzulo

Lab Project ID: 242135 **Date:** 5/14/24

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X		
Comments			
Preservation	X		
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X		
Comments	18°C iced in field		
Compliant Sample Quantity/Type	X		
Comments			

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

Stantec

For Lab Project ID

244107

Referencing

Carriage Factory

Prepared

Thursday, September 12, 2024

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Emily Farmer

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 244107

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-EL-W60
Lab Sample ID: 244107-01 **Date Sampled:** 9/5/2024 8:50
Matrix: Groundwater **Date Received** 9/6/2024

Volatile Organics (Halogenated)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		9/10/2024 17:34
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		9/10/2024 17:34
1,1,2-Trichloroethane	< 2.00	ug/L		9/10/2024 17:34
1,1-Dichloroethane	< 2.00	ug/L		9/10/2024 17:34
1,1-Dichloroethene	< 2.00	ug/L		9/10/2024 17:34
1,2-Dichlorobenzene	< 2.00	ug/L		9/10/2024 17:34
1,2-Dichloroethane	< 2.00	ug/L		9/10/2024 17:34
1,2-Dichloropropane	< 2.00	ug/L		9/10/2024 17:34
1,3-Dichlorobenzene	< 2.00	ug/L		9/10/2024 17:34
1,4-Dichlorobenzene	< 2.00	ug/L		9/10/2024 17:34
Bromodichloromethane	< 2.00	ug/L		9/10/2024 17:34
Bromoform	< 5.00	ug/L		9/10/2024 17:34
Bromomethane	< 2.00	ug/L		9/10/2024 17:34
Carbon Tetrachloride	< 2.00	ug/L		9/10/2024 17:34
Chlorobenzene	< 2.00	ug/L		9/10/2024 17:34
Chloroethane	< 2.00	ug/L		9/10/2024 17:34
Chloroform	< 2.00	ug/L		9/10/2024 17:34
Chloromethane	< 2.00	ug/L		9/10/2024 17:34
cis-1,2-Dichloroethene	< 2.00	ug/L		9/10/2024 17:34
cis-1,3-Dichloropropene	< 2.00	ug/L		9/10/2024 17:34
Dibromochloromethane	< 2.00	ug/L		9/10/2024 17:34
Methylene chloride	< 5.00	ug/L		9/10/2024 17:34
Tetrachloroethene	< 2.00	ug/L		9/10/2024 17:34
trans-1,2-Dichloroethene	< 2.00	ug/L		9/10/2024 17:34
trans-1,3-Dichloropropene	< 2.00	ug/L		9/10/2024 17:34
Trichloroethene	< 2.00	ug/L		9/10/2024 17:34
Trichlorofluoromethane	< 2.00	ug/L		9/10/2024 17:34
Vinyl chloride	< 2.00	ug/L		9/10/2024 17:34

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 244107

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-EL-W60
Lab Sample ID: 244107-01 **Date Sampled:** 9/5/2024 8:50
Matrix: Groundwater **Date Received** 9/6/2024

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**103**	80.5 - 124		9/10/2024	17:34
4-Bromofluorobenzene	**90.6**	78.2 - 114		9/10/2024	17:34
Pentafluorobenzene	**100**	90.8 - 109		9/10/2024	17:34
Toluene-D8	**98.1**	90.3 - 110		9/10/2024	17:34

Method Reference(s): EPA 624.1
EPA 5030C
Data File: z26388.D
The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"H" = Denotes a parameter analyzed outside of holding time.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resultin from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

175 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1 of 2

CHAIN OF CUSTODY

PARADIGM
ENVIRONMENTAL SERVICES

REPORT TO:		INVOICE TO:	
COMPANY: Stantec		COMPANY: SAME	LAB PROJECT ID: 244107
ADDRESS: 61 Commercial St Suite 100		ADDRESS:	Quotation #:
CITY: Rochester STATE: NY ZIP: 14614		CITY: STATE: ZIP:	Email: laura.best@stantec.com christiana.deluca@stantec.com
PHONE: (585) 301-0166 FAX:		PHONE: FAX:	
ATTN: Laura Best		ATTN:	

PROJECT REFERENCE
Carriage Factory

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODE	# OF CONTAINERS	VOCs	REMARKS	PARADIGM LAB SAMPLE NUMBER
9/5/24	0850	X		IT-EL-W60	WG	2	X	Unfiltered plus MS (MN)	01

Turnaround Time		Report Supplements		
Availability contingent upon lab approval; additional fees may apply.				
Standard 5 day	☐	None Required	☒	None Required ☐
10 day	☒	Batch QC	☐	Basic EDD ☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD ☒
Rush 2 day	☐	Category B	☐	
Rush 1 day	☐			
Other (please indicate date needed)	☐	Other (please indicate package needed)	☐	Other EDD (please indicate EDD needed) ☒ Stantec

Christiana DeLuca 9/5/24 0850
Sampled By — Date/Time

Christiana DeLuca 9/6/24 0936
Relinquished By — Date/Time

Emily Fairmen 9/6/24 0936
Received By — Date/Time

9/6/24 09:48
Receiving Lab By — Date/Time

Total Cost:

P.I.F.:

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

Shipped 9/6/24 09:50

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: Stantec **Completed by:** Collin Ma

Lab Project ID: 244107 **Date:** 9/6/24

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X		
Comments			
Preservation	Y HNA (per label)		
Comments			
Chlorine Absent (<0.10 ppm per test strip)	X		
Comments	V624: Cl- mg		
Holding Time	X		
Comments			
Temperature	X		
Comments	5.0°C rad		
Compliant Sample Quantity/Type	Y		
Comments			

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

Stantec

For Lab Project ID

244108

Referencing

Carriage Factory

Prepared

Thursday, September 12, 2024

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Emily Farmer

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 244108

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-EL-W61
Lab Sample ID: 244108-01 **Date Sampled:** 9/5/2024 17:05
Matrix: Groundwater **Date Received** 9/6/2024

Volatile Organics (Halogenated)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		9/10/2024 19:33
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		9/10/2024 19:33
1,1,2-Trichloroethane	< 2.00	ug/L		9/10/2024 19:33
1,1-Dichloroethane	< 2.00	ug/L		9/10/2024 19:33
1,1-Dichloroethene	< 2.00	ug/L		9/10/2024 19:33
1,2-Dichlorobenzene	< 2.00	ug/L		9/10/2024 19:33
1,2-Dichloroethane	< 2.00	ug/L		9/10/2024 19:33
1,2-Dichloropropane	< 2.00	ug/L		9/10/2024 19:33
1,3-Dichlorobenzene	< 2.00	ug/L		9/10/2024 19:33
1,4-Dichlorobenzene	< 2.00	ug/L		9/10/2024 19:33
Bromodichloromethane	< 2.00	ug/L		9/10/2024 19:33
Bromoform	< 5.00	ug/L		9/10/2024 19:33
Bromomethane	< 2.00	ug/L		9/10/2024 19:33
Carbon Tetrachloride	< 2.00	ug/L		9/10/2024 19:33
Chlorobenzene	< 2.00	ug/L		9/10/2024 19:33
Chloroethane	< 2.00	ug/L		9/10/2024 19:33
Chloroform	< 2.00	ug/L		9/10/2024 19:33
Chloromethane	< 2.00	ug/L		9/10/2024 19:33
cis-1,2-Dichloroethene	**31.3**	ug/L		9/10/2024 19:33
cis-1,3-Dichloropropene	< 2.00	ug/L		9/10/2024 19:33
Dibromochloromethane	< 2.00	ug/L		9/10/2024 19:33
Methylene chloride	< 5.00	ug/L		9/10/2024 19:33
Tetrachloroethene	**4.60**	ug/L		9/10/2024 19:33
trans-1,2-Dichloroethene	< 2.00	ug/L		9/10/2024 19:33
trans-1,3-Dichloropropene	< 2.00	ug/L		9/10/2024 19:33
Trichloroethene	**8.46**	ug/L		9/10/2024 19:33
Trichlorofluoromethane	< 2.00	ug/L		9/10/2024 19:33
Vinyl chloride	**5.27**	ug/L		9/10/2024 19:33

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 244108

Client: **Stantec**

Project Reference: Carriage Factory

Sample Identifier: LI-EL-W61
Lab Sample ID: 244108-01 **Date Sampled:** 9/5/2024 17:05
Matrix: Groundwater **Date Received** 9/6/2024

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**108**	80.5 - 124		9/10/2024 19:33
4-Bromofluorobenzene	**85.9**	78.2 - 114		9/10/2024 19:33
Pentafluorobenzene	**98.7**	90.8 - 109		9/10/2024 19:33
Toluene-D8	**96.4**	90.3 - 110		9/10/2024 19:33

Method Reference(s): EPA 624.1
EPA 5030C
Data File: z26394.D
The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"H" = Denotes a parameter analyzed outside of holding time.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resultin from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY

1 of 2

PARADIGM
ENVIRONMENTAL SERVICES

REPORT TO:		INVOICE TO:		LAB PROJECT ID
COMPANY: Stantec		COMPANY: SAME		244108
address: 61 Commercial St Suite 100		ADDRESS:		Quotation #:
CITY: Rochester STATE: NY ZIP: 14614		CITY: STATE: ZIP:		
PHONE: FAX:		PHONE: FAX:		Email: laura.best@stantec.com
ATTN: Laura Best		ATTN:		christiana.deluca@stantec.com

PROJECT REFERENCE: Carriage Factory

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	VOC *	REMARKS	PARADIGM LAB SAMPLE NUMBER
9/5/24	1705	X		LI-EL-W61	WG	2	X	halogenated plus cis (624)	01

Turnaround Time		Report Supplements		
Availability contingent upon lab approval; additional fees may apply.				
Standard 5 day	☐	None Required	☒	None Required ☐
10 day	☒	Batch QC	☐	Basic EDD ☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD ☒
Rush 2 day	☐	Category B	☐	
Rush 1 day	☐			
Other (please indicate data needed:)	☐	Other (please indicate package needed:)	☐	Other EDD (please indicate EDD needed: Stantec) ☒

Christiana Deluca	9/5/24 1705	Total Cost:
Sampled By	Date/Time	
Christiana Deluca	9/6/24 0936	
Relinquished By	Date/Time	
Emily Farmer	9/6/24 0936	P.I.F.:
Received By	Date/Time	
	9/6/24 09:49	
Received@Lab By	Date/Time	

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

6°C iced 9/6/24 09:50

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: Stantec **Completed by:** [signature]

Lab Project ID: 244108 **Date:** 9/6/2024

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt Yes	No	N/A
Container Type	☑	☐	☐
Comments			
Transferred to method-compliant container	☐	☐	☑
Headspace (<1 mL)	☑	☐	☐
Comments			
Preservation	☑ VOA(Labs)	☐	☐
Comments			
Chlorine Absent (<0.10 ppm per test strip)	☒	☐	☐
Comments	V624; Cl⁻ neg.		
Holding Time	☑	☐	☐
Comments			
Temperature	☑	☐	☐
Comments	6°C Iced		
Compliant Sample Quantity/Type	☑	☐	☐
Comments			

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

Stantec

For Lab Project ID

245657

Referencing

Carriage Factory 213415055

Prepared

Wednesday, December 11, 2024

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Emily Farmer

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 245657

Client: **Stantec**

Project Reference: Carriage Factory 213415055

Sample Identifier: LI-EL-W62
Lab Sample ID: 245657-01 **Date Sampled:** 12/4/2024 9:10
Matrix: Groundwater **Date Received** 12/4/2024

Volatile Organics (Halogenated)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		12/10/2024 13:47
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		12/10/2024 13:47
1,1,2-Trichloroethane	< 2.00	ug/L		12/10/2024 13:47
1,1-Dichloroethane	< 2.00	ug/L		12/10/2024 13:47
1,1-Dichloroethene	< 2.00	ug/L		12/10/2024 13:47
1,2-Dichlorobenzene	< 2.00	ug/L		12/10/2024 13:47
1,2-Dichloroethane	< 2.00	ug/L		12/10/2024 13:47
1,2-Dichloropropane	< 2.00	ug/L		12/10/2024 13:47
1,3-Dichlorobenzene	< 2.00	ug/L		12/10/2024 13:47
1,4-Dichlorobenzene	< 2.00	ug/L		12/10/2024 13:47
Bromodichloromethane	< 2.00	ug/L		12/10/2024 13:47
Bromoform	< 5.00	ug/L		12/10/2024 13:47
Bromomethane	< 2.00	ug/L		12/10/2024 13:47
Carbon Tetrachloride	< 2.00	ug/L		12/10/2024 13:47
Chlorobenzene	< 2.00	ug/L		12/10/2024 13:47
Chloroethane	< 2.00	ug/L		12/10/2024 13:47
Chloroform	< 2.00	ug/L		12/10/2024 13:47
Chloromethane	< 2.00	ug/L		12/10/2024 13:47
cis-1,2-Dichloroethene	< 2.00	ug/L		12/10/2024 13:47
cis-1,3-Dichloropropene	< 2.00	ug/L		12/10/2024 13:47
Dibromochloromethane	< 2.00	ug/L		12/10/2024 13:47
Methylene chloride	< 5.00	ug/L		12/10/2024 13:47
Tetrachloroethene	< 2.00	ug/L		12/10/2024 13:47
trans-1,2-Dichloroethene	< 2.00	ug/L		12/10/2024 13:47
trans-1,3-Dichloropropene	< 2.00	ug/L		12/10/2024 13:47
Trichloroethene	< 2.00	ug/L		12/10/2024 13:47
Trichlorofluoromethane	< 2.00	ug/L		12/10/2024 13:47
Vinyl chloride	< 2.00	ug/L		12/10/2024 13:47

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 245657

Client: **Stantec**

Project Reference: Carriage Factory 213415055

Sample Identifier: LI-EL-W62
Lab Sample ID: 245657-01 **Date Sampled:** 12/4/2024 9:10
Matrix: Groundwater **Date Received** 12/4/2024

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**118**	80.5 - 124		12/10/2024 13:47
4-Bromofluorobenzene	**87.1**	78.2 - 114		12/10/2024 13:47
Pentafluorobenzene	**98.9**	90.8 - 109		12/10/2024 13:47
Toluene-D8	**96.2**	90.3 - 110		12/10/2024 13:47

Method Reference(s): EPA 8260C
EPA 5030C
Data File: z28240.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 245657

Client: **Stantec**

Project Reference: Carriage Factory 213415055

Sample Identifier: Trip Blank T1231
Lab Sample ID: 245657-02 **Date Sampled:** 12/2/2024
Matrix: Water **Date Received** 12/4/2024

Volatile Organics (Halogenated)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		12/10/2024 13:27
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		12/10/2024 13:27
1,1,2-Trichloroethane	< 2.00	ug/L		12/10/2024 13:27
1,1-Dichloroethane	< 2.00	ug/L		12/10/2024 13:27
1,1-Dichloroethene	< 2.00	ug/L		12/10/2024 13:27
1,2-Dichlorobenzene	< 2.00	ug/L		12/10/2024 13:27
1,2-Dichloroethane	< 2.00	ug/L		12/10/2024 13:27
1,2-Dichloropropane	< 2.00	ug/L		12/10/2024 13:27
1,3-Dichlorobenzene	< 2.00	ug/L		12/10/2024 13:27
1,4-Dichlorobenzene	< 2.00	ug/L		12/10/2024 13:27
Bromodichloromethane	< 2.00	ug/L		12/10/2024 13:27
Bromoform	< 5.00	ug/L		12/10/2024 13:27
Bromomethane	< 2.00	ug/L		12/10/2024 13:27
Carbon Tetrachloride	< 2.00	ug/L		12/10/2024 13:27
Chlorobenzene	< 2.00	ug/L		12/10/2024 13:27
Chloroethane	< 2.00	ug/L		12/10/2024 13:27
Chloroform	< 2.00	ug/L		12/10/2024 13:27
Chloromethane	< 2.00	ug/L		12/10/2024 13:27
cis-1,2-Dichloroethene	< 2.00	ug/L		12/10/2024 13:27
cis-1,3-Dichloropropene	< 2.00	ug/L		12/10/2024 13:27
Dibromochloromethane	< 2.00	ug/L		12/10/2024 13:27
Methylene chloride	< 5.00	ug/L		12/10/2024 13:27
Tetrachloroethene	< 2.00	ug/L		12/10/2024 13:27
trans-1,2-Dichloroethene	< 2.00	ug/L		12/10/2024 13:27
trans-1,3-Dichloropropene	< 2.00	ug/L		12/10/2024 13:27
Trichloroethene	< 2.00	ug/L		12/10/2024 13:27
Trichlorofluoromethane	< 2.00	ug/L		12/10/2024 13:27
Vinyl chloride	< 2.00	ug/L		12/10/2024 13:27

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 245657

Client: **Stantec**

Project Reference: Carriage Factory 213415055

Sample Identifier: Trip Blank T1231
Lab Sample ID: 245657-02 **Date Sampled:** 12/2/2024
Matrix: Water **Date Received** 12/4/2024

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**108**	80.5 - 124		12/10/2024 13:27
4-Bromofluorobenzene	**92.9**	78.2 - 114		12/10/2024 13:27
Pentafluorobenzene	**96.0**	90.8 - 109		12/10/2024 13:27
Toluene-D8	**94.7**	90.3 - 110		12/10/2024 13:27

Method Reference(s): EPA 8260C
EPA 5030C
Data File: z28239.D

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified “reported as received”. Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an “A” suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

“<” = Analyzed for but not detected at or above the quantitation limit.
“E” = Result has been estimated, calibration limit exceeded.
“H” = Denotes a parameter analyzed outside of holding time.
“Z” = See case narrative.
“D” = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
“M” = Matrix spike recoveries outside QC limits. Matrix bias indicated.
“B” = Method blank contained trace levels of analyte. Refer to included method blank report.
“J” = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
“P” = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resultin from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1 of 2

CHAIN OF CUSTODY

PARADIGM
ENVIRONMENTAL SERVICES

REPORT TO:	INVOICE TO:	
COMPANY: Stantec	COMPANY: SAME	LAB PROJECT ID: 245657
ADDRESS: 61 Commercial St, Suite 100	ADDRESS:	
CITY: Rochester STATE: NY ZIP: 14614	CITY: STATE: ZIP:	Quotation #:
PHONE: (585)683-3614 FAX:	PHONE: FAX:	Email: Christiana.deluca@stantec.com
ATTN: Christiana DeLuca	ATTN:	

PROJECT REFERENCE
Carriage Factory
213715055

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	VOCs	REMARKS	PARADIGM LAB SAMPLE NUMBER
12/4/24	0910		X	LI-EL-W62	WG	2	X	*Halogenated VOCs incl 1,2-DCE	-01
12/2/24				Trip Blank T1231	WA	1	X	Trip Blank made at Paradigm on 12/2/24 CN 12/4/24	-02

Turnaround Time		Report Supplements		
Availability contingent upon lab approval; additional fees may apply.				
Standard 5 day	X	None Required	X	None Required
10 day		Batch QC		Basic EDD
Rush 3 day		Category A		NYSDEC EDD
Rush 2 day		Category B		
Rush 1 day				
Other (please indicate date needed)		Other (please indicate package needed)		Other EDD (please indicate EDD needed) Stantec EDD

Sampled By: 12/4/24 0910 Date/Time
Relinquished By: 12/4/24 1132 Date/Time
Received By: 12/4/24 11:32 Date/Time
Received @ Lab By: 12/4/24 11:35 Date/Time

Total Cost:

P.I.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

4°C iced 12/4/24 11:36

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: Stantec **Completed by:** Cedric M

Lab Project ID: 245657 **Date:** 12/4/24

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X		
Comments			
Preservation	X VOA (per label)		
Comments			
Chlorine Absent (<0.10 ppm per test strip)	X		
Comments	VOA: Cl- neg.		
Holding Time	X		
Comments			
Temperature	X		
Comments	4.0°C iced		
Compliant Sample Quantity/Type	X		
Comments			

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

Stantec

For Lab Project ID

250590

Referencing

Carriage Factory 213415055

Prepared

Thursday, February 20, 2025

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Emily Farmer

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 250590

Client: **Stantec**

Project Reference: Carriage Factory 213415055

Sample Identifier: LI-EL-W63
Lab Sample ID: 250590-01 **Date Sampled:** 2/14/2025 8:53
Matrix: Water **Date Received** 2/14/2025

Volatile Organics (Halogenated)

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		2/18/2025 11:51
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		2/18/2025 11:51
1,1,2-Trichloroethane	< 2.00	ug/L		2/18/2025 11:51
1,1-Dichloroethane	< 2.00	ug/L		2/18/2025 11:51
1,1-Dichloroethene	< 2.00	ug/L		2/18/2025 11:51
1,2-Dichlorobenzene	< 2.00	ug/L		2/18/2025 11:51
1,2-Dichloroethane	< 2.00	ug/L		2/18/2025 11:51
1,2-Dichloropropane	< 2.00	ug/L		2/18/2025 11:51
1,3-Dichlorobenzene	< 2.00	ug/L		2/18/2025 11:51
1,4-Dichlorobenzene	< 2.00	ug/L		2/18/2025 11:51
Bromodichloromethane	< 2.00	ug/L		2/18/2025 11:51
Bromoform	< 5.00	ug/L		2/18/2025 11:51
Bromomethane	< 2.00	ug/L		2/18/2025 11:51
Carbon Tetrachloride	< 2.00	ug/L		2/18/2025 11:51
Chlorobenzene	< 2.00	ug/L		2/18/2025 11:51
Chloroethane	< 2.00	ug/L		2/18/2025 11:51
Chloroform	< 2.00	ug/L		2/18/2025 11:51
Chloromethane	< 2.00	ug/L		2/18/2025 11:51
cis-1,2-Dichloroethene	< 2.00	ug/L		2/18/2025 11:51
cis-1,3-Dichloropropene	< 2.00	ug/L		2/18/2025 11:51
Dibromochloromethane	< 2.00	ug/L		2/18/2025 11:51
Methylene chloride	< 5.00	ug/L		2/18/2025 11:51
Tetrachloroethene	< 2.00	ug/L		2/18/2025 11:51
trans-1,2-Dichloroethene	< 2.00	ug/L		2/18/2025 11:51
trans-1,3-Dichloropropene	< 2.00	ug/L		2/18/2025 11:51
Trichloroethene	< 2.00	ug/L		2/18/2025 11:51
Trichlorofluoromethane	< 2.00	ug/L		2/18/2025 11:51
Vinyl chloride	< 2.00	ug/L		2/18/2025 11:51

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 250590

Client: **Stantec**

Project Reference: Carriage Factory 213415055

Sample Identifier: LI-EL-W63
Lab Sample ID: 250590-01 **Date Sampled:** 2/14/2025 8:53
Matrix: Water **Date Received** 2/14/2025

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**98.8**	80.5 - 124		2/18/2025	11:51
4-Bromofluorobenzene	**91.9**	78.2 - 114		2/18/2025	11:51
Pentafluorobenzene	**97.8**	90.8 - 109		2/18/2025	11:51
Toluene-D8	**95.0**	90.3 - 110		2/18/2025	11:51

Method Reference(s): EPA 624.1
EPA 5030C
Data File: z29281.D
The analyte 2-Chloroethyl vinyl Ether does not recover from acid preserved VOA vials.

Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.
"E" = Result has been estimated, calibration limit exceeded.
"H" = Denotes a parameter analyzed outside of holding time.
"Z" = See case narrative.
"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"J" = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices. Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure. Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment. LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure. LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law. This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY

PARADIGM
ENVIRONMENTAL SERVICES

REPORT TO:		INVOICE TO:		
COMPANY: Stantec		COMPANY: SAME		LAB PROJECT ID: 250590
address: 61 Commercial St suite 100		ADDRESS:		Quotation #:
CITY: Rochester	STATE: NY ZIP: 14614	CITY:	STATE: ZIP:	Email:
PHONE: (585) 683-3694	FAX:	PHONE:	FAX:	
ATTN: christiana.deluca@stantec.com		ATTN:		

PROJECT REFERENCE: Carriage Factory 213415055

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	VOCs *	REMARKS	PARADIGM LAB SAMPLE NUMBER
2/14/25	0853		X	LI-EL-W63	W	2	X	*halogenated puscis (624)	-01

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	☐	None Required	☒	None Required	☐
10 day	☒	Batch QC	☐	Basic EDD	☐
Rush 3 day	☐	Category A	☐	NYSDEC EDD	☒
Rush 2 day	☐	Category B	☐		
Rush 1 day	☐				
Other please indicate date needed:	☐	Other please indicate package needed:	☐	Other EDD please indicate EDD needed: Stantec	☒

Christiana Deluca — Sampled By — 2/14/25 0853 — Date/Time
[signature] — Relinquished By — 2/14/25 1035 — Date/Time
[signature] — Received By — 2/14/25 1035 — Date/Time
[signature] — Received @ Lab By — 2/14/25 11:13 — Date/Time
8.0°C iced in field 2/14/25 11:10

Total Cost:

P.I.F.

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

See additional page for sample conditions.

PARADIGM
ENVIRONMENTAL SERVICES

Chain of Custody Supplement

Client: Stantec Completed by: Cedarwinn

Lab Project ID: 250590 Date: 2/14/25

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	*NELAC compliance with the sample condition requirements upon receipt* Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X		
Comments			
Preservation	X per label		
Comments			
Chlorine Absent (<0.10 ppm per test strip)	X		
Comments	VOA: Cl⁻ neg.		
Holding Time	X		
Comments			
Temperature	X		
Comments	8.0°C iced in field		
Compliant Sample Quantity/Type	X		
Comments			

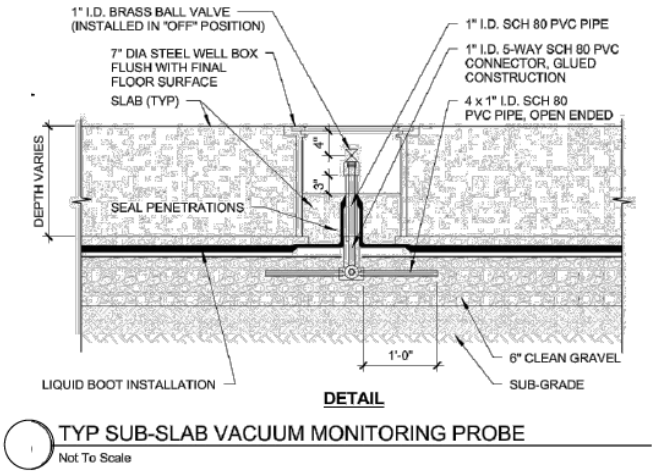
APPENDIX D
NYSDEC Correspondence

From: Best, Laura
To: Klier, Joshuah J (DEC)
Subject: Carriage Factory BCP Site #C828184 - O&M Observation
Date: Friday, March 7, 2025 12:09:00 PM
Attachments: image001.png

Dear Josh,

As requested, here is a summary of our phone conversation last week regarding Vacuum Monitoring Point (VMP)-6 (which we will include in the PRR):

- VMP-6 is located in the first-floor maintenance room on the west side of the building.
- Stantec was onsite on February 14, 2025 for routine O&M activities and was informed by maintenance staff that the diesel tank situated above VMP-6 was improperly filled two weeks prior, releasing less than 5 gallons of fuel onto the floor. Maintenance staff were reported to have cleaned the floor immediately.
- Some residual odors were observed by Stantec at this time, however no visual indications of this release was observed on the concrete floor.
- While testing the differential pressure at VMP-6, it was observed that some of this fuel had entered the annular space of the casing and was cleaned up using sorbent cloths. This annular space is sealed above the SSDS liquid boot liner.
- After reviewing the VMP construction diagram, and as discussed with you, there is no recommended action at this time as the material did not enter the subsurface given the liquid boot installation seal beneath the concrete. No evidence of cracks around the edges of the casing were observed.





Please reach out with any questions.

Thank you, Laura

Laura Best
Mobile: 585 301-0166
Laura.Best@stantec.com

Stantec
61 Commercial Street Suite 100
Rochester NY 14614-1009

The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately.

APPENDIX E
Annual Site Inspection Forms

Annual Site Inspection Form
Former Carriage Factory
Brownfield Cleanup Program Site # C828184
33 Litchfield Street
Rochester, Monroe County, New York

Inspection Date: February 14 & 26, 2025

Time Period Inspection Covers: March 16, 2024 – March 16, 2025

Inspector(s): Christiana DeLuca **Weather:** 20s-30s, overcast

A. **Describe the site usage** (i.e. commercial or industrial purposes, or higher-level usage [i.e. unrestricted, residential])? Residential apartments

B. **Describe general site conditions**:
   1. **Interior**: Concrete floors are generally covered with tile, or apparent linoleum materials. Some areas are carpeted. The floors that were observed (did not access individual private residential apartments) are in excellent condition with no indications or settling cracking, etc. Some utility rooms are bare concrete; only minor cracks and chips were observed in these floors. No wear and tear outside of general use and inhabitance was observed.
   2. **Exterior**: The exterior inspection took place on February 26, 2025 due to snow cover on February 14, 2025. Building is mostly surrounded on the north, east and south by concrete sidewalks, with landscape areas on the south side near the main entrance. Remainder of exterior is generally asphalt driveway/parking areas, with a narrow outer 'buffer' of grass-covered areas. There was no indication of cracking or damage to materials, and no observed disturbance to the landscaping, sod or soil.

C. **Is the site currently undergoing development?** No. **If so, describe.** n/a

D. **Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during the Reporting Period?** No.

E. **Is the site being used for vegetable gardening or farming**? No.

F. **Has groundwater monitoring been performed according to the schedule in the Site Management Plan (SMP)?** Yes – see accompanying *Periodic Review Report*.

G. **Is groundwater being used on-site**? No. **If so, is it being rendered safe for its intended use? Describe**. N/A.

H. **Are there buildings on-site?** Yes – One 5-story apartment building with a small utility outbuilding.

I. **If so, has the potential for vapor intrusion been evaluated or has a sub-slab depressurization system (SSDS) been installed?** Yes. **If a SSDS is present, has the SMP been modified to include a SSDS inspection schedule and form?** Yes, this was included in the original SMP.

J. **Are soil covers in place on bermed or landscaped areas as defined in SMP?** Yes. Following excavation activities performed during this reporting period as part of the cooling tower project, portions of the soil cover system were temporarily removed, and subsequently replaced with orange construction fencing as the vertical demarcation layer; this cover system modification was approved by NYSDEC via e-mail correspondence. A revised Figure 9 of the SMP is attached in this report to depict the work areas.

K. **Are asphalt/concrete-paved areas of the site covers intact?** Yes.

L. **Is vegetation on soil covers in place?** Yes – grass in border areas and landscape islands, and ornamental shrubs and mulch in garden areas.

M. **Have any activities been conducted since the last inspection that necessitated site management activities be conducted, such as excavation in covered areas, confirmation sampling and a health and safety inspection?** Yes. Renovations to the building's HVAC system required exterior facility improvements including excavations for utility lines associated with the construction of a new cooling tower system. Details of the site management activities performed pursuant to the SMP's EWP are documented in Section 5 of this report.

N. **Is the site in compliance with permits and schedules included in the Operations and Maintenance Plan in the SMP?** Yes.

O. **Have any federal, state, and/or local permits (e.g. building, discharge) been issued for or at the property during this Reporting Period?** No new permits have been issued. The permit for ground intrusive work performed during this reporting period was issued in 2023 and included in the 2024 PRR. The Site also has a current, up-to-date Sewer Discharge Permit with Monroe County Department of Environmental Services for discharge of sump water and groundwater sampling purge water which is sampled for approval prior to discharge under this permit.

P. **Has all reporting been performed per the schedules outlined in the SMP and are all site records up to date?** Yes.

Q. **Area all ICs/ECs in place and functioning as designed?** Yes.

R. **Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding off-site contamination are no longer valid?** No.

S. **Are the assumptions in the Qualitative Exposure Assessment still valid?** Yes.

Department of **Environmental Services**
Monroe County, New York

Industrial Waste Control
145 Paul Rd Bldg. 1
Rochester, NY 14624

Industrial Pretreatment Inspection Report

Part A

Name of Industrial User	**Carriage Factory Apartments**		
Location:	**33 Litchfield Street**		
Interviewee:	**Christiana DeLuca**	Inspector:	**Don Wolf**
	Ryan Malia		
Permit No.: IWC-	**996**	Inspection Date:	**9/5/2024**
Permit Expiration Date:	**7/31/2026**	Inspection Time:	**08:30**
Primary Contact:	**Laura Best**		
Secondary Contact:	**Christiana DeLuca**		

Part B Pre-Inspection

Type of Industrial Category:	**Groundwater Remediation**
Self-Monitoring:	☐Monthly ☒Quarterly ☐Semi-Annual ☐Annual ☐Batch ☐Optional
Is Self Monitoring Up To Date?	☒Yes ☐No
Do Self Monitoring and Events tables match permit?	☒Yes ☐No
Discharge Meter data up to date?	☒Yes ☐No
Date of last read:	**5/2024**
Violations in past 2 Years?	☐Yes ☒ No
If yes, explain:	

Site History:	**Old Site where horse carriages were constructed, now converted to a residential building. The site was contaminated with solvents and metals from the commercial use**
Principal Contaminants:	**Cd, Cu, Pb, Zn, VOCs**
Has NYSDEC issued a Record of Decision?	☐Yes ☒No
Continuous Discharge?	☒Yes ☐ No
If no, explain: **The elevator sump is a continuous discharge. There is also ground water from well development that is pumped to a tank (or drum), each batch is analyzed prior to obtaining approval to discharge through the sample point.**	
Average Daily Flow	**1.5 (sump is often dry) GPD**

Part C Pretreatment

Type of treatment system used:		
	☐Air Stripper	
	☐Carbon	
	☐Solids Filter	
	☐O/W Separator	
	☐other:	
	☐other:	

Site Visit Frequency:	**quarterly**
Maintenance Schedule for system:	**As Needed**
How often is equipment changed?	
Carbon drums:	
Bag Filters:	
O/W Separator Cleaned:	
Are Chemicals Stored on Site?	☐Yes ☒No

If Yes, Name and Volume:	
Chemicals Stored on Site	Volume
1.	
2.	
3.	
4.	
5.	

Discharge Meter Reading:	**Not Read**
Influent pollutant concentration levels have:	☐Increased ☒Decreased ☐ Remain Constant

Overall Comments:

The elevator sump discharge has no treatment, it is being monitored via SMR. Metals analysis was removed from SMR for this permit cycle due to non-detects in past sample results. Site contacts were reviewed and updated. Carriage Factory contacts are Mark Fuller and Jon Penna. Stantec contacts are Laura Best and Christiana DeLuca.

Signature of Inspector: David Wht Date: 9/5/2024

Reviewed by: Sean Rice Date: 9/5/2024

APPENDIX F

Cooling Tower Excavation Material Management Documentation

Stantec

Photographic Log

Client:	**Carriage Factory Special Needs Appartments, L.P.**	**Project:**	**Cooling Tower Excavation 2024**
Site Name:	**Carriage Factory**	**Site Location:**	**33 Litchfield St, Rochester, NY**

Photograph ID: 1 **Photo Location:** Alongside building **Direction:** W **Survey Date:** 3/20/2024 **Comments:** Excavation area prior to ground disturbance.	
Photograph ID: 2 **Photo Location:** Excavation are for piping to cooling tower pad. **Direction:** S **Survey Date:** 3/20/2024 **Comments:** Excavation area prior to ground disturbance.	

Client:	**Carriage Factory Special Needs Appartments, L.P.**	**Project:**	**Cooling Tower Excavation 2024**
Site Name:	**Carriage Factory**	**Site Location:**	**33 Litchfield St, Rochester, NY**

Photograph ID: 3 **Photo Location:** Alongside building exterior **Direction:** N **Survey Date:** 3/20/2024 **Comments:** Day 1 excavation: Removal of cover system material	
Photograph ID: 4 **Photo Location:** Alongside building exterior **Direction:** NE **Survey Date:** 3/20/2024 **Comments:** Day 1 excavation: Demarcation fabric is removed.	

Client:	**Carriage Factory Special Needs Appartments, L.P.**	**Project:**	**Cooling Tower Excavation 2024**
Site Name:	**Carriage Factory**	**Site Location:**	**33 Litchfield St, Rochester, NY**

Photograph ID: 5

Photo Location:
Alongside building exterior

Direction:
E

Survey Date:
3/21/2024

Comments:
Day 2 excavation: Progress in excavating area alongside building.



Photograph ID: 6

Photo Location:
Fenceline Excavation Area

Direction:
N

Survey Date:
3/21/2024

Comments:
Day 2 excavation: Begin excavating along fenceline.



Client:	**Carriage Factory Special Needs Appartments, L.P.**	**Project:**	**Cooling Tower Excavation 2024**
Site Name:	**Carriage Factory**	**Site Location:**	**33 Litchfield St, Rochester, NY**

Photograph ID: 7 **Photo Location:** Fenceline Excavation Area **Direction:** S **Survey Date:** 3/22/2024 **Comments:** Day 3 excavation: Subsurface demarcation layer was not present in this area.	
Photograph ID: 8 **Photo Location:** Excavation under steps to Clark Alley **Direction:** W **Survey Date:** 3/25/2024 **Comments:** Day 4 excavation: Crushed stone and soil are removed below the staircase leading to Clark Alley access.	

Client:	**Carriage Factory Special Needs Appartments, L.P.**	**Project:**	**Cooling Tower Excavation 2024**
Site Name:	**Carriage Factory**	**Site Location:**	**33 Litchfield St, Rochester, NY**

Photograph ID: 9 **Photo Location:** Fenceline Excavation Area **Direction:** NW **Survey Date:** 3/25/2024 **Comments:** Day 4 excavation: A view of the connection channel dug underneath the staircase.	
Photograph ID: 10 **Photo Location:** Fenceline Excavation Area **Direction:** S **Survey Date:** 3/25/2024 **Comments:** Day 4 excavation: Vertical extent of trenching along fenceline.	

Client:	**Carriage Factory Special Needs Appartments, L.P.**	**Project:**	**Cooling Tower Excavation 2024**
Site Name:	**Carriage Factory**	**Site Location:**	**33 Litchfield St, Rochester, NY**

Photograph ID: 11 **Photo Location:** Fenceline Excavation Area **Direction:** N **Survey Date:** 3/29/2024 **Comments:** Day 1 backfilling: Cooling tower lines have been placed in the trench.	
Photograph ID: 12 **Photo Location:** Alongside building exterior **Direction:** W **Survey Date:** 3/29/2024 **Comments:** Day 1 backfilling: Cooling tower lines placed in area alongside building exterior, connecting to interior lines.	

Client:	**Carriage Factory Special Needs Appartments, L.P.**	**Project:**	**Cooling Tower Excavation 2024**
Site Name:	**Carriage Factory**	**Site Location:**	**33 Litchfield St, Rochester, NY**

Photograph ID: 13 **Photo Location:** Alongside building exterior **Direction:** W **Survey Date:** 3/29/2024 **Comments:** Day 2 backfilling: Demarcation layer is placed 2 ft below grade in area alongside building.	
Photograph ID: 14 **Photo Location:** Fenceline Excavation Area **Direction:** S **Survey Date:** 3/29/2024 **Comments:** Day 2 backfilling: Demarcation layer is placed 2 ft below anticipated grade in area along fenceline and topped with approved cover system material.	

Client:	**Carriage Factory Special Needs Appartments, L.P.**	**Project:**	**Cooling Tower Excavation 2024**
Site Name:	**Carriage Factory**	**Site Location:**	**33 Litchfield St, Rochester, NY**

Photograph ID: 15

Photo Location:
Alongside building exterior

Direction:
W

Survey Date:
4/16/2024

Comments:
Day 3 backfilling: Area alongside building is complete with approved cover system material.



Photograph ID: 16

Photo Location:
Fenceline Excavation Area

Direction:
N

Survey Date:
4/16/2024

Comments:
Day 3 backfilling: Cover system is placed along fenceline area.



Client:	**Carriage Factory Special Needs Appartments, L.P.**	**Project:**	**Cooling Tower Excavation 2024**
Site Name:	**Carriage Factory**	**Site Location:**	**33 Litchfield St, Rochester, NY**

Photograph ID: 17

Photo Location:
Fenceline Excavation Area

Direction:
SW

Survey Date:
4/17/2024

Comments:
Day 4 backfilling: Area along fenceline following compaction.



Photograph ID: 18

Photo Location:
Cooling Tower Pad Excavation Area

Direction:
W

Survey Date:
4/17/2024

Comments:
Asphalt is cut and removed from the area where a new dumpster pad will be installed.



Client:	**Carriage Factory Special Needs Appartments, L.P.**	**Project:**	**Cooling Tower Excavation 2024**
Site Name:	**Carriage Factory**	**Site Location:**	**33 Litchfield St, Rochester, NY**

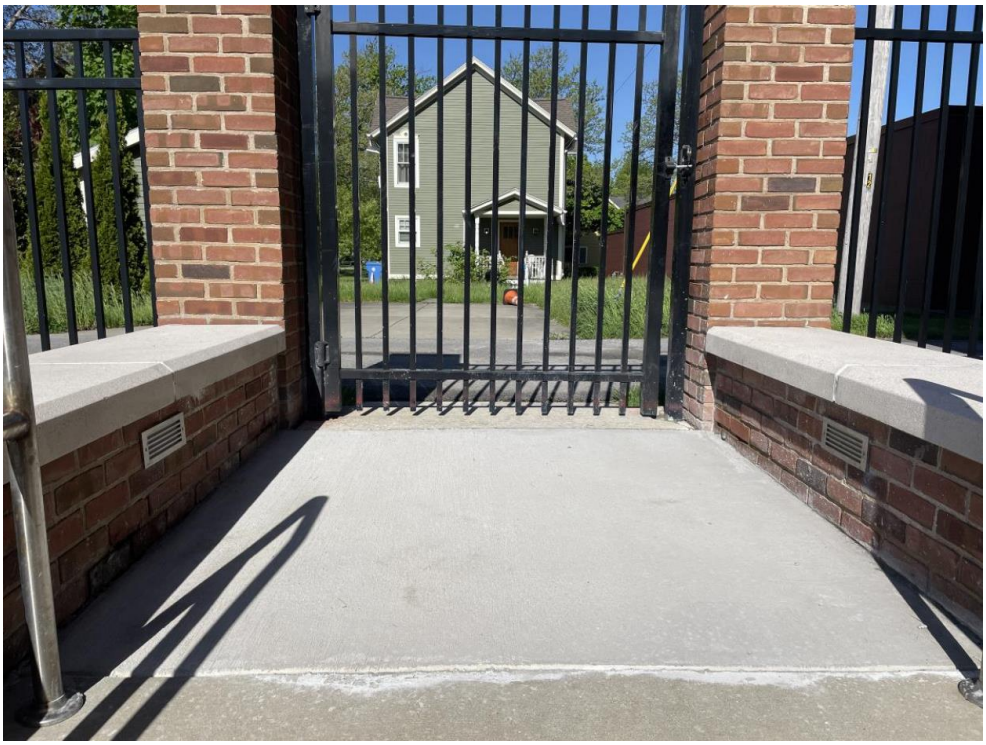
Photograph ID: 19

Photo Location:
Staircase to Clark Alley

Direction:
W

Survey Date:
5/8/2024

Comments:
Concrete step completed.



Photograph ID: 20

Photo Location:
Fenceline Excavation Area

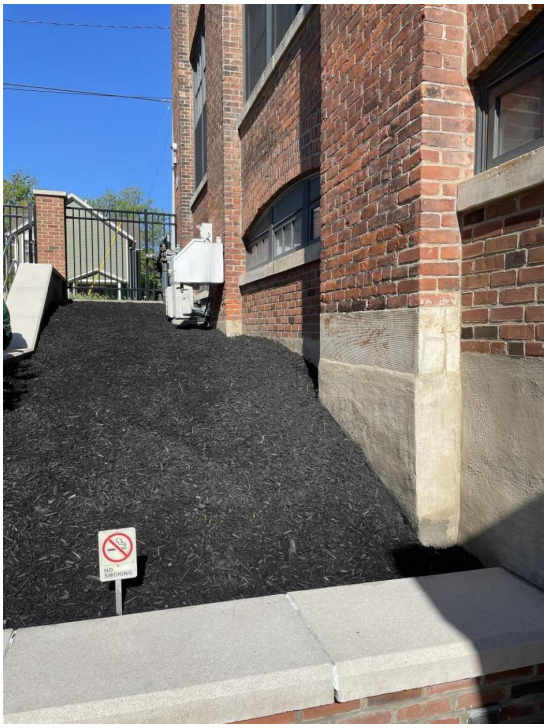
Direction:
S

Survey Date:
5/8/2024

Comments:
Mulch placed in area along fence.



Client:	**Carriage Factory Special Needs Appartments, L.P.**	**Project:**	**Cooling Tower Excavation 2024**
Site Name:	**Carriage Factory**	**Site Location:**	**33 Litchfield St, Rochester, NY**

Photograph ID: 21 **Photo Location:** Alongside building exterior **Direction:** W **Survey Date:** 5/8/2024 **Comments:** Mulch placed in area alongside the exterior of the building.	
Photograph ID: 22 **Photo Location:** Fenceline Excavation Area **Direction:** N **Survey Date:** 5/8/2024 **Comments:** View from the southern extent of excavation work along the fenceline following the application of mulch.	

3/20/24

REFERENCES:

LIBER 11202 OF DEEDS, PAGE 160

ABSTRACT OF TITLE PREPARED BY FRONTIER ABSTRACT AND RESEARCH SERVICES INC. SEARCH #506433, DATED DECEMBER 11, 2007.

BOUNDARY LINE AGREEMENT, LIBER 10555 OF DEEDS, PAGE 474.

TITLE REPORT PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, TITLE #TM-444-MON-11, DATED JANUARY 18, 2013.

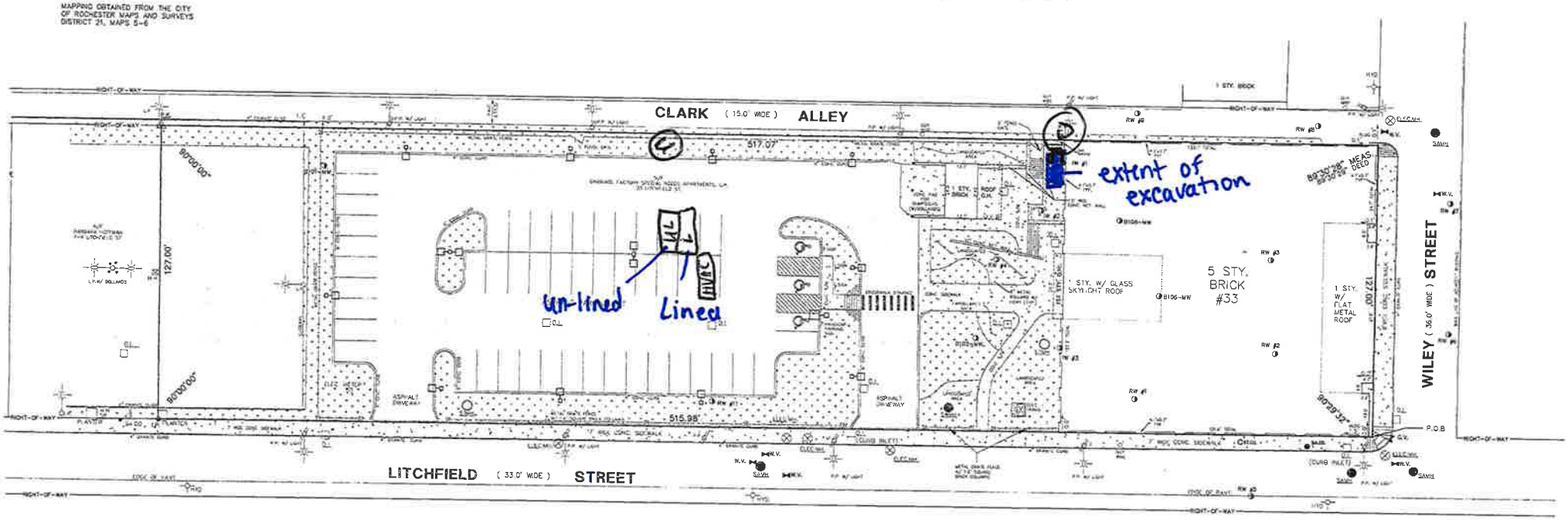
MAPPING OBTAINED FROM THE CITY OF ROCHESTER MAPS AND SURVEYS DISTRICT 21, MAPS 5-6

EASEMENTS:

ENVIRONMENTAL EASEMENT TO NYSDEC. THE AREA OF THE EASEMENT BOUNDARY MATCHES THE PARCEL BOUNDARY AS DESCRIBED BELOW.

EASEMENT TO R.G.& E., LIBER 1561 OF DEEDS, PAGE 474. FOR STEAM LINES ON LITCHFIELD STREET "UNDER, ALONG AND ADJACENT TO PREMISES FOR APPROX. 124 FEET" (UNABLE TO PLOT LOCATION ON MAP FROM DESCRIPTION)

NORTH



ENGINEERING CONTROLS:

SYMBOL	DESCRIPTION
	AREAS WITH CONCRETE CAP
	AREAS WITH ASPHALT CAP
	AREAS OF GRASS AND/OR LANDSCAPING

LEGEND:

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SIGN		CURB
	LIGHT POLE		CURB TRANSITION (CURB-CUT)
	LIGHT POLE	W.V.	WATER VALVE
	POWER POLE	HYD	FIRE HYDRANT
###	MONITORING WELL LOCATIONS	G.V.	GAS VALVE
SAWH	SANITARY MANHOLE		STAIRS OR HANDICAP RAMP
STMH	STORM MANHOLE	SA.CO.	SANITARY CLEANOUT
ELEC.M/H	ELECTRIC/UTILITY MANHOLE	ST.CO	STORM CLEANOUT

ENVIRONMENTAL REMEDIATION SYSTEM NOTES:

1. OPERATING REMEDIATION SYSTEMS IN PLACE WITHIN THE SITE BUILDING BUT NOT SHOWN ON THIS SURVEY PLAN INCLUDE:
   a) A VAPOR INTRUSION SUB-SLAB DEPRESSURIZATION SYSTEM (SSDS);
   b) A BASEMENT ELEVATOR SUMP SYSTEM, AND
   c) A GROUNDWATER INJECTION PIPING SYSTEM.
   AS-BUILT DETAILS FOR EACH OF THESE SYSTEMS ARE PROVIDED IN THE FORMER CARRIAGE FACTORY, MONROE COUNTY, NEW YORK, SITE MANAGEMENT PLAN, NYSDEC SITE NUMBER: C828184 (SMP). THE FOLLOWING SMP FIGURES PROVIDE DETAILS:
   FIGURE 7A

PARCEL AND ENVIRONMENTAL EASEMENT LEGAL DESCRIPTION:

ALL THAT TRACT OR PARCEL OF LAND SITUATE IN THE CITY OF ROCHESTER, COUNTY OF MONROE AND STATE OF NEW YORK, BEING PART OF THE BUSH AND KING TRACT, SO CALLED, KNOWN AND DESCRIBED AS FOLLOWS:

COMMENCING AT THE POINT OF INTERSECTION OF THE WESTERLY LINE OF LITCHFIELD STREET (33 FEET WIDE) AND THE SOUTHERLY LINE OF WILEY STREET (36 FEET WIDE) AND RUNNING THE FOLLOWING COURSES AS DESCRIBED IN A DEED FILED IN THE MONROE COUNTY CLERKS OFFICE, LIBER 10555 OF DEEDS, PAGE 478.

THENCE 1) WESTERLY, ALONG THE SOUTHERLY LINE OF WILEY STREET, A DISTANCE OF 127.00 FEET TO A POINT WHERE THE SOUTHERLY LINE OF WILEY STREET INTERSECTS THE EASTERLY LINE OF CLARK ALLEY,

THENCE 2) SOUTHERLY, AT AN INTERIOR ANGLE OF 89°-30'-28" (SHOWN AS

NY UNAUTHORIZED ALTERATION OR ADDITION TO THIS MAP IS A VIOLATION OF ARTICLE 145, SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.

F. PARRONE ENGINEERING, HEREBY CERTIFY THAT THE

Stantec

CAMP Field Notes

Name: Christiana DeLuca

Date: 3/20/24

Project: Former Carriage Factory Site

Weather conditions: Sunny/snowy

Estimated wind speed (calm, moderate, strong): SW, calm.

Equipment		
	Upwind/Work	Downwind
PID (10.6 eV)	FA04862	FA05012
Dusttrak	STN 1	STN 2
Enclosure	FA02223	FA02387

Work Location	Wind Direction*	TIME	UPGRADIENT		DOWNGRADIENT		WORK AREA	Notes (discuss any exceedances noted, any visible dust, other conditions of note, etc.)
			DUST (mg/m3)	VOC (ppm)	DUST (mg/m3)	VOC (ppm)	VOC (ppm)	
NW section of bldg ex.	W	1210	0.008	–	0.008	0.0	0.0	Begin excavation.
		1225	0.006	–	0.005	0.0	0.0	
	WNW	1240	0.014	–	0.011	0.0	0.0	
		1255	0.017	–	0.005	0.0	0.0	
		1310	0.015	–	0.007	0.0	0.0	
		1325	0.010	–	0.004	0.0	0.0	Start digging below demarcation geotextile
		1340	0.007	–	0.003	0.0	0.0	Crushed stone encountered.
		1355	0.006	–	0.003	0.0	0.0	more brown silty sand.
		1410	0.009	–	0.003	0.0	0.0	
		1425	0.021	–	0.009	0.0	0.0	
		1440	0.005	–	0.005	0.0	0.0	
	W	1455	0.008	–	0.003	0.0	0.0	spray paint @ 1500.
		1510	0.009	–	0.015	0.0	0.0	more paint
		1525	0.007	–	0.004	0.0	0.0	35 mph gusts
		1540	0.010	–	0.015	0.0	0.0	
		1555	0.007	–	0.008	0.0	0.0	
		1610	0.008	–	0.004	0.0	0.0	remove more cover material.
		1625	0.008		0.003	0.0	0.0	Conf. removal below cover.

*Wind direction is reported as the direction from which it originates

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
12:10	N/A	N/A	0.014		Begin excavation in NW section of building exterior. Wind W
12:11	N/A	N/A	0.011		
12:12	N/A	N/A	0.014		
12:13	N/A	N/A	0.023		
12:14	N/A	N/A	0.012		
12:15	N/A	N/A	0.012		
12:16	N/A	N/A	0.012		
12:17	N/A	N/A	0.010		
12:18	N/A	N/A	0.014		
12:19	N/A	N/A	0.012		
12:20	N/A	N/A	0.011		
12:21	N/A	N/A	0.013		
12:22	N/A	N/A	0.014		
12:23	N/A	N/A	0.014		
12:24	N/A	N/A	0.014		
12:25	N/A	N/A	0.015	0.013	
12:26	N/A	N/A	0.013	0.013	
12:27	N/A	N/A	0.012	0.014	
12:28	N/A	N/A	0.014	0.013	
12:29	N/A	N/A	0.014	0.013	
12:30	N/A	N/A	0.016	0.013	
12:31	N/A	N/A	0.012	0.013	
12:32	N/A	N/A	0.015	0.013	
12:33	N/A	N/A	0.018	0.014	
12:34	N/A	N/A	0.017	0.014	
12:35	N/A	N/A	0.016	0.014	
12:36	N/A	N/A	0.015	0.014	
12:37	N/A	N/A	0.014	0.015	
12:38	N/A	N/A	0.012	0.015	
12:39	N/A	N/A	0.013	0.014	
12:40	N/A	N/A	0.013	0.014	Wind WNW
12:41	N/A	N/A	0.016	0.014	
12:42	N/A	N/A	0.014	0.014	
12:43	N/A	N/A	0.014	0.015	
12:44	N/A	N/A	0.014	0.015	
12:45	N/A	N/A	0.014	0.015	
12:46	N/A	N/A	0.015	0.014	
12:47	N/A	N/A	0.016	0.015	
12:48	N/A	N/A	0.013	0.015	
12:49	N/A	N/A	0.013	0.014	
12:50	N/A	N/A	0.015	0.014	
12:51	N/A	N/A	0.015	0.014	
12:52	N/A	N/A	0.017	0.014	
12:53	N/A	N/A	0.018	0.014	
12:54	N/A	N/A	0.015	0.015	
12:55	N/A	N/A	0.015	0.015	
12:56	N/A	N/A	0.017	0.015	
12:57	N/A	N/A	0.013	0.015	
12:58	N/A	N/A	0.014	0.015	
12:59	N/A	N/A	0.015	0.015	
13:00	N/A	N/A	0.012	0.015	
13:01	N/A	N/A	0.012	0.015	
13:02	N/A	N/A	0.014	0.015	
13:03	N/A	N/A	0.011	0.015	
13:04	N/A	N/A	0.013	0.014	
13:05	N/A	N/A	0.014	0.014	
13:06	N/A	N/A	0.012	0.014	
13:07	N/A	N/A	0.013	0.014	
13:08	N/A	N/A	0.014	0.014	
13:09	N/A	N/A	0.013	0.014	
13:10	N/A	N/A	0.014	0.013	
13:11	N/A	N/A	0.016	0.013	
13:12	N/A	N/A	0.014	0.013	
13:13	N/A	N/A	0.022	0.013	
13:14	N/A	N/A	0.015	0.014	
13:15	N/A	N/A	0.014	0.014	
13:16	N/A	N/A	0.013	0.014	
13:17	N/A	N/A	0.012	0.014	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
13:18	N/A	N/A	0.014	0.014	
13:19	N/A	N/A	0.013	0.014	
13:20	N/A	N/A	0.013	0.014	
13:21	N/A	N/A	0.012	0.014	
13:22	N/A	N/A	0.017	0.014	
13:23	N/A	N/A	0.013	0.014	
13:24	N/A	N/A	0.012	0.014	
13:25	N/A	N/A	0.020	0.014	Start digging below demarcation geotextile.
13:26	N/A	N/A	0.012	0.015	
13:27	N/A	N/A	0.014	0.014	
13:28	N/A	N/A	0.014	0.014	
13:29	N/A	N/A	0.014	0.014	
13:30	N/A	N/A	0.015	0.014	
13:31	N/A	N/A	0.011	0.014	
13:32	N/A	N/A	0.015	0.014	
13:33	N/A	N/A	0.010	0.014	
13:34	N/A	N/A	0.012	0.014	
13:35	N/A	N/A	0.011	0.014	
13:36	N/A	N/A	0.012	0.013	
13:37	N/A	N/A	0.011	0.013	
13:38	N/A	N/A	0.013	0.013	
13:39	N/A	N/A	0.013	0.013	
13:40	N/A	N/A	0.012	0.013	Crushed stone encountered
13:41	N/A	N/A	0.010	0.013	
13:42	N/A	N/A	0.013	0.012	
13:43	N/A	N/A	0.011	0.012	
13:44	N/A	N/A	0.014	0.012	
13:45	N/A	N/A	0.016	0.012	
13:46	N/A	N/A	0.012	0.012	
13:47	N/A	N/A	0.011	0.012	
13:48	N/A	N/A	0.010	0.012	
13:49	N/A	N/A	0.012	0.012	
13:50	N/A	N/A	0.012	0.012	
13:51	N/A	N/A	0.011	0.012	
13:52	N/A	N/A	0.011	0.012	
13:53	N/A	N/A	0.011	0.012	
13:54	N/A	N/A	0.013	0.012	
13:55	N/A	N/A	0.014	0.012	Brown silty sand
13:56	N/A	N/A	0.013	0.012	
13:57	N/A	N/A	0.011	0.012	
13:58	N/A	N/A	0.013	0.012	
13:59	N/A	N/A	0.014	0.012	
14:00	N/A	N/A	0.012	0.012	
14:01	N/A	N/A	0.014	0.012	
14:02	N/A	N/A	0.010	0.012	
14:03	N/A	N/A	0.011	0.012	
14:04	N/A	N/A	0.011	0.012	
14:05	N/A	N/A	0.014	0.012	
14:06	N/A	N/A	0.010	0.012	
14:07	N/A	N/A	0.010	0.012	
14:08	N/A	N/A	0.011	0.012	
14:09	N/A	N/A	0.011	0.012	
14:10	N/A	N/A	0.013	0.012	
14:11	N/A	N/A	0.012	0.012	
14:12	N/A	N/A	0.013	0.012	
14:13	N/A	N/A	0.012	0.012	
14:14	N/A	N/A	0.011	0.012	
14:15	N/A	N/A	0.013	0.012	
14:16	N/A	N/A	0.013	0.012	
14:17	N/A	N/A	0.012	0.012	
14:18	N/A	N/A	0.014	0.012	
14:19	N/A	N/A	0.012	0.012	
14:20	N/A	N/A	0.014	0.012	
14:21	N/A	N/A	0.013	0.012	
14:22	N/A	N/A	0.018	0.012	
14:23	N/A	N/A	0.014	0.013	
14:24	N/A	N/A	0.014	0.013	
14:25	N/A	N/A	0.014	0.013	
14:26	N/A	N/A	0.013	0.013	
14:27	N/A	N/A	0.013	0.013	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
14:28	N/A	N/A	0.013	0.013	
14:29	N/A	N/A	0.014	0.013	
14:30	N/A	N/A	0.013	0.014	
14:31	N/A	N/A	0.013	0.014	
14:32	N/A	N/A	0.012	0.014	
14:33	N/A	N/A	0.012	0.014	
14:34	N/A	N/A	0.013	0.013	
14:35	N/A	N/A	0.016	0.014	
14:36	N/A	N/A	0.011	0.014	
14:37	N/A	N/A	0.012	0.014	
14:38	N/A	N/A	0.012	0.013	
14:39	N/A	N/A	0.012	0.013	
14:40	N/A	N/A	0.010	0.013	
14:41	N/A	N/A	0.008	0.013	
14:42	N/A	N/A	0.010	0.012	
14:43	N/A	N/A	0.009	0.012	
14:44	N/A	N/A	0.010	0.012	
14:45	N/A	N/A	0.008	0.012	
14:46	N/A	N/A	0.009	0.011	
14:47	N/A	N/A	0.010	0.011	
14:48	N/A	N/A	0.010	0.011	
14:49	N/A	N/A	0.009	0.011	
14:50	N/A	N/A	0.010	0.010	
14:51	N/A	N/A	0.009	0.010	
14:52	N/A	N/A	0.008	0.010	
14:53	N/A	N/A	0.008	0.010	
14:54	N/A	N/A	0.009	0.009	
14:55	N/A	N/A	0.011	0.009	Spray paint at 1500.
14:56	N/A	N/A	0.008	0.009	
14:57	N/A	N/A	0.009	0.009	
14:58	N/A	N/A	0.009	0.009	
14:59	N/A	N/A	0.011	0.009	
15:00	N/A	N/A	0.009	0.009	
15:01	N/A	N/A	0.009	0.009	
15:02	N/A	N/A	0.008	0.009	
15:03	N/A	N/A	0.010	0.009	
15:04	N/A	N/A	0.010	0.009	
15:05	N/A	N/A	0.009	0.009	
15:06	N/A	N/A	0.009	0.009	
15:07	N/A	N/A	0.011	0.009	
15:08	N/A	N/A	0.011	0.009	
15:09	N/A	N/A	0.010	0.010	
15:10	N/A	N/A	0.009	0.010	More spray paint
15:11	N/A	N/A	0.009	0.009	
15:12	N/A	N/A	0.008	0.010	
15:13	N/A	N/A	0.008	0.009	
15:14	N/A	N/A	0.009	0.009	
15:15	N/A	N/A	0.009	0.009	
15:16	N/A	N/A	0.009	0.009	
15:17	N/A	N/A	0.011	0.009	
15:18	N/A	N/A	0.008	0.009	
15:19	N/A	N/A	0.008	0.009	
15:20	N/A	N/A	0.009	0.009	
15:21	N/A	N/A	0.009	0.009	
15:22	N/A	N/A	0.008	0.009	
15:23	N/A	N/A	0.010	0.009	
15:24	N/A	N/A	0.009	0.009	
15:25	N/A	N/A	0.008	0.009	35 mph wind gusts.
15:26	N/A	N/A	0.009	0.009	
15:27	N/A	N/A	0.009	0.009	
15:28	N/A	N/A	0.009	0.009	
15:29	N/A	N/A	0.010	0.009	
15:30	N/A	N/A	0.009	0.009	
15:31	N/A	N/A	0.009	0.009	
15:32	N/A	N/A	0.008	0.009	
15:33	N/A	N/A	0.007	0.009	
15:34	N/A	N/A	0.008	0.009	
15:35	N/A	N/A	0.008	0.009	
15:36	N/A	N/A	0.009	0.009	
15:37	N/A	N/A	0.008	0.009	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
15:38	N/A	N/A	0.008	0.009	
15:39	N/A	N/A	0.009	0.009	
15:40	N/A	N/A	0.008	0.009	
15:41	N/A	N/A	0.009	0.009	
15:42	N/A	N/A	0.008	0.009	
15:43	N/A	N/A	0.009	0.008	
15:44	N/A	N/A	0.008	0.008	
15:45	N/A	N/A	0.009	0.008	
15:46	N/A	N/A	0.008	0.008	
15:47	N/A	N/A	0.009	0.008	
15:48	N/A	N/A	0.008	0.008	
15:49	N/A	N/A	0.009	0.008	
15:50	N/A	N/A	0.009	0.008	
15:51	N/A	N/A	0.008	0.009	
15:52	N/A	N/A	0.010	0.008	
15:53	N/A	N/A	0.009	0.009	
15:54	N/A	N/A	0.009	0.009	
15:55	N/A	N/A	0.009	0.009	
15:56	N/A	N/A	0.008	0.009	
15:57	N/A	N/A	0.009	0.009	
15:58	N/A	N/A	0.008	0.009	
15:59	N/A	N/A	0.008	0.009	
16:00	N/A	N/A	0.010	0.009	
16:01	N/A	N/A	0.010	0.009	
16:02	N/A	N/A	0.011	0.009	
16:03	N/A	N/A	0.009	0.009	
16:04	N/A	N/A	0.008	0.009	
16:05	N/A	N/A	0.009	0.009	
16:06	N/A	N/A	0.012	0.009	
16:07	N/A	N/A	0.010	0.009	
16:08	N/A	N/A	0.009	0.009	
16:09	N/A	N/A	0.010	0.009	
16:10	N/A	N/A	0.009	0.009	Continue removing cover material.
16:11	N/A	N/A	0.010	0.009	
16:12	N/A	N/A	0.009	0.009	
16:13	N/A	N/A	0.010	0.009	
16:14	N/A	N/A	0.010	0.010	
16:15	N/A	N/A	0.010	0.010	
16:16	N/A	N/A	0.010	0.010	
16:17	N/A	N/A	0.009	0.010	
16:18	N/A	N/A	0.009	0.010	
16:19	N/A	N/A	0.011	0.010	
16:20	N/A	N/A	0.011	0.010	
16:21	N/A	N/A	0.010	0.010	
16:22	N/A	N/A	0.011	0.010	
16:23	N/A	N/A	0.008	0.010	
16:24	N/A	N/A	0.011	0.010	
16:25	N/A	N/A	0.015	0.010	Continue removing material below demarcation layer.
16:26	N/A	N/A	0.010	0.010	
16:27	N/A	N/A	0.009	0.010	
16:28	N/A	N/A	0.010	0.010	
16:29	N/A	N/A	0.010	0.010	
16:30	N/A	N/A	0.009	0.010	
16:31	N/A	N/A	0.008	0.010	
16:32	N/A	N/A	0.008	0.010	
16:33	N/A	N/A	0.009	0.010	
16:34	N/A	N/A	0.008	0.010	
16:35	N/A	N/A	0.009	0.010	
16:36	N/A	N/A	0.007	0.010	
16:37	N/A	N/A	0.008	0.009	
16:38	N/A	N/A	0.008	0.009	
16:39	N/A	N/A	0.008	0.009	
16:40	N/A	N/A	0.007	0.009	End CAMP.

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
12:10	0.0		0.007		Begin excavation in NW section of building exterior. Wind W
12:11	0.0		0.007		
12:12	0.0		0.006		
12:13	0.0		0.007		
12:14	0.0		0.006		
12:15	0.0		0.006		
12:16	0.0		0.007		
12:17	0.0		0.008		
12:18	0.0		0.006		
12:19	0.0		0.006		
12:20	0.0		0.008		
12:21	0.0		0.006		
12:22	0.0		0.005		
12:23	0.0		0.005		
12:24	0.0		0.005		
12:25	0.0	0.0	0.006	0.006	
12:26	0.0	0.0	0.006	0.006	
12:27	0.0	0.0	0.006	0.006	
12:28	0.0	0.0	0.008	0.006	
12:29	0.0	0.0	0.008	0.006	
12:30	0.0	0.0	0.010	0.006	
12:31	0.0	0.0	0.007	0.007	
12:32	0.0	0.0	0.007	0.007	
12:33	0.0	0.0	0.007	0.007	
12:34	0.0	0.0	0.007	0.007	
12:35	0.0	0.0	0.006	0.007	
12:36	0.0	0.0	0.006	0.007	
12:37	0.0	0.0	0.006	0.007	
12:38	0.0	0.0	0.005	0.007	
12:39	0.0	0.0	0.005	0.007	
12:40	0.0	0.0	0.006	0.006	Wind WNW
12:41	0.0	0.0	0.005	0.006	
12:42	0.0	0.0	0.005	0.006	
12:43	0.0	0.0	0.005	0.006	
12:44	0.0	0.0	0.005	0.006	
12:45	0.0	0.0	0.009	0.006	
12:46	0.0	0.0	0.006	0.006	
12:47	0.0	0.0	0.005	0.006	
12:48	0.0	0.0	0.007	0.006	
12:49	0.0	0.0	0.006	0.006	
12:50	0.0	0.0	0.005	0.006	
12:51	0.0	0.0	0.017	0.006	
12:52	0.0	0.0	0.009	0.007	
12:53	0.0	0.0	0.005	0.007	
12:54	0.0	0.0	0.004	0.007	
12:55	0.0	0.0	0.005	0.006	
12:56	0.0	0.0	0.006	0.006	
12:57	0.0	0.0	0.007	0.006	
12:58	0.0	0.0	0.005	0.006	
12:59	0.0	0.0	0.004	0.006	
13:00	0.0	0.0	0.005	0.006	
13:01	0.0	0.0	0.004	0.006	
13:02	0.0	0.0	0.005	0.006	
13:03	0.0	0.0	0.005	0.006	
13:04	0.0	0.0	0.005	0.006	
13:05	0.0	0.0	0.005	0.006	
13:06	0.0	0.0	0.005	0.006	
13:07	0.0	0.0	0.004	0.006	
13:08	0.0	0.0	0.006	0.006	
13:09	0.0	0.0	0.006	0.006	
13:10	0.0	0.0	0.005	0.006	
13:11	0.0	0.0	0.004	0.006	
13:12	0.0	0.0	0.005	0.005	
13:13	0.0	0.0	0.005	0.005	
13:14	0.0	0.0	0.005	0.005	
13:15	0.0	0.0	0.005	0.005	
13:16	0.0	0.0	0.005	0.005	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
13:17	0.0	0.0	0.004	0.005	
13:18	0.0	0.0	0.005	0.005	
13:19	0.0	0.0	0.004	0.005	
13:20	0.0	0.0	0.005	0.005	
13:21	0.0	0.0	0.004	0.005	
13:22	0.0	0.0	0.004	0.005	
13:23	0.0	0.0	0.004	0.005	
13:24	0.0	0.0	0.003	0.005	
13:25	0.0	0.0	0.003	0.005	Start digging below demarcation geotextile.
13:26	0.0	0.0	0.004	0.005	
13:27	0.0	0.0	0.003	0.005	
13:28	0.0	0.0	0.003	0.004	
13:29	0.0	0.0	0.003	0.004	
13:30	0.0	0.0	0.004	0.004	
13:31	0.0	0.0	0.004	0.004	
13:32	0.0	0.0	0.003	0.004	
13:33	0.0	0.0	0.004	0.004	
13:34	0.0	0.0	0.004	0.004	
13:35	0.0	0.0	0.004	0.004	
13:36	0.0	0.0	0.010	0.004	
13:37	0.0	0.0	0.003	0.004	
13:38	0.0	0.0	0.004	0.004	
13:39	0.0	0.0	0.003	0.004	
13:40	0.0	0.0	0.003	0.004	Crushed stone encountered
13:41	0.0	0.0	0.007	0.004	
13:42	0.0	0.0	0.004	0.004	
13:43	0.0	0.0	0.003	0.004	
13:44	0.0	0.0	0.003	0.004	
13:45	0.0	0.0	0.006	0.004	
13:46	0.0	0.0	0.003	0.004	
13:47	0.0	0.0	0.003	0.004	
13:48	0.0	0.0	0.003	0.004	
13:49	0.0	0.0	0.003	0.004	
13:50	0.0	0.0	0.004	0.004	
13:51	0.0	0.0	0.003	0.004	
13:52	0.0	0.0	0.003	0.004	
13:53	0.0	0.0	0.003	0.004	
13:54	0.0	0.0	0.003	0.004	
13:55	0.0	0.0	0.012	0.004	Brown silty sand
13:56	0.0	0.0	0.004	0.004	
13:57	0.0	0.0	0.003	0.004	
13:58	0.0	0.0	0.003	0.004	
13:59	0.0	0.0	0.004	0.004	
14:00	0.0	0.0	0.004	0.004	
14:01	0.0	0.0	0.003	0.004	
14:02	0.0	0.0	0.005	0.004	
14:03	0.0	0.0	0.003	0.004	
14:04	0.0	0.0	0.003	0.004	
14:05	0.0	0.0	0.003	0.004	
14:06	0.0	0.0	0.004	0.004	
14:07	0.0	0.0	0.003	0.004	
14:08	0.0	0.0	0.003	0.004	
14:09	0.0	0.0	0.003	0.004	
14:10	0.0	0.0	0.004	0.004	
14:11	0.0	0.0	0.003	0.004	
14:12	0.0	0.0	0.004	0.004	
14:13	0.0	0.0	0.005	0.004	
14:14	0.0	0.0	0.003	0.004	
14:15	0.0	0.0	0.004	0.004	
14:16	0.0	0.0	0.005	0.004	
14:17	0.0	0.0	0.009	0.004	
14:18	0.0	0.0	0.013	0.004	
14:19	0.0	0.0	0.009	0.004	
14:20	0.0	0.0	0.004	0.005	
14:21	0.0	0.0	0.004	0.005	
14:22	0.0	0.0	0.003	0.005	
14:23	0.0	0.0	0.003	0.005	
14:24	0.0	0.0	0.004	0.005	
14:25	0.0	0.0	0.005	0.005	
14:26	0.0	0.0	0.004	0.005	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
14:27	0.0	0.0	0.008	0.005	
14:28	0.0	0.0	0.004	0.005	
14:29	0.0	0.0	0.005	0.005	
14:30	0.0	0.0	0.010	0.005	
14:31	0.0	0.0	0.003	0.005	
14:32	0.0	0.0	0.005	0.005	
14:33	0.0	0.0	0.004	0.006	
14:34	0.0	0.0	0.003	0.005	
14:35	0.0	0.0	0.003	0.005	
14:36	0.0	0.0	0.003	0.005	
14:37	0.0	0.0	0.003	0.005	
14:38	0.0	0.0	0.003	0.005	
14:39	0.0	0.0	0.003	0.005	
14:40	0.0	0.0	0.004	0.004	
14:41	0.0	0.0	0.002	0.004	
14:42	0.0	0.0	0.003	0.004	
14:43	0.0	0.0	0.003	0.004	
14:44	0.0	0.0	0.004	0.004	
14:45	0.0	0.0	0.003	0.004	
14:46	0.0	0.0	0.003	0.004	
14:47	0.0	0.0	0.006	0.004	
14:48	0.0	0.0	0.003	0.004	
14:49	0.0	0.0	0.003	0.004	
14:50	0.0	0.0	0.003	0.004	
14:51	0.0	0.0	0.005	0.003	
14:52	0.0	0.0	0.004	0.003	
14:53	0.0	0.0	0.003	0.003	
14:54	0.0	0.0	0.006	0.003	
14:55	0.0	0.0	0.003	0.004	Spray paint at 1500.
14:56	0.0	0.0	0.003	0.004	
14:57	0.0	0.0	0.007	0.004	
14:58	0.0	0.0	0.012	0.004	
14:59	0.0	0.0	0.007	0.004	
15:00	0.0	0.0	0.005	0.004	
15:01	0.0	0.0	0.010	0.004	
15:02	0.0	0.0	0.007	0.005	
15:03	0.0	0.0	0.004	0.005	
15:04	0.0	0.0	0.003	0.005	
15:05	0.0	0.0	0.003	0.005	
15:06	0.0	0.0	0.003	0.005	
15:07	0.0	0.0	0.003	0.005	
15:08	0.0	0.0	0.003	0.005	
15:09	0.0	0.0	0.003	0.005	
15:10	0.0	0.0	0.003	0.005	More spray paint
15:11	0.0	0.0	0.004	0.005	
15:12	0.0	0.0	0.003	0.005	
15:13	0.0	0.0	0.003	0.005	
15:14	0.0	0.0	0.003	0.005	
15:15	0.0	0.0	0.003	0.005	
15:16	0.0	0.0	0.004	0.005	
15:17	0.0	0.0	0.004	0.005	
15:18	0.0	0.0	0.006	0.005	
15:19	0.0	0.0	0.003	0.004	
15:20	0.0	0.0	0.003	0.004	
15:21	0.0	0.0	0.003	0.004	
15:22	0.0	0.0	0.003	0.004	
15:23	0.0	0.0	0.003	0.003	
15:24	0.0	0.0	0.003	0.003	
15:25	0.0	0.0	0.003	0.003	35 mph wind gusts.
15:26	0.0	0.0	0.003	0.003	
15:27	0.0	0.0	0.003	0.003	
15:28	0.0	0.0	0.003	0.003	
15:29	0.0	0.0	0.003	0.003	
15:30	0.0	0.0	0.003	0.003	
15:31	0.0	0.0	0.006	0.003	
15:32	0.0	0.0	0.003	0.003	
15:33	0.0	0.0	0.003	0.003	
15:34	0.0	0.0	0.005	0.003	
15:35	0.0	0.0	0.005	0.004	
15:36	0.0	0.0	0.002	0.004	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
15:37	0.0	0.0	0.002	0.004	
15:38	0.0	0.0	0.002	0.003	
15:39	0.0	0.0	0.003	0.003	
15:40	0.0	0.0	0.002	0.003	
15:41	0.0	0.0	0.003	0.003	
15:42	0.0	0.0	0.003	0.003	
15:43	0.0	0.0	0.003	0.003	
15:44	0.0	0.0	0.003	0.003	
15:45	0.0	0.0	0.003	0.003	
15:46	0.0	0.0	0.003	0.003	
15:47	0.0	0.0	0.006	0.003	
15:48	0.0	0.0	0.004	0.003	
15:49	0.0	0.0	0.004	0.003	
15:50	0.0	0.0	0.005	0.003	
15:51	0.0	0.0	0.003	0.004	
15:52	0.0	0.0	0.013	0.003	
15:53	0.0	0.0	0.004	0.004	
15:54	0.0	0.0	0.004	0.004	
15:55	0.0	0.0	0.004	0.004	
15:56	0.0	0.0	0.008	0.004	
15:57	0.0	0.0	0.004	0.004	
15:58	0.0	0.0	0.003	0.004	
15:59	0.0	0.0	0.003	0.004	
16:00	0.0	0.0	0.004	0.004	
16:01	0.0	0.0	0.003	0.004	
16:02	0.0	0.0	0.004	0.004	
16:03	0.0	0.0	0.004	0.004	
16:04	0.0	0.0	0.005	0.004	
16:05	0.0	0.0	0.003	0.005	
16:06	0.0	0.0	0.004	0.005	
16:07	0.0	0.0	0.003	0.005	
16:08	0.0	0.0	0.006	0.004	
16:09	0.0	0.0	0.005	0.005	
16:10	0.0	0.0	0.004	0.005	Continue removing cover material.
16:11	0.0	0.0	0.004	0.005	
16:12	0.0	0.0	0.003	0.005	
16:13	0.0	0.0	0.004	0.004	
16:14	0.0	0.0	0.003	0.004	
16:15	0.0	0.0	0.003	0.004	
16:16	0.0	0.0	0.003	0.004	
16:17	0.0	0.0	0.004	0.004	
16:18	0.0	0.0	0.003	0.004	
16:19	0.0	0.0	0.003	0.004	
16:20	0.0	0.0	0.004	0.004	
16:21	0.0	0.0	0.004	0.004	
16:22	0.0	0.0	0.003	0.004	
16:23	0.0	0.0	0.004	0.004	
16:24	0.0	0.0	0.003	0.004	
16:25	0.0	0.0	0.004	0.004	Continue removing material below demarcation layer.
16:26	0.0	0.0	0.003	0.004	
16:27	0.0	0.0	0.004	0.004	
16:28	0.0	0.0	0.003	0.004	
16:29	0.0	0.0	0.010	0.004	
16:30	0.0	0.0	0.005	0.004	
16:31	0.0	0.0	0.004	0.004	
16:32	0.0	0.0	0.003	0.004	
16:33	0.0	0.0	0.003	0.004	
16:34	0.0	0.0	0.003	0.004	
16:35	0.0	0.0	0.003	0.004	
16:36	0.0	0.0	0.004	0.004	
16:37	0.0	0.0	0.003	0.004	
16:38	0.0	0.0	0.003	0.004	End CAMP.

See last page for notes.

Notes:

1. The 15-minute running average particulate level and VOC concentrations are monitored per Appendix 1A of DER Particulate levels monitored with a DustTrak Model 8530.
2. VOC concentrations monitored with a RAE Systems minRAE3000 at downwind position and at work zone during excavation activities. VOC readings were not taken at upwind locations or at either location during backfilling activities as per NYSDEC approval for modified CAMP. See Appendix E.3
3. Instantaneous particulate level and VOC concentration are monitored to give early warning of any potential issues.
4. The 15-minute running average particulate level and VOC concentrations are monitored per Appendix 1A of DER-10 during implementation of the Community Air Monitoring Plan (CAMP).
5. Blank particulate or PID fields represent times when, though the units were continuously monitoring, telemetry did not transmit data. Despite gaps in telemetry data, CAMP data monitoring is continuous and the data recording is still at a frequency that is higher than the requirements of DER-10
6. Cells highlighted in red indicate exceedances for the action level (100 mcg/m^3) as detailed in Appendix E of the NYSDEC-approved Stantec RAWP (2020).

Key:

mg/m^3 = milligrams per cubic meter
PID = photoionization detector
ppm = parts per million
VOC = volatile organic compound
N/A = not applicable

3/21/24

NW wind

REFERENCES:

LIBER 11202 OF DEEDS, PAGE 160

ABSTRACT OF TITLE PREPARED BY FRONTIER ABSTRACT AND RESEARCH SERVICES INC. SEARCH #505435, DATED DECEMBER 11, 2007.

BOUNDARY LINE AGREEMENT, LIBER 10555 OF DEEDS, PAGE 474.

TITLE REPORT PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, TITLE #TM-444-MON-11, DATED JANUARY 18, 2013.

MAPPING OBTAINED FROM THE CITY OF ROCHESTER MAPS AND SURVEYS DISTRICT 21, MAPS 5-6

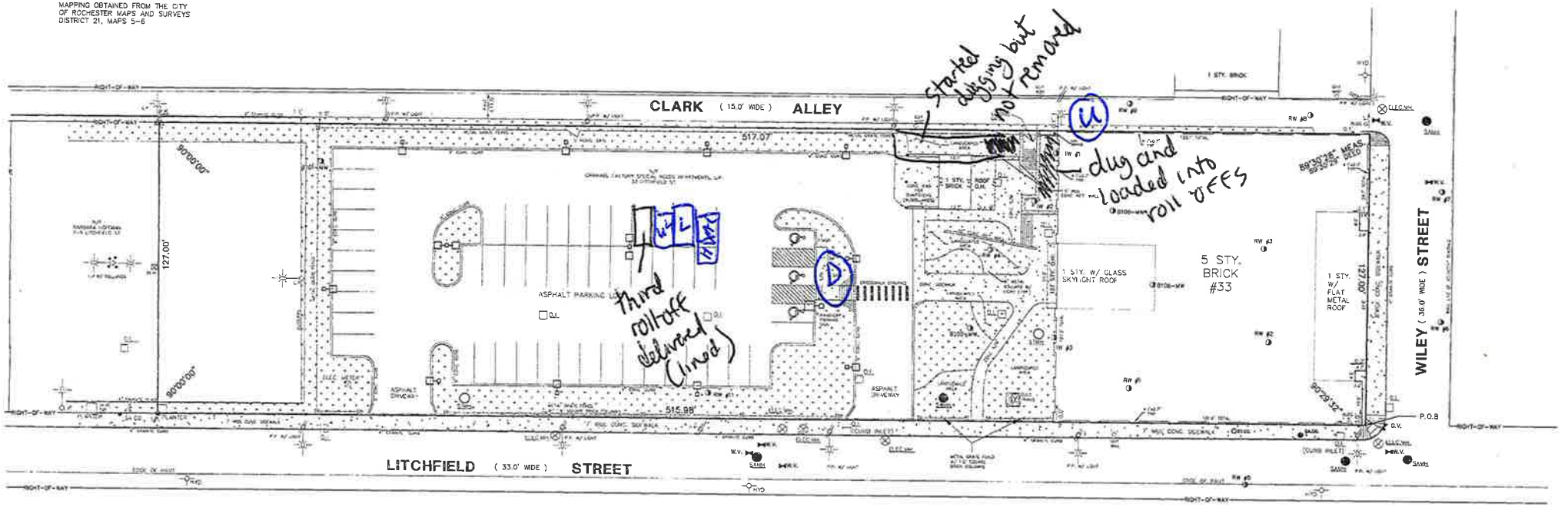
EASEMENTS:

ENVIRONMENTAL EASEMENT TO NYSDEC. THE AREA OF THE EASEMENT BOUNDARY MATCHES THE PARCEL BOUNDARY AS DESCRIBED BELOW.

EASEMENT TO R.G& E., LIBER 1581 OF DEEDS, PAGE 474. FOR STEAM LINES ON LITCHFIELD STREET "UNDER, ALONG AND ADJACENT TO PREMISES FOR APPROX. 124 FEET" (UNABLE TO PLOT LOCATION ON MAP FROM DESCRIPTION)

20' 10' 12' 5' 4' 0 20' 40'
6.1m 3.05m 0m 6.1m 12.2m

NORTH



ENGINEERING CONTROLS:

SYMBOL	DESCRIPTION
	AREAS WITH CONCRETE CAP
	AREAS WITH ASPHALT CAP
	AREAS OF GRASS AND/OR LANDSCAPING

LEGEND:

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SIGN		CURB
	LIGHT POLE		CURB TRANSITION (CURB-CUT)
	LIGHT POLE	W.V.	WATER VALVE
	POWER POLE	HYD.	FIRE HYDRANT
####	MONITORING WELL LOCATIONS	G.V.	GAS VALVE
S.MH	SANITARY MANHOLE		STAIRS OR HANDICAP RAMP
ST.MH	STORM MANHOLE	SA.CO	SANITARY CLEANOUT
E.U.T.C.MH.	ELECTRIC/UTILITY MANHOLE	ST.CO	STORM CLEANOUT

PARCEL AND ENVIRONMENTAL EASEMENT LEGAL DESCRIPTION:

ALL THAT TRACT OR PARCEL OF LAND SITUATE IN THE CITY OF ROCHESTER, COUNTY OF MONROE AND STATE OF NEW YORK, BEING PART OF THE BUSH AND KING TRACT, SO CALLED, KNOWN AND DESCRIBED AS FOLLOWS:

COMMENCING AT THE POINT OF INTERSECTION OF THE WESTERLY LINE OF LITCHFIELD STREET (33 FEET WIDE) AND THE SOUTHERLY LINE OF WILEY STREET (36 FEET WIDE) AND RUNNING THE FOLLOWING COURSES AS DESCRIBED IN A DEED FILED IN THE MONROE COUNTY CLERKS OFFICE, LIBER 10555 OF DEEDS, PAGE 478.

THENCE 1) WESTERLY, ALONG THE SOUTHERLY LINE OF WILEY STREET, A DISTANCE OF 127.00 FEET TO A POINT WHERE THE SOUTHERLY LINE OF WILEY STREET INTERSECTS THE EASTERLY LINE OF CLARK ALLEY,

THENCE 2) SOUTHERLY, AT AN INTERIOR ANGLE OF 89°-30'-28" (SHOWN AS

ENVIRONMENTAL REMEDIATION SYSTEM NOTES:

1. OPERATING REMEDIATION SYSTEMS IN PLACE WITHIN THE SITE BUILDING BUT NOT SHOWN ON THIS SURVEY PLAN INCLUDE:
   a) A VAPOR INTRUSION SUB-SLAB DEPRESSURIZATION SYSTEM (SSDS);
   b) A BASEMENT ELEVATOR SUMP SYSTEM, AND
   c) A GROUNDWATER INJECTION PIPING SYSTEM.
   AS-BUILT DETAILS FOR EACH OF THESE SYSTEMS ARE PROVIDED IN THE FORMER CARRIAGE FACTORY, MONROE COUNTY, NEW YORK, SITE MANAGEMENT PLAN, NYSDEC ISITE NUMBER: C828184 (SMP).
   THE FOLLOWING SMP FIGURES PROVIDE DETAILS:
   FIGURE 7A

NY UNAUTHORIZED ALTERATION OR ADDITION TO THIS MAP IS A VIOLATION OF ARTICLE 145, SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.

F. PARRONE ENGINEERING, HEREBY CERTIFY THAT THIS MAP WAS

Stantec

CAMP Field Notes

Name: Chrishana Deluca

Date: 3/21/2024

Project: Former Carriage Factory Site

Weather conditions: 25°, flurries

Estimated wind speed (calm, moderate, strong): calm

Equipment		
	Upwind/Work	Downwind
PID (10.6 eV)	FA04862	STN 1
Dusttrak	FA05012	STN 2
enclosure	FA02223	FA02387

Work Location	Wind Direction*	TIME	UPGRADIENT		DOWNGRADIENT		WORK AREA	Notes (discuss any exceedances noted, any visible dust, other conditions of note, etc.)
			DUST (mg/m3)	VOC (ppm)	DUST (mg/m3)	VOC (ppm)	VOC (ppm)	
NW corner	NW	0800	0.003	–	0.005	0.0	0.0	
		0815	0.011	–	0.001	0.0	0.0	
		0830	.004	–	0.000	0.0	0.0	
		0845	0.005	–	0.000	0.0	0.0	
		0900	0.004	–	0.000	0.0	0.0	
		915	0.005	–	0.000	0.0	0.0	
		930	0.074	–	0.001	0.0	0.0	
		945	0.006	–	0.001	0.0	0.0	pause CAMP
		1050	0.005	–	0.005	0.0	0.0	resume camp.
		1105	0.011	–	0.000	0.0	0.0	
		1120	0.005	–	0.001	0.0	0.0	
		1135	0.010	–	0.000	0.0	0.0	- paused CAMP @ 1130 - 1200 for roll-off delivery
	WNW	~~1150~~ 1200	0.004	–	0.003	0.0	0.0	resumed @ 1200.
		1215	0.006	–	0.001	0.0	0.0	
		1230	0.006	–	0.004	0.0	0.0	
		1245	0.004	–	0.000	0.0	0.0	
		1300	0.006	–	0.005	0.0	0.0	
		1315	0.006	–	0.004	0.0	0.0	

*Wind direction is reported as the direction from which it originates

Stantec

CAMP Field Notes

Name: Christiana DeLuca

Date:

Project: Former Carriage Factory Site

Weather conditions:

Estimated wind speed (calm, moderate, strong):

see pg 1

Equipment		
	~~Upwind/Work~~	~~Downwind~~
PID (10.6 eV)	see page 1	
Dusttrak		

Work Location	Wind Direction*	TIME	UPGRADIENT		DOWNGRADIENT		WORK AREA	Notes (discuss any exceedances noted, any visible dust, other conditions of note, etc.)
			DUST (mg/m3)	VOC (ppm)	DUST (mg/m3)	VOC (ppm)	VOC (ppm)	
	N W	1330	0.006	–	0.004	0.0	0.0	
		1345	0.007	–	0.001	0.0	0.0	
		1400	0.004	–	0.001	0.0	0.0	
		1415	0.008	–	0.004	0.0	0.0	CAMP pause - excavator error.
Busines on fence line		1500	0.007	–	0.003	0.0	0.0	resume - excavating on fence line.
	W	1515	0.004		0.001	0.0	0.0	
		1530	0.005	–	0.001	0.0	0.0	
		1545	0.007	–	0.001	0.0	0.0	
	W	~~1400~~ 1600	0.007	–	0.000	0.0	0.0	19 mph wind
		~~1415~~ 1615	0.084	–	0.010	0.0	0.0	
		1630	0.010	–	0.001	0.0	0.0	
		1645	0.005	–	0.005	0.0	0.0	end earthwork @ 1655.

*Wind direction is reported as the direction from which it originates

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
8:07	N/A	N/A	0.005		Excavation in NW corner of site alongside building. Flurries. Wind NW
8:08	N/A	N/A	0.004		
8:09	N/A	N/A	0.006		
8:10	N/A	N/A	0.006		
8:11	N/A	N/A	0.006		
8:12	N/A	N/A	0.012		
8:13	N/A	N/A	0.015		
8:14	N/A	N/A	0.012		
8:15	N/A	N/A	0.010		
8:16	N/A	N/A	0.007		
8:17	N/A	N/A	0.007		
8:18	N/A	N/A	0.006		
8:19	N/A	N/A	0.006		
8:20	N/A	N/A	0.006		
8:21	N/A	N/A	0.004		
8:22	N/A	N/A	0.003	0.007	
8:23	N/A	N/A	0.004	0.007	
8:24	N/A	N/A	0.005	0.007	
8:25	N/A	N/A	0.006	0.007	
8:26	N/A	N/A	0.004	0.007	
8:27	N/A	N/A	0.004	0.007	
8:28	N/A	N/A	0.004	0.007	
8:29	N/A	N/A	0.005	0.006	
8:30	N/A	N/A	0.004	0.005	
8:31	N/A	N/A	0.006	0.005	
8:32	N/A	N/A	0.005	0.005	
8:33	N/A	N/A	0.004	0.005	
8:34	N/A	N/A	0.004	0.005	
8:35	N/A	N/A	0.004	0.005	
8:36	N/A	N/A	0.004	0.004	
8:37	N/A	N/A	0.006	0.004	
8:38	N/A	N/A	0.005	0.005	
8:39	N/A	N/A	0.005	0.005	
8:40	N/A	N/A	0.006	0.005	
8:41	N/A	N/A	0.007	0.005	
8:42	N/A	N/A	0.007	0.005	
8:43	N/A	N/A	0.006	0.005	
8:44	N/A	N/A	0.004	0.005	
8:45	N/A	N/A	0.006	0.005	
8:46	N/A	N/A	0.005	0.005	
8:47	N/A	N/A	0.005	0.005	
8:48	N/A	N/A	0.005	0.005	
8:49	N/A	N/A	0.004	0.005	
8:50	N/A	N/A	0.005	0.005	
8:51	N/A	N/A	0.005	0.005	
8:52	N/A	N/A	0.006	0.005	
8:53	N/A	N/A	0.004	0.005	
8:54	N/A	N/A	0.004	0.005	
8:55	N/A	N/A	0.005	0.005	
8:56	N/A	N/A	0.004	0.005	
8:57	N/A	N/A	0.005	0.005	
8:58	N/A	N/A	0.004	0.005	
8:59	N/A	N/A	0.005	0.005	
9:00	N/A	N/A	0.004	0.005	
9:01	N/A	N/A	0.005	0.005	
9:02	N/A	N/A	0.006	0.005	
9:03	N/A	N/A	0.006	0.005	
9:04	N/A	N/A	0.005	0.005	
9:05	N/A	N/A	0.005	0.005	
9:06	N/A	N/A	0.007	0.005	
9:07	N/A	N/A	0.005	0.005	
9:08	N/A	N/A	0.004	0.005	
9:09	N/A	N/A	0.005	0.005	
9:10	N/A	N/A	0.005	0.005	
9:11	N/A	N/A	0.005	0.005	
9:12	N/A	N/A	0.005	0.005	
9:13	N/A	N/A	0.006	0.005	
9:14	N/A	N/A	0.006	0.005	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
9:15	N/A	N/A	0.005	0.005	
9:16	N/A	N/A	0.006	0.005	
9:17	N/A	N/A	0.006	0.005	
9:18	N/A	N/A	0.006	0.005	
9:19	N/A	N/A	0.005	0.005	
9:20	N/A	N/A	0.005	0.005	
9:21	N/A	N/A	0.004	0.005	
9:22	N/A	N/A	0.005	0.005	
9:23	N/A	N/A	0.011	0.005	
9:24	N/A	N/A	0.080	0.006	
9:25	N/A	N/A	0.050	0.011	
9:26	N/A	N/A	0.015	0.014	
9:27	N/A	N/A	0.009	0.014	
9:28	N/A	N/A	0.006	0.015	
9:29	N/A	N/A	0.006	0.015	
9:30	N/A	N/A	0.007	0.015	
9:31	N/A	N/A	0.006	0.015	
9:32	N/A	N/A	0.005	0.015	
9:33	N/A	N/A	0.004	0.015	
9:34	N/A	N/A	0.005	0.015	
9:35	N/A	N/A	0.006	0.015	
9:36	N/A	N/A	0.004	0.015	
9:37	N/A	N/A	0.005	0.015	
9:38	N/A	N/A	0.005	0.015	Pause CAMP
10:40	N/A	N/A	0.005	0.014	resume CAMP
10:41	N/A	N/A	0.005	0.009	
10:42	N/A	N/A	0.005	0.006	
10:43	N/A	N/A	0.004	0.006	
10:44	N/A	N/A	0.004	0.005	
10:45	N/A	N/A	0.005	0.005	
10:46	N/A	N/A	0.004	0.005	
10:47	N/A	N/A	0.005	0.005	
10:48	N/A	N/A	0.005	0.005	
10:49	N/A	N/A	0.005	0.005	
10:50	N/A	N/A	0.006	0.005	
10:51	N/A	N/A	0.005	0.005	
10:52	N/A	N/A	0.005	0.005	
10:53	N/A	N/A	0.006	0.005	
10:54	N/A	N/A	0.007	0.005	
10:55	N/A	N/A	0.007	0.005	
10:56	N/A	N/A	0.006	0.005	
10:57	N/A	N/A	0.004	0.005	
10:58	N/A	N/A	0.005	0.005	
10:59	N/A	N/A	0.006	0.005	
11:00	N/A	N/A	0.006	0.005	
11:01	N/A	N/A	0.006	0.005	
11:02	N/A	N/A	0.008	0.006	
11:03	N/A	N/A	0.007	0.006	
11:04	N/A	N/A	0.007	0.006	
11:05	N/A	N/A	0.006	0.006	
11:06	N/A	N/A	0.007	0.006	
11:07	N/A	N/A	0.008	0.006	
11:08	N/A	N/A	0.005	0.006	
11:09	N/A	N/A	0.005	0.006	
11:10	N/A	N/A	0.006	0.006	
11:11	N/A	N/A	0.005	0.006	
11:12	N/A	N/A	0.006	0.006	
11:13	N/A	N/A	0.007	0.006	
11:14	N/A	N/A	0.005	0.006	
11:15	N/A	N/A	0.005	0.006	
11:16	N/A	N/A	0.005	0.006	
11:17	N/A	N/A	0.005	0.006	
11:18	N/A	N/A	0.006	0.006	
11:19	N/A	N/A	0.006	0.006	
11:20	N/A	N/A	0.007	0.006	
11:21	N/A	N/A	0.006	0.006	
11:22	N/A	N/A	0.006	0.006	
11:23	N/A	N/A	0.006	0.006	
11:24	N/A	N/A	0.005	0.006	
11:25	N/A	N/A	0.005	0.006	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
11:26	N/A	N/A	0.006	0.006	
11:27	N/A	N/A	0.006	0.006	
11:28	N/A	N/A	0.006	0.006	
11:29	N/A	N/A	0.006	0.006	
11:30	N/A	N/A	0.005	0.006	PAUSE CAMP - rolloff delivery.
11:31	N/A	N/A	0.007	0.006	
11:32	N/A	N/A	0.006	0.006	
11:33	N/A	N/A	0.005	0.006	
11:34	N/A	N/A	0.005	0.006	
11:35	N/A	N/A	0.005	0.006	
11:36	N/A	N/A	0.005	0.006	
11:37	N/A	N/A	0.006	0.006	
11:38	N/A	N/A	0.007	0.006	
11:39	N/A	N/A	0.006	0.006	
11:40	N/A	N/A	0.006	0.006	
11:41	N/A	N/A	0.006	0.006	
11:42	N/A	N/A	0.006	0.006	
11:43	N/A	N/A	0.006	0.006	
11:44	N/A	N/A	0.006	0.006	
11:45	N/A	N/A	0.005	0.006	
11:46	N/A	N/A	0.006	0.006	
11:47	N/A	N/A	0.006	0.006	
11:48	N/A	N/A	0.005	0.006	
11:49	N/A	N/A	0.006	0.006	
11:50	N/A	N/A	0.005	0.006	
11:51	N/A	N/A	0.005	0.006	
11:52	N/A	N/A	0.006	0.006	
11:53	N/A	N/A	0.005	0.006	
11:54	N/A	N/A	0.006	0.006	
11:55	N/A	N/A	0.005	0.006	
11:56	N/A	N/A	0.005	0.006	
11:57	N/A	N/A	0.006	0.006	
11:58	N/A	N/A	0.005	0.006	
11:59	N/A	N/A	0.005	0.005	
12:00	N/A	N/A	0.006	0.005	Resume CAMP. Wind WNW
12:01	N/A	N/A	0.007	0.005	
12:02	N/A	N/A	0.009	0.006	
12:03	N/A	N/A	0.008	0.006	
12:04	N/A	N/A	0.007	0.006	
12:05	N/A	N/A	0.006	0.006	
12:06	N/A	N/A	0.006	0.006	
12:07	N/A	N/A	0.013	0.006	
12:08	N/A	N/A	0.015	0.007	
12:09	N/A	N/A	0.013	0.007	
12:10	N/A	N/A	0.011	0.008	
12:11	N/A	N/A	0.009	0.008	
12:12	N/A	N/A	0.008	0.008	
12:13	N/A	N/A	0.009	0.009	
12:14	N/A	N/A	0.007	0.009	
12:15	N/A	N/A	0.007	0.009	
12:16	N/A	N/A	0.007	0.009	
12:17	N/A	N/A	0.009	0.009	
12:18	N/A	N/A	0.006	0.009	
12:19	N/A	N/A	0.007	0.009	
12:20	N/A	N/A	0.008	0.009	
12:21	N/A	N/A	0.006	0.009	
12:22	N/A	N/A	0.006	0.009	
12:23	N/A	N/A	0.009	0.009	
12:24	N/A	N/A	0.006	0.008	
12:25	N/A	N/A	0.006	0.008	
12:26	N/A	N/A	0.006	0.007	
12:27	N/A	N/A	0.006	0.007	
12:28	N/A	N/A	0.007	0.007	
12:29	N/A	N/A	0.006	0.007	
12:30	N/A	N/A	0.007	0.007	
12:31	N/A	N/A	0.006	0.007	
12:32	N/A	N/A	0.007	0.007	
12:33	N/A	N/A	0.006	0.007	
12:34	N/A	N/A	0.006	0.007	
12:35	N/A	N/A	0.005	0.007	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
12:36	N/A	N/A	0.005	0.006	
12:37	N/A	N/A	0.005	0.006	
12:38	N/A	N/A	0.006	0.006	
12:39	N/A	N/A	0.006	0.006	
12:40	N/A	N/A	0.007	0.006	
12:41	N/A	N/A	0.006	0.006	
12:42	N/A	N/A	0.007	0.006	
12:43	N/A	N/A	0.007	0.006	
12:44	N/A	N/A	0.006	0.006	
12:45	N/A	N/A	0.006	0.006	
12:46	N/A	N/A	0.007	0.006	
12:47	N/A	N/A	0.005	0.006	
12:48	N/A	N/A	0.006	0.006	
12:49	N/A	N/A	0.007	0.006	
12:50	N/A	N/A	0.013	0.006	
12:51	N/A	N/A	0.006	0.007	
12:52	N/A	N/A	0.006	0.007	
12:53	N/A	N/A	0.007	0.007	
12:54	N/A	N/A	0.007	0.007	
12:55	N/A	N/A	0.006	0.007	
12:56	N/A	N/A	0.007	0.007	
12:57	N/A	N/A	0.006	0.007	
12:58	N/A	N/A	0.007	0.007	
12:59	N/A	N/A	0.008	0.007	
13:00	N/A	N/A	0.006	0.007	
13:01	N/A	N/A	0.006	0.007	
13:02	N/A	N/A	0.006	0.007	
13:03	N/A	N/A	0.006	0.007	
13:04	N/A	N/A	0.006	0.007	
13:05	N/A	N/A	0.007	0.007	
13:06	N/A	N/A	0.008	0.006	
13:07	N/A	N/A	0.007	0.007	
13:08	N/A	N/A	0.007	0.007	
13:09	N/A	N/A	0.007	0.007	
13:10	N/A	N/A	0.007	0.007	
13:11	N/A	N/A	0.008	0.007	
13:12	N/A	N/A	0.007	0.007	
13:13	N/A	N/A	0.005	0.007	
13:14	N/A	N/A	0.007	0.007	
13:15	N/A	N/A	0.010	0.007	
13:16	N/A	N/A	0.008	0.007	
13:17	N/A	N/A	0.010	0.007	
13:18	N/A	N/A	0.007	0.007	
13:19	N/A	N/A	0.007	0.007	
13:20	N/A	N/A	0.009	0.007	
13:21	N/A	N/A	0.007	0.008	
13:22	N/A	N/A	0.006	0.008	
13:23	N/A	N/A	0.008	0.007	
13:24	N/A	N/A	0.008	0.008	
13:25	N/A	N/A	0.007	0.008	
13:26	N/A	N/A	0.008	0.008	
13:27	N/A	N/A	0.009	0.008	
13:28	N/A	N/A	0.008	0.008	
13:29	N/A	N/A	0.008	0.008	
13:30	N/A	N/A	0.007	0.008	
13:31	N/A	N/A	0.007	0.008	
13:32	N/A	N/A	0.009	0.008	
13:33	N/A	N/A	0.007	0.008	
13:34	N/A	N/A	0.007	0.008	
13:35	N/A	N/A	0.007	0.008	
13:36	N/A	N/A	0.007	0.008	
13:37	N/A	N/A	0.007	0.008	
13:38	N/A	N/A	0.008	0.008	
13:39	N/A	N/A	0.007	0.008	
13:40	N/A	N/A	0.007	0.008	
13:41	N/A	N/A	0.008	0.008	
13:42	N/A	N/A	0.010	0.008	
13:43	N/A	N/A	0.010	0.008	
13:44	N/A	N/A	0.008	0.008	
13:45	N/A	N/A	0.007	0.008	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
13:46	N/A	N/A	0.007	0.008	
13:47	N/A	N/A	0.008	0.008	
13:48	N/A	N/A	0.010	0.008	
13:49	N/A	N/A	0.009	0.008	
13:50	N/A	N/A	0.009	0.008	
13:51	N/A	N/A	0.008	0.008	
13:52	N/A	N/A	0.006	0.008	
13:53	N/A	N/A	0.008	0.008	
13:54	N/A	N/A	0.008	0.008	
13:55	N/A	N/A	0.009	0.008	
13:56	N/A	N/A	0.008	0.008	
13:57	N/A	N/A	0.007	0.008	
13:58	N/A	N/A	0.008	0.008	
13:59	N/A	N/A	0.010	0.008	
14:00	N/A	N/A	0.011	0.008	
14:01	N/A	N/A	0.008	0.008	
14:02	N/A	N/A	0.008	0.008	
14:03	N/A	N/A	0.008	0.008	
14:04	N/A	N/A	0.008	0.008	
14:05	N/A	N/A	0.007	0.008	
14:06	N/A	N/A	0.006	0.008	
14:07	N/A	N/A	0.008	0.008	
14:08	N/A	N/A	0.007	0.008	
14:09	N/A	N/A	0.007	0.008	
14:10	N/A	N/A	0.010	0.008	
14:11	N/A	N/A	0.012	0.008	
14:12	N/A	N/A	0.009	0.008	
14:13	N/A	N/A	0.010	0.008	
14:14	N/A	N/A	0.012	0.009	
14:15	N/A	N/A	0.012	0.009	Pause CAMP - excavator malfunctioning.
15:00	N/A	N/A	0.012	0.009	Resume excavation along fenceline.
15:01	N/A	N/A	0.010	0.012	
15:02	N/A	N/A	0.009	0.011	
15:03	N/A	N/A	0.007	0.010	
15:04	N/A	N/A	0.007	0.010	
15:05	N/A	N/A	0.007	0.009	
15:06	N/A	N/A	0.007	0.009	
15:07	N/A	N/A	0.006	0.008	
15:08	N/A	N/A	0.010	0.008	
15:09	N/A	N/A	0.008	0.008	
15:10	N/A	N/A	0.009	0.008	
15:11	N/A	N/A	0.007	0.008	
15:12	N/A	N/A	0.008	0.008	
15:13	N/A	N/A	0.009	0.008	
15:14	N/A	N/A	0.008	0.008	
15:15	N/A	N/A	0.008	0.008	Wind W
15:16	N/A	N/A	0.008	0.008	
15:17	N/A	N/A	0.008	0.008	
15:18	N/A	N/A	0.008	0.008	
15:19	N/A	N/A	0.014	0.008	
15:20	N/A	N/A	0.009	0.008	
15:21	N/A	N/A	0.009	0.008	
15:22	N/A	N/A	0.006	0.009	
15:23	N/A	N/A	0.010	0.009	
15:24	N/A	N/A	0.009	0.009	
15:25	N/A	N/A	0.008	0.009	
15:26	N/A	N/A	0.008	0.009	
15:27	N/A	N/A	0.009	0.009	
15:28	N/A	N/A	0.007	0.009	
15:29	N/A	N/A	0.008	0.009	
15:30	N/A	N/A	0.008	0.009	
15:31	N/A	N/A	0.010	0.009	
15:32	N/A	N/A	0.010	0.009	
15:33	N/A	N/A	0.011	0.009	
15:34	N/A	N/A	0.010	0.009	
15:35	N/A	N/A	0.011	0.009	
15:36	N/A	N/A	0.007	0.009	
15:37	N/A	N/A	0.006	0.009	
15:38	N/A	N/A	0.006	0.009	
15:39	N/A	N/A	0.009	0.009	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
15:40	N/A	N/A	0.009	0.009	
15:41	N/A	N/A	0.021	0.009	
15:42	N/A	N/A	0.014	0.009	
15:43	N/A	N/A	0.009	0.010	
15:44	N/A	N/A	0.008	0.010	
15:45	N/A	N/A	0.007	0.010	
15:46	N/A	N/A	0.006	0.010	
15:47	N/A	N/A	0.006	0.010	
15:48	N/A	N/A	0.007	0.009	
15:49	N/A	N/A	0.008	0.009	
15:50	N/A	N/A	0.008	0.009	
15:51	N/A	N/A	0.007	0.009	
15:52	N/A	N/A	0.006	0.009	
15:53	N/A	N/A	0.006	0.009	
15:54	N/A	N/A	0.007	0.009	
15:55	N/A	N/A	0.007	0.009	
15:56	N/A	N/A	0.007	0.008	
15:57	N/A	N/A	0.008	0.008	
15:58	N/A	N/A	0.008	0.007	
15:59	N/A	N/A	0.031	0.007	
16:00	N/A	N/A	0.050	0.009	19 mph wind.
16:01	N/A	N/A	0.025	0.011	
16:02	N/A	N/A	0.018	0.013	
16:03	N/A	N/A	0.013	0.014	
16:04	N/A	N/A	0.011	0.014	
16:05	N/A	N/A	0.009	0.014	
16:06	N/A	N/A	0.009	0.014	
16:07	N/A	N/A	0.017	0.014	
16:08	N/A	N/A	0.108	0.015	
16:09	N/A	N/A	0.102	0.022	
16:10	N/A	N/A	0.066	0.028	
16:11	N/A	N/A	0.058	0.032	
16:12	N/A	N/A	0.041	0.036	
16:13	N/A	N/A	0.018	0.038	
16:14	N/A	N/A	0.020	0.038	
16:15	N/A	N/A	0.017	0.038	
16:16	N/A	N/A	0.015	0.035	
16:17	N/A	N/A	0.014	0.035	
16:18	N/A	N/A	0.012	0.035	
16:19	N/A	N/A	0.011	0.034	
16:20	N/A	N/A	0.010	0.034	
16:21	N/A	N/A	0.009	0.035	
16:22	N/A	N/A	0.010	0.035	
16:23	N/A	N/A	0.010	0.034	
16:24	N/A	N/A	0.010	0.028	
16:25	N/A	N/A	0.009	0.021	
16:26	N/A	N/A	0.009	0.018	
16:27	N/A	N/A	0.009	0.014	
16:28	N/A	N/A	0.008	0.012	
16:29	N/A	N/A	0.010	0.012	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
8:09	0.0		0.029		Excavation in NW corner of site alongside building. Flurries. Wind NW
8:10	0.0		0.001		
8:11	0.0		0.001		
8:12	0.0		0.001		
8:13	0.0		0.000		
8:14	0.0		0.002		
8:15	0.0		0.001		
8:16	0.0		0.002		
8:17	0.0		0.002		
8:18	0.0		0.005		
8:19	0.0		0.002		
8:20	0.0		0.002		
8:21	0.0		0.002		
8:22	0.0		0.001		
8:23	0.0		0.001		
8:24	0.0	0.0	0.000	0.003	
8:25	0.0	0.0	0.000	0.002	
8:26	0.0	0.0	0.001	0.001	
8:27	0.0	0.0	0.001	0.001	
8:28	0.0	0.0	0.001	0.001	
8:29	0.0	0.0	0.001	0.002	
8:30	0.0	0.0	0.001	0.001	
8:31	0.0	0.0	0.001	0.001	
8:32	0.0	0.0	0.000	0.001	
8:33	0.0	0.0	0.000	0.001	
8:34	0.0	0.0	0.001	0.001	
8:35	0.0	0.0	0.001	0.001	
8:36	0.0	0.0	0.001	0.001	
8:37	0.0	0.0	0.002	0.001	
8:38	0.0	0.0	0.002	0.001	
8:39	0.0	0.0	0.002	0.001	
8:40	0.0	0.0	0.001	0.001	
8:41	0.0	0.0	0.001	0.001	
8:42	0.0	0.0	0.002	0.001	
8:43	0.0	0.0	0.000	0.001	
8:44	0.0	0.0	0.000	0.001	
8:45	0.0	0.0	0.003	0.001	
8:46	0.0	0.0	0.001	0.001	
8:47	0.0	0.0	0.001	0.001	
8:48	0.0	0.0	0.001	0.001	
8:49	0.0	0.0	0.002	0.001	
8:50	0.0	0.0	0.001	0.001	
8:51	0.0	0.0	0.001	0.001	
8:52	0.0	0.0	0.000	0.001	
8:53	0.0	0.0	0.000	0.001	
8:54	0.0	0.0	0.000	0.001	
8:55	0.0	0.0	0.002	0.001	
8:56	0.0	0.0	0.001	0.001	
8:57	0.0	0.0	0.001	0.001	
8:58	0.0	0.0	0.001	0.001	
8:59	0.0	0.0	0.001	0.001	
9:00	0.0	0.0	0.001	0.001	
9:01	0.0	0.0	0.001	0.001	
9:02	0.0	0.0	0.000	0.001	
9:03	0.0	0.0	0.000	0.001	
9:04	0.0	0.0	0.000	0.001	
9:05	0.0	0.0	0.002	0.001	
9:06	0.0	0.0	0.001	0.001	
9:07	0.0	0.0	0.001	0.001	
9:08	0.0	0.0	0.001	0.001	
9:09	0.0	0.0	0.001	0.001	
9:10	0.0	0.0	0.001	0.001	
9:11	0.0	0.0	0.001	0.001	
9:12	0.0	0.0	0.001	0.001	
9:13	0.0	0.0	0.000	0.001	
9:14	0.0	0.0	0.000	0.001	
9:15	0.0	0.0	0.000	0.001	
9:16	0.0	0.0	0.001	0.001	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
9:17	0.0	0.0	0.001	0.001	
9:18	0.0	0.0	0.002	0.001	
9:19	0.0	0.0	0.001	0.001	
9:20	0.0	0.0	0.001	0.001	
9:21	0.0	0.0	0.000	0.001	
9:22	0.0	0.0	0.000	0.001	
9:23	0.0	0.0	0.000	0.001	
9:24	0.0	0.0	0.001	0.001	
9:25	0.0	0.0	0.000	0.001	
9:26	0.0	0.0	0.002	0.001	
9:27	0.0	0.0	0.002	0.001	
9:28	0.0	0.0	0.002	0.001	
9:29	0.0	0.0	0.002	0.001	
9:30	0.0	0.0	0.002	0.001	
9:31	0.0	0.0	0.003	0.001	
9:32	0.0	0.0	0.001	0.001	
9:33	0.0	0.0	0.001	0.001	
9:34	0.0	0.0	0.001	0.001	
9:35	0.0	0.0	0.001	0.001	
9:36	0.0	0.0	0.001	0.001	
9:37	0.0	0.0	0.000	0.001	
9:38	0.0	0.0	0.001	0.001	
9:39	0.0	0.0	0.000	0.001	
9:40	0.0	0.0	0.000	0.001	
9:41	0.0	0.0	0.000	0.001	
9:42	0.0	0.0	0.000	0.001	
9:43	0.0	0.0	0.001	0.001	
9:44	0.0	0.0	0.002	0.001	
9:45	0.0	0.0	0.001	0.001	Pause CAMP
10:50	0.0	0.0	0.001	0.001	Resume CAMP.
10:51	0.0	0.0	0.001	0.001	
10:52	0.0	0.0	0.001	0.001	
10:53	0.0	0.0	0.002	0.001	
10:54	0.0	0.0	0.001	0.001	
10:55	0.0	0.0	0.000	0.001	
10:56	0.0	0.0	0.006	0.001	
10:57	0.0	0.0	0.001	0.002	
10:58	0.0	0.0	0.001	0.002	
10:59	0.0	0.0	0.001	0.002	
11:00	0.0	0.0	0.000	0.002	
11:01	0.0	0.0	0.001	0.001	
11:02	0.0	0.0	0.002	0.001	
11:03	0.0	0.0	0.002	0.001	
11:04	0.0	0.0	0.001	0.001	
11:05	0.0	0.0	0.001	0.001	
11:06	0.0	0.0	0.001	0.001	
11:07	0.0	0.0	0.001	0.001	
11:08	0.0	0.0	0.001	0.001	
11:09	0.0	0.0	0.000	0.001	
11:10	0.0	0.0	0.000	0.001	
11:11	0.0	0.0	0.000	0.001	
11:12	0.0	0.0	0.000	0.001	
11:13	0.0	0.0	0.001	0.001	
11:14	0.0	0.0	0.001	0.001	
11:15	0.0	0.0	0.003	0.001	
11:16	0.0	0.0	0.001	0.001	
11:17	0.0	0.0	0.000	0.001	
11:18	0.0	0.0	0.000	0.001	
11:19	0.0	0.0	0.001	0.001	
11:20	0.0	0.0	0.000	0.001	
11:21	0.0	0.0	0.000	0.001	
11:22	0.0	0.0	0.002	0.001	
11:23	0.0	0.0	0.002	0.001	
11:24	0.0	0.0	0.001	0.001	
11:25	0.0	0.0	0.001	0.001	
11:26	0.0	0.0	0.001	0.001	
11:27	0.0	0.0	0.000	0.001	
11:28	0.0	0.0	0.000	0.001	
11:29	0.0	0.0	0.000	0.001	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
11:30	0.0	0.0	0.001	0.001	
11:31	0.0	0.0	0.001	0.001	
11:32	0.0	0.0	0.001	0.001	
11:33	0.0	0.0	0.001	0.001	
11:34	0.0	0.0	0.000	0.001	
11:35	0.0	0.0	0.000	0.001	Pause CAMP for roll-off delivery.
12:00	0.0	0.0	0.001	0.001	Resume CAMP. Wind WNW.
12:01	0.0	0.0	0.002	0.001	
12:02	0.0	0.0	0.002	0.002	
12:03	0.0	0.0	0.003	0.002	
12:04	0.0	0.0	0.002	0.002	
12:05	0.0	0.0	0.001	0.002	
12:06	0.0	0.0	0.001	0.002	
12:07	0.0	0.0	0.003	0.002	
12:08	0.0	0.0	0.002	0.002	
12:09	0.0	0.0	0.002	0.002	
12:10	0.0	0.0	0.000	0.002	
12:11	0.0	0.0	0.001	0.002	
12:12	0.0	0.0	0.001	0.002	
12:13	0.0	0.0	0.001	0.002	
12:14	0.0	0.0	0.001	0.002	
12:15	0.0	0.0	0.004	0.002	
12:16	0.0	0.0	0.002	0.002	
12:17	0.0	0.0	0.003	0.002	
12:18	0.0	0.0	0.002	0.002	
12:19	0.0	0.0	0.005	0.002	
12:20	0.0	0.0	0.005	0.002	
12:21	0.0	0.0	0.001	0.002	
12:22	0.0	0.0	0.001	0.002	
12:23	0.0	0.0	0.002	0.002	
12:24	0.0	0.0	0.006	0.002	
12:25	0.0	0.0	0.001	0.002	
12:26	0.0	0.0	0.002	0.002	
12:27	0.0	0.0	0.002	0.002	
12:28	0.0	0.0	0.001	0.003	
12:29	0.0	0.0	0.003	0.003	
12:30	0.0	0.0	0.001	0.003	
12:31	0.0	0.0	0.001	0.002	
12:32	0.0	0.0	0.001	0.002	
12:33	0.0	0.0	0.002	0.002	
12:34	0.0	0.0	0.000	0.002	
12:35	0.0	0.0	0.000	0.002	
12:36	0.0	0.0	0.001	0.002	
12:37	0.0	0.0	0.001	0.002	
12:38	0.0	0.0	0.001	0.002	
12:39	0.0	0.0	0.001	0.002	
12:40	0.0	0.0	0.001	0.001	
12:41	0.0	0.0	0.004	0.001	
12:42	0.0	0.0	0.003	0.001	
12:43	0.0	0.0	0.002	0.001	
12:44	0.0	0.0	0.001	0.001	
12:45	0.0	0.0	0.001	0.001	
12:46	0.0	0.0	0.001	0.001	
12:47	0.0	0.0	0.001	0.001	
12:48	0.0	0.0	0.001	0.001	
12:49	0.0	0.0	0.001	0.001	
12:50	0.0	0.0	0.001	0.001	
12:51	0.0	0.0	0.001	0.001	
12:52	0.0	0.0	0.002	0.001	
12:53	0.0	0.0	0.001	0.001	
12:54	0.0	0.0	0.001	0.001	
12:55	0.0	0.0	0.003	0.001	
12:56	0.0	0.0	0.002	0.002	
12:57	0.0	0.0	0.001	0.001	
12:58	0.0	0.0	0.002	0.001	
12:59	0.0	0.0	0.001	0.001	
13:00	0.0	0.0	0.001	0.001	
13:01	0.0	0.0	0.001	0.001	
13:02	0.0	0.0	0.002	0.001	
13:03	0.0	0.0	0.001	0.001	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
13:04	0.0	0.0	0.001	0.001	
13:05	0.0	0.0	0.002	0.001	
13:06	0.0	0.0	0.001	0.001	
13:07	0.0	0.0	0.001	0.001	
13:08	0.0	0.0	0.001	0.001	
13:09	0.0	0.0	0.003	0.001	
13:10	0.0	0.0	0.003	0.002	
13:11	0.0	0.0	0.001	0.002	
13:12	0.0	0.0	0.001	0.001	
13:13	0.0	0.0	0.011	0.001	
13:14	0.0	0.0	0.001	0.002	
13:15	0.0	0.0	0.001	0.002	
13:16	0.0	0.0	0.001	0.002	
13:17	0.0	0.0	0.001	0.002	
13:18	0.0	0.0	0.003	0.002	
13:19	0.0	0.0	0.002	0.002	
13:20	0.0	0.0	0.001	0.002	
13:21	0.0	0.0	0.002	0.002	
13:22	0.0	0.0	0.003	0.002	
13:23	0.0	0.0	0.002	0.002	
13:24	0.0	0.0	0.003	0.002	
13:25	0.0	0.0	0.002	0.002	
13:26	0.0	0.0	0.002	0.002	
13:27	0.0	0.0	0.004	0.002	
13:28	0.0	0.0	0.002	0.003	
13:29	0.0	0.0	0.001	0.002	
13:30	0.0	0.0	0.001	0.002	
13:31	0.0	0.0	0.002	0.002	
13:32	0.0	0.0	0.001	0.002	
13:33	0.0	0.0	0.003	0.002	
13:34	0.0	0.0	0.002	0.002	
13:35	0.0	0.0	0.001	0.002	
13:36	0.0	0.0	0.001	0.002	
13:37	0.0	0.0	0.001	0.002	
13:38	0.0	0.0	0.001	0.002	
13:39	0.0	0.0	0.001	0.002	
13:40	0.0	0.0	0.001	0.002	
13:41	0.0	0.0	0.000	0.002	
13:42	0.0	0.0	0.001	0.001	
13:43	0.0	0.0	0.003	0.001	
13:44	0.0	0.0	0.002	0.001	
13:45	0.0	0.0	0.002	0.001	
13:46	0.0	0.0	0.002	0.001	
13:47	0.0	0.0	0.001	0.001	
13:48	0.0	0.0	0.002	0.001	
13:49	0.0	0.0	0.003	0.001	
13:50	0.0	0.0	0.003	0.001	
13:51	0.0	0.0	0.001	0.002	
13:52	0.0	0.0	0.001	0.002	
13:53	0.0	0.0	0.001	0.002	
13:54	0.0	0.0	0.001	0.002	
13:55	0.0	0.0	0.001	0.002	
13:56	0.0	0.0	0.005	0.002	
13:57	0.0	0.0	0.004	0.002	
13:58	0.0	0.0	0.003	0.002	
13:59	0.0	0.0	0.002	0.002	
14:00	0.0	0.0	0.001	0.002	
14:01	0.0	0.0	0.002	0.002	
14:02	0.0	0.0	0.001	0.002	
14:03	0.0	0.0	0.003	0.002	
14:04	0.0	0.0	0.003	0.002	
14:05	0.0	0.0	0.003	0.002	
14:06	0.0	0.0	0.005	0.002	
14:07	0.0	0.0	0.003	0.002	
14:08	0.0	0.0	0.001	0.003	
14:09	0.0	0.0	0.001	0.003	
14:10	0.0	0.0	0.001	0.003	
14:11	0.0	0.0	0.003	0.003	
14:12	0.0	0.0	0.001	0.002	
14:13	0.0	0.0	0.002	0.002	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
14:14	0.0	0.0	0.003	0.002	
14:15	0.0	0.0	0.002	0.002	Pause CAMP - excavator malfunctioning.
15:00	0.0	0.0	0.002	0.002	Resume excavation along fenceline.
15:01	0.0	0.0	0.003	0.002	
15:02	0.0	0.0	0.001	0.003	
15:03	0.0	0.0	0.001	0.002	
15:04	0.0	0.0	0.001	0.002	
15:05	0.0	0.0	0.001	0.002	
15:06	0.0	0.0	0.001	0.002	
15:07	0.0	0.0	0.005	0.001	
15:08	0.0	0.0	0.002	0.002	
15:09	0.0	0.0	0.003	0.002	
15:10	0.0	0.0	0.002	0.002	
15:11	0.0	0.0	0.002	0.002	
15:12	0.0	0.0	0.001	0.002	
15:13	0.0	0.0	0.002	0.002	
15:14	0.0	0.0	0.001	0.002	
15:15	0.0	0.0	0.005	0.002	Wind W
15:16	0.0	0.0	0.003	0.002	
15:17	0.0	0.0	0.002	0.002	
15:18	0.0	0.0	0.002	0.002	
15:19	0.0	0.0	0.003	0.002	
15:20	0.0	0.0	0.004	0.002	
15:21	0.0	0.0	0.003	0.003	
15:22	0.0	0.0	0.003	0.003	
15:23	0.0	0.0	0.006	0.003	
15:24	0.0	0.0	0.006	0.003	
15:25	0.0	0.0	0.004	0.003	
15:26	0.0	0.0	0.003	0.003	
15:27	0.0	0.0	0.004	0.003	
15:28	0.0	0.0	0.002	0.003	
15:29	0.0	0.0	0.003	0.003	
15:30	0.0	0.0	0.003	0.004	
15:31	0.0	0.0	0.004	0.003	
15:32	0.0	0.0	0.002	0.003	
15:33	0.0	0.0	0.002	0.003	
15:34	0.0	0.0	0.003	0.003	
15:35	0.0	0.0	0.002	0.003	
15:36	0.0	0.0	0.002	0.003	
15:37	0.0	0.0	0.003	0.003	
15:38	0.0	0.0	0.002	0.003	
15:39	0.0	0.0	0.001	0.003	
15:40	0.0	0.0	0.002	0.003	
15:41	0.0	0.0	0.001	0.003	
15:42	0.0	0.0	0.002	0.002	
15:43	0.0	0.0	0.001	0.002	
15:44	0.0	0.0	0.001	0.002	
15:45	0.0	0.0	0.000	0.002	
15:46	0.0	0.0	0.019	0.002	
15:47	0.0	0.0	0.104	0.003	
15:48	0.0	0.0	0.000	0.010	
15:49	0.0	0.0	0.000	0.010	
15:50	0.0	0.0	0.000	0.009	
15:51	0.0	0.0	0.000	0.009	
15:52	0.0	0.0	0.000	0.009	
15:53	0.0	0.0	0.000	0.009	
15:54	0.0	0.0	0.001	0.009	
15:55	0.0	0.0	0.000	0.009	
15:56	0.0	0.0	0.000	0.009	
15:57	0.0	0.0	0.002	0.009	
15:58	0.0	0.0	0.002	0.009	
15:59	0.0	0.0	0.001	0.009	
16:00	0.0	0.0	0.000	0.009	19 mph wind.
16:01	0.0	0.0	0.000	0.009	
16:02	0.0	0.0	0.000	0.007	
16:03	0.0	0.0	0.000	0.000	
16:04	0.0	0.0	0.000	0.000	
16:05	0.0	0.0	0.000	0.000	
16:06	0.0	0.0	0.000	0.000	
16:07	0.0	0.0	0.000	0.000	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
16:08	0.0	0.0	0.000	0.000	
16:09	0.0	0.0	0.000	0.000	
16:10	0.0	0.0	0.000	0.000	
16:11	0.0	0.0	0.011	0.000	
16:12	0.0	0.0	0.003	0.001	
16:13	0.0	0.0	0.000	0.001	
16:14	0.0	0.0	0.000	0.001	
16:15	0.0	0.0	0.015	0.001	
16:16	0.0	0.0	0.000	0.002	
16:17	0.0	0.0	0.001	0.002	
16:18	0.0	0.0	0.000	0.002	
16:19	0.0	0.0	0.006	0.002	
16:20	0.0	0.0	0.002	0.002	
16:21	0.0	0.0	0.000	0.003	
16:22	0.0	0.0	0.004	0.003	
16:23	0.0	0.0	0.003	0.003	
16:24	0.0	0.0	0.004	0.003	
16:25	0.0	0.0	0.002	0.003	
16:26	0.0	0.0	0.002	0.003	
16:27	0.0	0.0	0.002	0.003	
16:28	0.0	0.0	0.002	0.003	
16:29	0.0	0.0	0.004	0.003	
16:30	0.0	0.0	0.004	0.003	
16:31	0.0	0.0	0.006	0.002	
16:32	0.0	0.0	0.004	0.003	
16:33	0.0	0.0	0.004	0.003	
16:34	0.0	0.0	0.005	0.003	
16:35	0.0	0.0	0.004	0.003	
16:36	0.0	0.0	0.004	0.003	
16:37	0.0	0.0	0.004	0.004	
16:38	0.0	0.0	0.003	0.004	
16:39	0.0	0.0	0.003	0.004	
16:40	0.0	0.0	0.002	0.004	
16:41	0.0	0.0	0.002	0.004	
16:42	0.0	0.0	0.003	0.004	
16:43	0.0	0.0	0.003	0.004	
16:44	0.0	0.0	0.003	0.004	
16:45	0.0	0.0	0.009	0.004	
16:46	0.0	0.0	0.006	0.004	
16:47	0.0	0.0	0.003	0.004	
16:48	0.0	0.0	0.009	0.004	
16:49	0.0	0.0	0.003	0.004	End earthwork at 1655.

See last page for notes.

Notes:

1. The 15-minute running average particulate level and VOC concentrations are monitored per Appendix 1A of DER Particulate levels monitored with a DustTrak Model 8530.
2. VOC concentrations monitored with a RAE Systems minRAE3000 at downwind position and at work zone during excavation activities. VOC readings were not taken at upwind locations or at either location during backfilling activities as per NYSDEC approval for modified CAMP. See Appendix E.3
3. Instantaneous particulate level and VOC concentration are monitored to give early warning of any potential issues.
4. The 15-minute running average particulate level and VOC concentrations are monitored per Appendix 1A of DER-10 during implementation of the Community Air Monitoring Plan (CAMP).
5. Blank particulate or PID fields represent times when, though the units were continuously monitoring, telemetry did not transmit data. Despite gaps in telemetry data, CAMP data monitoring is continuous and the data recording is still at a frequency that is higher than the requirements of DER-10
6. Cells highlighted in red indicate exceedances for the action level (100 mcg/m^3) as detailed in Appendix E of the NYSDEC-approved Stantec RAWP (2020).

Key:

mg/m^3 = milligrams per cubic meter
PID = photoionization detector
ppm = parts per million
VOC = volatile organic compound
N/A = not applicable

SE wind 3/22/2024

REFERENCES:

LIBER 11202 OF DEEDS, PAGE 160

ABSTRACT OF TITLE PREPARED BY FRONTIER ABSTRACT AND RESEARCH SERVICES, INC. SEARCH #5064-35, DATED DECEMBER 11, 2007.

BOUNDARY LINE AGREEMENT, LIBER 10555 OF DEEDS, PAGE 474.

TITLE REPORT PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, TITLE #TM-444-MON-11, DATED JANUARY 18, 2013.

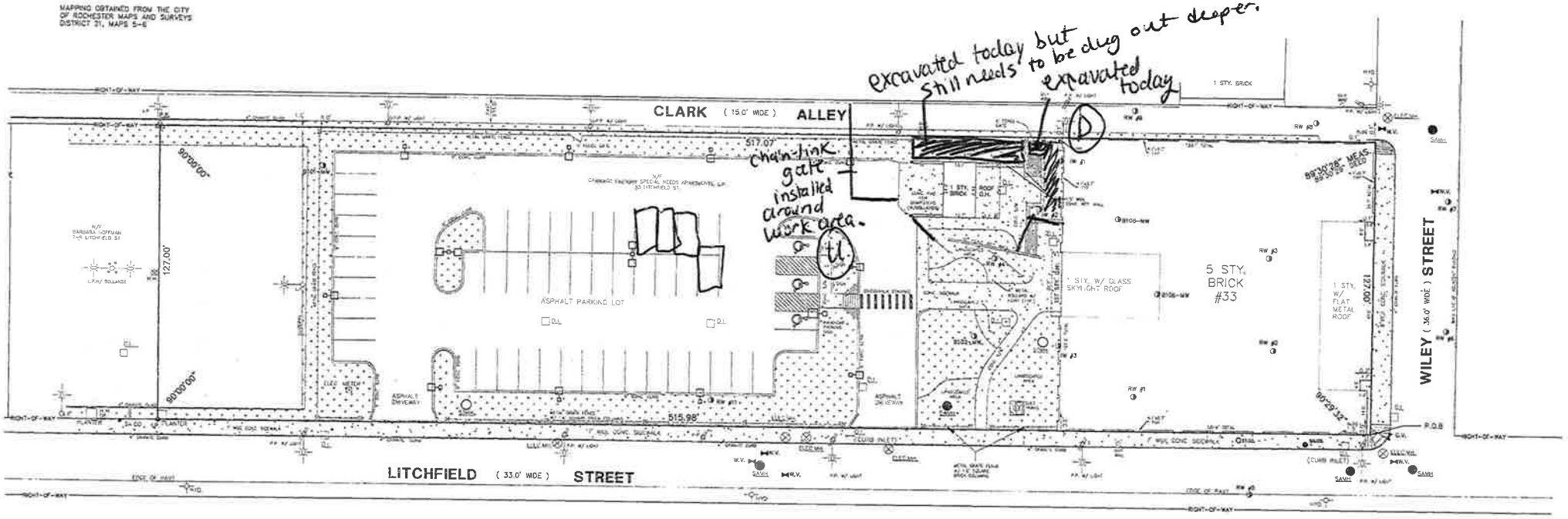
MAPPING OBTAINED FROM THE CITY OF ROCHESTER MAPS AND SURVEYS DISTRICT 21, MAPS 5-6

EASEMENTS:

ENVIRONMENTAL EASEMENT TO NYSDEC. THE AREA OF THE EASEMENT BOUNDARY MATCHES THE PARCEL BOUNDARY AS DESCRIBED BELOW.

EASEMENT TO R.G.& E., LIBER 1551 OF DEEDS, PAGE 474, FOR STEAM LINES ON LITCHFIELD STREET "UNDER, ALONG AND ADJACENT TO PREMISES FOR APPROX. 124 FEET" (UNABLE TO PLOT LOCATION ON MAP FROM DESCRIPTION)

NORTH



ENGINEERING CONTROLS:

SYMBOL	DESCRIPTION
	AREAS WITH CONCRETE CAP
	AREAS WITH ASPHALT CAP
	AREAS OF GRASS AND/OR LANDSCAPING

LEGEND:

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SIGN		CURB
	LIGHT POLE		CURB TRANSITION (CURB-CUT)
	LIGHT POLE	W.V.	WATER VALVE
	POWER POLE	HYD.	FIRE HYDRANT
####	MONITORING WELL LOCATIONS	G.V.	GAS VALVE
SAMH	SANITARY MANHOLE		STAIRS OR HANDICAP RAMP
STMH	STORM MANHOLE	SA.CO.	SANITARY CLEANOUT
ELEC.MH.	ELECTRIC/UTILITY MANHOLE	ST.CO.	STORM CLEANOUT

PARCEL AND ENVIRONMENTAL EASEMENT LEGAL DESCRIPTION:

ALL THAT TRACT OR PARCEL OF LAND SITUATE IN THE CITY OF ROCHESTER, COUNTY OF MONROE AND STATE OF NEW YORK, BEING PART OF THE BUSH AND KING TRACT, SO CALLED, KNOWN AND DESCRIBED AS FOLLOWS:

COMMENCING AT THE POINT OF INTERSECTION OF THE WESTERLY LINE OF LITCHFIELD STREET (33 FEET WIDE) AND THE SOUTHERLY LINE OF WILEY STREET (36 FEET WIDE) AND RUNNING THE FOLLOWING COURSES AS DESCRIBED IN A DEED FILED IN THE MONROE COUNTY CLERKS OFFICE, LIBER 10555 OF DEEDS, PAGE 478.

THENCE 1) WESTERLY, ALONG THE SOUTHERLY LINE OF WILEY STREET, A DISTANCE OF 127.00 FEET TO A POINT WHERE THE SOUTHERLY LINE OF WILEY STREET INTERSECTS THE EASTERLY LINE OF CLARK ALLEY,

THENCE 2) SOUTHERLY, AT AN INTERIOR ANGLE OF 89°-30'-28" (SHOWN AS

ENVIRONMENTAL REMEDIATION SYSTEM NOTES:

1. OPERATING REMEDIATION SYSTEMS IN PLACE WITHIN THE SITE BUILDING BUT NOT SHOWN ON THIS SURVEY PLAN INCLUDE
   a) A VAPOR INTRUSION SUB-SLAB DEPRESSURIZATION SYSTEM (SSDS);
   b) A BASEMENT ELEVATOR SUMP SYSTEM, AND
   c) A GROUNDWATER INJECTION PIPING SYSTEM.
   AS-BUILT DETAILS FOR EACH OF THESE SYSTEMS ARE PROVIDED IN THE FORMER CARRIAGE FACTORY, MONROE COUNTY, NEW YORK, SITE MANAGEMENT PLAN, NYSDEC SITE NUMBER: C828184 (SMP).
   THE FOLLOWING SMP FIGURES PROVIDE DETAILS:

NY UNAUTHORIZED ALTERATION OR ADDITION TO THIS MAP IS A VIOLATION OF ARTICLE 145, SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.

E. PARRONE ENGINEERING, HEREBY CERTIFY THAT THIS MAP WAS

Stantec

CAMP Field Notes

Name: Christiana DeLuca

Date: 3/22/2024

Project: Former Carriage Factory Site

Weather conditions: 24°F, cloudy, snowing

Estimated wind speed (calm, moderate, strong): moderate

Equipment		
	Upwind/Work	Downwind
PID (10.6 eV)	FA04862 ↔	FA05012
Dusttrak	STN1 ↔	STN2

FA02223 ↔ FA02378

Work Location	Wind Direction*	TIME	UPGRADIENT		DOWNGRADIENT		WORK AREA	Notes (discuss any exceedances noted, any visible dust, other conditions of note, etc.)
			DUST (mg/m3)	VOC (ppm)	DUST (mg/m3)	VOC (ppm)	VOC (ppm)	
near fence-line	SE	1240	0.010	~~0~~ 0	0.015	0.0	0.0	moving sediment/material from fence-line area.
		1255	0.005	–	0.020	0.0	0.0	
		1310	0.002	–	0.017	0.0	0.0	
		1325	0.000	–	0.015	0.0	0.0	Step removed. Begin moving material under step
		1340	0.000	–	0.022	0.0	0.0	
		1355	0.002	–	0.014	0.0	0.0	
		1410	0.002	–	0.011	0.0	0.0	
		1425	0.002	–	0.018	0.0	0.0	
		1440	0.001	–	0.006	0.0	0.0	
		1455	0.004	–	0.019	0.0	0.0	
		1510	0.003	–	0.018	0.0	0.0	move mulch on fence-line ~~pause in earthwork~~ (CE)
		1525	0.001	–	0.014	0.0	0.0	
		1540	0.008	–	0.015	0.0	0.0	
		1555	0.005	–	0.015	0.0	0.0	
		1610	0.002	–	0.034	0.0	0.0	
		1625	0.003	–	0.012	0.0	0.0	CAMP ends @ 1630

*Wind direction is reported as the direction from which it originates

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
12:40	N/A	N/A	0.003		Delay in ground intrusive work - LGE breaking up top step with jackhamer. Excavating along fenceline. Wind SE.
12:41	N/A	N/A	0.003		
12:42	N/A	N/A	0.035		
12:43	N/A	N/A	0.005		
12:44	N/A	N/A	0.003		
12:45	N/A	N/A	0.004		
12:46	N/A	N/A	0.004		
12:47	N/A	N/A	0.004		
12:48	N/A	N/A	0.004		
12:49	N/A	N/A	0.003		
12:50	N/A	N/A	0.003		
12:51	N/A	N/A	0.003		
12:52	N/A	N/A	0.003		
12:53	N/A	N/A	0.005		
12:54	N/A	N/A	0.003		
12:55	N/A	N/A	0.003	0.006	
12:56	N/A	N/A	0.003	0.006	
12:57	N/A	N/A	0.003	0.006	
12:58	N/A	N/A	0.002	0.004	
12:59	N/A	N/A	0.002	0.003	
13:00	N/A	N/A	0.002	0.003	
13:01	N/A	N/A	0.002	0.003	
13:02	N/A	N/A	0.002	0.003	
13:03	N/A	N/A	0.002	0.003	
13:04	N/A	N/A	0.002	0.003	
13:05	N/A	N/A	0.002	0.003	
13:06	N/A	N/A	0.001	0.003	
13:07	N/A	N/A	0.002	0.002	
13:08	N/A	N/A	0.002	0.002	
13:09	N/A	N/A	0.001	0.002	
13:10	N/A	N/A	0.001	0.002	
13:11	N/A	N/A	0.002	0.002	
13:12	N/A	N/A	0.001	0.002	
13:13	N/A	N/A	0.002	0.002	
13:14	N/A	N/A	0.002	0.002	
13:15	N/A	N/A	0.002	0.002	
13:16	N/A	N/A	0.003	0.002	
13:17	N/A	N/A	0.014	0.002	
13:18	N/A	N/A	0.005	0.003	
13:19	N/A	N/A	0.002	0.003	
13:20	N/A	N/A	0.001	0.003	
13:21	N/A	N/A	0.001	0.003	
13:22	N/A	N/A	0.002	0.003	
13:23	N/A	N/A	0.002	0.003	
13:24	N/A	N/A	0.002	0.003	
13:25	N/A	N/A	0.002	0.003	Step removed. Begin excavating material under step.
13:26	N/A	N/A	0.001	0.003	
13:27	N/A	N/A	0.001	0.003	
13:28	N/A	N/A	0.001	0.003	
13:29	N/A	N/A	0.001	0.003	
13:30	N/A	N/A	0.001	0.003	
13:31	N/A	N/A	0.001	0.003	
13:32	N/A	N/A	0.001	0.002	
13:33	N/A	N/A	0.001	0.002	
13:34	N/A	N/A	0.005	0.001	
13:35	N/A	N/A	0.001	0.002	
13:36	N/A	N/A	0.001	0.002	
13:37	N/A	N/A	0.001	0.002	
13:38	N/A	N/A	0.001	0.001	
13:39	N/A	N/A	0.002	0.001	
13:40	N/A	N/A	0.002	0.001	
13:41	N/A	N/A	0.004	0.001	
13:42	N/A	N/A	0.006	0.002	
13:43	N/A	N/A	0.003	0.002	
13:44	N/A	N/A	0.001	0.002	
13:45	N/A	N/A	0.001	0.002	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
13:46	N/A	N/A	0.002	0.002	
13:47	N/A	N/A	0.003	0.002	
13:48	N/A	N/A	0.001	0.002	
13:49	N/A	N/A	0.001	0.002	
13:50	N/A	N/A	0.002	0.002	
13:51	N/A	N/A	0.004	0.002	
13:52	N/A	N/A	0.002	0.002	
13:53	N/A	N/A	0.002	0.002	
13:54	N/A	N/A	0.002	0.002	
13:55	N/A	N/A	0.001	0.002	
13:56	N/A	N/A	0.001	0.002	
13:57	N/A	N/A	0.001	0.002	
13:58	N/A	N/A	0.001	0.002	
13:59	N/A	N/A	0.002	0.002	
14:00	N/A	N/A	0.002	0.002	
14:01	N/A	N/A	0.002	0.002	
14:02	N/A	N/A	0.002	0.002	
14:03	N/A	N/A	0.002	0.002	
14:04	N/A	N/A	0.002	0.002	
14:05	N/A	N/A	0.002	0.002	
14:06	N/A	N/A	0.002	0.002	
14:07	N/A	N/A	0.002	0.002	
14:08	N/A	N/A	0.001	0.002	
14:09	N/A	N/A	0.002	0.002	
14:10	N/A	N/A	0.001	0.002	
14:11	N/A	N/A	0.001	0.002	
14:12	N/A	N/A	0.001	0.002	
14:13	N/A	N/A	0.002	0.002	
14:14	N/A	N/A	0.002	0.002	
14:15	N/A	N/A	0.003	0.002	
14:16	N/A	N/A	0.002	0.002	
14:17	N/A	N/A	0.003	0.002	
14:18	N/A	N/A	0.003	0.002	
14:19	N/A	N/A	0.002	0.002	
14:20	N/A	N/A	0.002	0.002	
14:21	N/A	N/A	0.001	0.002	
14:22	N/A	N/A	0.002	0.002	
14:23	N/A	N/A	0.001	0.002	
14:24	N/A	N/A	0.001	0.002	
14:25	N/A	N/A	0.001	0.002	
14:26	N/A	N/A	0.001	0.002	
14:27	N/A	N/A	0.001	0.002	
14:28	N/A	N/A	0.001	0.002	
14:29	N/A	N/A	0.001	0.002	
14:30	N/A	N/A	0.001	0.002	
14:31	N/A	N/A	0.001	0.002	
14:32	N/A	N/A	0.002	0.001	
14:33	N/A	N/A	0.001	0.001	
14:34	N/A	N/A	0.001	0.001	
14:35	N/A	N/A	0.002	0.001	
14:36	N/A	N/A	0.001	0.001	
14:37	N/A	N/A	0.001	0.001	
14:38	N/A	N/A	0.003	0.001	
14:39	N/A	N/A	0.004	0.001	
14:40	N/A	N/A	0.002	0.001	
14:41	N/A	N/A	0.003	0.002	
14:42	N/A	N/A	0.002	0.002	
14:43	N/A	N/A	0.002	0.002	
14:44	N/A	N/A	0.002	0.002	
14:45	N/A	N/A	0.003	0.002	
14:46	N/A	N/A	0.002	0.002	
14:47	N/A	N/A	0.002	0.002	
14:48	N/A	N/A	0.006	0.002	
14:49	N/A	N/A	0.005	0.002	
14:50	N/A	N/A	0.002	0.003	
14:51	N/A	N/A	0.003	0.003	
14:52	N/A	N/A	0.003	0.003	
14:53	N/A	N/A	0.004	0.003	
14:54	N/A	N/A	0.003	0.003	
14:55	N/A	N/A	0.003	0.003	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
14:56	N/A	N/A	0.003	0.003	
14:57	N/A	N/A	0.003	0.003	
14:58	N/A	N/A	0.003	0.003	
14:59	N/A	N/A	0.003	0.003	
15:00	N/A	N/A	0.002	0.003	
15:01	N/A	N/A	0.003	0.003	
15:02	N/A	N/A	0.003	0.003	
15:03	N/A	N/A	0.002	0.003	
15:04	N/A	N/A	0.002	0.003	
15:05	N/A	N/A	0.002	0.003	
15:06	N/A	N/A	0.002	0.003	
15:07	N/A	N/A	0.001	0.003	
15:08	N/A	N/A	0.002	0.003	
15:09	N/A	N/A	0.001	0.002	
15:10	N/A	N/A	0.001	0.002	Continue excavating area along fenceline.
15:11	N/A	N/A	0.001	0.002	
15:12	N/A	N/A	0.001	0.002	
15:13	N/A	N/A	0.002	0.002	
15:14	N/A	N/A	0.001	0.002	
15:15	N/A	N/A	0.001	0.002	
15:16	N/A	N/A	0.002	0.002	
15:17	N/A	N/A	0.002	0.002	
15:18	N/A	N/A	0.001	0.002	
15:19	N/A	N/A	0.002	0.001	
15:20	N/A	N/A	0.001	0.001	
15:21	N/A	N/A	0.002	0.001	
15:22	N/A	N/A	0.001	0.001	
15:23	N/A	N/A	0.001	0.001	
15:24	N/A	N/A	0.001	0.001	
15:25	N/A	N/A	0.001	0.001	
15:26	N/A	N/A	0.001	0.001	
15:27	N/A	N/A	0.001	0.001	
15:28	N/A	N/A	0.002	0.001	
15:29	N/A	N/A	0.002	0.001	
15:30	N/A	N/A	0.001	0.001	
15:31	N/A	N/A	0.001	0.001	
15:32	N/A	N/A	0.001	0.001	
15:33	N/A	N/A	0.001	0.001	
15:34	N/A	N/A	0.001	0.001	
15:35	N/A	N/A	0.001	0.001	
15:36	N/A	N/A	0.001	0.001	
15:37	N/A	N/A	0.001	0.001	
15:38	N/A	N/A	0.001	0.001	
15:39	N/A	N/A	0.001	0.001	
15:40	N/A	N/A	0.001	0.001	
15:41	N/A	N/A	0.002	0.001	
15:42	N/A	N/A	0.001	0.001	
15:43	N/A	N/A	0.002	0.001	
15:44	N/A	N/A	0.003	0.001	
15:45	N/A	N/A	0.003	0.001	
15:46	N/A	N/A	0.003	0.001	
15:47	N/A	N/A	0.004	0.002	
15:48	N/A	N/A	0.003	0.002	
15:49	N/A	N/A	0.003	0.002	
15:50	N/A	N/A	0.003	0.002	
15:51	N/A	N/A	0.005	0.002	
15:52	N/A	N/A	0.003	0.002	
15:53	N/A	N/A	0.003	0.003	
15:54	N/A	N/A	0.003	0.003	
15:55	N/A	N/A	0.002	0.003	
15:56	N/A	N/A	0.003	0.003	
15:57	N/A	N/A	0.003	0.003	
15:58	N/A	N/A	0.002	0.003	
15:59	N/A	N/A	0.008	0.003	
16:00	N/A	N/A	0.003	0.003	
16:01	N/A	N/A	0.003	0.003	
16:02	N/A	N/A	0.003	0.003	
16:03	N/A	N/A	0.002	0.003	
16:04	N/A	N/A	0.002	0.003	
16:05	N/A	N/A	0.003	0.003	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
16:06	N/A	N/A	0.003	0.003	
16:07	N/A	N/A	0.003	0.003	
16:08	N/A	N/A	0.004	0.003	
16:09	N/A	N/A	0.002	0.003	
16:10	N/A	N/A	0.002	0.003	
16:11	N/A	N/A	0.002	0.003	
16:12	N/A	N/A	0.003	0.003	
16:13	N/A	N/A	0.003	0.003	
16:14	N/A	N/A	0.003	0.003	
16:15	N/A	N/A	0.004	0.003	
16:16	N/A	N/A	0.003	0.003	
16:17	N/A	N/A	0.004	0.003	
16:18	N/A	N/A	0.005	0.003	
16:19	N/A	N/A	0.006	0.003	
16:20	N/A	N/A	0.004	0.003	
16:21	N/A	N/A	0.004	0.003	
16:22	N/A	N/A	0.003	0.003	
16:23	N/A	N/A	0.004	0.003	
16:24	N/A	N/A	0.004	0.003	
16:25	N/A	N/A	0.004	0.004	
16:26	N/A	N/A	0.026	0.004	
16:27	N/A	N/A	0.003	0.005	
16:28	N/A	N/A	0.003	0.005	
16:29	N/A	N/A	0.004	0.005	
16:30	N/A	N/A	0.004	0.005	End ground intrusive work.

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
12:43	0.0		0.016		Delay in ground intrusive work - LGE breaking up top step with jackhamer. Excavating along fenceline. Wind SE.
12:44	0.0		0.399		Temporary increase in particulate concentration likely due to residents smoking cigarettes in ourdoor area.
12:45	0.0		0.155		
12:46	0.0		0.049		
12:47	0.0		0.028		
12:48	0.0		0.025		
12:49	0.0		0.018		
12:50	0.0		0.023		
12:51	0.0		0.016		
12:52	0.0		0.016		
12:53	0.0		0.014		
12:54	0.0		0.018		
12:55	0.0		0.016		
12:56	0.0		0.021		
12:57	0.0		0.016		
12:58	0.0	0.0	0.019	0.055	
12:59	0.0	0.0	0.016	0.056	
13:00	0.0	0.0	0.014	0.030	
13:01	0.0	0.0	0.015	0.021	
13:02	0.0	0.0	0.014	0.018	
13:03	0.0	0.0	0.014	0.017	
13:04	0.0	0.0	0.015	0.017	
13:05	0.0	0.0	0.014	0.016	
13:06	0.0	0.0	0.011	0.016	
13:07	0.0	0.0	0.014	0.016	
13:08	0.0	0.0	0.014	0.015	
13:09	0.0	0.0	0.015	0.015	
13:10	0.0	0.0	0.015	0.015	
13:11	0.0	0.0	0.017	0.015	
13:12	0.0	0.0	0.016	0.015	
13:13	0.0	0.0	0.016	0.015	
13:14	0.0	0.0	0.016	0.015	
13:15	0.0	0.0	0.017	0.015	
13:16	0.0	0.0	0.015	0.015	
13:17	0.0	0.0	0.023	0.015	
13:18	0.0	0.0	0.018	0.015	
13:19	0.0	0.0	0.015	0.016	
13:20	0.0	0.0	0.016	0.016	
13:21	0.0	0.0	0.010	0.016	
13:22	0.0	0.0	0.014	0.016	
13:23	0.0	0.0	0.020	0.016	
13:24	0.0	0.0	0.014	0.016	
13:25	0.0	0.0	0.014	0.016	Step removed. Begin excavating material under step.
13:26	0.0	0.0	0.019	0.016	
13:27	0.0	0.0	0.017	0.016	
13:28	0.0	0.0	0.017	0.016	
13:29	0.0	0.0	0.012	0.016	
13:30	0.0	0.0	0.015	0.016	
13:31	0.0	0.0	0.015	0.016	
13:32	0.0	0.0	0.016	0.016	
13:33	0.0	0.0	0.012	0.015	
13:34	0.0	0.0	0.016	0.015	
13:35	0.0	0.0	0.014	0.015	
13:36	0.0	0.0	0.015	0.015	
13:37	0.0	0.0	0.012	0.015	
13:38	0.0	0.0	0.016	0.015	
13:39	0.0	0.0	0.012	0.015	
13:40	0.0	0.0	0.014	0.015	
13:41	0.0	0.0	0.015	0.015	
13:42	0.0	0.0	0.014	0.015	
13:43	0.0	0.0	0.019	0.014	
13:44	0.0	0.0	0.017	0.014	
13:45	0.0	0.0	0.015	0.015	
13:46	0.0	0.0	0.014	0.015	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
13:47	0.0	0.0	0.014	0.015	
13:48	0.0	0.0	0.014	0.015	
13:49	0.0	0.0	0.013	0.015	
13:50	0.0	0.0	0.013	0.015	
13:51	0.0	0.0	0.010	0.014	
13:52	0.0	0.0	0.014	0.014	
13:53	0.0	0.0	0.018	0.014	
13:54	0.0	0.0	0.016	0.014	
13:55	0.0	0.0	0.015	0.015	
13:56	0.0	0.0	0.019	0.015	
13:57	0.0	0.0	0.015	0.015	
13:58	0.0	0.0	0.012	0.015	
13:59	0.0	0.0	0.013	0.015	
14:00	0.0	0.0	0.020	0.014	
14:01	0.0	0.0	0.018	0.015	
14:02	0.0	0.0	0.014	0.015	
14:03	0.0	0.0	0.016	0.015	
14:04	0.0	0.0	0.019	0.015	
14:05	0.0	0.0	0.014	0.015	
14:06	0.0	0.0	0.016	0.016	
14:07	0.0	0.0	0.016	0.016	
14:08	0.0	0.0	0.009	0.016	
14:09	0.0	0.0	0.013	0.015	
14:10	0.0	0.0	0.015	0.015	
14:11	0.0	0.0	0.015	0.015	
14:12	0.0	0.0	0.013	0.015	
14:13	0.0	0.0	0.015	0.015	
14:14	0.0	0.0	0.015	0.015	
14:15	0.0	0.0	0.016	0.015	
14:16	0.0	0.0	0.022	0.015	
14:17	0.0	0.0	0.019	0.015	
14:18	0.0	0.0	0.017	0.016	
14:19	0.0	0.0	0.014	0.016	
14:20	0.0	0.0	0.018	0.015	
14:21	0.0	0.0	0.016	0.016	
14:22	0.0	0.0	0.015	0.016	
14:23	0.0	0.0	0.014	0.015	
14:24	0.0	0.0	0.015	0.016	
14:25	0.0	0.0	0.015	0.016	
14:26	0.0	0.0	0.016	0.016	
14:27	0.0	0.0	0.015	0.016	
14:28	0.0	0.0	0.014	0.016	
14:29	0.0	0.0	0.016	0.016	
14:30	0.0	0.0	0.014	0.016	
14:31	0.0	0.0	0.014	0.016	
14:32	0.0	0.0	0.016	0.015	
14:33	0.0	0.0	0.014	0.015	
14:34	0.0	0.0	0.015	0.015	
14:35	0.0	0.0	0.016	0.015	
14:36	0.0	0.0	0.017	0.015	
14:37	0.0	0.0	0.013	0.015	
14:38	0.0	0.0	0.010	0.015	
14:39	0.0	0.0	0.012	0.015	
14:40	0.0	0.0	0.016	0.014	
14:41	0.0	0.0	0.013	0.015	
14:42	0.0	0.0	0.013	0.014	
14:43	0.0	0.0	0.015	0.014	
14:44	0.0	0.0	0.018	0.014	
14:45	0.0	0.0	0.015	0.014	
14:46	0.0	0.0	0.018	0.014	
14:47	0.0	0.0	0.016	0.015	
14:48	0.0	0.0	0.009	0.015	
14:49	0.0	0.0	0.012	0.014	
14:50	0.0	0.0	0.013	0.014	
14:51	0.0	0.0	0.015	0.014	
14:52	0.0	0.0	0.014	0.014	
14:53	0.0	0.0	0.017	0.014	
14:54	0.0	0.0	0.015	0.014	
14:55	0.0	0.0	0.024	0.015	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
14:56	0.0	0.0	0.019	0.015	
14:57	0.0	0.0	0.019	0.016	
14:58	0.0	0.0	0.016	0.016	
14:59	0.0	0.0	0.018	0.016	
15:00	0.0	0.0	0.014	0.016	
15:01	0.0	0.0	0.012	0.016	
15:02	0.0	0.0	0.013	0.016	
15:03	0.0	0.0	0.019	0.015	
15:04	0.0	0.0	0.018	0.016	
15:05	0.0	0.0	0.017	0.016	
15:06	0.0	0.0	0.014	0.017	
15:07	0.0	0.0	0.014	0.017	
15:08	0.0	0.0	0.013	0.017	
15:09	0.0	0.0	0.016	0.016	
15:10	0.0	0.0	0.014	0.016	Continue excavating area along fenceline.
15:11	0.0	0.0	0.015	0.016	
15:12	0.0	0.0	0.016	0.015	
15:13	0.0	0.0	0.015	0.015	
15:14	0.0	0.0	0.014	0.015	
15:15	0.0	0.0	0.017	0.015	
15:16	0.0	0.0	0.016	0.015	
15:17	0.0	0.0	0.013	0.015	
15:18	0.0	0.0	0.016	0.015	
15:19	0.0	0.0	0.013	0.015	
15:20	0.0	0.0	0.014	0.015	
15:21	0.0	0.0	0.026	0.015	
15:22	0.0	0.0	0.018	0.015	
15:23	0.0	0.0	0.022	0.016	
15:24	0.0	0.0	0.017	0.016	
15:25	0.0	0.0	0.013	0.016	
15:26	0.0	0.0	0.017	0.016	
15:27	0.0	0.0	0.012	0.016	
15:28	0.0	0.0	0.018	0.016	
15:29	0.0	0.0	0.017	0.016	
15:30	0.0	0.0	0.017	0.017	
15:31	0.0	0.0	0.020	0.017	
15:32	0.0	0.0	0.014	0.017	
15:33	0.0	0.0	0.015	0.017	
15:34	0.0	0.0	0.016	0.017	
15:35	0.0	0.0	0.018	0.017	
15:36	0.0	0.0	0.015	0.017	
15:37	0.0	0.0	0.016	0.017	
15:38	0.0	0.0	0.019	0.016	
15:39	0.0	0.0	0.013	0.016	
15:40	0.0	0.0	0.014	0.016	
15:41	0.0	0.0	0.011	0.016	
15:42	0.0	0.0	0.015	0.016	
15:43	0.0	0.0	0.016	0.016	
15:44	0.0	0.0	0.018	0.016	
15:45	0.0	0.0	0.016	0.016	
15:46	0.0	0.0	0.017	0.016	
15:47	0.0	0.0	0.020	0.016	
15:48	0.0	0.0	0.019	0.016	
15:49	0.0	0.0	0.020	0.016	
15:50	0.0	0.0	0.013	0.016	
15:51	0.0	0.0	0.014	0.016	
15:52	0.0	0.0	0.018	0.016	
15:53	0.0	0.0	0.018	0.016	
15:54	0.0	0.0	0.020	0.016	
15:55	0.0	0.0	0.018	0.017	
15:56	0.0	0.0	0.020	0.017	
15:57	0.0	0.0	0.023	0.017	
15:58	0.0	0.0	0.021	0.018	
15:59	0.0	0.0	0.017	0.018	
16:00	0.0	0.0	0.022	0.018	
16:01	0.0	0.0	0.015	0.019	
16:02	0.0	0.0	0.015	0.019	
16:03	0.0	0.0	0.013	0.018	
16:04	0.0	0.0	0.017	0.018	
16:05	0.0	0.0	0.017	0.018	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
16:06	0.0	0.0	0.016	0.018	
16:07	0.0	0.0	0.015	0.018	
16:08	0.0	0.0	0.017	0.018	
16:09	0.0	0.0	0.019	0.018	
16:10	0.0	0.0	0.020	0.018	
16:11	0.0	0.0	0.018	0.018	
16:12	0.0	0.0	0.017	0.018	
16:13	0.0	0.0	0.015	0.017	
16:14	0.0	0.0	0.014	0.017	
16:15	0.0	0.0	0.015	0.017	
16:16	0.0	0.0	0.019	0.016	
16:17	0.0	0.0	0.011	0.016	
16:18	0.0	0.0	0.019	0.016	
16:19	0.0	0.0	0.017	0.017	
16:20	0.0	0.0	0.021	0.017	
16:21	0.0	0.0	0.022	0.017	
16:22	0.0	0.0	0.020	0.017	
16:23	0.0	0.0	0.015	0.018	
16:24	0.0	0.0	0.017	0.017	
16:25	0.0	0.0	0.017	0.017	
16:26	0.0	0.0	0.021	0.017	
16:27	0.0	0.0	0.017	0.017	
16:28	0.0	0.0	0.014	0.017	
16:29	0.0	0.0	0.012	0.017	
16:30	0.0	0.0	0.016	0.017	End ground intrusive work.

See last page for notes.

Notes:

1. The 15-minute running average particulate level and VOC concentrations are monitored per Appendix 1A of DER Particulate levels monitored with a DustTrak Model 8530.
2. VOC concentrations monitored with a RAE Systems minRAE3000 at downwind position and at work zone during excavation activities. VOC readings were not taken at upwind locations or at either location during backfilling activities as per NYSDEC approval for modified CAMP. See Appendix E.3
3. Instantaneous particulate level and VOC concentration are monitored to give early warning of any potential issues.
4. The 15-minute running average particulate level and VOC concentrations are monitored per Appendix 1A of DER-10 during implementation of the Community Air Monitoring Plan (CAMP).
5. Blank particulate or PID fields represent times when, though the units were continuously monitoring, telemetry did not transmit data. Despite gaps in telemetry data, CAMP data monitoring is continuous and the data recording is still at a frequency that is higher than the requirements of DER-10
6. Cells highlighted in red indicate exceedances for the action level (100 mcg/m^3) as detailed in Appendix E of the NYSDEC-approved Stantec RAWP (2020).

Key:

mg/m^3 = milligrams per cubic meter
PID = photoionization detector
ppm = parts per million
VOC = volatile organic compound
N/A = not applicable

3/25/24

Wind SE

REFERENCES:

LIBER 11202 OF DEEDS, PAGE 160

ABSTRACT OF TITLE PREPARED BY FRONTIER ABSTRACT AND RESEARCH SERVICES INC. SEARCH #506435, DATED DECEMBER 11, 2007.

BOUNDARY LINE AGREEMENT, LIBER 10555 OF DEEDS, PAGE 474.

TITLE REPORT PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, TITLE #TM-444-MON-11, DATED JANUARY 18, 2013.

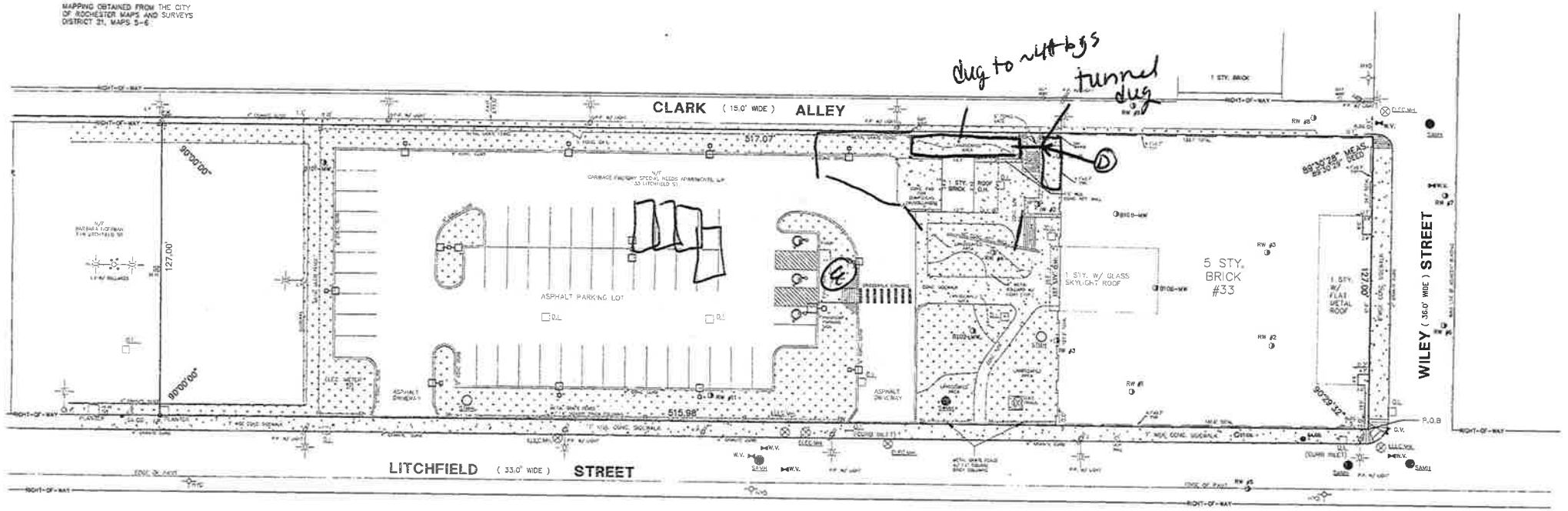
MAPPING OBTAINED FROM THE CITY OF ROCHESTER MAPS AND SURVEYS DISTRICT 21, MAPS 5-6

EASEMENTS:

ENVIRONMENTAL EASEMENT TO NYSDEC. THE AREA OF THE EASEMENT BOUNDARY MATCHES THE PARCEL BOUNDARY AS DESCRIBED BELOW.

EASEMENT TO R.G.& E., LIBER 1581 OF DEEDS, PAGE 474. FOR STEAM LINES ON LITCHFIELD STREET "UNDER, ALONG AND ADJACENT TO PREMISES FOR APPROX. 124 FEET" (UNABLE TO PLOT LOCATION ON MAP FROM DESCRIPTION)

NORTH



ENGINEERING CONTROLS:

SYMBOL	DESCRIPTION
	AREAS WITH CONCRETE CAP
	AREAS WITH ASPHALT CAP
	AREAS OF GRASS AND/OR LANDSCAPING

ENVIRONMENTAL REMEDIATION SYSTEM NOTES:

1. OPERATING REMEDIATION SYSTEMS IN PLACE WITHIN THE SITE BUILDING BUT NOT SHOWN ON THIS SURVEY PLAN INCLUDE
   a) A VAPOR INTRUSION SUB-SLAB DEPRESSURIZATION SYSTEM (SSDS);
   b) A BASEMENT ELEVATOR SUMP SYSTEM, AND
   c) A GROUNDWATER INJECTION PIPING SYSTEM.

AS-BUILT DETAILS FOR EACH OF THESE SYSTEMS ARE PROVIDED IN THE FORMER CARRIAGE FACTORY, MONROE COUNTY, NEW YORK, SITE MANAGEMENT PLAN, NYSDEC SITE NUMBER: C828184 (SMP). THE FOLLOWING SMP FIGURES PROVIDE DETAILS:
FIGURE 7A

LEGEND:

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SIGN		CURB
	LIGHT POLE		CURB TRANSITION (CURB-CUT)
	LIGHT POLE	W.V.	WATER VALVE
	POWER POLE	HYD.	FIRE HYDRANT
####	MONITORING WELL LOCATIONS	G.V.	GAS VALVE
SAMH	SANITARY MANHOLE		STAIRS OR HANDICAP RAMP
STMH	STORM MANHOLE	SA.CO.	SANITARY CLEANOUT
E.L.C.C.MH	ELECTRIC/UTILITY MANHOLE	ST.CO.	STORM CLEANOUT

PARCEL AND ENVIRONMENTAL EASEMENT LEGAL DESCRIPTION:

ALL THAT TRACT OR PARCEL OF LAND SITUATE IN THE CITY OF ROCHESTER, COUNTY OF MONROE AND STATE OF NEW YORK, BEING PART OF THE SUSH AND KING TRACT, SO CALLED, KNOWN AND DESCRIBED AS FOLLOWS:

COMMENCING AT THE POINT OF INTERSECTION OF THE WESTERLY LINE OF LITCHFIELD STREET (33 FEET WIDE) AND THE SOUTHERLY LINE OF WILEY STREET (36 FEET WIDE) AND RUNNING THE FOLLOWING COURSES AS DESCRIBED IN A DEED FILED IN THE MONROE COUNTY CLERKS OFFICE, LIBER 10555 OF DEEDS, PAGE 478.

THENCE 1) WESTERLY, ALONG THE SOUTHERLY LINE OF WILEY STREET, A DISTANCE OF 127.00 FEET TO A POINT WHERE THE SOUTHERLY LINE OF WILEY STREET INTERSECTS THE EASTERLY LINE OF CLARK ALLEY,

THENCE 2) SOUTHERLY, AT AN INTERIOR ANGLE OF 89°-30'-28" (SHOWN AS

NY UNAUTHORIZED ALTERATION OR ADDITION TO THIS MAP IS A VIOLATION OF ARTICLE 145, SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.

Stantec

CAMP Field Notes

Name: Christiana Deluca

Date: 3/25/2024

Project: Former Carriage Factory Site

Weather conditions: Sunny

Estimated wind speed (calm, moderate, strong): calm, 9 mph

Equipment		
	Upwind/Work	Downwind
PID (10.6 eV)	FA04862	FA05012
Dusttrak	STN 1	STN 2
Enclosure	FA02223	FA02387

Work Location	Wind Direction*	TIME	UPGRADIENT		DOWNGRADIENT		WORK AREA	Notes (discuss any exceedances noted, any visible dust, other conditions of note, etc.)
			DUST (mg/m3)	VOC (ppm)	DUST (mg/m3)	VOC (ppm)	VOC (ppm)	
Geraline	SE	0845	0.025	—	0.001	0.0	0.0	Hand clearing then using excavator
		0900	0.015	—	0.001	0.0	0.0	
		0915	0.022	—	0.003	0.0	0.0	
		0930	0.010	—	0.004	0.0	0.0	
		0945	0.011	—	0.000	0.0	0.0	excavating under step.
		1000	0.015	—	0.000	0.0	0.0	
		1015	0.012	—	0.000	0.0	0.0	hand clearing under stairs
		1030	0.016	—	0.001	0.0	0.0	
		1045	0.008	—	0.002	0.0	0.0	
		1100	0.015	—	0.009	0.0	0.0	
		1115	0.015	—	0.050	0.0	0.0	mechanic working near downwind
		1130	0.0015	—	0.021	0.0	0.0	
	S	1145	0.020	—	0.006	0.1	0.0	mechanic working near downwind Wind 14mph
		1200	0.012	—	0.004	0.0	0.0	
		1215	0.009	—	0.005	0.0	0.0	
		1230	0.015	—	0.010	0.3	0.0	excavator work near downwind
		1245	0.014	—	0.008	0.0	0.0	
		1300	0.023	—	0.007	0.0	0.0	

*Wind direction is reported as the direction from which it originates

Stantec

CAMP Field Notes

Name: Christiana Deluca

Date: 3/25/2024

Project: Former Carriage Factory Site see pg 1

Weather conditions:

Estimated wind speed (calm, moderate, strong):

Equipment		
	Upwind/Work	Downwind
PID (10.6 eV)		
Dusttrak		

Work Location	Wind Direction*	TIME	UPGRADIENT		DOWNGRADIENT		WORK AREA	Notes (discuss any exceedances noted, any visible dust, other conditions of note, etc.)
			DUST (mg/m3)	VOC (ppm)	DUST (mg/m3)	VOC (ppm)	VOC (ppm)	
		1315	0.009	–	0.010	0.1	0.0	
		1330	0.011	–	0.007	0.1	0.0	
		1345	0.012	–	0.008	0.1	0.0	
		1400	0.003	–	0.016	0.1	0.0	
		1415	0.004	–	0.008	0.1	0.0	
		1430	0.014	–	0.010	0.1	0.0	excav paused
		1445	0.023	–	0.007	0.0	0.0	
		1500	0.010	–	0.007	0.1	0.0	
		1515	0.014	–	0.009	0.1	0.0	
along bldg		1530	0.010	–	0.015	0.1	0.0	resume excavation
	SE	1545	0.003	–	0.010	0.1	0.0	wind 19mph SE
		1600	0.009	–	0.014	0.1	0.0	
		1615	0.005	–	0.010	0.1	0.0	

*Wind direction is reported as the direction from which it originates

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
8:45	N/A	N/A	0.016		Hand clearing and excavating along fenceline. Wind SE 9 mph.
8:46	N/A	N/A	0.018		
8:47	N/A	N/A	0.017		
8:48	N/A	N/A	0.018		
8:49	N/A	N/A	0.014		
8:50	N/A	N/A	0.019		
8:51	N/A	N/A	0.018		
8:52	N/A	N/A	0.019		
8:53	N/A	N/A	0.019		
8:54	N/A	N/A	0.017		
8:55	N/A	N/A	0.021		
8:56	N/A	N/A	0.015		
8:57	N/A	N/A	0.013		
8:58	N/A	N/A	0.021		
8:59	N/A	N/A	0.023		
9:00	N/A	N/A	0.022	0.018	
9:01	N/A	N/A	0.020	0.018	
9:02	N/A	N/A	0.018	0.018	
9:03	N/A	N/A	0.019	0.018	
9:04	N/A	N/A	0.016	0.019	
9:05	N/A	N/A	0.020	0.019	
9:06	N/A	N/A	0.015	0.019	
9:07	N/A	N/A	0.020	0.019	
9:08	N/A	N/A	0.017	0.019	
9:09	N/A	N/A	0.017	0.018	
9:10	N/A	N/A	0.016	0.018	
9:11	N/A	N/A	0.019	0.018	
9:12	N/A	N/A	0.021	0.018	
9:13	N/A	N/A	0.017	0.019	
9:14	N/A	N/A	0.019	0.019	
9:15	N/A	N/A	0.017	0.018	
9:16	N/A	N/A	0.016	0.018	
9:17	N/A	N/A	0.017	0.018	
9:18	N/A	N/A	0.015	0.018	
9:19	N/A	N/A	0.018	0.017	
9:20	N/A	N/A	0.015	0.018	
9:21	N/A	N/A	0.016	0.017	
9:22	N/A	N/A	0.015	0.017	
9:23	N/A	N/A	0.018	0.017	
9:24	N/A	N/A	0.019	0.017	
9:25	N/A	N/A	0.016	0.017	
9:26	N/A	N/A	0.018	0.017	
9:27	N/A	N/A	0.016	0.017	
9:28	N/A	N/A	0.015	0.017	
9:29	N/A	N/A	0.022	0.017	
9:30	N/A	N/A	0.018	0.017	
9:31	N/A	N/A	0.016	0.017	
9:32	N/A	N/A	0.016	0.017	
9:33	N/A	N/A	0.017	0.017	
9:34	N/A	N/A	0.023	0.017	
9:35	N/A	N/A	0.019	0.017	
9:36	N/A	N/A	0.019	0.018	
9:37	N/A	N/A	0.020	0.018	
9:38	N/A	N/A	0.024	0.018	
9:39	N/A	N/A	0.015	0.019	
9:40	N/A	N/A	0.017	0.018	
9:41	N/A	N/A	0.017	0.018	
9:42	N/A	N/A	0.019	0.018	
9:43	N/A	N/A	0.014	0.018	
9:44	N/A	N/A	0.018	0.018	
9:45	N/A	N/A	0.016	0.018	Excavating area under step.
9:46	N/A	N/A	0.017	0.018	
9:47	N/A	N/A	0.018	0.018	
9:48	N/A	N/A	0.017	0.018	
9:49	N/A	N/A	0.019	0.018	
9:50	N/A	N/A	0.017	0.018	
9:51	N/A	N/A	0.019	0.018	
9:52	N/A	N/A	0.016	0.018	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
9:53	N/A	N/A	0.014	0.018	
9:54	N/A	N/A	0.017	0.017	
9:55	N/A	N/A	0.015	0.017	
9:56	N/A	N/A	0.016	0.017	
9:57	N/A	N/A	0.017	0.017	
9:58	N/A	N/A	0.018	0.017	
9:59	N/A	N/A	0.017	0.017	
10:00	N/A	N/A	0.015	0.017	
10:01	N/A	N/A	0.015	0.017	
10:02	N/A	N/A	0.014	0.017	
10:03	N/A	N/A	0.015	0.016	
10:04	N/A	N/A	0.015	0.016	
10:05	N/A	N/A	0.017	0.016	
10:06	N/A	N/A	0.016	0.016	
10:07	N/A	N/A	0.017	0.016	
10:08	N/A	N/A	0.016	0.016	
10:09	N/A	N/A	0.017	0.016	
10:10	N/A	N/A	0.015	0.016	
10:11	N/A	N/A	0.016	0.016	
10:12	N/A	N/A	0.016	0.016	
10:13	N/A	N/A	0.018	0.016	
10:14	N/A	N/A	0.017	0.016	
10:15	N/A	N/A	0.014	0.016	Hand-clearing under staircase.
10:16	N/A	N/A	0.015	0.016	
10:17	N/A	N/A	0.020	0.016	
10:18	N/A	N/A	0.021	0.016	
10:19	N/A	N/A	0.016	0.017	
10:20	N/A	N/A	0.019	0.017	
10:21	N/A	N/A	0.023	0.017	
10:22	N/A	N/A	0.013	0.017	
10:23	N/A	N/A	0.015	0.017	
10:24	N/A	N/A	0.017	0.017	
10:25	N/A	N/A	0.013	0.017	
10:26	N/A	N/A	0.015	0.017	
10:27	N/A	N/A	0.016	0.017	
10:28	N/A	N/A	0.015	0.017	
10:29	N/A	N/A	0.023	0.017	
10:30	N/A	N/A	0.018	0.017	
10:31	N/A	N/A	0.024	0.017	
10:32	N/A	N/A	0.017	0.018	
10:33	N/A	N/A	0.015	0.018	
10:34	N/A	N/A	0.014	0.017	
10:35	N/A	N/A	0.018	0.017	
10:36	N/A	N/A	0.014	0.017	
10:37	N/A	N/A	0.017	0.016	
10:38	N/A	N/A	0.018	0.017	
10:39	N/A	N/A	0.016	0.017	
10:40	N/A	N/A	0.020	0.017	
10:41	N/A	N/A	0.018	0.017	
10:42	N/A	N/A	0.014	0.018	
10:43	N/A	N/A	0.018	0.017	
10:44	N/A	N/A	0.013	0.018	
10:45	N/A	N/A	0.016	0.017	
10:46	N/A	N/A	0.020	0.017	
10:47	N/A	N/A	0.018	0.017	
10:48	N/A	N/A	0.023	0.017	
10:49	N/A	N/A	0.016	0.017	
10:50	N/A	N/A	0.018	0.017	
10:51	N/A	N/A	0.017	0.017	
10:52	N/A	N/A	0.015	0.017	
10:53	N/A	N/A	0.016	0.017	
10:54	N/A	N/A	0.020	0.017	
10:55	N/A	N/A	0.023	0.017	
10:56	N/A	N/A	0.019	0.018	
10:57	N/A	N/A	0.020	0.018	
10:58	N/A	N/A	0.014	0.018	
10:59	N/A	N/A	0.013	0.018	
11:00	N/A	N/A	0.022	0.018	
11:01	N/A	N/A	0.022	0.018	
11:02	N/A	N/A	0.016	0.018	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
11:03	N/A	N/A	0.016	0.018	
11:04	N/A	N/A	0.015	0.018	
11:05	N/A	N/A	0.015	0.018	
11:06	N/A	N/A	0.016	0.018	
11:07	N/A	N/A	0.014	0.017	
11:08	N/A	N/A	0.015	0.017	
11:09	N/A	N/A	0.015	0.017	
11:10	N/A	N/A	0.012	0.017	
11:11	N/A	N/A	0.014	0.016	
11:12	N/A	N/A	0.015	0.016	
11:13	N/A	N/A	0.017	0.016	
11:14	N/A	N/A	0.017	0.016	
11:15	N/A	N/A	0.015	0.016	
11:16	N/A	N/A	0.015	0.016	
11:17	N/A	N/A	0.018	0.015	
11:18	N/A	N/A	0.016	0.015	
11:19	N/A	N/A	0.014	0.015	
11:20	N/A	N/A	0.016	0.015	
11:21	N/A	N/A	0.015	0.015	
11:22	N/A	N/A	0.016	0.015	
11:23	N/A	N/A	0.019	0.015	
11:24	N/A	N/A	0.016	0.016	
11:25	N/A	N/A	0.013	0.016	
11:26	N/A	N/A	0.015	0.016	
11:27	N/A	N/A	0.015	0.016	
11:28	N/A	N/A	0.018	0.016	
11:29	N/A	N/A	0.018	0.016	
11:30	N/A	N/A	0.016	0.016	
11:31	N/A	N/A	0.015	0.016	
11:32	N/A	N/A	0.016	0.016	
11:33	N/A	N/A	0.015	0.016	
11:34	N/A	N/A	0.024	0.016	
11:35	N/A	N/A	0.016	0.016	
11:36	N/A	N/A	0.017	0.016	
11:37	N/A	N/A	0.012	0.017	
11:38	N/A	N/A	0.016	0.016	
11:39	N/A	N/A	0.016	0.016	
11:40	N/A	N/A	0.014	0.016	
11:41	N/A	N/A	0.016	0.016	
11:42	N/A	N/A	0.014	0.016	
11:43	N/A	N/A	0.016	0.016	
11:44	N/A	N/A	0.019	0.016	
11:45	N/A	N/A	0.013	0.016	Mechanic working near downwind unit. Wind S 14 mph.
11:46	N/A	N/A	0.018	0.016	
11:47	N/A	N/A	0.014	0.016	
11:48	N/A	N/A	0.014	0.016	
11:49	N/A	N/A	0.019	0.016	
11:50	N/A	N/A	0.016	0.016	
11:51	N/A	N/A	0.024	0.016	
11:52	N/A	N/A	0.025	0.016	
11:53	N/A	N/A	0.017	0.017	
11:54	N/A	N/A	0.023	0.017	
11:55	N/A	N/A	0.018	0.017	
11:56	N/A	N/A	0.021	0.018	
11:57	N/A	N/A	0.016	0.018	
11:58	N/A	N/A	0.012	0.018	
11:59	N/A	N/A	0.014	0.018	
12:00	N/A	N/A	0.014	0.018	
12:01	N/A	N/A	0.015	0.018	
12:02	N/A	N/A	0.014	0.017	
12:03	N/A	N/A	0.013	0.017	
12:04	N/A	N/A	0.018	0.017	
12:05	N/A	N/A	0.017	0.017	
12:06	N/A	N/A	0.016	0.017	
12:07	N/A	N/A	0.015	0.017	
12:08	N/A	N/A	0.012	0.016	
12:09	N/A	N/A	0.013	0.016	
12:10	N/A	N/A	0.013	0.015	
12:11	N/A	N/A	0.015	0.015	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
12:12	N/A	N/A	0.014	0.014	
12:13	N/A	N/A	0.013	0.014	
12:14	N/A	N/A	0.024	0.014	
12:15	N/A	N/A	0.017	0.015	
12:16	N/A	N/A	0.014	0.015	
12:17	N/A	N/A	0.016	0.015	
12:18	N/A	N/A	0.014	0.015	
12:19	N/A	N/A	0.021	0.015	
12:20	N/A	N/A	0.017	0.016	
12:21	N/A	N/A	0.014	0.016	
12:22	N/A	N/A	0.012	0.015	
12:23	N/A	N/A	0.011	0.015	
12:24	N/A	N/A	0.016	0.015	
12:25	N/A	N/A	0.019	0.015	
12:26	N/A	N/A	0.017	0.016	
12:27	N/A	N/A	0.015	0.016	
12:28	N/A	N/A	0.014	0.016	
12:29	N/A	N/A	0.019	0.016	
12:30	N/A	N/A	0.014	0.016	Excavator work near downwind unit.
12:31	N/A	N/A	0.022	0.016	
12:32	N/A	N/A	0.015	0.016	
12:33	N/A	N/A	0.016	0.016	
12:34	N/A	N/A	0.021	0.016	
12:35	N/A	N/A	0.016	0.016	
12:36	N/A	N/A	0.013	0.016	
12:37	N/A	N/A	0.017	0.016	
12:38	N/A	N/A	0.017	0.016	
12:39	N/A	N/A	0.013	0.017	
12:40	N/A	N/A	0.014	0.017	
12:41	N/A	N/A	0.012	0.016	
12:42	N/A	N/A	0.013	0.016	
12:43	N/A	N/A	0.016	0.016	
12:44	N/A	N/A	0.015	0.016	
12:45	N/A	N/A	0.013	0.016	
12:46	N/A	N/A	0.014	0.016	
12:47	N/A	N/A	0.014	0.015	
12:48	N/A	N/A	0.017	0.015	
12:49	N/A	N/A	0.016	0.015	
12:50	N/A	N/A	0.015	0.015	
12:51	N/A	N/A	0.017	0.015	
12:52	N/A	N/A	0.015	0.015	
12:53	N/A	N/A	0.013	0.015	
12:54	N/A	N/A	0.013	0.014	
12:55	N/A	N/A	0.017	0.014	
12:56	N/A	N/A	0.015	0.015	
12:57	N/A	N/A	0.019	0.015	
12:58	N/A	N/A	0.012	0.015	
12:59	N/A	N/A	0.016	0.015	
13:00	N/A	N/A	0.018	0.015	
13:01	N/A	N/A	0.027	0.015	
13:02	N/A	N/A	0.016	0.016	
13:03	N/A	N/A	0.026	0.016	
13:04	N/A	N/A	0.019	0.017	
13:05	N/A	N/A	0.017	0.017	
13:06	N/A	N/A	0.016	0.017	
13:07	N/A	N/A	0.015	0.017	
13:08	N/A	N/A	0.016	0.017	
13:09	N/A	N/A	0.013	0.017	
13:10	N/A	N/A	0.021	0.017	
13:11	N/A	N/A	0.014	0.018	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
8:45	0.0		0.002		Hand clearing and excavating along fenceline. Wind SE 9 mph.
8:46	0.0		0.001		
8:47	0.0		0.001		
8:48	0.0		0.001		
8:49	0.0		0.001		
8:50	0.0		0.001		
8:51	0.0		0.000		
8:52	0.0		0.001		
8:53	0.0		0.001		
8:54	0.0		0.001		
8:55	0.0		0.001		
8:56	0.0		0.001		
8:57	0.0		0.001		
8:58	0.0		0.001		
8:59	0.0		0.001		
9:00	0.0	0.0	0.000	0.001	
9:01	0.0	0.0	0.003	0.001	
9:02	0.0	0.0	0.002	0.001	
9:03	0.0	0.0	0.001	0.001	
9:04	0.0	0.0	0.001	0.001	
9:05	0.0	0.0	0.001	0.001	
9:06	0.0	0.0	0.002	0.001	
9:07	0.0	0.0	0.000	0.001	
9:08	0.0	0.0	0.001	0.001	
9:09	0.0	0.0	0.001	0.001	
9:10	0.0	0.0	0.000	0.001	
9:11	0.0	0.0	0.001	0.001	
9:12	0.0	0.0	0.001	0.001	
9:13	0.0	0.0	0.002	0.001	
9:14	0.0	0.0	0.001	0.001	
9:15	0.0	0.0	0.001	0.001	
9:16	0.0	0.0	0.001	0.001	
9:17	0.0	0.0	0.001	0.001	
9:18	0.0	0.0	0.001	0.001	
9:19	0.0	0.0	0.000	0.001	
9:20	0.0	0.0	0.001	0.001	
9:21	0.0	0.0	0.001	0.001	
9:22	0.0	0.0	0.002	0.001	
9:23	0.0	0.0	0.002	0.001	
9:24	0.0	0.0	0.001	0.001	
9:25	0.0	0.0	0.003	0.001	
9:26	0.0	0.0	0.005	0.001	
9:27	0.0	0.0	0.001	0.002	
9:28	0.0	0.0	0.001	0.002	
9:29	0.0	0.0	0.001	0.001	
9:30	0.0	0.0	0.001	0.001	
9:31	0.0	0.0	0.001	0.001	
9:32	0.0	0.0	0.000	0.001	
9:33	0.0	0.0	0.001	0.001	
9:34	0.0	0.0	0.000	0.001	
9:35	0.0	0.0	0.001	0.001	
9:36	0.0	0.0	0.002	0.001	
9:37	0.0	0.0	0.001	0.001	
9:38	0.0	0.0	0.004	0.001	
9:39	0.0	0.0	0.002	0.002	
9:40	0.0	0.0	0.001	0.002	
9:41	0.0	0.0	0.001	0.001	
9:42	0.0	0.0	0.001	0.001	
9:43	0.0	0.0	0.001	0.001	
9:44	0.0	0.0	0.000	0.001	
9:45	0.0	0.0	0.000	0.001	Excavating area under step.
9:46	0.0	0.0	0.002	0.001	
9:47	0.0	0.0	0.001	0.001	
9:48	0.0	0.0	0.000	0.001	
9:49	0.0	0.0	0.001	0.001	
9:50	0.0	0.0	0.002	0.001	
9:51	0.0	0.0	0.001	0.001	
9:52	0.0	0.0	0.001	0.001	
9:53	0.0	0.0	0.001	0.001	
9:54	0.0	0.0	0.002	0.001	
9:55	0.0	0.0	0.001	0.001	
9:56	0.0	0.0	0.004	0.001	
9:57	0.0	0.0	0.002	0.001	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
9:58	0.0	0.0	0.001	0.001	
9:59	0.0	0.0	0.001	0.001	
10:00	0.0	0.0	0.001	0.001	
10:01	0.0	0.0	0.001	0.001	
10:02	0.0	0.0	0.000	0.001	
10:03	0.0	0.0	0.001	0.001	
10:04	0.0	0.0	0.002	0.001	
10:05	0.0	0.0	0.000	0.001	
10:06	0.0	0.0	0.001	0.001	
10:07	0.0	0.0	0.001	0.001	
10:08	0.0	0.0	0.001	0.001	
10:09	0.0	0.0	0.001	0.001	
10:10	0.0	0.0	0.001	0.001	
10:11	0.0	0.0	0.003	0.001	
10:12	0.0	0.0	0.002	0.001	
10:13	0.0	0.0	0.001	0.001	
10:14	0.0	0.0	0.001	0.001	
10:15	0.0	0.0	0.001	0.001	Hand-clearing under staircase.
10:16	0.0	0.0	0.001	0.001	
10:17	0.0	0.0	0.001	0.001	
10:18	0.0	0.0	0.001	0.001	
10:19	0.0	0.0	0.001	0.001	
10:20	0.0	0.0	0.001	0.001	
10:21	0.0	0.0	0.001	0.001	
10:22	0.0	0.0	0.002	0.001	
10:23	0.0	0.0	0.001	0.001	
10:24	0.0	0.0	0.001	0.001	
10:25	0.0	0.0	0.001	0.001	
10:26	0.0	0.0	0.001	0.001	
10:27	0.0	0.0	0.002	0.001	
10:28	0.0	0.0	0.001	0.001	
10:29	0.0	0.0	0.001	0.001	
10:30	0.0	0.0	0.001	0.001	
10:31	0.0	0.0	0.001	0.001	
10:32	0.0	0.0	0.001	0.001	
10:33	0.0	0.0	0.005	0.001	
10:34	0.0	0.0	0.003	0.001	
10:35	0.0	0.0	0.003	0.002	
10:36	0.0	0.0	0.002	0.002	
10:37	0.0	0.0	0.002	0.002	
10:38	0.0	0.0	0.002	0.002	
10:39	0.0	0.0	0.002	0.002	
10:40	0.0	0.0	0.002	0.002	
10:41	0.0	0.0	0.002	0.002	
10:42	0.0	0.0	0.003	0.002	
10:43	0.0	0.0	0.002	0.002	
10:44	0.0	0.0	0.002	0.002	
10:45	0.0	0.0	0.002	0.002	
10:46	0.0	0.0	0.002	0.002	
10:47	0.0	0.0	0.002	0.002	
10:48	0.0	0.0	0.007	0.002	
10:49	0.0	0.0	0.003	0.003	
10:50	0.0	0.0	0.002	0.003	
10:51	0.0	0.0	0.002	0.002	
10:52	0.0	0.0	0.002	0.002	
10:53	0.0	0.0	0.002	0.002	
10:54	0.0	0.0	0.002	0.002	
10:55	0.0	0.0	0.003	0.002	
10:56	0.0	0.0	0.002	0.003	
10:57	0.0	0.0	0.002	0.003	
10:58	0.0	0.0	0.002	0.002	
10:59	0.0	0.0	0.002	0.002	
11:00	0.0	0.0	0.002	0.002	
11:01	0.0	0.0	0.002	0.002	
11:02	0.0	0.0	0.002	0.002	
11:03	0.0	0.0	0.003	0.002	
11:04	0.0	0.0	0.003	0.002	
11:05	0.0	0.0	0.003	0.002	
11:06	0.0	0.0	0.009	0.002	
11:07	0.0	0.0	0.018	0.003	
11:08	0.0	0.0	0.003	0.004	
11:09	0.0	0.0	0.003	0.004	
11:10	0.0	0.0	0.004	0.004	
11:11	0.0	0.0	0.004	0.004	
11:12	0.0	0.0	0.003	0.004	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
11:13	0.0	0.0	0.003	0.004	
11:14	0.0	0.0	0.003	0.004	
11:15	0.0	0.0	0.003	0.004	
11:16	0.0	0.0	0.005	0.004	
11:17	0.0	0.0	0.004	0.005	
11:18	0.0	0.0	0.004	0.005	
11:19	0.0	0.0	0.003	0.005	
11:20	0.0	0.0	0.003	0.005	
11:21	0.0	0.0	0.004	0.005	
11:22	0.0	0.0	0.004	0.004	
11:23	0.0	0.0	0.003	0.004	
11:24	0.0	0.0	0.015	0.004	
11:25	0.0	0.0	0.004	0.004	
11:26	0.0	0.0	0.004	0.004	
11:27	0.0	0.0	0.004	0.004	
11:28	0.0	0.0	0.003	0.004	
11:29	0.0	0.0	0.004	0.004	
11:30	0.0	0.0	0.004	0.004	
11:31	0.0	0.0	0.004	0.005	
11:32	0.0	0.0	0.004	0.004	
11:33	0.0	0.0	0.004	0.004	
11:34	0.0	0.0	0.005	0.004	
11:35	0.0	0.0	0.004	0.005	
11:36	0.0	0.0	0.004	0.005	
11:37	0.0	0.0	0.004	0.005	
11:38	0.0	0.0	0.005	0.005	
11:39	0.0	0.0	0.004	0.005	
11:40	0.0	0.0	0.005	0.004	
11:41	0.0	0.0	0.005	0.004	
11:42	0.0	0.0	0.005	0.004	
11:43	0.0	0.0	0.006	0.004	
11:44	0.0	0.0	0.005	0.004	
11:45	0.1	0.0	0.006	0.005	Mechanic working near downwind unit. Wind S 14 mph.
11:46	0.0	0.0	0.005	0.005	
11:47	0.0	0.0	0.007	0.005	
11:48	0.0	0.0	0.007	0.005	
11:49	0.0	0.0	0.007	0.005	
11:50	0.0	0.0	0.051	0.005	
11:51	0.0	0.0	0.105	0.008	
11:52	0.0	0.0	0.291	0.015	
11:53	0.0	0.0	0.640	0.034	
11:54	0.0	0.0	0.069	0.077	
11:55	0.0	0.0	0.019	0.081	
11:56	0.0	0.0	0.008	0.082	
11:57	0.0	0.0	0.007	0.082	
11:58	0.0	0.0	0.007	0.082	
11:59	0.0	0.0	0.005	0.082	
12:00	0.0	0.0	0.005	0.082	
12:01	0.0	0.0	0.005	0.082	
12:02	0.0	0.0	0.005	0.082	
12:03	0.0	0.0	0.006	0.082	
12:04	0.0	0.0	0.006	0.082	
12:05	0.0	0.0	0.005	0.082	
12:06	0.0	0.0	0.005	0.079	
12:07	0.0	0.0	0.005	0.072	
12:08	0.0	0.0	0.006	0.053	
12:09	0.0	0.0	0.007	0.011	
12:10	0.0	0.0	0.006	0.007	
12:11	0.0	0.0	0.006	0.006	
12:12	0.0	0.0	0.006	0.006	
12:13	0.0	0.0	0.019	0.006	
12:14	0.0	0.0	0.016	0.006	
12:15	0.0	0.0	0.018	0.007	
12:16	0.0	0.0	0.013	0.008	
12:17	0.0	0.0	0.168	0.009	
12:18	0.0	0.0	0.286	0.019	
12:19	0.0	0.0	0.034	0.038	
12:20	0.0	0.0	0.029	0.040	
12:21	0.0	0.0	0.014	0.042	
12:22	0.0	0.0	0.010	0.042	
12:23	0.0	0.0	0.021	0.043	
12:24	0.0	0.0	0.013	0.044	
12:25	0.0	0.0	0.339	0.044	
12:26	0.0	0.0	0.097	0.066	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
12:27	0.0	0.0	0.068	0.072	
12:28	0.0	0.0	0.042	0.076	
12:29	0.0	0.0	0.012	0.078	
12:30	0.3	0.0	0.028	0.078	Excavator work near downwind unit.
12:31	0.0	0.0	0.046	0.078	
12:32	0.0	0.0	0.014	0.080	
12:33	0.0	0.0	0.018	0.070	
12:34	0.0	0.0	0.023	0.052	
12:35	0.0	0.0	0.389	0.052	
12:36	0.0	0.0	0.651	0.076	
12:37	0.0	0.0	0.025	0.118	
12:38	0.0	0.0	0.009	0.119	
12:39	0.0	0.0	0.008	0.118	
12:40	0.0	0.0	0.009	0.118	
12:41	0.0	0.0	0.008	0.096	
12:42	0.0	0.0	0.007	0.090	
12:43	0.0	0.0	0.019	0.086	
12:44	0.0	0.0	0.113	0.084	
12:45	0.0	0.0	0.019	0.091	
12:46	0.0	0.0	0.011	0.091	
12:47	0.0	0.0	0.007	0.088	
12:48	0.0	0.0	0.007	0.088	
12:49	0.0	0.0	0.006	0.087	
12:50	0.0	0.0	0.007	0.086	
12:51	0.0	0.0	0.008	0.060	
12:52	0.0	0.0	0.007	0.018	
12:53	0.0	0.0	0.007	0.016	
12:54	0.0	0.0	0.008	0.016	
12:55	0.0	0.0	0.006	0.016	
12:56	0.0	0.0	0.007	0.016	
12:57	0.0	0.0	0.008	0.016	
12:58	0.0	0.0	0.006	0.016	
12:59	0.0	0.0	0.007	0.015	
13:00	0.0	0.0	0.009	0.008	
13:01	0.0	0.0	0.009	0.007	
13:02	0.0	0.0	0.007	0.007	
13:03	0.0	0.0	0.008	0.007	
13:04	0.0	0.0	0.008	0.007	
13:05	0.0	0.0	0.007	0.007	
13:06	0.0	0.0	0.007	0.007	
13:07	0.0	0.0	0.007	0.007	
13:08	0.0	0.0	0.008	0.007	
13:09	0.0	0.0	0.008	0.007	
13:10	0.0	0.0	0.008	0.007	
13:11	0.0	0.0	0.010	0.008	
13:12	0.0	0.0	0.008	0.008	
13:13	0.0	0.0	0.009	0.008	
13:14	0.0	0.0	0.007	0.008	
13:15	0.1	0.0	0.007	0.008	
13:16	0.1	0.0	0.009	0.008	
13:17	0.1	0.0	0.008	0.008	
13:18	0.1	0.0	0.008	0.008	
13:19	0.1	0.0	0.008	0.008	
13:20	0.1	0.0	0.009	0.008	
13:21	0.1	0.0	0.009	0.008	
13:22	0.1	0.0	0.010	0.008	
13:23	0.1	0.0	0.008	0.008	
13:24	0.1	0.0	0.008	0.008	
13:25	0.1	0.0	0.008	0.008	
13:26	0.1	0.0	0.008	0.008	
13:27	0.1	0.0	0.008	0.008	
13:28	0.1	0.0	0.008	0.008	
13:29	0.1	0.0	0.007	0.008	
13:30	0.1	0.1	0.009	0.008	
13:31	0.1	0.1	0.008	0.008	
13:32	0.1	0.1	0.007	0.008	
13:33	0.1	0.1	0.008	0.008	
13:34	0.1	0.1	0.009	0.008	
13:35	0.1	0.1	0.009	0.008	
13:36	0.1	0.1	0.009	0.008	
13:37	0.1	0.1	0.008	0.008	
13:38	0.1	0.1	0.008	0.008	
13:39	0.1	0.1	0.008	0.008	
13:40	0.1	0.1	0.008	0.008	
13:41	0.1	0.1	0.008	0.008	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
13:42	0.1	0.1	0.009	0.008	
13:43	0.1	0.1	0.009	0.008	
13:44	0.1	0.1	0.009	0.008	
13:45	0.1	0.1	0.013	0.008	
13:46	0.1	0.1	0.013	0.009	
13:47	0.1	0.1	0.009	0.009	
13:48	0.1	0.1	0.008	0.009	
13:49	0.1	0.1	0.008	0.009	
13:50	0.1	0.1	0.008	0.009	
13:51	0.1	0.1	0.009	0.009	
13:52	0.1	0.1	0.007	0.009	
13:53	0.1	0.1	0.008	0.009	
13:54	0.1	0.1	0.013	0.009	
13:55	0.1	0.1	0.012	0.009	
13:56	0.1	0.1	0.009	0.010	
13:57	0.1	0.1	0.008	0.010	
13:58	0.1	0.1	0.008	0.010	
13:59	0.1	0.1	0.008	0.009	
14:00	0.1	0.1	0.008	0.009	
14:01	0.1	0.1	0.010	0.009	
14:02	0.1	0.1	0.008	0.009	
14:03	0.1	0.1	0.007	0.009	
14:04	0.1	0.1	0.010	0.009	
14:05	0.1	0.1	0.009	0.009	
14:06	0.1	0.1	0.007	0.009	
14:07	0.1	0.1	0.009	0.009	
14:08	0.1	0.1	0.008	0.009	
14:09	0.1	0.1	0.008	0.009	
14:10	0.1	0.1	0.008	0.009	
14:11	0.1	0.1	0.009	0.008	
14:12	0.1	0.1	0.008	0.008	
14:13	0.1	0.1	0.008	0.008	
14:14	0.1	0.1	0.008	0.008	
14:15	0.1	0.1	0.009	0.008	
14:16	0.1	0.1	0.010	0.008	
14:17	0.1	0.1	0.009	0.008	
14:18	0.1	0.1	0.008	0.008	
14:19	0.1	0.1	0.009	0.009	
14:20	0.1	0.1	0.007	0.008	
14:21	0.1	0.1	0.013	0.008	
14:22	0.1	0.1	0.013	0.009	
14:23	0.1	0.1	0.008	0.009	
14:24	0.1	0.1	0.009	0.009	
14:25	0.1	0.1	0.007	0.009	
14:26	0.1	0.1	0.010	0.009	
14:27	0.1	0.1	0.009	0.009	
14:28	0.1	0.1	0.008	0.009	
14:29	0.1	0.1	0.007	0.009	
14:30	0.1	0.1	0.008	0.009	Pause excavation
15:30	0.1	0.1	0.025	0.009	Resume excavation.
15:31	0.1	0.1	0.022	0.025	
15:32	0.1	0.1	0.017	0.024	
15:33	0.1	0.1	0.012	0.021	
15:34	0.1	0.1	0.012	0.019	
15:35	0.1	0.1	0.011	0.018	
15:36	0.1	0.1	0.015	0.017	
15:37	0.1	0.1	0.013	0.016	
15:38	0.1	0.1	0.009	0.016	
15:39	0.1	0.1	0.015	0.015	
15:40	0.1	0.1	0.015	0.015	
15:41	0.1	0.1	0.010	0.015	
15:42	0.1	0.1	0.008	0.015	
15:43	0.1	0.1	0.010	0.014	
15:44	0.1	0.1	0.009	0.014	
15:45	0.1	0.1	0.010	0.014	Wind SE 19 mph.
15:46	0.1	0.1	0.011	0.013	
15:47	0.1	0.1	0.011	0.012	
15:48	0.1	0.1	0.014	0.011	
15:49	0.1	0.1	0.011	0.012	
15:50	0.1	0.1	0.013	0.011	
15:51	0.1	0.1	0.009	0.012	
15:52	0.1	0.1	0.009	0.011	
15:53	0.1	0.1	0.012	0.011	
15:54	0.1	0.1	0.011	0.011	
15:55	0.1	0.1	0.011	0.011	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
15:56	0.1	0.1	0.013	0.011	
15:57	0.1	0.1	0.016	0.011	
15:58	0.1	0.1	0.016	0.011	
15:59	0.1	0.1	0.014	0.012	
16:00	0.1	0.1	0.014	0.012	
16:01	0.1	0.1	0.011	0.012	
16:02	0.1	0.1	0.008	0.012	
16:03	0.1	0.1	0.009	0.012	
16:04	0.1	0.1	0.009	0.012	
16:05	0.1	0.1	0.012	0.012	
16:06	0.1	0.1	0.015	0.012	
16:07	0.1	0.1	0.023	0.012	
16:08	0.1	0.1	0.015	0.013	
16:09	0.1	0.1	0.012	0.013	
16:10	0.1	0.1	0.014	0.013	
16:11	0.1	0.1	0.015	0.013	
16:12	0.1	0.1	0.019	0.014	
16:13	0.1	0.1	0.028	0.014	
16:14	0.1	0.1	0.018	0.015	
16:15	0.1	0.1	0.009	0.015	End ground intrusive work.

See last page for notes.

Notes:

1. The 15-minute running average particulate level and VOC concentrations are monitored per Appendix 1A of DER Particulate levels monitored with a DustTrak Model 8530.
2. VOC concentrations monitored with a RAE Systems minRAE3000 at downwind position and at work zone during excavation activities. VOC readings were not taken at upwind locations or at either location during backfilling activities as per NYSDEC approval for modified CAMP. See Appendix E.3
3. Instantaneous particulate level and VOC concentration are monitored to give early warning of any potential issues.
4. The 15-minute running average particulate level and VOC concentrations are monitored per Appendix 1A of DER-10 during implementation of the Community Air Monitoring Plan (CAMP).
5. Blank particulate or PID fields represent times when, though the units were continuously monitoring, telemetry did not transmit data. Despite gaps in telemetry data, CAMP data monitoring is continuous and the data recording is still at a frequency that is higher than the requirements of DER-10
6. Cells highlighted in red indicate exceedances for the action level (100 mcg/m^3) as detailed in Appendix E of the NYSDEC-approved Stantec RAWP (2020).

Key:

mg/m^3 = milligrams per cubic meter
PID = photoionization detector
ppm = parts per million
VOC = volatile organic compound
N/A = not applicable

3/29 Wind SW

REFERENCES:

LIBER 11202 OF DEEDS, PAGE 160

ABSTRACT OF TITLE PREPARED BY FRONTIER ABSTRACT AND RESEARCH SERVICES INC. SEARCH #506435, DATED DECEMBER 11, 2007.

BOUNDARY LINE AGREEMENT, LIBER 10555 OF DEEDS, PAGE 474.

TITLE REPORT PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, TITLE #TM-444-MON-11, DATED JANUARY 18, 2013.

MAPPING OBTAINED FROM THE CITY OF ROCHESTER MAPS AND SURVEYS DISTRICT 21, MAPS 5-6

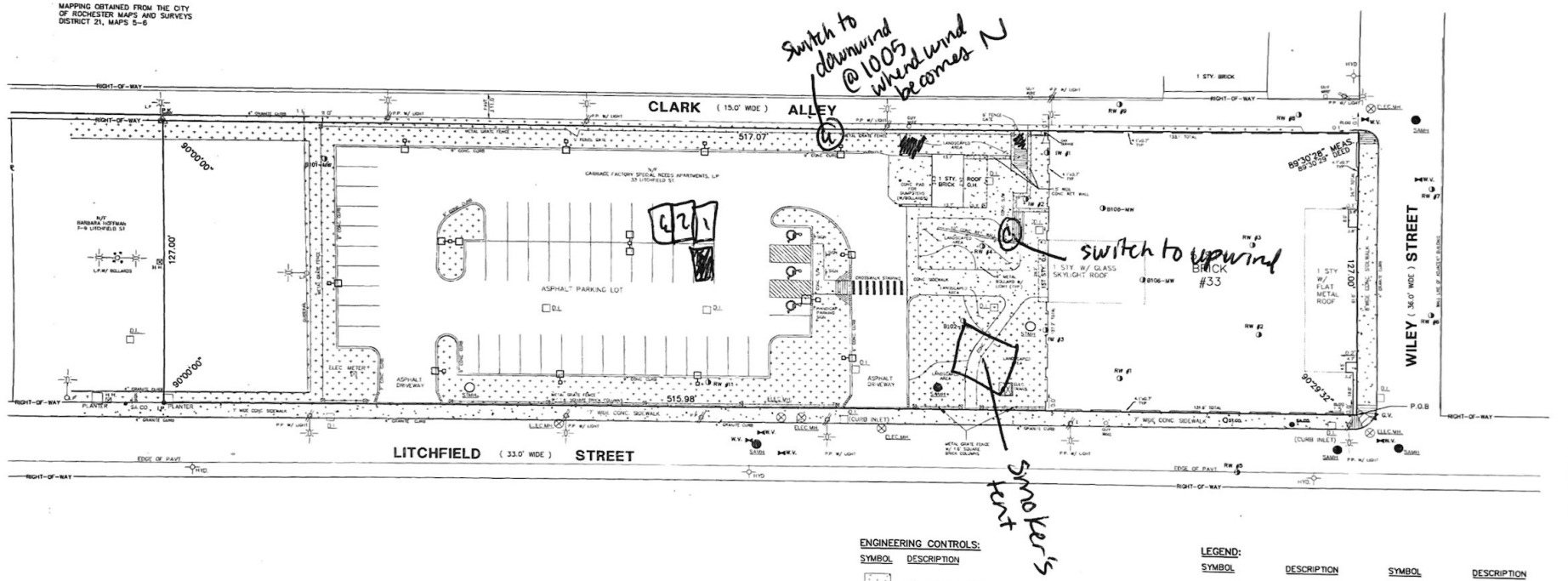
EASEMENTS:

ENVIRONMENTAL EASEMENT TO NYSDEC. THE AREA OF THE EASEMENT BOUNDARY MATCHES THE PARCEL BOUNDARY AS DESCRIBED BELOW.

EASEMENT TO R.G& E., LIBER 1581 OF DEEDS, PAGE 474. FOR STEAM LINES ON LITCHFIELD STREET "UNDER, ALONG AND ADJACENT TO PREMISES FOR APPROX. 124 FEET" (UNABLE TO PLOT LOCATION ON MAP FROM DESCRIPTION)

20' 10' 5' 0 20' 40'
6.1m 3.05m 0m 6.1m 12.2m

NORTH



ENGINEERING CONTROLS:

SYMBOL	DESCRIPTION
	AREAS WITH CONCRETE CAP
	AREAS WITH ASPHALT CAP
	AREAS OF GRASS AND/OR LANDSCAPING

LEGEND:

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SIGN		CURB
	LIGHT POLE		CURB TRANSITION (CURB-CUT)
	LIGHT POLE	W.V.	WATER VALVE
	POWER POLE	HYD.	FIRE HYDRANT
####	MONITORING WELL LOCATIONS	G.V.	GAS VALVE
SAMH	SANITARY MANHOLE		STAIRS OR HANDICAP RAMP
STMH	STORM MANHOLE	SA.CO.	SANITARY CLEANOUT
ELEC.MH.	ELECTRIC/UTILITY MANHOLE	ST.CO.	STORM CLEANOUT

PARCEL AND ENVIRONMENTAL EASEMENT LEGAL DESCRIPTION:

ALL THAT TRACT OR PARCEL OF LAND SITUATE IN THE CITY OF ROCHESTER, COUNTY OF MONROE AND STATE OF NEW YORK, BEING PART OF THE BUSH AND KING TRACT, SO CALLED, KNOWN AND DESCRIBED AS FOLLOWS:

COMMENCING AT THE POINT OF INTERSECTION OF THE WESTERLY LINE OF LITCHFIELD STREET (33 FEET WIDE) AND THE SOUTHERLY LINE OF WILEY STREET (36 FEET WIDE) AND RUNNING THE FOLLOWING COURSES AS DESCRIBED IN A DEED FILED IN THE MONROE COUNTY CLERKS OFFICE, LIBER 10555 OF DEEDS, PAGE 478.

THENCE 1) WESTERLY, ALONG THE SOUTHERLY LINE OF WILEY STREET, A DISTANCE OF 127.00 FEET TO A POINT WHERE THE SOUTHERLY LINE OF WILEY STREET INTERSECTS THE EASTERLY LINE OF CLARK ALLEY,

THENCE 2) SOUTHERLY, AT AN INTERIOR ANGLE OF 89°-30'-28" (SHOWN AS

ENVIRONMENTAL REMEDIATION SYSTEM NOTES:

1. OPERATING REMEDIATION SYSTEMS IN PLACE WITHIN THE SITE BUILDING BUT NOT SHOWN ON THIS SURVEY PLAN INCLUDE
   a) A VAPOR INTRUSION SUB-SLAB DEPRESSURIZATION SYSTEM (SSDS);
   b) A BASEMENT ELEVATOR SUMP SYSTEM, AND
   c) A GROUNDWATER INJECTION PIPING SYSTEM.
   AS-BUILT DETAILS FOR EACH OF THESE SYSTEMS ARE PROVIDED IN THE FORMER CARRIAGE FACTORY, MONROE COUNTY, NEW YORK, SITE MANAGEMENT PLAN, NYSDEC SITE NUMBER: C828184 (SMP).
   THE FOLLOWING SMP FIGURES PROVIDE DETAILS:
   FIGURE 7A SUB-SLAB DEPRESSURIZATION SYSTEM LAYOUT

NY UNAUTHORIZED ALTERATION OR ADDITION TO THIS MAP IS A IOLATION OF ARTICLE 145, SECTION 7209 OF THE NEW YORK TATE EDUCATION LAW.

E PARRONE ENGINEERING HEREBY CERTIFY THAT THIS MAP WAS

Stantec

CAMP Field Notes

Name: Christiana Deluca

Date: 3/29/24

Project: Former Carriage Factory Site

Weather conditions: 34°, sunny

Estimated wind speed (calm, moderate, strong): 14 mph

Equipment		
	Upwind/Work	Downwind
PID (10.6 eV)	—	—
Dusttrak	STN 1	STN 2

Work Location	Wind Direction*	TIME	UPGRADIENT		DOWNGRADIENT		WORK AREA	Notes (discuss any exceedances noted, any visible dust, other conditions of note, etc.)
			DUST (mg/m3)	VOC (ppm)	DUST (mg/m3)	VOC (ppm)	VOC (ppm)	
backfilling fenceline	SW	0930	0.620	—	0.011	—	—	
and area beside bldg		0945	0.039	—	0.013	—	—	
	N	1000	0.009	—	0.012	—	—	switch units for next reading (wind direction Δ)
		1015	0.003	—	0.003	—	—	
		1030	0.003	—	0.002	—	—	pause in stair backfill. Keep on backfilling near fenceline
		1045	0.030	—	0.080	—	—	several residents smoking in smoking tent (see map)
		1100	0.008	—	0.015	—	—	
		1115	0.008	—	0.010	—	—	
		1130	0.030	—	0.003	—	—	
		1145	0.000	—	0.003	—	—	
		1200	0.003	—	0.002	—	—	
		1215	0.003	—	0.010	—	—	
		1230	0.003	—	0.010	—	—	
		1245	0.048	—	0.006	—	—	smokers in tent.
	NW	1300	0.005	—	0.005	—	—	
		1315	0.009	—	0.003	—	—	
		1330	0.00	—	0.002	—	—	
		1345	0.019	—	0.009	—	—	

*Wind direction is reported as the direction from which it originates

Stantec

CAMP Field Notes

Name: Christiana Deluca (see pg 1 Cont'd)

Date: 3/29/24

Project: Former Carriage Factory Site

Weather conditions:

Estimated wind speed (calm, moderate, strong):

Equipment		
	Upwind/Work	Downwind
PID (10.6 eV)		
Dusttrak		

Work Location	Wind Direction*	TIME	UPGRADIENT		DOWNGRADIENT		WORK AREA	Notes (discuss any exceedances noted, any visible dust, other conditions of note, etc.)
			DUST (mg/m3)	VOC (ppm)	DUST (mg/m3)	VOC (ppm)	VOC (ppm)	
		1400	0.010	–	0.011	–	–	
		1415	0.018	–	0.005	–	–	
		1430	0.008	–	0.000	–	–	Backfilling against building
		1445	0.005	–	0.000	–	–	
		1500	0.007	–	0.002	–	–	
		1515	0.006	–	0.005	–	–	
		1530	0.005	–	0.009	–	–	
		1545	0.028	–	0.005	–	–	
		1600	0.012	–	0.001	–	–	wind gusts 16 mph
		1615	0.006	–	0.001	–	–	
		1630	0.000	–	0.001	–	–	
		1645	0.030	–	0.004	–	–	smokers outside near upwind.
		1700	0.008	–	0.005	–	–	
		1715	0.054	–	0.006	–	–	smokers in tent.
		1730	0.022	–	0.003	–	–	
		1745	0.017	–	0.002	–	–	
		1800	0.015	–	0.001	–	–	
		1815	0.016	–	0.002	–	–	

*Wind direction is reported as the direction from which it originates

Stantec

CAMP Field Notes

Name: Christiana Deluca

Date: see pg 1

Project: Former Carriage Factory Site

Weather conditions:

Estimated wind speed (calm, moderate, strong):

Equipment		
	Upwind/Work	Downwind
PID (10.6 eV)		
Dusttrak		

Work Location	Wind Direction*	TIME	UPGRADIENT		DOWNGRADIENT		WORK AREA	Notes (discuss any exceedances noted, any visible dust, other conditions of note, etc.)
			DUST (mg/m3)	VOC (ppm)	DUST (mg/m3)	VOC (ppm)	VOC (ppm)	
		1830	0.000	–	-0.001	–	–	
		1845	–	–	0.000	–	–	End earthwork.

*Wind direction is reported as the direction from which it originates

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
9:30	N/A	N/A	0.029		Backfilling along fenceline and building. Wind SW 14 mph. No PID measurements taken during backfilling.
9:31	N/A	N/A	0.021		
9:32	N/A	N/A	0.018		
9:33	N/A	N/A	0.022		
9:34	N/A	N/A	0.014		
9:35	N/A	N/A	0.008		
9:36	N/A	N/A	0.014		
9:37	N/A	N/A	0.026		
9:38	N/A	N/A	0.028		
9:39	N/A	N/A	0.037		
9:40	N/A	N/A	0.036		
9:41	N/A	N/A	0.027		
9:42	N/A	N/A	0.022		
9:43	N/A	N/A	0.030		
9:44	N/A	N/A	0.039		
9:45	N/A	N/A	0.017	0.025	
9:46	N/A	N/A	0.015	0.024	
9:47	N/A	N/A	0.017	0.024	
9:48	N/A	N/A	0.014	0.023	
9:49	N/A	N/A	0.018	0.023	
9:50	N/A	N/A	0.017	0.023	
9:51	N/A	N/A	0.015	0.024	
9:52	N/A	N/A	0.012	0.024	
9:53	N/A	N/A	0.014	0.023	
9:54	N/A	N/A	0.019	0.022	
9:55	N/A	N/A	0.039	0.021	
9:56	N/A	N/A	0.099	0.021	
9:57	N/A	N/A	0.102	0.026	
9:58	N/A	N/A	0.046	0.031	
9:59	N/A	N/A	0.030	0.032	
10:00	N/A	N/A	0.016	0.032	Wind switches to N. Switch DT units.
10:01	N/A	N/A	0.013	0.032	
10:02	N/A	N/A	0.012	0.031	
10:03	N/A	N/A	0.012	0.031	
10:04	N/A	N/A	0.006	0.031	
10:05	N/A	N/A	0.010	0.030	
10:06	N/A	N/A	0.007	0.030	
10:07	N/A	N/A	0.007	0.029	
10:08	N/A	N/A	0.007	0.029	
10:09	N/A	N/A	0.007	0.028	
10:10	N/A	N/A	0.010	0.028	
10:11	N/A	N/A	0.013	0.026	
10:12	N/A	N/A	0.011	0.020	
10:13	N/A	N/A	0.020	0.014	
10:14	N/A	N/A	0.011	0.012	
10:15	N/A	N/A	0.014	0.011	
10:16	N/A	N/A	0.009	0.011	
10:17	N/A	N/A	0.014	0.010	
10:18	N/A	N/A	0.013	0.011	
10:19	N/A	N/A	0.016	0.011	
10:20	N/A	N/A	0.020	0.011	
10:21	N/A	N/A	0.015	0.012	
10:22	N/A	N/A	0.038	0.012	
10:23	N/A	N/A	0.085	0.015	
10:24	N/A	N/A	0.038	0.020	
10:25	N/A	N/A	0.020	0.022	
10:26	N/A	N/A	0.011	0.022	
10:27	N/A	N/A	0.010	0.022	
10:28	N/A	N/A	0.010	0.022	
10:29	N/A	N/A	0.007	0.022	
10:30	N/A	N/A	0.009	0.021	Pause backfilling stairs. Continue backfilling along fenceline.
10:31	N/A	N/A	0.018	0.021	
10:32	N/A	N/A	0.015	0.022	
10:33	N/A	N/A	0.014	0.022	
10:34	N/A	N/A	0.025	0.022	
10:35	N/A	N/A	0.027	0.022	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
10:36	N/A	N/A	0.020	0.023	
10:37	N/A	N/A	0.015	0.023	
10:38	N/A	N/A	0.015	0.022	
10:39	N/A	N/A	0.018	0.017	
10:40	N/A	N/A	0.028	0.016	
10:41	N/A	N/A	0.040	0.016	
10:42	N/A	N/A	0.035	0.018	
10:43	N/A	N/A	0.021	0.020	
10:44	N/A	N/A	0.008	0.020	
10:45	N/A	N/A	0.016	0.021	Residents smoking in smoker tent outside. (see map)
10:46	N/A	N/A	0.030	0.021	
10:47	N/A	N/A	0.013	0.022	
10:48	N/A	N/A	0.017	0.022	
10:49	N/A	N/A	0.019	0.022	
10:50	N/A	N/A	0.008	0.021	
10:51	N/A	N/A	0.016	0.020	
10:52	N/A	N/A	0.010	0.020	
10:53	N/A	N/A	0.013	0.020	
10:54	N/A	N/A	0.015	0.019	
10:55	N/A	N/A	0.040	0.019	
10:56	N/A	N/A	0.008	0.020	
10:57	N/A	N/A	0.015	0.018	
10:58	N/A	N/A	0.010	0.017	
10:59	N/A	N/A	0.013	0.016	
11:00	N/A	N/A	0.015	0.016	
11:01	N/A	N/A	0.015	0.016	
11:02	N/A	N/A	0.015	0.015	
11:03	N/A	N/A	0.007	0.015	
11:04	N/A	N/A	0.009	0.015	
11:05	N/A	N/A	0.010	0.014	
11:06	N/A	N/A	0.011	0.014	
11:07	N/A	N/A	0.012	0.014	
11:08	N/A	N/A	0.012	0.014	
11:09	N/A	N/A	0.011	0.014	
11:10	N/A	N/A	0.012	0.014	
11:11	N/A	N/A	0.009	0.012	
11:12	N/A	N/A	0.006	0.012	
11:13	N/A	N/A	0.011	0.011	
11:14	N/A	N/A	0.006	0.011	
11:15	N/A	N/A	0.012	0.011	
11:16	N/A	N/A	0.025	0.011	
11:17	N/A	N/A	0.015	0.011	
11:18	N/A	N/A	0.013	0.011	
11:19	N/A	N/A	0.018	0.012	
11:20	N/A	N/A	0.014	0.012	
11:21	N/A	N/A	0.017	0.012	
11:22	N/A	N/A	0.018	0.013	
11:23	N/A	N/A	0.017	0.013	
11:24	N/A	N/A	0.015	0.014	
11:25	N/A	N/A	0.012	0.014	
11:26	N/A	N/A	0.014	0.014	
11:27	N/A	N/A	0.013	0.014	
11:28	N/A	N/A	0.013	0.015	
11:29	N/A	N/A	0.022	0.015	
11:30	N/A	N/A	0.017	0.016	
11:31	N/A	N/A	0.012	0.016	
11:32	N/A	N/A	0.008	0.015	
11:33	N/A	N/A	0.011	0.015	
11:34	N/A	N/A	0.017	0.015	
11:35	N/A	N/A	0.017	0.015	
11:36	N/A	N/A	0.020	0.015	
11:37	N/A	N/A	0.023	0.015	
11:38	N/A	N/A	0.020	0.015	
11:39	N/A	N/A	0.017	0.016	
11:40	N/A	N/A	0.018	0.016	
11:41	N/A	N/A	0.017	0.016	
11:42	N/A	N/A	0.012	0.016	
11:43	N/A	N/A	0.008	0.016	
11:44	N/A	N/A	0.013	0.016	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
11:45	N/A	N/A	0.004	0.015	
11:46	N/A	N/A	0.008	0.014	
11:47	N/A	N/A	0.010	0.014	
11:48	N/A	N/A	0.025	0.014	
11:49	N/A	N/A	0.010	0.015	
11:50	N/A	N/A	0.006	0.015	
11:51	N/A	N/A	0.011	0.014	
11:52	N/A	N/A	0.018	0.013	
11:53	N/A	N/A	0.015	0.013	
11:54	N/A	N/A	0.016	0.013	
11:55	N/A	N/A	0.011	0.013	
11:56	N/A	N/A	0.008	0.012	
11:57	N/A	N/A	0.011	0.012	
11:58	N/A	N/A	0.012	0.012	
11:59	N/A	N/A	0.013	0.012	
12:00	N/A	N/A	0.017	0.012	
12:01	N/A	N/A	0.017	0.013	
12:02	N/A	N/A	0.015	0.013	
12:03	N/A	N/A	0.024	0.014	
12:04	N/A	N/A	0.015	0.014	
12:05	N/A	N/A	0.009	0.014	
12:06	N/A	N/A	0.012	0.014	
12:07	N/A	N/A	0.015	0.014	
12:08	N/A	N/A	0.010	0.014	
12:09	N/A	N/A	0.009	0.014	
12:10	N/A	N/A	0.011	0.013	
12:11	N/A	N/A	0.009	0.013	
12:12	N/A	N/A	0.028	0.013	
12:13	N/A	N/A	0.013	0.014	
12:14	N/A	N/A	0.014	0.014	
12:15	N/A	N/A	0.013	0.015	
12:16	N/A	N/A	0.008	0.014	
12:17	N/A	N/A	0.013	0.014	
12:18	N/A	N/A	0.007	0.014	
12:19	N/A	N/A	0.014	0.012	
12:20	N/A	N/A	0.014	0.012	
12:21	N/A	N/A	0.010	0.013	
12:22	N/A	N/A	0.016	0.013	
12:23	N/A	N/A	0.012	0.013	
12:24	N/A	N/A	0.012	0.013	
12:25	N/A	N/A	0.109	0.013	
12:26	N/A	N/A	0.013	0.019	
12:27	N/A	N/A	0.010	0.020	
12:28	N/A	N/A	0.012	0.019	
12:29	N/A	N/A	0.012	0.018	
12:30	N/A	N/A	0.020	0.018	
12:31	N/A	N/A	0.016	0.019	
12:32	N/A	N/A	0.019	0.019	
12:33	N/A	N/A	0.016	0.020	
12:34	N/A	N/A	0.017	0.020	
12:35	N/A	N/A	0.010	0.021	
12:36	N/A	N/A	0.013	0.020	
12:37	N/A	N/A	0.018	0.020	
12:38	N/A	N/A	0.018	0.021	
12:39	N/A	N/A	0.011	0.021	
12:40	N/A	N/A	0.012	0.021	
12:41	N/A	N/A	0.013	0.014	
12:42	N/A	N/A	0.022	0.014	
12:43	N/A	N/A	0.019	0.015	
12:44	N/A	N/A	0.017	0.016	
12:45	N/A	N/A	0.067	0.016	Smokers in tent.
12:46	N/A	N/A	0.044	0.019	
12:47	N/A	N/A	0.015	0.021	
12:48	N/A	N/A	0.012	0.021	
12:49	N/A	N/A	0.013	0.021	
12:50	N/A	N/A	0.014	0.020	
12:51	N/A	N/A	0.014	0.021	
12:52	N/A	N/A	0.020	0.021	
12:53	N/A	N/A	0.017	0.021	
12:54	N/A	N/A	0.018	0.021	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
12:55	N/A	N/A	0.013	0.021	
12:56	N/A	N/A	0.014	0.021	
12:57	N/A	N/A	0.031	0.021	
12:58	N/A	N/A	0.018	0.022	
12:59	N/A	N/A	0.017	0.022	
13:00	N/A	N/A	0.014	0.022	Wind NW
13:01	N/A	N/A	0.016	0.018	
13:02	N/A	N/A	0.028	0.016	
13:03	N/A	N/A	0.015	0.017	
13:04	N/A	N/A	0.012	0.017	
13:05	N/A	N/A	0.017	0.017	
13:06	N/A	N/A	0.010	0.018	
13:07	N/A	N/A	0.013	0.017	
13:08	N/A	N/A	0.010	0.017	
13:09	N/A	N/A	0.010	0.016	
13:10	N/A	N/A	0.012	0.016	
13:11	N/A	N/A	0.013	0.016	
13:12	N/A	N/A	0.011	0.016	
13:13	N/A	N/A	0.008	0.014	
13:14	N/A	N/A	0.012	0.014	
13:15	N/A	N/A	0.008	0.013	
13:16	N/A	N/A	0.010	0.013	
13:17	N/A	N/A	0.017	0.013	
13:18	N/A	N/A	0.012	0.012	
13:19	N/A	N/A	0.018	0.012	
13:20	N/A	N/A	0.012	0.012	
13:21	N/A	N/A	0.012	0.012	
13:22	N/A	N/A	0.016	0.012	
13:23	N/A	N/A	0.014	0.012	
13:24	N/A	N/A	0.023	0.012	
13:25	N/A	N/A	0.010	0.013	
13:26	N/A	N/A	0.016	0.013	
13:27	N/A	N/A	0.056	0.013	
13:28	N/A	N/A	0.009	0.016	
13:29	N/A	N/A	0.019	0.016	
13:30	N/A	N/A	0.010	0.017	
13:31	N/A	N/A	0.014	0.017	
13:32	N/A	N/A	0.015	0.017	
13:33	N/A	N/A	0.015	0.017	
13:34	N/A	N/A	0.012	0.017	
13:35	N/A	N/A	0.013	0.017	
13:36	N/A	N/A	0.016	0.017	
13:37	N/A	N/A	0.009	0.017	
13:38	N/A	N/A	0.014	0.017	
13:39	N/A	N/A	0.014	0.017	
13:40	N/A	N/A	0.021	0.016	
13:41	N/A	N/A	0.014	0.017	
13:42	N/A	N/A	0.015	0.017	
13:43	N/A	N/A	0.012	0.014	
13:44	N/A	N/A	0.012	0.014	
13:45	N/A	N/A	0.014	0.014	
13:46	N/A	N/A	0.010	0.014	
13:47	N/A	N/A	0.012	0.014	
13:48	N/A	N/A	0.008	0.014	
13:49	N/A	N/A	0.013	0.013	
13:50	N/A	N/A	0.016	0.013	
13:51	N/A	N/A	0.017	0.013	
13:52	N/A	N/A	0.023	0.013	
13:53	N/A	N/A	0.008	0.014	
13:54	N/A	N/A	0.008	0.014	
13:55	N/A	N/A	0.016	0.014	
13:56	N/A	N/A	0.020	0.013	
13:57	N/A	N/A	0.020	0.014	
13:58	N/A	N/A	0.019	0.014	
13:59	N/A	N/A	0.031	0.014	
14:00	N/A	N/A	0.115	0.016	
14:01	N/A	N/A	0.009	0.022	
14:02	N/A	N/A	0.010	0.022	
14:03	N/A	N/A	0.052	0.022	
14:04	N/A	N/A	0.013	0.025	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
14:05	N/A	N/A	0.014	0.025	
14:06	N/A	N/A	0.032	0.025	
14:07	N/A	N/A	0.019	0.026	
14:08	N/A	N/A	0.025	0.026	
14:09	N/A	N/A	0.011	0.027	
14:10	N/A	N/A	0.012	0.027	
14:11	N/A	N/A	0.022	0.027	
14:12	N/A	N/A	0.029	0.027	
14:13	N/A	N/A	0.015	0.028	
14:14	N/A	N/A	0.017	0.027	
14:15	N/A	N/A	0.013	0.026	
14:16	N/A	N/A	0.013	0.020	
14:17	N/A	N/A	0.013	0.020	
14:18	N/A	N/A	0.010	0.020	
14:19	N/A	N/A	0.008	0.017	
14:20	N/A	N/A	0.007	0.017	
14:21	N/A	N/A	0.017	0.016	
14:22	N/A	N/A	0.018	0.015	
14:23	N/A	N/A	0.040	0.015	
14:24	N/A	N/A	0.021	0.016	
14:25	N/A	N/A	0.104	0.017	
14:26	N/A	N/A	0.043	0.023	
14:27	N/A	N/A	0.026	0.025	
14:28	N/A	N/A	0.016	0.024	
14:29	N/A	N/A	0.010	0.024	
14:30	N/A	N/A	0.011	0.024	Backfilling area alongside building.
14:31	N/A	N/A	0.019	0.024	
14:32	N/A	N/A	0.009	0.024	
14:33	N/A	N/A	0.015	0.024	
14:34	N/A	N/A	0.009	0.024	
14:35	N/A	N/A	0.029	0.024	
14:36	N/A	N/A	0.010	0.026	
14:37	N/A	N/A	0.007	0.025	
14:38	N/A	N/A	0.028	0.025	
14:39	N/A	N/A	0.012	0.024	
14:40	N/A	N/A	0.019	0.023	
14:41	N/A	N/A	0.026	0.018	
14:42	N/A	N/A	0.008	0.016	
14:43	N/A	N/A	0.010	0.015	
14:44	N/A	N/A	0.023	0.015	
14:45	N/A	N/A	0.027	0.016	
14:46	N/A	N/A	0.014	0.017	
14:47	N/A	N/A	0.072	0.016	
14:48	N/A	N/A	0.037	0.021	
14:49	N/A	N/A	0.006	0.022	
14:50	N/A	N/A	0.005	0.022	
14:51	N/A	N/A	0.017	0.020	
14:52	N/A	N/A	0.004	0.021	
14:53	N/A	N/A	0.008	0.021	
14:54	N/A	N/A	0.008	0.019	
14:55	N/A	N/A	0.005	0.019	
14:56	N/A	N/A	0.008	0.018	
14:57	N/A	N/A	0.005	0.017	
14:58	N/A	N/A	0.008	0.017	
14:59	N/A	N/A	0.006	0.016	
15:00	N/A	N/A	0.006	0.015	
15:01	N/A	N/A	0.007	0.014	
15:02	N/A	N/A	0.011	0.013	
15:03	N/A	N/A	0.007	0.009	
15:04	N/A	N/A	0.003	0.007	
15:05	N/A	N/A	0.006	0.007	
15:06	N/A	N/A	0.006	0.007	
15:07	N/A	N/A	0.006	0.007	
15:08	N/A	N/A	0.007	0.007	
15:09	N/A	N/A	0.005	0.007	
15:10	N/A	N/A	0.012	0.006	
15:11	N/A	N/A	0.012	0.007	
15:12	N/A	N/A	0.011	0.007	
15:13	N/A	N/A	0.014	0.008	
15:14	N/A	N/A	0.013	0.008	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
15:15	N/A	N/A	0.007	0.008	
15:16	N/A	N/A	0.006	0.008	
15:17	N/A	N/A	0.013	0.008	
15:18	N/A	N/A	0.008	0.009	
15:19	N/A	N/A	0.009	0.009	
15:20	N/A	N/A	0.009	0.009	
15:21	N/A	N/A	0.019	0.009	
15:22	N/A	N/A	0.023	0.010	
15:23	N/A	N/A	0.017	0.011	
15:24	N/A	N/A	0.007	0.012	
15:25	N/A	N/A	0.010	0.012	
15:26	N/A	N/A	0.025	0.012	
15:27	N/A	N/A	0.007	0.013	
15:28	N/A	N/A	0.020	0.012	
15:29	N/A	N/A	0.025	0.013	
15:30	N/A	N/A	0.029	0.014	
15:31	N/A	N/A	0.010	0.015	
15:32	N/A	N/A	0.006	0.015	
15:33	N/A	N/A	0.020	0.015	
15:34	N/A	N/A	0.023	0.016	
15:35	N/A	N/A	0.013	0.017	
15:36	N/A	N/A	0.011	0.017	
15:37	N/A	N/A	0.021	0.016	
15:38	N/A	N/A	0.010	0.016	
15:39	N/A	N/A	0.016	0.016	
15:40	N/A	N/A	0.009	0.016	
15:41	N/A	N/A	0.014	0.016	
15:42	N/A	N/A	0.024	0.016	
15:43	N/A	N/A	0.004	0.017	
15:44	N/A	N/A	0.027	0.016	
15:45	N/A	N/A	0.009	0.016	
15:46	N/A	N/A	0.011	0.014	
15:47	N/A	N/A	0.006	0.015	
15:48	N/A	N/A	0.116	0.015	
15:49	N/A	N/A	0.019	0.021	
15:50	N/A	N/A	0.011	0.021	
15:51	N/A	N/A	0.010	0.021	
15:52	N/A	N/A	0.007	0.020	
15:53	N/A	N/A	0.005	0.020	
15:54	N/A	N/A	0.020	0.019	
15:55	N/A	N/A	0.012	0.019	
15:56	N/A	N/A	0.012	0.020	
15:57	N/A	N/A	0.011	0.020	
15:58	N/A	N/A	0.011	0.019	
15:59	N/A	N/A	0.011	0.019	
16:00	N/A	N/A	0.014	0.018	Wind gusts 16 mph.
16:01	N/A	N/A	0.018	0.018	
16:02	N/A	N/A	0.157	0.019	
16:03	N/A	N/A	0.026	0.029	
16:04	N/A	N/A	0.012	0.023	
16:05	N/A	N/A	0.015	0.022	
16:06	N/A	N/A	0.007	0.023	
16:07	N/A	N/A	0.102	0.023	
16:08	N/A	N/A	0.062	0.029	
16:09	N/A	N/A	0.024	0.033	
16:10	N/A	N/A	0.020	0.033	
16:11	N/A	N/A	0.007	0.033	
16:12	N/A	N/A	0.008	0.033	
16:13	N/A	N/A	0.010	0.033	
16:14	N/A	N/A	0.006	0.033	
16:15	N/A	N/A	0.007	0.033	
16:16	N/A	N/A	0.006	0.032	
16:17	N/A	N/A	0.010	0.031	
16:18	N/A	N/A	0.005	0.021	
16:19	N/A	N/A	0.013	0.020	
16:20	N/A	N/A	0.020	0.020	
16:21	N/A	N/A	0.013	0.020	
16:22	N/A	N/A	0.011	0.021	
16:23	N/A	N/A	0.005	0.015	
16:24	N/A	N/A	0.008	0.011	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
16:25	N/A	N/A	0.014	0.010	
16:26	N/A	N/A	0.009	0.010	
16:27	N/A	N/A	0.008	0.010	
16:28	N/A	N/A	0.009	0.010	
16:29	N/A	N/A	0.015	0.010	
16:30	N/A	N/A	0.041	0.010	
16:31	N/A	N/A	0.070	0.012	
16:32	N/A	N/A	0.080	0.017	
16:33	N/A	N/A	0.014	0.021	
16:34	N/A	N/A	0.006	0.022	
16:35	N/A	N/A	0.009	0.022	
16:36	N/A	N/A	0.007	0.021	
16:37	N/A	N/A	0.011	0.020	
16:38	N/A	N/A	0.063	0.020	
16:39	N/A	N/A	0.024	0.024	
16:40	N/A	N/A	0.037	0.025	
16:41	N/A	N/A	0.017	0.027	
16:42	N/A	N/A	0.008	0.027	
16:43	N/A	N/A	0.078	0.027	
16:44	N/A	N/A	0.009	0.032	
16:45	N/A	N/A	0.024	0.032	Smokers near upwind unit.
16:46	N/A	N/A	0.027	0.030	
16:47	N/A	N/A	0.028	0.028	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
9:30	N/A	N/A	0.010		Backfilling along fenceline and building. Wind SW 14 mph. No PID measurements taken during backfilling.
9:31	N/A	N/A	0.010		
9:32	N/A	N/A	0.010		
9:33	N/A	N/A	0.010		
9:34	N/A	N/A	0.009		
9:35	N/A	N/A	0.009		
9:36	N/A	N/A	0.009		
9:37	N/A	N/A	0.008		
9:38	N/A	N/A	0.013		
9:39	N/A	N/A	0.009		
9:40	N/A	N/A	0.011		
9:41	N/A	N/A	0.013		
9:42	N/A	N/A	0.010		
9:43	N/A	N/A	0.007		
9:44	N/A	N/A	0.009		
9:45	N/A	N/A	0.009	0.010	
9:46	N/A	N/A	0.009	0.010	
9:47	N/A	N/A	0.014	0.010	
9:48	N/A	N/A	0.012	0.010	
9:49	N/A	N/A	0.009	0.010	
9:50	N/A	N/A	0.015	0.010	
9:51	N/A	N/A	0.007	0.010	
9:52	N/A	N/A	0.007	0.010	
9:53	N/A	N/A	0.004	0.010	
9:54	N/A	N/A	0.004	0.010	
9:55	N/A	N/A	0.003	0.009	
9:56	N/A	N/A	0.005	0.009	
9:57	N/A	N/A	0.007	0.008	
9:58	N/A	N/A	0.003	0.008	
9:59	N/A	N/A	0.003	0.008	
10:00	N/A	N/A	0.003	0.007	Wind switches to N. Switch DT units.
10:01	N/A	N/A	0.002	0.007	
10:02	N/A	N/A	0.002	0.007	
10:03	N/A	N/A	0.010	0.006	
10:04	N/A	N/A	0.002	0.006	
10:05	N/A	N/A	0.002	0.005	
10:06	N/A	N/A	0.005	0.004	
10:07	N/A	N/A	0.002	0.004	
10:08	N/A	N/A	0.005	0.004	
10:09	N/A	N/A	0.003	0.004	
10:10	N/A	N/A	0.052	0.004	
10:11	N/A	N/A	0.001	0.007	
10:12	N/A	N/A	0.001	0.007	
10:13	N/A	N/A	0.006	0.006	
10:14	N/A	N/A	0.004	0.007	
10:15	N/A	N/A	0.004	0.007	
10:16	N/A	N/A	0.003	0.007	
10:17	N/A	N/A	0.001	0.007	
10:18	N/A	N/A	0.002	0.007	
10:19	N/A	N/A	0.005	0.006	
10:20	N/A	N/A	0.026	0.006	
10:21	N/A	N/A	0.003	0.008	
10:22	N/A	N/A	0.027	0.008	
10:23	N/A	N/A	0.001	0.010	
10:24	N/A	N/A	0.001	0.009	
10:25	N/A	N/A	0.001	0.009	
10:26	N/A	N/A	0.001	0.006	
10:27	N/A	N/A	0.002	0.006	
10:28	N/A	N/A	0.001	0.006	
10:29	N/A	N/A	0.001	0.005	
10:30	N/A	N/A	0.001	0.005	Pause backfilling stairs. Continue backfilling along fenceline.
10:31	N/A	N/A	0.001	0.005	
10:32	N/A	N/A	0.001	0.005	
10:33	N/A	N/A	0.001	0.005	
10:34	N/A	N/A	0.001	0.005	
10:35	N/A	N/A	0.001	0.005	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
10:36	N/A	N/A	0.002	0.003	
10:37	N/A	N/A	0.001	0.003	
10:38	N/A	N/A	0.026	0.001	
10:39	N/A	N/A	0.023	0.003	
10:40	N/A	N/A	0.005	0.004	
10:41	N/A	N/A	0.002	0.005	
10:42	N/A	N/A	0.002	0.005	
10:43	N/A	N/A	0.002	0.005	
10:44	N/A	N/A	0.002	0.005	
10:45	N/A	N/A	0.002	0.005	Residents smoking in smoker tent outside.
10:46	N/A	N/A	0.002	0.005	
10:47	N/A	N/A	0.002	0.005	
10:48	N/A	N/A	0.003	0.005	
10:49	N/A	N/A	0.002	0.005	
10:50	N/A	N/A	0.031	0.005	
10:51	N/A	N/A	0.043	0.007	
10:52	N/A	N/A	0.003	0.010	
10:53	N/A	N/A	0.001	0.010	
10:54	N/A	N/A	0.001	0.008	
10:55	N/A	N/A	0.001	0.007	
10:56	N/A	N/A	0.001	0.007	
10:57	N/A	N/A	0.002	0.007	
10:58	N/A	N/A	0.003	0.007	
10:59	N/A	N/A	0.002	0.007	
11:00	N/A	N/A	0.002	0.007	
11:01	N/A	N/A	0.001	0.007	
11:02	N/A	N/A	0.002	0.007	
11:03	N/A	N/A	0.016	0.007	
11:04	N/A	N/A	0.001	0.007	
11:05	N/A	N/A	0.001	0.007	
11:06	N/A	N/A	0.002	0.005	
11:07	N/A	N/A	0.001	0.003	
11:08	N/A	N/A	0.019	0.002	
11:09	N/A	N/A	0.002	0.004	
11:10	N/A	N/A	0.002	0.004	
11:11	N/A	N/A	0.003	0.004	
11:12	N/A	N/A	0.002	0.004	
11:13	N/A	N/A	0.002	0.004	
11:14	N/A	N/A	0.002	0.004	
11:15	N/A	N/A	0.008	0.004	
11:16	N/A	N/A	0.001	0.004	
11:17	N/A	N/A	0.027	0.004	
11:18	N/A	N/A	0.001	0.006	
11:19	N/A	N/A	0.001	0.005	
11:20	N/A	N/A	0.001	0.005	
11:21	N/A	N/A	0.001	0.005	
11:22	N/A	N/A	0.001	0.005	
11:23	N/A	N/A	0.001	0.005	
11:24	N/A	N/A	0.062	0.004	
11:25	N/A	N/A	0.001	0.008	
11:26	N/A	N/A	0.002	0.008	
11:27	N/A	N/A	0.003	0.008	
11:28	N/A	N/A	0.002	0.008	
11:29	N/A	N/A	0.001	0.008	
11:30	N/A	N/A	0.001	0.008	
11:31	N/A	N/A	0.001	0.007	
11:32	N/A	N/A	0.000	0.007	
11:33	N/A	N/A	0.010	0.005	
11:34	N/A	N/A	0.001	0.006	
11:35	N/A	N/A	0.001	0.006	
11:36	N/A	N/A	0.002	0.006	
11:37	N/A	N/A	0.002	0.006	
11:38	N/A	N/A	0.003	0.006	
11:39	N/A	N/A	0.002	0.006	
11:40	N/A	N/A	0.002	0.002	
11:41	N/A	N/A	0.125	0.002	
11:42	N/A	N/A	0.002	0.010	
11:43	N/A	N/A	0.001	0.010	
11:44	N/A	N/A	0.007	0.010	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
11:45	N/A	N/A	0.001	0.011	
11:46	N/A	N/A	0.005	0.011	
11:47	N/A	N/A	0.001	0.011	
11:48	N/A	N/A	0.001	0.011	
11:49	N/A	N/A	0.001	0.010	
11:50	N/A	N/A	0.220	0.010	
11:51	N/A	N/A	0.001	0.025	
11:52	N/A	N/A	0.008	0.025	
11:53	N/A	N/A	0.002	0.025	
11:54	N/A	N/A	0.002	0.025	
11:55	N/A	N/A	0.025	0.025	
11:56	N/A	N/A	0.001	0.027	
11:57	N/A	N/A	0.003	0.019	
11:58	N/A	N/A	0.002	0.019	
11:59	N/A	N/A	0.000	0.019	
12:00	N/A	N/A	0.001	0.018	
12:01	N/A	N/A	0.001	0.018	
12:02	N/A	N/A	0.007	0.018	
12:03	N/A	N/A	0.001	0.018	
12:04	N/A	N/A	0.004	0.018	
12:05	N/A	N/A	0.002	0.019	
12:06	N/A	N/A	0.006	0.004	
12:07	N/A	N/A	0.007	0.004	
12:08	N/A	N/A	0.002	0.004	
12:09	N/A	N/A	0.024	0.004	
12:10	N/A	N/A	0.001	0.006	
12:11	N/A	N/A	0.005	0.004	
12:12	N/A	N/A	0.006	0.004	
12:13	N/A	N/A	0.003	0.005	
12:14	N/A	N/A	0.004	0.005	
12:15	N/A	N/A	0.001	0.005	
12:16	N/A	N/A	0.001	0.005	
12:17	N/A	N/A	0.001	0.005	
12:18	N/A	N/A	0.002	0.005	
12:19	N/A	N/A	0.001	0.005	
12:20	N/A	N/A	0.002	0.004	
12:21	N/A	N/A	0.001	0.004	
12:22	N/A	N/A	0.001	0.004	
12:23	N/A	N/A	0.001	0.004	
12:24	N/A	N/A	0.002	0.004	
12:25	N/A	N/A	0.001	0.002	
12:26	N/A	N/A	0.002	0.002	
12:27	N/A	N/A	0.002	0.002	
12:28	N/A	N/A	0.003	0.002	
12:29	N/A	N/A	0.001	0.002	
12:30	N/A	N/A	0.002	0.001	
12:31	N/A	N/A	0.003	0.002	
12:32	N/A	N/A	0.011	0.002	
12:33	N/A	N/A	0.001	0.002	
12:34	N/A	N/A	0.003	0.002	
12:35	N/A	N/A	0.003	0.002	
12:36	N/A	N/A	0.002	0.002	
12:37	N/A	N/A	0.013	0.003	
12:38	N/A	N/A	0.009	0.003	
12:39	N/A	N/A	0.008	0.004	
12:40	N/A	N/A	0.008	0.004	
12:41	N/A	N/A	0.003	0.005	
12:42	N/A	N/A	0.005	0.005	
12:43	N/A	N/A	0.004	0.005	
12:44	N/A	N/A	0.004	0.005	
12:45	N/A	N/A	0.003	0.005	Smokers in tent.
12:46	N/A	N/A	0.004	0.005	
12:47	N/A	N/A	0.021	0.005	
12:48	N/A	N/A	0.003	0.006	
12:49	N/A	N/A	0.002	0.006	
12:50	N/A	N/A	0.004	0.006	
12:51	N/A	N/A	0.004	0.006	
12:52	N/A	N/A	0.004	0.006	
12:53	N/A	N/A	0.003	0.006	
12:54	N/A	N/A	0.020	0.005	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
12:55	N/A	N/A	0.005	0.006	
12:56	N/A	N/A	0.109	0.006	
12:57	N/A	N/A	0.003	0.013	
12:58	N/A	N/A	0.004	0.013	
12:59	N/A	N/A	0.003	0.013	
13:00	N/A	N/A	0.002	0.013	Wind NW
13:01	N/A	N/A	0.002	0.013	
13:02	N/A	N/A	0.003	0.013	
13:03	N/A	N/A	0.003	0.011	
13:04	N/A	N/A	0.002	0.011	
13:05	N/A	N/A	0.002	0.011	
13:06	N/A	N/A	0.002	0.011	
13:07	N/A	N/A	0.003	0.011	
13:08	N/A	N/A	0.002	0.011	
13:09	N/A	N/A	0.002	0.011	
13:10	N/A	N/A	0.002	0.010	
13:11	N/A	N/A	0.001	0.010	
13:12	N/A	N/A	0.003	0.002	
13:13	N/A	N/A	0.001	0.002	
13:14	N/A	N/A	0.060	0.002	
13:15	N/A	N/A	0.029	0.006	
13:16	N/A	N/A	0.040	0.008	
13:17	N/A	N/A	0.002	0.010	
13:18	N/A	N/A	0.003	0.010	
13:19	N/A	N/A	0.001	0.010	
13:20	N/A	N/A	0.004	0.010	
13:21	N/A	N/A	0.001	0.010	
13:22	N/A	N/A	0.001	0.010	
13:23	N/A	N/A	0.001	0.010	
13:24	N/A	N/A	0.004	0.010	
13:25	N/A	N/A	0.008	0.010	
13:26	N/A	N/A	0.005	0.011	
13:27	N/A	N/A	0.001	0.011	
13:28	N/A	N/A	0.002	0.011	
13:29	N/A	N/A	0.001	0.011	
13:30	N/A	N/A	0.002	0.007	
13:31	N/A	N/A	0.003	0.005	
13:32	N/A	N/A	0.041	0.003	
13:33	N/A	N/A	0.004	0.005	
13:34	N/A	N/A	0.003	0.005	
13:35	N/A	N/A	0.003	0.005	
13:36	N/A	N/A	0.002	0.005	
13:37	N/A	N/A	0.004	0.005	
13:38	N/A	N/A	0.002	0.006	
13:39	N/A	N/A	0.003	0.006	
13:40	N/A	N/A	0.002	0.006	
13:41	N/A	N/A	0.001	0.005	
13:42	N/A	N/A	0.001	0.005	
13:43	N/A	N/A	0.001	0.005	
13:44	N/A	N/A	0.001	0.005	
13:45	N/A	N/A	0.001	0.005	
13:46	N/A	N/A	0.003	0.005	
13:47	N/A	N/A	0.001	0.005	
13:48	N/A	N/A	0.001	0.002	
13:49	N/A	N/A	0.001	0.002	
13:50	N/A	N/A	0.002	0.002	
13:51	N/A	N/A	0.004	0.002	
13:52	N/A	N/A	0.002	0.002	
13:53	N/A	N/A	0.006	0.002	
13:54	N/A	N/A	0.044	0.002	
13:55	N/A	N/A	0.001	0.005	
13:56	N/A	N/A	0.000	0.005	
13:57	N/A	N/A	0.001	0.005	
13:58	N/A	N/A	0.000	0.005	
13:59	N/A	N/A	0.001	0.005	
14:00	N/A	N/A	0.000	0.005	
14:01	N/A	N/A	0.001	0.004	
14:02	N/A	N/A	0.000	0.004	
14:03	N/A	N/A	0.001	0.004	
14:04	N/A	N/A	0.001	0.004	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
14:05	N/A	N/A	0.004	0.004	
14:06	N/A	N/A	0.006	0.004	
14:07	N/A	N/A	0.003	0.005	
14:08	N/A	N/A	0.013	0.005	
14:09	N/A	N/A	0.010	0.005	
14:10	N/A	N/A	0.002	0.003	
14:11	N/A	N/A	0.004	0.003	
14:12	N/A	N/A	0.028	0.003	
14:13	N/A	N/A	0.005	0.005	
14:14	N/A	N/A	0.002	0.005	
14:15	N/A	N/A	0.005	0.005	
14:16	N/A	N/A	0.012	0.006	
14:17	N/A	N/A	0.003	0.006	
14:18	N/A	N/A	0.001	0.007	
14:19	N/A	N/A	0.002	0.007	
14:20	N/A	N/A	0.001	0.007	
14:21	N/A	N/A	0.006	0.006	
14:22	N/A	N/A	0.001	0.006	
14:23	N/A	N/A	0.001	0.006	
14:24	N/A	N/A	0.002	0.006	
14:25	N/A	N/A	0.051	0.005	
14:26	N/A	N/A	0.005	0.008	
14:27	N/A	N/A	0.001	0.008	
14:28	N/A	N/A	0.001	0.007	
14:29	N/A	N/A	0.003	0.006	
14:30	N/A	N/A	0.002	0.006	Backfilling area alongside building.
14:31	N/A	N/A	0.015	0.006	
14:32	N/A	N/A	0.003	0.006	
14:33	N/A	N/A	0.002	0.006	
14:34	N/A	N/A	0.002	0.006	
14:35	N/A	N/A	0.010	0.006	
14:36	N/A	N/A	0.007	0.007	
14:37	N/A	N/A	0.001	0.007	
14:38	N/A	N/A	0.001	0.007	
14:39	N/A	N/A	0.006	0.007	
14:40	N/A	N/A	0.002	0.007	
14:41	N/A	N/A	0.002	0.004	
14:42	N/A	N/A	0.003	0.004	
14:43	N/A	N/A	0.002	0.004	
14:44	N/A	N/A	0.036	0.004	
14:45	N/A	N/A	0.002	0.006	
14:46	N/A	N/A	0.004	0.006	
14:47	N/A	N/A	0.031	0.006	
14:48	N/A	N/A	0.002	0.007	
14:49	N/A	N/A	0.001	0.007	
14:50	N/A	N/A	0.020	0.007	
14:51	N/A	N/A	0.018	0.008	
14:52	N/A	N/A	0.001	0.009	
14:53	N/A	N/A	0.001	0.009	
14:54	N/A	N/A	0.001	0.009	
14:55	N/A	N/A	0.001	0.008	
14:56	N/A	N/A	0.001	0.008	
14:57	N/A	N/A	0.001	0.008	
14:58	N/A	N/A	0.001	0.008	
14:59	N/A	N/A	0.026	0.008	
15:00	N/A	N/A	0.001	0.007	
15:01	N/A	N/A	0.002	0.007	
15:02	N/A	N/A	0.001	0.007	
15:03	N/A	N/A	0.003	0.005	
15:04	N/A	N/A	0.003	0.005	
15:05	N/A	N/A	0.002	0.005	
15:06	N/A	N/A	0.010	0.004	
15:07	N/A	N/A	0.002	0.004	
15:08	N/A	N/A	0.002	0.004	
15:09	N/A	N/A	0.002	0.004	
15:10	N/A	N/A	0.011	0.004	
15:11	N/A	N/A	0.003	0.005	
15:12	N/A	N/A	0.004	0.005	
15:13	N/A	N/A	0.002	0.005	
15:14	N/A	N/A	0.009	0.005	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
15:15	N/A	N/A	0.029	0.004	
15:16	N/A	N/A	0.001	0.006	
15:17	N/A	N/A	0.000	0.006	
15:18	N/A	N/A	0.004	0.006	
15:19	N/A	N/A	0.003	0.006	
15:20	N/A	N/A	0.002	0.006	
15:21	N/A	N/A	0.003	0.006	
15:22	N/A	N/A	0.002	0.005	
15:23	N/A	N/A	0.003	0.005	
15:24	N/A	N/A	0.002	0.005	
15:25	N/A	N/A	0.004	0.005	
15:26	N/A	N/A	0.004	0.005	
15:27	N/A	N/A	0.004	0.005	
15:28	N/A	N/A	0.042	0.005	
15:29	N/A	N/A	0.005	0.007	
15:30	N/A	N/A	0.002	0.007	
15:31	N/A	N/A	0.002	0.005	
15:32	N/A	N/A	0.003	0.005	
15:33	N/A	N/A	0.002	0.006	
15:34	N/A	N/A	0.002	0.006	
15:35	N/A	N/A	0.002	0.005	
15:36	N/A	N/A	0.002	0.005	
15:37	N/A	N/A	0.010	0.005	
15:38	N/A	N/A	0.002	0.006	
15:39	N/A	N/A	0.001	0.006	
15:40	N/A	N/A	0.003	0.006	
15:41	N/A	N/A	0.005	0.006	
15:42	N/A	N/A	0.001	0.006	
15:43	N/A	N/A	0.001	0.006	
15:44	N/A	N/A	0.001	0.003	
15:45	N/A	N/A	0.685	0.003	
15:46	N/A	N/A	0.002	0.048	
15:47	N/A	N/A	0.005	0.048	
15:48	N/A	N/A	0.390	0.048	
15:49	N/A	N/A	0.043	0.074	
15:50	N/A	N/A	0.003	0.077	
15:51	N/A	N/A	0.005	0.077	
15:52	N/A	N/A	0.001	0.077	
15:53	N/A	N/A	0.007	0.077	
15:54	N/A	N/A	0.002	0.077	
15:55	N/A	N/A	0.001	0.077	
15:56	N/A	N/A	0.003	0.077	
15:57	N/A	N/A	0.003	0.077	
15:58	N/A	N/A	0.002	0.077	
15:59	N/A	N/A	0.001	0.077	
16:00	N/A	N/A	0.003	0.077	Wind gusts 16 mph.
16:01	N/A	N/A	0.011	0.031	
16:02	N/A	N/A	0.005	0.032	
16:03	N/A	N/A	0.116	0.032	
16:04	N/A	N/A	0.005	0.014	
16:05	N/A	N/A	0.012	0.011	
16:06	N/A	N/A	0.004	0.012	
16:07	N/A	N/A	0.014	0.012	
16:08	N/A	N/A	0.003	0.013	
16:09	N/A	N/A	0.005	0.012	
16:10	N/A	N/A	0.009	0.013	
16:11	N/A	N/A	0.006	0.013	
16:12	N/A	N/A	0.004	0.013	
16:13	N/A	N/A	0.042	0.013	
16:14	N/A	N/A	0.003	0.016	
16:15	N/A	N/A	0.003	0.016	
16:16	N/A	N/A	0.002	0.016	
16:17	N/A	N/A	0.001	0.016	
16:18	N/A	N/A	0.062	0.015	
16:19	N/A	N/A	0.010	0.012	
16:20	N/A	N/A	0.010	0.012	
16:21	N/A	N/A	0.003	0.012	
16:22	N/A	N/A	0.001	0.012	
16:23	N/A	N/A	0.045	0.011	
16:24	N/A	N/A	0.009	0.014	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
16:25	N/A	N/A	0.001	0.014	
16:26	N/A	N/A	0.091	0.013	
16:27	N/A	N/A	0.001	0.019	
16:28	N/A	N/A	0.001	0.019	
16:29	N/A	N/A	0.001	0.016	
16:30	N/A	N/A	0.009	0.016	
16:31	N/A	N/A	0.002	0.016	
16:32	N/A	N/A	0.003	0.016	
16:33	N/A	N/A	0.004	0.017	
16:34	N/A	N/A	0.003	0.013	
16:35	N/A	N/A	0.002	0.012	
16:36	N/A	N/A	0.004	0.012	
16:37	N/A	N/A	0.003	0.012	
16:38	N/A	N/A	0.011	0.012	
16:39	N/A	N/A	0.003	0.010	
16:40	N/A	N/A	0.002	0.009	
16:41	N/A	N/A	0.003	0.009	
16:42	N/A	N/A	0.003	0.003	
16:43	N/A	N/A	0.002	0.004	
16:44	N/A	N/A	0.010	0.004	
16:45	N/A	N/A	0.005	0.004	Smokers near upwind unit.
16:46	N/A	N/A	0.003	0.004	
16:47	N/A	N/A	0.002	0.004	
16:48	N/A	N/A	0.004	0.004	
16:49	N/A	N/A	0.002	0.004	
16:50	N/A	N/A	0.003	0.004	
16:51	N/A	N/A	0.003	0.004	
16:52	N/A	N/A	0.003	0.004	
16:53	N/A	N/A	0.009	0.004	
16:54	N/A	N/A	0.003	0.004	
16:55	N/A	N/A	0.006	0.004	
16:56	N/A	N/A	0.004	0.004	
16:57	N/A	N/A	0.003	0.004	
16:58	N/A	N/A	0.004	0.004	
16:59	N/A	N/A	0.004	0.004	
17:00	N/A	N/A	0.003	0.004	
17:01	N/A	N/A	0.005	0.004	
17:02	N/A	N/A	0.003	0.004	
17:03	N/A	N/A	0.003	0.004	
17:04	N/A	N/A	0.007	0.004	
17:05	N/A	N/A	0.008	0.004	
17:06	N/A	N/A	0.023	0.005	
17:07	N/A	N/A	0.021	0.006	
17:08	N/A	N/A	0.013	0.007	
17:09	N/A	N/A	0.006	0.007	
17:10	N/A	N/A	0.005	0.008	
17:11	N/A	N/A	0.004	0.007	
17:12	N/A	N/A	0.004	0.007	
17:13	N/A	N/A	0.004	0.008	
17:14	N/A	N/A	0.009	0.008	
17:15	N/A	N/A	0.003	0.008	Smokers in tent.
17:16	N/A	N/A	0.003	0.008	
17:17	N/A	N/A	0.004	0.008	
17:18	N/A	N/A	0.003	0.008	
17:19	N/A	N/A	0.003	0.008	
17:20	N/A	N/A	0.004	0.008	
17:21	N/A	N/A	0.008	0.007	
17:22	N/A	N/A	0.051	0.006	
17:23	N/A	N/A	0.004	0.008	
17:24	N/A	N/A	0.002	0.008	
17:25	N/A	N/A	0.003	0.007	
17:26	N/A	N/A	0.003	0.007	
17:27	N/A	N/A	0.002	0.007	
17:28	N/A	N/A	0.003	0.007	
17:29	N/A	N/A	0.003	0.007	
17:30	N/A	N/A	0.010	0.007	
17:31	N/A	N/A	0.011	0.007	
17:32	N/A	N/A	0.041	0.008	
17:33	N/A	N/A	0.004	0.010	
17:34	N/A	N/A	0.007	0.010	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
17:35	N/A	N/A	0.005	0.010	
17:36	N/A	N/A	0.006	0.010	
17:37	N/A	N/A	0.006	0.010	
17:38	N/A	N/A	0.003	0.007	
17:39	N/A	N/A	0.004	0.007	
17:40	N/A	N/A	0.017	0.007	
17:41	N/A	N/A	0.002	0.008	
17:42	N/A	N/A	0.003	0.008	
17:43	N/A	N/A	0.012	0.008	
17:44	N/A	N/A	0.002	0.009	
17:45	N/A	N/A	0.020	0.009	
17:46	N/A	N/A	0.007	0.010	
17:47	N/A	N/A	0.004	0.009	
17:48	N/A	N/A	0.013	0.007	
17:49	N/A	N/A	0.003	0.007	
17:50	N/A	N/A	0.011	0.007	
17:51	N/A	N/A	0.002	0.008	
17:52	N/A	N/A	0.003	0.007	
17:53	N/A	N/A	0.008	0.007	
17:54	N/A	N/A	0.381	0.007	
17:55	N/A	N/A	0.025	0.033	
17:56	N/A	N/A	0.011	0.033	
17:57	N/A	N/A	0.002	0.034	
17:58	N/A	N/A	0.002	0.034	
17:59	N/A	N/A	0.003	0.033	
18:00	N/A	N/A	0.003	0.033	
18:01	N/A	N/A	0.002	0.032	
18:02	N/A	N/A	0.002	0.032	
18:03	N/A	N/A	0.004	0.031	
18:04	N/A	N/A	0.004	0.031	
18:05	N/A	N/A	0.003	0.031	
18:06	N/A	N/A	0.002	0.030	
18:07	N/A	N/A	0.002	0.030	
18:08	N/A	N/A	0.003	0.030	Upwind unit dies.
18:09	N/A	N/A	0.006	0.030	
18:10	N/A	N/A	0.005	0.005	
18:11	N/A	N/A	0.002	0.004	
18:12	N/A	N/A	0.001	0.003	
18:13	N/A	N/A	0.001	0.003	
18:14	N/A	N/A	0.014	0.003	
18:15	N/A	N/A	0.000	0.004	
18:16	N/A	N/A	0.006	0.003	
18:17	N/A	N/A	0.002	0.004	
18:18	N/A	N/A	0.001	0.004	
18:19	N/A	N/A	0.000	0.003	
18:20	N/A	N/A	0.000	0.003	
18:21	N/A	N/A	-0.001	0.003	
18:22	N/A	N/A	0.002	0.003	
18:23	N/A	N/A	-0.001	0.003	
18:24	N/A	N/A	0.000	0.003	
18:25	N/A	N/A	0.001	0.002	End earthwork at 1845. Downwind unit battery dies.

See last page for notes.

Notes:

1. The 15-minute running average particulate level and VOC concentrations are monitored per Appendix 1A of DER Particulate levels monitored with a DustTrak Model 8530.
2. VOC concentrations monitored with a RAE Systems minRAE3000 at downwind position and at work zone during excavation activities. VOC readings were not taken at upwind locations or at either location during backfilling activities as per NYSDEC approval for modified CAMP. See Appendix E.3
3. Instantaneous particulate level and VOC concentration are monitored to give early warning of any potential issues.
4. The 15-minute running average particulate level and VOC concentrations are monitored per Appendix 1A of DER-10 during implementation of the Community Air Monitoring Plan (CAMP).
5. Blank particulate or PID fields represent times when, though the units were continuously monitoring, telemetry did not transmit data. Despite gaps in telemetry data, CAMP data monitoring is continuous and the data recording is still at a frequency that is higher than the requirements of DER-10
6. Cells highlighted in red indicate exceedances for the action level (100 mcg/m^3) as detailed in Appendix E of the NYSDEC-approved Stantec RAWP (2020).

Key:

mg/m^3 = milligrams per cubic meter
PID = photoionization detector
ppm = parts per million
VOC = volatile organic compound
N/A = not applicable

4/16/2024

REFERENCES:

LIBER 11202 OF DEEDS, PAGE 180

ABSTRACT OF TITLE PREPARED BY FRONTIER ABSTRACT AND RESEARCH SERVICES INC. SEARCH #5064-32, DATED DECEMBER 11, 2007.

BOUNDARY LINE AGREEMENT, LIBER 10555 OF DEEDS, PAGE 474.

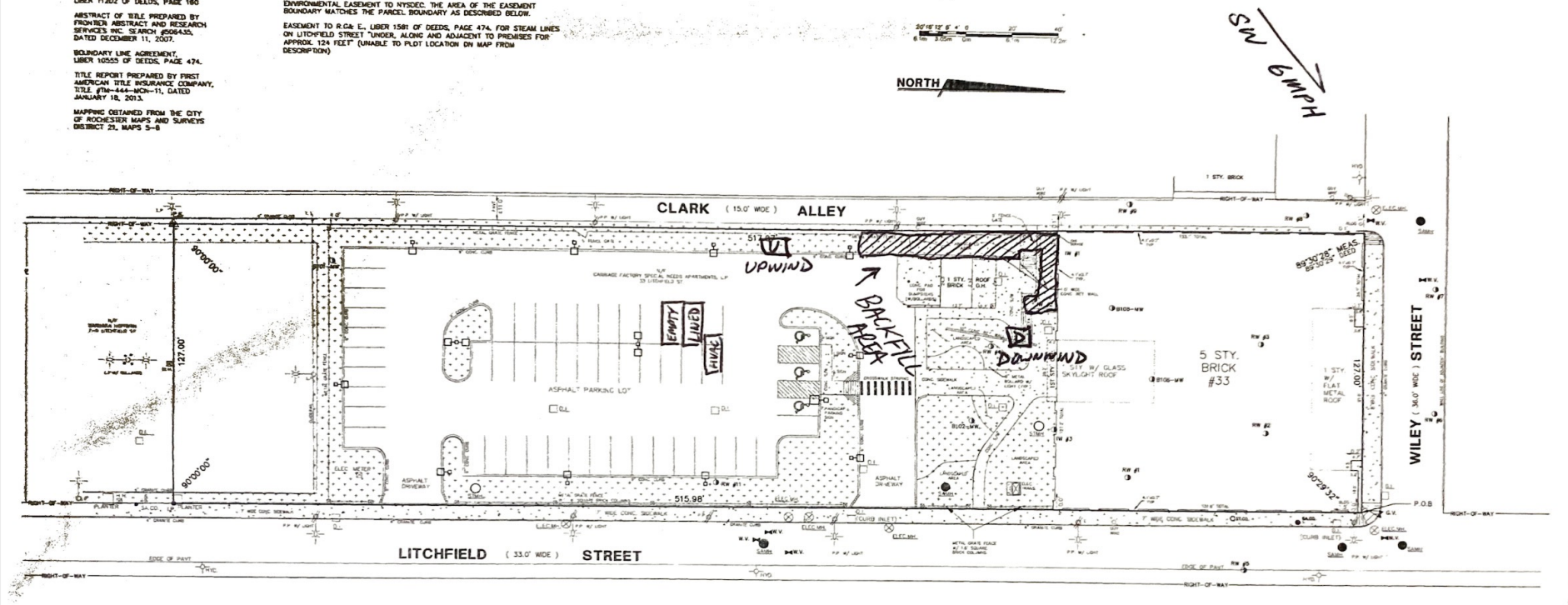
TITLE REPORT PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, TITLE #TN-444-MCN-11, DATED JANUARY 18, 2013.

MAPPING OBTAINED FROM THE CITY OF ROCHESTER MAPS AND SURVEYS DISTRICT 25, MAPS 5-8

EASEMENTS:

ENVIRONMENTAL EASEMENT TO NYSDEC. THE AREA OF THE EASEMENT BOUNDARY MATCHES THE PARCEL BOUNDARY AS DESCRIBED BELOW.

EASEMENT TO R.G.& E., LIBER 1581 OF DEEDS, PAGE 474, FOR STEAM LINES ON LITCHFIELD STREET UNDER, ALONG AND ADJACENT TO PREMISES FOR APPROX. 124 FEET (UNABLE TO PLOT LOCATION ON MAP FROM DESCRIPTION)



ENGINEERING CONTROLS:

SYMBOL	DESCRIPTION
	AREAS WITH CONCRETE CAP
	AREAS WITH ASPHALT CAP
	AREAS OF GRASS AND/OR LANDSCAPING

LEGEND:

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SIGN		CURB
	LIGHT POLE		CURB TRANSITION (CURB-CU")
	LIGHT POLE	W.V.	WATER VALVE
	POWER POLE	HYD.	FIRE HYDRANT
####	MONITORING WELL LOCATIONS	G.V.	GAS VALVE
SAMH	SANITARY MANHOLE		STAIRS OR HANDICAP RAMP
STMH	STORM MANHOLE	SA.CO.	SANITARY CLEANOUT
ELEC.MH.	ELECTRIC/UTILITY MANHOLE	ST.CO.	STORM CLEANOUT

PARCEL AND ENVIRONMENTAL EASEMENT LEGAL DESCRIPTION:

ALL THAT TRACT OR PARCEL OF LAND SITUATE IN THE CITY OF ROCHESTER, COUNTY OF MONROE AND STATE OF NEW YORK, BEING PART OF THE BUSH AND KING TRACT, SO CALLED, KNOWN AND DESCRIBED AS FOLLOWS:

COMMENCING AT THE POINT OF INTERSECTION OF THE WESTERLY LINE OF LITCHFIELD STREET (33 FEET WIDE) AND THE SOUTHERLY LINE OF WILEY STREET (36 FEET WIDE) AND RUNNING THE FOLLOWING COURSES AS DESCRIBED IN A DEED FILED IN THE MONROE COUNTY CLERKS OFFICE, LIBER 10555 OF DEEDS, PAGE 478.

THENCE 1) WESTERLY, ALONG THE SOUTHERLY LINE OF WILEY STREET, A DISTANCE OF 127.00 FEET TO A POINT WHERE THE SOUTHERLY LINE OF WILEY STREET INTERSECTS THE EASTERLY LINE OF CLARK ALLEY,

THENCE 2) SOUTHERLY, AT AN INTERIOR ANGLE OF 89°-30'-28" (SHOWN AS

ENVIRONMENTAL REMEDIATION SYSTEM NOTES:

1. OPERATING REMEDIATION SYSTEMS IN PLACE WITHIN THE SITE BUILDING BUT NOT SHOWN ON THIS SURVEY PLAN INCLUDE
   a) A VAPOR INTRUSION SUB-SLAB DEPRESSURIZATION SYSTEM (SSDS);
   b) A BASEMENT ELEVATOR SUMP SYSTEM, AND
   c) A GROUNDWATER INJECTION PIPING SYSTEM.
   AS-BUILT DETAILS FOR EACH OF THESE SYSTEMS ARE PROVIDED IN THE FORMER CARRIAGE FACTORY, MONROE COUNTY, NEW YORK, SITE MANAGEMENT PLAN, NYSDEC SITE NUMBER: C828184 (SMP). THE FOLLOWING SMP FIGURES PROVIDE DETAILS.
   FIGURE 7A

NY UNAUTHORIZED ALTERATION OR ADDITION TO THIS MAP IS A VIOLATION OF ARTICLE 145, SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.

Stantec

CAMP Field Notes

Name: S. RIFE

Date: 4/16/2024

Project: Former Carriage Factory Site

Weather conditions: SUNNY 45-55°F, SW 6 MPH

Estimated wind speed: (calm, moderate, strong):

Equipment		
	Upwind/Work	Downwind
PID (10.6 eV)	STN 1	STN 1
Dusttrak	STN 1	STN 2

Work Location	Wind Direction*	TIME	UPGRADIENT		DOWNGRADIENT		WORK AREA	Notes (discuss any exceedances noted, any visible dust, other conditions of note, etc.)
			DUST (mg/m3)	VOC (ppm)	DUST (mg/m3)	VOC (ppm)	VOC (ppm)	
	SW	0900	0.013	-	0.001	0.0		#2 STONE BACKFILL OF DRAINAGE TILE
		0915	0.011	-	0.001	0.0		
		0930	0.008	-	0.008	0.0		
		0945	0.008	-	0.000	0.0		
		1000	0.004	-	0.013	0.0		
		1015	0.003	-	0.002	0.0		BACKFILL W/ ROLL-OFF SOILS BEGINS
		1030	0.002	-	0.001	0.0		
		1045	0.003	-	0.001	0.0		
		1100	0.006	-	0.003	0.0		
		1115	0.000	-	0.005	0.1		
		1130	0.002	-	0.009	0.0		
		1145	0.003	-	0.006	0.0		RE-ZERO UPWIND UNIT - NEGATIVE READINGS OBSERVED
		1200	0.016	-	0.015	0.0		
		1215	0.013	-	0.014	0.0		
		1230	0.013	-	0.010	0.0		
		1245	0.014	-	0.009	0.0		
		1300	0.014	-	0.006	0.0		
		1315	0.018	-	0.019	0.0		

*Wind direction is reported as the direction from which it originates

Stantec

CAMP Field Notes

Name: S. RIFE

Date: 4/16/2024

Project: Former Carriage Factory Site

Weather conditions: SEE PREVIOUS

Estimated wind speed (calm, moderate, strong):

Equipment		
	Upwind/Work	Downwind
PID (10.6 eV)	STN 1	STN 1
Dusttrak	STN 1	STN 2

Work Location	Wind Direction*	TIME	UPGRADIENT		DOWNGRADIENT		WORK AREA	Notes (discuss any exceedances noted, any visible dust, other conditions of note, etc.)
			DUST (mg/m3)	VOC (ppm)	DUST (mg/m3)	VOC (ppm)	VOC (ppm)	
		1330	0.012	–	0.008	0.0		
		1345	0.013	–	0.008	0.0		
		1400	0.012	–	0.007	0.0		
		1415	0.013	–	0.007	0.0		
		1430	0.019	–	0.006	0.1		
		1445	0.012	–	0.006	0.0		
		1500	0.015	–	0.014	0.0		
		1515	0.017	–	0.014	0.0		
		1530	0.014	–	0.006	0.0		
		1545	0.016	–	0.004	0.0		
		1600	0.016	–	0.009	0.4		RESIDENT SMOKING IN VICINITY OF DOWNWIND STATION
		1615	0.013	–	0.011	0.0		
		1630	0.008	–	0.008	0.0		
		1645	0.009	–	0.003	0.0		
		1700	0.016	–	0.003	0.0		
		1715	0.020	–	0.009	0.0		
		1730	0.017	–	0.003	0.0		
		1745	0.020	–	0.003	0.0		

*Wind direction is reported as the direction from which it originates

Stantec

CAMP Field Notes

Name: S. RIFE

Date: 4/16/2024

Project: Former Carriage Factory Site

Weather conditions: SEE PREVIOUS

Estimated wind speed (calm, moderate, strong):

Equipment		
	Upwind/Work	Downwind
PID (10.6 eV)	STN 1	STN 1
Dusttrak	STN 1	STN 2

Work Location	Wind Direction*	TIME	UPGRADIENT		DOWNGRADIENT		WORK AREA	Notes (discuss any exceedances noted, any visible dust, other conditions of note, etc.)
			DUST (mg/m3)	VOC (ppm)	DUST (mg/m3)	VOC (ppm)	VOC (ppm)	
		1800	0.016	-	0.004	0.0		
		1815	0.015	-	0.003	0.0		
		1830	-	-	-	-		EARTHWORK CONCLUDED

*Wind direction is reported as the direction from which it originates

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
9:00	N/A	N/A	0.013		Wind SW 6 mph. #2 stone backfill of drainage tile.
9:01	N/A	N/A	0.011		
9:02	N/A	N/A	0.010		
9:03	N/A	N/A	0.011		
9:04	N/A	N/A	0.012		
9:05	N/A	N/A	0.013		
9:06	N/A	N/A	0.012		
9:07	N/A	N/A	0.010		
9:08	N/A	N/A	0.011		
9:09	N/A	N/A	0.010		
9:10	N/A	N/A	0.010		
9:11	N/A	N/A	0.012		
9:12	N/A	N/A	0.012		
9:13	N/A	N/A	0.010		
9:14	N/A	N/A	0.010		
9:15	N/A	N/A	0.011	0.011	
9:16	N/A	N/A	0.008	0.011	
9:17	N/A	N/A	0.010	0.011	
9:18	N/A	N/A	0.010	0.011	
9:19	N/A	N/A	0.009	0.011	
9:20	N/A	N/A	0.009	0.011	
9:21	N/A	N/A	0.008	0.010	
9:22	N/A	N/A	0.021	0.010	
9:23	N/A	N/A	0.057	0.011	
9:24	N/A	N/A	0.067	0.014	
9:25	N/A	N/A	0.051	0.018	
9:26	N/A	N/A	0.016	0.020	
9:27	N/A	N/A	0.011	0.021	
9:28	N/A	N/A	0.009	0.021	
9:29	N/A	N/A	0.009	0.020	
9:30	N/A	N/A	0.008	0.020	
9:31	N/A	N/A	0.008	0.020	
9:32	N/A	N/A	0.008	0.020	
9:33	N/A	N/A	0.010	0.020	
9:34	N/A	N/A	0.007	0.020	
9:35	N/A	N/A	0.009	0.020	
9:36	N/A	N/A	0.007	0.020	
9:37	N/A	N/A	0.008	0.020	
9:38	N/A	N/A	0.009	0.019	
9:39	N/A	N/A	0.008	0.016	
9:40	N/A	N/A	0.007	0.012	
9:41	N/A	N/A	0.009	0.009	
9:42	N/A	N/A	0.010	0.008	
9:43	N/A	N/A	0.009	0.008	
9:44	N/A	N/A	0.009	0.008	
9:45	N/A	N/A	0.008	0.008	
9:46	N/A	N/A	0.008	0.008	
9:47	N/A	N/A	0.007	0.008	
9:48	N/A	N/A	0.008	0.008	
9:49	N/A	N/A	0.010	0.008	
9:50	N/A	N/A	0.008	0.008	
9:51	N/A	N/A	0.008	0.008	
9:52	N/A	N/A	0.005	0.008	
9:53	N/A	N/A	0.006	0.008	
9:54	N/A	N/A	0.005	0.008	
9:55	N/A	N/A	0.007	0.008	
9:56	N/A	N/A	0.005	0.008	
9:57	N/A	N/A	0.008	0.008	
9:58	N/A	N/A	0.006	0.007	
9:59	N/A	N/A	0.004	0.007	
10:00	N/A	N/A	0.004	0.007	
10:01	N/A	N/A	0.008	0.007	
10:02	N/A	N/A	0.005	0.007	
10:03	N/A	N/A	0.003	0.006	
10:04	N/A	N/A	0.004	0.006	
10:05	N/A	N/A	0.005	0.006	
10:06	N/A	N/A	0.002	0.006	
10:07	N/A	N/A	0.004	0.005	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
10:08	N/A	N/A	0.006	0.005	
10:09	N/A	N/A	0.004	0.005	
10:10	N/A	N/A	0.004	0.005	
10:11	N/A	N/A	0.004	0.005	
10:12	N/A	N/A	0.004	0.005	
10:13	N/A	N/A	0.005	0.004	
10:14	N/A	N/A	0.004	0.004	
10:15	N/A	N/A	0.003	0.004	Backfill will roll-off soils begins.
10:16	N/A	N/A	0.007	0.004	
10:17	N/A	N/A	0.004	0.004	
10:18	N/A	N/A	0.003	0.004	
10:19	N/A	N/A	0.003	0.004	
10:20	N/A	N/A	0.002	0.004	
10:21	N/A	N/A	0.003	0.004	
10:22	N/A	N/A	0.002	0.004	
10:23	N/A	N/A	0.003	0.004	
10:24	N/A	N/A	0.004	0.004	
10:25	N/A	N/A	0.004	0.004	
10:26	N/A	N/A	0.005	0.004	
10:27	N/A	N/A	0.002	0.004	
10:28	N/A	N/A	0.003	0.004	
10:29	N/A	N/A	0.003	0.003	
10:30	N/A	N/A	0.002	0.003	
10:31	N/A	N/A	0.004	0.003	
10:32	N/A	N/A	0.002	0.003	
10:33	N/A	N/A	0.003	0.003	
10:34	N/A	N/A	0.003	0.003	
10:35	N/A	N/A	0.003	0.003	
10:36	N/A	N/A	0.004	0.003	
10:37	N/A	N/A	0.007	0.003	
10:38	N/A	N/A	0.005	0.003	
10:39	N/A	N/A	0.004	0.004	
10:40	N/A	N/A	0.001	0.004	
10:41	N/A	N/A	0.001	0.003	
10:42	N/A	N/A	0.002	0.003	
10:43	N/A	N/A	0.001	0.003	
10:44	N/A	N/A	0.003	0.003	
10:45	N/A	N/A	0.003	0.003	
10:46	N/A	N/A	0.003	0.003	
10:47	N/A	N/A	0.003	0.003	
10:48	N/A	N/A	0.002	0.003	
10:49	N/A	N/A	0.003	0.003	
10:50	N/A	N/A	0.001	0.003	
10:51	N/A	N/A	0.001	0.003	
10:52	N/A	N/A	0.003	0.003	
10:53	N/A	N/A	0.002	0.002	
10:54	N/A	N/A	0.002	0.002	
10:55	N/A	N/A	0.001	0.002	
10:56	N/A	N/A	0.003	0.002	
10:57	N/A	N/A	0.003	0.002	
10:58	N/A	N/A	0.001	0.002	
10:59	N/A	N/A	0.001	0.002	
11:00	N/A	N/A	0.006	0.002	
11:01	N/A	N/A	0.003	0.002	
11:02	N/A	N/A	0.001	0.002	
11:03	N/A	N/A	0.001	0.002	
11:04	N/A	N/A	0.001	0.002	
11:05	N/A	N/A	0.001	0.002	
11:06	N/A	N/A	0.001	0.002	
11:07	N/A	N/A	0.001	0.002	
11:08	N/A	N/A	0.002	0.002	
11:09	N/A	N/A	0.001	0.002	
11:10	N/A	N/A	0.001	0.002	
11:11	N/A	N/A	0.000	0.002	
11:12	N/A	N/A	0.000	0.002	
11:13	N/A	N/A	0.005	0.001	
11:14	N/A	N/A	0.001	0.002	
11:15	N/A	N/A	0.000	0.002	
11:16	N/A	N/A	0.000	0.001	
11:17	N/A	N/A	0.001	0.001	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
11:18	N/A	N/A	0.001	0.001	
11:19	N/A	N/A	0.001	0.001	
11:20	N/A	N/A	0.000	0.001	
11:21	N/A	N/A	0.000	0.001	
11:22	N/A	N/A	0.002	0.001	
11:23	N/A	N/A	0.002	0.001	
11:24	N/A	N/A	0.008	0.001	
11:25	N/A	N/A	0.007	0.001	
11:26	N/A	N/A	0.002	0.002	
11:27	N/A	N/A	0.000	0.002	
11:28	N/A	N/A	0.000	0.002	
11:29	N/A	N/A	0.001	0.002	
11:30	N/A	N/A	0.002	0.002	
11:31	N/A	N/A	0.000	0.002	
11:32	N/A	N/A	0.003	0.002	
11:33	N/A	N/A	0.003	0.002	
11:34	N/A	N/A	0.005	0.002	
11:35	N/A	N/A	-0.001	0.002	
11:36	N/A	N/A	0.000	0.002	
11:37	N/A	N/A	0.015	0.002	
11:38	N/A	N/A	-0.002	0.003	
11:39	N/A	N/A	-0.003	0.003	Re-zero upwind unit negative readings observe
11:47	N/A	N/A	-0.043	0.002	
11:48	N/A	N/A	-0.083	-0.001	
11:49	N/A	N/A	-0.090	-0.007	
11:51	N/A	N/A	0.029	-0.013	
11:52	N/A	N/A	0.010	-0.011	
11:53	N/A	N/A	0.014	-0.010	
11:54	N/A	N/A	0.015	-0.010	
11:55	N/A	N/A	0.016	-0.009	
11:56	N/A	N/A	0.018	-0.008	
11:57	N/A	N/A	0.017	-0.007	
11:58	N/A	N/A	0.012	-0.006	
11:59	N/A	N/A	0.015	-0.005	
12:00	N/A	N/A	0.016	-0.004	
12:01	N/A	N/A	0.017	-0.004	
12:02	N/A	N/A	0.015	-0.003	
12:03	N/A	N/A	0.013	-0.001	
12:04	N/A	N/A	0.014	0.002	
12:05	N/A	N/A	0.014	0.009	
12:06	N/A	N/A	0.012	0.016	
12:07	N/A	N/A	0.016	0.015	
12:08	N/A	N/A	0.014	0.015	
12:09	N/A	N/A	0.012	0.015	
12:10	N/A	N/A	0.017	0.015	
12:11	N/A	N/A	0.011	0.015	
12:12	N/A	N/A	0.015	0.014	
12:13	N/A	N/A	0.013	0.014	
12:14	N/A	N/A	0.015	0.014	
12:15	N/A	N/A	0.013	0.014	
12:16	N/A	N/A	0.013	0.014	
12:17	N/A	N/A	0.011	0.014	
12:18	N/A	N/A	0.011	0.014	
12:19	N/A	N/A	0.012	0.013	
12:20	N/A	N/A	0.012	0.013	
12:21	N/A	N/A	0.013	0.013	
12:22	N/A	N/A	0.013	0.013	
12:23	N/A	N/A	0.017	0.013	
12:24	N/A	N/A	0.013	0.013	
12:25	N/A	N/A	0.013	0.013	
12:26	N/A	N/A	0.013	0.013	
12:27	N/A	N/A	0.013	0.013	
12:28	N/A	N/A	0.015	0.013	
12:29	N/A	N/A	0.014	0.013	
12:30	N/A	N/A	0.013	0.013	
12:31	N/A	N/A	0.015	0.013	
12:32	N/A	N/A	0.017	0.013	
12:33	N/A	N/A	0.013	0.014	
12:34	N/A	N/A	0.014	0.014	
12:35	N/A	N/A	0.019	0.014	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
12:36	N/A	N/A	0.012	0.014	
12:37	N/A	N/A	0.013	0.014	
12:38	N/A	N/A	0.013	0.014	
12:39	N/A	N/A	0.013	0.014	
12:40	N/A	N/A	0.012	0.014	
12:41	N/A	N/A	0.013	0.014	
12:42	N/A	N/A	0.012	0.014	
12:43	N/A	N/A	0.014	0.014	
12:44	N/A	N/A	0.017	0.014	
12:45	N/A	N/A	0.014	0.014	
12:46	N/A	N/A	0.015	0.014	
12:47	N/A	N/A	0.022	0.014	
12:48	N/A	N/A	0.013	0.014	
12:49	N/A	N/A	0.013	0.014	
12:50	N/A	N/A	0.014	0.014	
12:51	N/A	N/A	0.013	0.014	
12:52	N/A	N/A	0.013	0.014	
12:53	N/A	N/A	0.012	0.014	
12:54	N/A	N/A	0.015	0.014	
12:55	N/A	N/A	0.015	0.014	
12:56	N/A	N/A	0.016	0.014	
12:57	N/A	N/A	0.014	0.015	
12:58	N/A	N/A	0.014	0.015	
12:59	N/A	N/A	0.015	0.015	
13:00	N/A	N/A	0.014	0.015	
13:01	N/A	N/A	0.014	0.015	
13:02	N/A	N/A	0.017	0.014	
13:03	N/A	N/A	0.017	0.014	
13:04	N/A	N/A	0.017	0.014	
13:05	N/A	N/A	0.017	0.015	
13:06	N/A	N/A	0.013	0.015	
13:07	N/A	N/A	0.014	0.015	
13:08	N/A	N/A	0.013	0.015	
13:09	N/A	N/A	0.014	0.015	
13:10	N/A	N/A	0.015	0.015	
13:11	N/A	N/A	0.015	0.015	
13:12	N/A	N/A	0.015	0.015	
13:13	N/A	N/A	0.014	0.015	
13:14	N/A	N/A	0.015	0.015	
13:15	N/A	N/A	0.018	0.015	
13:16	N/A	N/A	0.013	0.015	
13:17	N/A	N/A	0.014	0.015	
13:18	N/A	N/A	0.017	0.015	
13:19	N/A	N/A	0.015	0.015	
13:20	N/A	N/A	0.015	0.015	
13:21	N/A	N/A	0.019	0.015	
13:22	N/A	N/A	0.015	0.015	
13:23	N/A	N/A	0.016	0.015	
13:24	N/A	N/A	0.013	0.015	
13:25	N/A	N/A	0.012	0.015	
13:26	N/A	N/A	0.015	0.015	
13:27	N/A	N/A	0.013	0.015	
13:28	N/A	N/A	0.012	0.015	
13:29	N/A	N/A	0.013	0.015	
13:30	N/A	N/A	0.012	0.015	
13:31	N/A	N/A	0.016	0.014	
13:32	N/A	N/A	0.013	0.014	
13:33	N/A	N/A	0.014	0.014	
13:34	N/A	N/A	0.012	0.014	
13:35	N/A	N/A	0.012	0.014	
13:36	N/A	N/A	0.016	0.014	
13:37	N/A	N/A	0.012	0.014	
13:38	N/A	N/A	0.011	0.013	
13:39	N/A	N/A	0.012	0.013	
13:40	N/A	N/A	0.016	0.013	
13:41	N/A	N/A	0.018	0.013	
13:42	N/A	N/A	0.016	0.013	
13:43	N/A	N/A	0.015	0.014	
13:44	N/A	N/A	0.015	0.014	
13:45	N/A	N/A	0.013	0.014	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
13:46	N/A	N/A	0.010	0.014	
13:47	N/A	N/A	0.014	0.014	
13:48	N/A	N/A	0.015	0.014	
13:49	N/A	N/A	0.014	0.014	
13:50	N/A	N/A	0.020	0.014	
13:51	N/A	N/A	0.013	0.014	
13:52	N/A	N/A	0.014	0.014	
13:53	N/A	N/A	0.015	0.014	
13:54	N/A	N/A	0.015	0.015	
13:55	N/A	N/A	0.013	0.015	
13:56	N/A	N/A	0.016	0.015	
13:57	N/A	N/A	0.015	0.015	
13:58	N/A	N/A	0.013	0.014	
13:59	N/A	N/A	0.015	0.014	
14:00	N/A	N/A	0.012	0.014	
14:01	N/A	N/A	0.018	0.014	
14:02	N/A	N/A	0.015	0.015	
14:03	N/A	N/A	0.018	0.015	
14:04	N/A	N/A	0.015	0.015	
14:05	N/A	N/A	0.012	0.015	
14:06	N/A	N/A	0.014	0.015	
14:07	N/A	N/A	0.011	0.015	
14:08	N/A	N/A	0.013	0.014	
14:09	N/A	N/A	0.015	0.014	
14:10	N/A	N/A	0.012	0.014	
14:11	N/A	N/A	0.014	0.014	
14:12	N/A	N/A	0.017	0.014	
14:13	N/A	N/A	0.013	0.014	
14:14	N/A	N/A	0.013	0.014	
14:15	N/A	N/A	0.013	0.014	
14:16	N/A	N/A	0.013	0.014	
14:17	N/A	N/A	0.012	0.014	
14:18	N/A	N/A	0.014	0.014	
14:19	N/A	N/A	0.014	0.013	
14:20	N/A	N/A	0.014	0.013	
14:21	N/A	N/A	0.013	0.013	
14:22	N/A	N/A	0.016	0.013	
14:23	N/A	N/A	0.016	0.014	
14:24	N/A	N/A	0.014	0.014	
14:25	N/A	N/A	0.016	0.014	
14:26	N/A	N/A	0.015	0.014	
14:27	N/A	N/A	0.015	0.014	
14:28	N/A	N/A	0.014	0.014	
14:29	N/A	N/A	0.013	0.014	
14:30	N/A	N/A	0.019	0.014	
14:31	N/A	N/A	0.018	0.015	
14:32	N/A	N/A	0.016	0.015	
14:33	N/A	N/A	0.013	0.015	
14:34	N/A	N/A	0.014	0.015	
14:35	N/A	N/A	0.014	0.015	
14:36	N/A	N/A	0.025	0.015	
14:37	N/A	N/A	0.021	0.016	
14:38	N/A	N/A	0.016	0.016	
14:39	N/A	N/A	0.015	0.016	
14:40	N/A	N/A	0.016	0.016	
14:41	N/A	N/A	0.017	0.016	
14:42	N/A	N/A	0.014	0.016	
14:43	N/A	N/A	0.013	0.016	
14:44	N/A	N/A	0.014	0.016	
14:45	N/A	N/A	0.012	0.016	
14:46	N/A	N/A	0.015	0.016	
14:47	N/A	N/A	0.012	0.016	
14:48	N/A	N/A	0.015	0.015	
14:49	N/A	N/A	0.013	0.016	
14:50	N/A	N/A	0.014	0.015	
14:51	N/A	N/A	0.015	0.015	
14:52	N/A	N/A	0.011	0.015	
14:53	N/A	N/A	0.014	0.014	
14:54	N/A	N/A	0.016	0.014	
14:55	N/A	N/A	0.016	0.014	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
14:56	N/A	N/A	0.016	0.014	
14:57	N/A	N/A	0.014	0.014	
14:58	N/A	N/A	0.014	0.014	
14:59	N/A	N/A	0.015	0.014	
15:00	N/A	N/A	0.015	0.014	
15:01	N/A	N/A	0.015	0.014	
15:02	N/A	N/A	0.018	0.014	
15:03	N/A	N/A	0.015	0.015	
15:04	N/A	N/A	0.016	0.015	
15:05	N/A	N/A	0.015	0.015	
15:06	N/A	N/A	0.016	0.015	
15:07	N/A	N/A	0.016	0.015	
15:08	N/A	N/A	0.015	0.015	
15:09	N/A	N/A	0.015	0.015	
15:10	N/A	N/A	0.017	0.015	
15:11	N/A	N/A	0.019	0.015	
15:12	N/A	N/A	0.014	0.016	
15:13	N/A	N/A	0.015	0.016	
15:14	N/A	N/A	0.022	0.016	
15:15	N/A	N/A	0.017	0.016	
15:16	N/A	N/A	0.019	0.016	
15:17	N/A	N/A	0.016	0.017	
15:18	N/A	N/A	0.017	0.016	
15:19	N/A	N/A	0.016	0.017	
15:20	N/A	N/A	0.015	0.017	
15:21	N/A	N/A	0.018	0.017	
15:22	N/A	N/A	0.015	0.017	
15:23	N/A	N/A	0.014	0.017	
15:24	N/A	N/A	0.020	0.017	
15:25	N/A	N/A	0.019	0.017	
15:26	N/A	N/A	0.018	0.017	
15:27	N/A	N/A	0.016	0.017	
15:28	N/A	N/A	0.015	0.017	
15:29	N/A	N/A	0.016	0.017	
15:30	N/A	N/A	0.014	0.017	
15:31	N/A	N/A	0.016	0.017	
15:32	N/A	N/A	0.014	0.016	
15:33	N/A	N/A	0.014	0.016	
15:34	N/A	N/A	0.016	0.016	
15:35	N/A	N/A	0.015	0.016	
15:36	N/A	N/A	0.021	0.016	
15:37	N/A	N/A	0.018	0.016	
15:38	N/A	N/A	0.016	0.016	
15:39	N/A	N/A	0.019	0.017	
15:40	N/A	N/A	0.013	0.016	
15:41	N/A	N/A	0.013	0.016	
15:42	N/A	N/A	0.017	0.016	
15:43	N/A	N/A	0.014	0.016	
15:44	N/A	N/A	0.015	0.016	
15:45	N/A	N/A	0.016	0.016	
15:46	N/A	N/A	0.018	0.016	
15:47	N/A	N/A	0.015	0.016	
15:48	N/A	N/A	0.016	0.016	
15:49	N/A	N/A	0.014	0.016	
15:50	N/A	N/A	0.015	0.016	
15:51	N/A	N/A	0.016	0.016	
15:52	N/A	N/A	0.013	0.016	
15:53	N/A	N/A	0.012	0.015	
15:54	N/A	N/A	0.012	0.015	
15:55	N/A	N/A	0.015	0.015	
15:56	N/A	N/A	0.015	0.015	
15:57	N/A	N/A	0.014	0.015	
15:58	N/A	N/A	0.016	0.015	
15:59	N/A	N/A	0.014	0.015	
16:00	N/A	N/A	0.016	0.015	Resident smoking in vicinity of downwind statior
16:01	N/A	N/A	0.013	0.015	
16:02	N/A	N/A	0.017	0.014	
16:03	N/A	N/A	0.016	0.015	
16:04	N/A	N/A	0.015	0.015	
16:05	N/A	N/A	0.014	0.015	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
16:06	N/A	N/A	0.015	0.015	
16:07	N/A	N/A	0.015	0.014	
16:08	N/A	N/A	0.019	0.015	
16:09	N/A	N/A	0.015	0.015	
16:10	N/A	N/A	0.015	0.015	
16:11	N/A	N/A	0.015	0.015	
16:12	N/A	N/A	0.015	0.015	
16:13	N/A	N/A	0.016	0.015	
16:14	N/A	N/A	0.014	0.015	
16:15	N/A	N/A	0.013	0.015	
16:16	N/A	N/A	0.014	0.015	
16:17	N/A	N/A	0.016	0.015	
16:18	N/A	N/A	0.012	0.015	
16:19	N/A	N/A	0.012	0.015	
16:20	N/A	N/A	0.013	0.015	
16:21	N/A	N/A	0.013	0.015	
16:22	N/A	N/A	0.011	0.014	
16:23	N/A	N/A	0.011	0.014	
16:24	N/A	N/A	0.008	0.014	
16:25	N/A	N/A	0.008	0.013	
16:26	N/A	N/A	0.007	0.013	
16:27	N/A	N/A	0.008	0.012	
16:28	N/A	N/A	0.008	0.012	
16:29	N/A	N/A	0.007	0.011	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
9:00	N/A	N/A	0.001		Wind SW 6 mph. #2 stone backfill of drainage tile.
9:01	N/A	N/A	0.000		
9:02	N/A	N/A	0.000		
9:03	N/A	N/A	0.000		
9:04	N/A	N/A	0.000		
9:05	N/A	N/A	0.000		
9:06	N/A	N/A	0.000		
9:07	N/A	N/A	0.000		
9:08	N/A	N/A	0.000		
9:09	N/A	N/A	0.000		
9:10	N/A	N/A	0.000		
9:11	N/A	N/A	0.000		
9:12	N/A	N/A	0.000		
9:13	N/A	N/A	0.093		
9:14	N/A	N/A	0.044		
9:15	N/A	N/A	0.001	0.009	
9:16	N/A	N/A	0.006	0.009	
9:17	N/A	N/A	0.031	0.010	
9:18	N/A	N/A	0.007	0.012	
9:19	N/A	N/A	0.004	0.012	
9:20	N/A	N/A	0.000	0.012	
9:21	N/A	N/A	0.000	0.012	
9:22	N/A	N/A	0.000	0.012	
9:23	N/A	N/A	0.000	0.012	
9:24	N/A	N/A	0.000	0.012	
9:25	N/A	N/A	0.000	0.012	
9:26	N/A	N/A	0.000	0.012	
9:27	N/A	N/A	0.000	0.012	
9:28	N/A	N/A	0.000	0.012	
9:29	N/A	N/A	0.008	0.006	
9:30	N/A	N/A	0.044	0.004	
9:31	N/A	N/A	0.001	0.007	
9:32	N/A	N/A	0.002	0.006	
9:33	N/A	N/A	0.002	0.004	
9:34	N/A	N/A	0.011	0.004	
9:35	N/A	N/A	0.007	0.005	
9:36	N/A	N/A	0.006	0.005	
9:37	N/A	N/A	0.004	0.005	
9:38	N/A	N/A	0.035	0.006	
9:39	N/A	N/A	0.100	0.008	
9:40	N/A	N/A	0.004	0.015	
9:41	N/A	N/A	0.000	0.015	
9:42	N/A	N/A	0.001	0.015	
9:43	N/A	N/A	0.000	0.015	
9:44	N/A	N/A	0.002	0.015	
9:45	N/A	N/A	0.000	0.015	
9:46	N/A	N/A	0.002	0.012	
9:47	N/A	N/A	0.003	0.012	
9:48	N/A	N/A	0.008	0.012	
9:49	N/A	N/A	0.001	0.012	
9:50	N/A	N/A	0.005	0.012	
9:51	N/A	N/A	0.021	0.011	
9:52	N/A	N/A	0.002	0.012	
9:53	N/A	N/A	0.003	0.012	
9:54	N/A	N/A	0.001	0.010	
9:55	N/A	N/A	0.009	0.004	
9:56	N/A	N/A	0.043	0.004	
9:57	N/A	N/A	0.004	0.007	
9:58	N/A	N/A	0.001	0.007	
9:59	N/A	N/A	0.003	0.007	
10:00	N/A	N/A	0.065	0.007	
10:01	N/A	N/A	0.013	0.011	
10:02	N/A	N/A	0.012	0.012	
10:03	N/A	N/A	0.001	0.013	
10:04	N/A	N/A	0.001	0.012	
10:05	N/A	N/A	0.005	0.012	
10:06	N/A	N/A	0.002	0.012	
10:07	N/A	N/A	0.000	0.011	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
10:08	N/A	N/A	0.001	0.011	
10:09	N/A	N/A	0.000	0.011	
10:10	N/A	N/A	0.001	0.011	
10:11	N/A	N/A	0.001	0.010	
10:12	N/A	N/A	0.000	0.007	
10:13	N/A	N/A	0.001	0.007	
10:14	N/A	N/A	0.001	0.007	
10:15	N/A	N/A	0.002	0.007	Backfill with roll-off soils begins.
10:16	N/A	N/A	0.001	0.003	
10:17	N/A	N/A	0.001	0.002	
10:18	N/A	N/A	0.001	0.001	
10:19	N/A	N/A	0.002	0.001	
10:20	N/A	N/A	0.001	0.001	
10:21	N/A	N/A	0.001	0.001	
10:22	N/A	N/A	0.002	0.001	
10:23	N/A	N/A	0.001	0.001	
10:24	N/A	N/A	0.001	0.001	
10:25	N/A	N/A	0.001	0.001	
10:26	N/A	N/A	0.002	0.001	
10:27	N/A	N/A	0.001	0.001	
10:28	N/A	N/A	0.002	0.001	
10:29	N/A	N/A	0.001	0.001	
10:30	N/A	N/A	0.001	0.001	
10:31	N/A	N/A	0.001	0.001	
10:32	N/A	N/A	0.002	0.001	
10:33	N/A	N/A	0.001	0.001	
10:34	N/A	N/A	0.002	0.001	
10:35	N/A	N/A	0.002	0.001	
10:36	N/A	N/A	0.020	0.001	
10:37	N/A	N/A	0.009	0.003	
10:38	N/A	N/A	0.003	0.003	
10:39	N/A	N/A	0.082	0.003	
10:40	N/A	N/A	0.028	0.009	
10:41	N/A	N/A	0.003	0.010	
10:42	N/A	N/A	0.001	0.011	
10:43	N/A	N/A	0.002	0.011	
10:44	N/A	N/A	0.002	0.011	
10:45	N/A	N/A	0.001	0.011	
10:46	N/A	N/A	0.001	0.011	
10:47	N/A	N/A	0.001	0.011	
10:48	N/A	N/A	0.076	0.011	
10:49	N/A	N/A	0.010	0.016	
10:50	N/A	N/A	0.056	0.016	
10:51	N/A	N/A	0.007	0.020	
10:52	N/A	N/A	0.023	0.019	
10:53	N/A	N/A	0.010	0.020	
10:54	N/A	N/A	0.019	0.020	
10:55	N/A	N/A	0.023	0.016	
10:56	N/A	N/A	0.002	0.016	
10:57	N/A	N/A	0.011	0.016	
10:58	N/A	N/A	0.024	0.016	
10:59	N/A	N/A	0.009	0.018	
11:00	N/A	N/A	0.003	0.018	
11:01	N/A	N/A	0.069	0.018	
11:02	N/A	N/A	0.012	0.023	
11:03	N/A	N/A	0.004	0.024	
11:04	N/A	N/A	0.004	0.019	
11:05	N/A	N/A	0.005	0.018	
11:06	N/A	N/A	0.009	0.015	
11:07	N/A	N/A	0.005	0.015	
11:08	N/A	N/A	0.009	0.014	
11:09	N/A	N/A	0.005	0.014	
11:10	N/A	N/A	0.003	0.013	
11:11	N/A	N/A	0.002	0.012	
11:12	N/A	N/A	0.002	0.012	
11:13	N/A	N/A	0.009	0.011	
11:14	N/A	N/A	0.047	0.010	
11:15	N/A	N/A	0.005	0.013	
11:16	N/A	N/A	0.003	0.013	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
11:17	N/A	N/A	0.005	0.008	
11:18	N/A	N/A	0.006	0.008	
11:19	N/A	N/A	0.012	0.008	
11:20	N/A	N/A	0.008	0.008	
11:21	N/A	N/A	0.006	0.009	
11:22	N/A	N/A	0.004	0.008	
11:23	N/A	N/A	0.006	0.008	
11:24	N/A	N/A	0.003	0.008	
11:25	N/A	N/A	0.003	0.008	
11:26	N/A	N/A	0.021	0.008	
11:27	N/A	N/A	0.013	0.009	
11:28	N/A	N/A	0.019	0.010	
11:29	N/A	N/A	0.009	0.011	
11:30	N/A	N/A	0.009	0.008	
11:31	N/A	N/A	0.005	0.008	
11:32	N/A	N/A	0.022	0.009	
11:33	N/A	N/A	0.005	0.010	
11:34	N/A	N/A	0.019	0.010	
11:35	N/A	N/A	0.012	0.010	
11:36	N/A	N/A	0.004	0.010	
11:37	N/A	N/A	0.004	0.010	
11:38	N/A	N/A	0.005	0.010	
11:39	N/A	N/A	0.014	0.010	
11:40	N/A	N/A	0.024	0.011	
11:41	N/A	N/A	0.004	0.012	
11:42	N/A	N/A	0.005	0.011	
11:43	N/A	N/A	0.018	0.011	
11:44	N/A	N/A	0.007	0.011	
11:45	N/A	N/A	0.006	0.010	re-zero upwind unit - negative readings observed.
11:46	N/A	N/A	0.005	0.010	
11:47	N/A	N/A	0.049	0.010	
11:48	N/A	N/A	0.008	0.012	
11:49	N/A	N/A	0.023	0.012	
11:50	N/A	N/A	0.007	0.013	
11:51	N/A	N/A	0.005	0.012	
11:52	N/A	N/A	0.042	0.012	
11:53	N/A	N/A	0.008	0.015	
11:54	N/A	N/A	0.015	0.015	
11:55	N/A	N/A	0.008	0.015	
11:56	N/A	N/A	0.008	0.014	
11:57	N/A	N/A	0.007	0.014	
11:58	N/A	N/A	0.050	0.014	
11:59	N/A	N/A	0.045	0.017	
12:00	N/A	N/A	0.015	0.019	
12:01	N/A	N/A	0.008	0.020	
12:02	N/A	N/A	0.007	0.020	
12:03	N/A	N/A	0.028	0.017	
12:04	N/A	N/A	0.008	0.018	
12:05	N/A	N/A	0.029	0.017	
12:06	N/A	N/A	0.007	0.019	
12:07	N/A	N/A	0.005	0.019	
12:08	N/A	N/A	0.013	0.017	
12:09	N/A	N/A	0.011	0.017	
12:10	N/A	N/A	0.019	0.017	
12:11	N/A	N/A	0.008	0.017	
12:12	N/A	N/A	0.007	0.017	
12:13	N/A	N/A	0.005	0.017	
12:14	N/A	N/A	0.051	0.014	
12:15	N/A	N/A	0.014	0.015	
12:16	N/A	N/A	0.006	0.015	
12:17	N/A	N/A	0.008	0.015	
12:18	N/A	N/A	0.005	0.015	
12:19	N/A	N/A	0.006	0.013	
12:20	N/A	N/A	0.033	0.013	
12:21	N/A	N/A	0.009	0.013	
12:22	N/A	N/A	0.051	0.013	
12:23	N/A	N/A	0.008	0.016	
12:24	N/A	N/A	0.006	0.016	
12:25	N/A	N/A	0.025	0.016	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
12:26	N/A	N/A	0.050	0.016	
12:27	N/A	N/A	0.014	0.019	
12:28	N/A	N/A	0.025	0.019	
12:29	N/A	N/A	0.013	0.021	
12:30	N/A	N/A	0.010	0.018	
12:31	N/A	N/A	0.012	0.018	
12:32	N/A	N/A	0.061	0.018	
12:33	N/A	N/A	0.022	0.022	
12:34	N/A	N/A	0.009	0.023	
12:35	N/A	N/A	0.010	0.023	
12:36	N/A	N/A	0.021	0.022	
12:37	N/A	N/A	0.008	0.022	
12:38	N/A	N/A	0.007	0.020	
12:39	N/A	N/A	0.006	0.020	
12:40	N/A	N/A	0.006	0.020	
12:41	N/A	N/A	0.010	0.018	
12:42	N/A	N/A	0.007	0.016	
12:43	N/A	N/A	0.006	0.015	
12:44	N/A	N/A	0.005	0.014	
12:45	N/A	N/A	0.009	0.013	
12:46	N/A	N/A	0.011	0.013	
12:47	N/A	N/A	0.010	0.013	
12:48	N/A	N/A	0.011	0.010	
12:49	N/A	N/A	0.007	0.009	
12:50	N/A	N/A	0.007	0.009	
12:51	N/A	N/A	0.009	0.009	
12:52	N/A	N/A	0.006	0.008	
12:53	N/A	N/A	0.006	0.008	
12:54	N/A	N/A	0.005	0.008	
12:55	N/A	N/A	0.006	0.008	
12:56	N/A	N/A	0.007	0.008	
12:57	N/A	N/A	0.007	0.007	
12:58	N/A	N/A	0.007	0.007	
12:59	N/A	N/A	0.006	0.008	
13:00	N/A	N/A	0.006	0.008	
13:01	N/A	N/A	0.006	0.007	
13:02	N/A	N/A	0.006	0.007	
13:03	N/A	N/A	0.006	0.007	
13:04	N/A	N/A	0.005	0.006	
13:05	N/A	N/A	0.005	0.006	
13:06	N/A	N/A	0.007	0.006	
13:07	N/A	N/A	0.006	0.006	
13:08	N/A	N/A	0.005	0.006	
13:09	N/A	N/A	0.006	0.006	
13:10	N/A	N/A	0.008	0.006	
13:11	N/A	N/A	0.008	0.006	
13:12	N/A	N/A	0.028	0.006	
13:13	N/A	N/A	0.014	0.008	
13:14	N/A	N/A	0.017	0.008	
13:15	N/A	N/A	0.019	0.009	
13:16	N/A	N/A	0.008	0.010	
13:17	N/A	N/A	0.008	0.010	
13:18	N/A	N/A	0.007	0.010	
13:19	N/A	N/A	0.006	0.010	
13:20	N/A	N/A	0.007	0.010	
13:21	N/A	N/A	0.006	0.010	
13:22	N/A	N/A	0.007	0.010	
13:23	N/A	N/A	0.008	0.010	
13:24	N/A	N/A	0.008	0.010	
13:25	N/A	N/A	0.009	0.011	
13:26	N/A	N/A	0.018	0.011	
13:27	N/A	N/A	0.009	0.011	
13:28	N/A	N/A	0.007	0.010	
13:29	N/A	N/A	0.007	0.010	
13:30	N/A	N/A	0.008	0.009	
13:31	N/A	N/A	0.007	0.008	
13:32	N/A	N/A	0.007	0.008	
13:33	N/A	N/A	0.007	0.008	
13:34	N/A	N/A	0.007	0.008	
13:35	N/A	N/A	0.008	0.008	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
13:36	N/A	N/A	0.011	0.008	
13:37	N/A	N/A	0.010	0.009	
13:38	N/A	N/A	0.007	0.009	
13:39	N/A	N/A	0.007	0.009	
13:40	N/A	N/A	0.013	0.009	
13:41	N/A	N/A	0.007	0.009	
13:42	N/A	N/A	0.007	0.008	
13:43	N/A	N/A	0.006	0.008	
13:44	N/A	N/A	0.009	0.008	
13:45	N/A	N/A	0.008	0.008	
13:46	N/A	N/A	0.008	0.008	
13:47	N/A	N/A	0.013	0.008	
13:48	N/A	N/A	0.007	0.009	
13:49	N/A	N/A	0.005	0.009	
13:50	N/A	N/A	0.006	0.008	
13:51	N/A	N/A	0.006	0.008	
13:52	N/A	N/A	0.006	0.008	
13:53	N/A	N/A	0.005	0.008	
13:54	N/A	N/A	0.006	0.008	
13:55	N/A	N/A	0.007	0.007	
13:56	N/A	N/A	0.010	0.007	
13:57	N/A	N/A	0.006	0.007	
13:58	N/A	N/A	0.009	0.007	
13:59	N/A	N/A	0.026	0.007	
14:00	N/A	N/A	0.013	0.009	
14:01	N/A	N/A	0.007	0.009	
14:02	N/A	N/A	0.011	0.009	
14:03	N/A	N/A	0.008	0.009	
14:04	N/A	N/A	0.009	0.009	
14:05	N/A	N/A	0.006	0.009	
14:06	N/A	N/A	0.008	0.009	
14:07	N/A	N/A	0.007	0.009	
14:08	N/A	N/A	0.010	0.009	
14:09	N/A	N/A	0.007	0.010	
14:10	N/A	N/A	0.006	0.010	
14:11	N/A	N/A	0.007	0.010	
14:12	N/A	N/A	0.007	0.009	
14:13	N/A	N/A	0.007	0.009	
14:14	N/A	N/A	0.008	0.009	
14:15	N/A	N/A	0.007	0.008	
14:16	N/A	N/A	0.006	0.008	
14:17	N/A	N/A	0.007	0.008	
14:18	N/A	N/A	0.006	0.007	
14:19	N/A	N/A	0.008	0.007	
14:20	N/A	N/A	0.007	0.007	
14:21	N/A	N/A	0.007	0.007	
14:22	N/A	N/A	0.008	0.007	
14:23	N/A	N/A	0.006	0.007	
14:24	N/A	N/A	0.005	0.007	
14:25	N/A	N/A	0.006	0.007	
14:26	N/A	N/A	0.008	0.007	
14:27	N/A	N/A	0.009	0.007	
14:28	N/A	N/A	0.010	0.007	
14:29	N/A	N/A	0.006	0.007	
14:30	N/A	N/A	0.007	0.007	
14:31	N/A	N/A	0.009	0.007	
14:32	N/A	N/A	0.007	0.007	
14:33	N/A	N/A	0.006	0.007	
14:34	N/A	N/A	0.010	0.007	
14:35	N/A	N/A	0.009	0.007	
14:36	N/A	N/A	0.006	0.008	
14:37	N/A	N/A	0.007	0.007	
14:38	N/A	N/A	0.005	0.007	
14:39	N/A	N/A	0.005	0.007	
14:40	N/A	N/A	0.016	0.007	
14:41	N/A	N/A	0.012	0.008	
14:42	N/A	N/A	0.005	0.008	
14:43	N/A	N/A	0.005	0.008	
14:44	N/A	N/A	0.010	0.008	
14:45	N/A	N/A	0.006	0.008	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
14:46	N/A	N/A	0.006	0.008	
14:47	N/A	N/A	0.006	0.008	
14:48	N/A	N/A	0.006	0.008	
14:49	N/A	N/A	0.006	0.008	
14:50	N/A	N/A	0.004	0.007	
14:51	N/A	N/A	0.005	0.007	
14:52	N/A	N/A	0.005	0.007	
14:53	N/A	N/A	0.005	0.007	
14:54	N/A	N/A	0.006	0.007	
14:55	N/A	N/A	0.005	0.007	
14:56	N/A	N/A	0.005	0.006	
14:57	N/A	N/A	0.005	0.006	
14:58	N/A	N/A	0.006	0.006	
14:59	N/A	N/A	0.007	0.006	
15:00	N/A	N/A	0.014	0.006	
15:01	N/A	N/A	0.008	0.006	
15:02	N/A	N/A	0.008	0.006	
15:03	N/A	N/A	0.005	0.006	
15:04	N/A	N/A	0.005	0.006	
15:05	N/A	N/A	0.007	0.006	
15:06	N/A	N/A	0.006	0.006	
15:07	N/A	N/A	0.007	0.006	
15:08	N/A	N/A	0.005	0.007	
15:09	N/A	N/A	0.005	0.007	
15:10	N/A	N/A	0.005	0.007	
15:11	N/A	N/A	0.007	0.007	
15:12	N/A	N/A	0.007	0.007	
15:13	N/A	N/A	0.009	0.007	
15:14	N/A	N/A	0.011	0.007	
15:15	N/A	N/A	0.014	0.007	
15:16	N/A	N/A	0.040	0.007	
15:17	N/A	N/A	0.020	0.009	
15:18	N/A	N/A	0.019	0.010	
15:19	N/A	N/A	0.013	0.011	
15:20	N/A	N/A	0.030	0.012	
15:21	N/A	N/A	0.018	0.013	
15:22	N/A	N/A	0.019	0.014	
15:23	N/A	N/A	0.045	0.015	
15:24	N/A	N/A	0.011	0.017	
15:25	N/A	N/A	0.008	0.018	
15:26	N/A	N/A	0.005	0.018	
15:27	N/A	N/A	0.007	0.018	
15:28	N/A	N/A	0.005	0.018	
15:29	N/A	N/A	0.007	0.018	
15:30	N/A	N/A	0.006	0.017	
15:31	N/A	N/A	0.251	0.017	Resident smoking in vicinity of downwind statior
15:32	N/A	N/A	0.311	0.031	
15:33	N/A	N/A	0.100	0.050	
15:34	N/A	N/A	0.220	0.056	
15:35	N/A	N/A	0.156	0.070	
15:36	N/A	N/A	0.081	0.078	
15:37	N/A	N/A	0.267	0.082	
15:38	N/A	N/A	0.083	0.099	
15:39	N/A	N/A	0.030	0.101	
15:40	N/A	N/A	0.006	0.102	
15:41	N/A	N/A	0.007	0.102	
15:42	N/A	N/A	0.009	0.102	
15:43	N/A	N/A	0.006	0.103	
15:44	N/A	N/A	0.004	0.103	
15:45	N/A	N/A	0.004	0.102	
15:46	N/A	N/A	0.004	0.102	
15:47	N/A	N/A	0.005	0.086	
15:48	N/A	N/A	0.020	0.065	
15:49	N/A	N/A	0.025	0.060	
15:50	N/A	N/A	0.005	0.047	
15:51	N/A	N/A	0.004	0.037	
15:52	N/A	N/A	0.004	0.032	
15:53	N/A	N/A	0.004	0.014	
15:54	N/A	N/A	0.005	0.009	
15:55	N/A	N/A	0.007	0.007	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
15:56	N/A	N/A	0.010	0.008	
15:57	N/A	N/A	0.010	0.008	
15:58	N/A	N/A	0.007	0.008	
15:59	N/A	N/A	0.008	0.008	
16:00	N/A	N/A	0.009	0.008	
16:01	N/A	N/A	0.009	0.008	
16:02	N/A	N/A	0.011	0.009	
16:03	N/A	N/A	0.011	0.009	
16:04	N/A	N/A	0.007	0.009	
16:05	N/A	N/A	0.009	0.007	
16:06	N/A	N/A	0.013	0.008	
16:07	N/A	N/A	0.008	0.008	
16:08	N/A	N/A	0.008	0.009	
16:09	N/A	N/A	0.007	0.009	
16:10	N/A	N/A	0.009	0.009	
16:11	N/A	N/A	0.008	0.009	
16:12	N/A	N/A	0.007	0.009	
16:13	N/A	N/A	0.008	0.009	
16:14	N/A	N/A	0.008	0.009	
16:15	N/A	N/A	0.011	0.009	
16:16	N/A	N/A	0.007	0.009	
16:17	N/A	N/A	0.007	0.009	
16:18	N/A	N/A	0.007	0.009	
16:19	N/A	N/A	0.008	0.008	
16:20	N/A	N/A	0.015	0.008	
16:21	N/A	N/A	0.007	0.009	
16:22	N/A	N/A	0.009	0.008	
16:23	N/A	N/A	0.012	0.008	
16:24	N/A	N/A	0.013	0.009	
16:25	N/A	N/A	0.008	0.009	
16:26	N/A	N/A	0.006	0.009	
16:27	N/A	N/A	0.007	0.009	
16:28	N/A	N/A	0.006	0.009	
16:29	N/A	N/A	0.007	0.009	
16:30	N/A	N/A	0.008	0.009	
16:31	N/A	N/A	0.008	0.008	
16:32	N/A	N/A	0.008	0.009	
16:33	N/A	N/A	0.005	0.009	
16:34	N/A	N/A	0.005	0.008	
16:35	N/A	N/A	0.006	0.008	
16:36	N/A	N/A	0.009	0.008	
16:37	N/A	N/A	0.048	0.008	
16:38	N/A	N/A	0.011	0.010	
16:39	N/A	N/A	0.018	0.010	
16:40	N/A	N/A	0.042	0.011	
16:41	N/A	N/A	0.051	0.013	
16:42	N/A	N/A	0.017	0.016	
16:43	N/A	N/A	0.008	0.017	
16:44	N/A	N/A	0.004	0.017	
16:45	N/A	N/A	0.003	0.017	
16:46	N/A	N/A	0.004	0.016	
16:47	N/A	N/A	0.005	0.016	
16:48	N/A	N/A	0.028	0.016	
16:49	N/A	N/A	0.012	0.017	
16:50	N/A	N/A	0.004	0.018	
16:51	N/A	N/A	0.004	0.018	
16:52	N/A	N/A	0.003	0.017	
16:53	N/A	N/A	0.003	0.014	
16:54	N/A	N/A	0.003	0.014	
16:55	N/A	N/A	0.003	0.013	
16:56	N/A	N/A	0.004	0.010	
16:57	N/A	N/A	0.003	0.007	
16:58	N/A	N/A	0.003	0.006	
16:59	N/A	N/A	0.004	0.006	
17:00	N/A	N/A	0.003	0.006	
17:01	N/A	N/A	0.003	0.006	
17:02	N/A	N/A	0.003	0.006	
17:03	N/A	N/A	0.004	0.006	
17:04	N/A	N/A	0.003	0.004	
17:05	N/A	N/A	0.003	0.003	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
17:06	N/A	N/A	0.004	0.003	
17:07	N/A	N/A	0.003	0.003	
17:08	N/A	N/A	0.004	0.003	
17:09	N/A	N/A	0.004	0.003	
17:10	N/A	N/A	0.003	0.003	
17:11	N/A	N/A	0.004	0.003	
17:12	N/A	N/A	0.003	0.003	
17:13	N/A	N/A	0.004	0.003	
17:14	N/A	N/A	0.004	0.003	
17:15	N/A	N/A	0.009	0.003	
17:16	N/A	N/A	0.030	0.004	
17:17	N/A	N/A	0.010	0.006	
17:18	N/A	N/A	0.010	0.006	
17:19	N/A	N/A	0.009	0.007	
17:20	N/A	N/A	0.004	0.007	
17:21	N/A	N/A	0.003	0.007	
17:22	N/A	N/A	0.003	0.007	
17:23	N/A	N/A	0.005	0.007	
17:24	N/A	N/A	0.004	0.007	
17:25	N/A	N/A	0.003	0.007	
17:26	N/A	N/A	0.005	0.007	
17:27	N/A	N/A	0.005	0.007	
17:28	N/A	N/A	0.004	0.007	
17:29	N/A	N/A	0.004	0.007	
17:30	N/A	N/A	0.003	0.007	
17:31	N/A	N/A	0.004	0.007	
17:32	N/A	N/A	0.003	0.005	
17:33	N/A	N/A	0.003	0.005	
17:34	N/A	N/A	0.003	0.004	
17:35	N/A	N/A	0.003	0.004	
17:36	N/A	N/A	0.003	0.004	
17:37	N/A	N/A	0.004	0.004	
17:38	N/A	N/A	0.004	0.004	
17:39	N/A	N/A	0.004	0.004	
17:40	N/A	N/A	0.004	0.004	
17:41	N/A	N/A	0.005	0.004	
17:42	N/A	N/A	0.004	0.004	
17:43	N/A	N/A	0.003	0.004	
17:44	N/A	N/A	0.004	0.004	
17:45	N/A	N/A	0.003	0.004	
17:46	N/A	N/A	0.003	0.004	
17:47	N/A	N/A	0.004	0.004	
17:48	N/A	N/A	0.005	0.004	
17:49	N/A	N/A	0.004	0.004	
17:50	N/A	N/A	0.004	0.004	
17:51	N/A	N/A	0.004	0.004	
17:52	N/A	N/A	0.004	0.004	
17:53	N/A	N/A	0.004	0.004	
17:54	N/A	N/A	0.004	0.004	
17:55	N/A	N/A	0.003	0.004	
17:56	N/A	N/A	0.004	0.004	
17:57	N/A	N/A	0.005	0.004	
17:58	N/A	N/A	0.004	0.004	
17:59	N/A	N/A	0.004	0.004	
18:00	N/A	N/A	0.004	0.004	
18:01	N/A	N/A	0.004	0.004	
18:02	N/A	N/A	0.003	0.004	
18:03	N/A	N/A	0.003	0.004	
18:04	N/A	N/A	0.003	0.004	
18:05	N/A	N/A	0.003	0.004	
18:06	N/A	N/A	0.003	0.004	
18:07	N/A	N/A	0.004	0.004	
18:08	N/A	N/A	0.003	0.004	
18:09	N/A	N/A	0.003	0.004	
18:10	N/A	N/A	0.003	0.004	
18:11	N/A	N/A	0.003	0.004	

See last page for notes.

Notes:

1. The 15-minute running average particulate level and VOC concentrations are monitored per Appendix 1A of DER Particulate levels monitored with a DustTrak Model 8530.
2. VOC concentrations monitored with a RAE Systems minRAE3000 at downwind position and at work zone during excavation activities. VOC readings were not taken at upwind locations or at either location during backfilling activities as per NYSDEC approval for modified CAMP. See Appendix E.3
3. Instantaneous particulate level and VOC concentration are monitored to give early warning of any potential issues.
4. The 15-minute running average particulate level and VOC concentrations are monitored per Appendix 1A of DER-10 during implementation of the Community Air Monitoring Plan (CAMP).
5. Blank particulate or PID fields represent times when, though the units were continuously monitoring, telemetry did not transmit data. Despite gaps in telemetry data, CAMP data monitoring is continuous and the data recording is still at a frequency that is higher than the requirements of DER-10
6. Cells highlighted in red indicate exceedances for the action level (100 mcg/m^3) as detailed in Appendix E of the NYSDEC-approved Stantec RAWP (2020).

Key:

mg/m^3 = milligrams per cubic meter
PID = photoionization detector
ppm = parts per million
VOC = volatile organic compound
N/A = not applicable

4/17/2024

REFERENCES:

LIBER 11202 OF DEEDS, PAGE 160

ABSTRACT OF TITLE PREPARED BY FRONTIER ABSTRACT AND RESEARCH SERVICES INC. SEARCH #508435, DATED DECEMBER 11, 2007.

BOUNDARY LINE AGREEMENT, LIBER 10865 OF DEEDS, PAGE 474.

TITLE REPORT PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, TITLE #TM-444-MON-11, DATED JANUARY 18, 2013.

MAPPING OBTAINED FROM THE CITY OF ROCHESTER MAPS AND SURVEYS DISTRICT 21, MAPS 5-6

EASEMENTS:

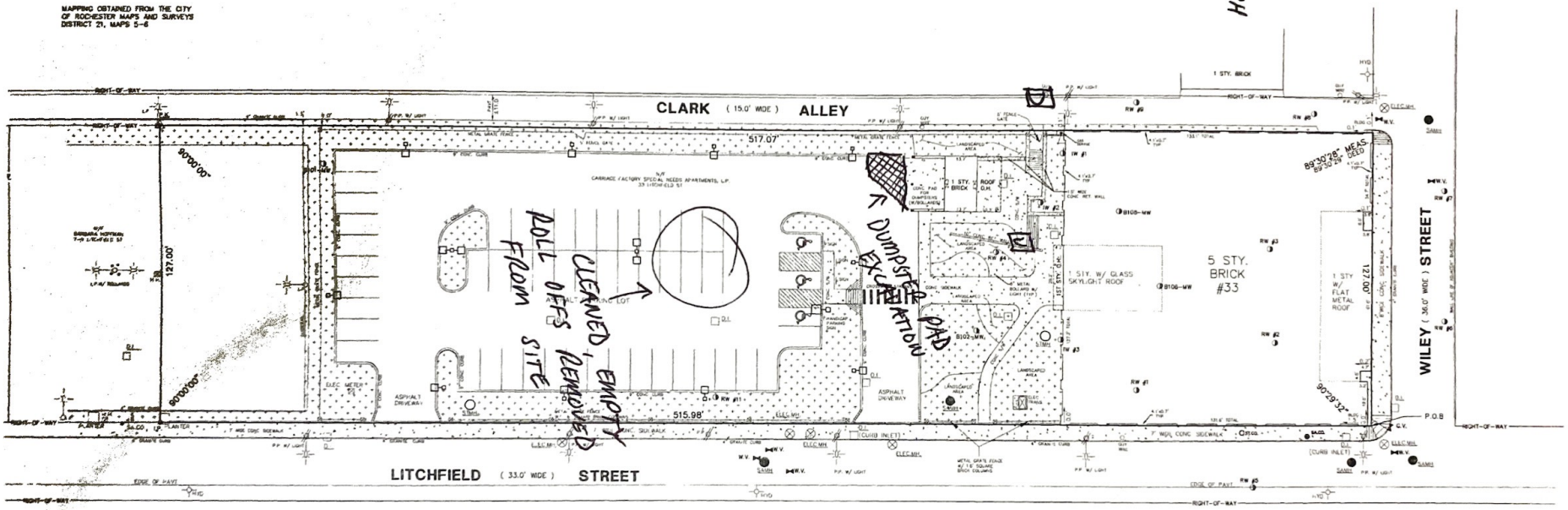
ENVIRONMENTAL EASEMENT TO NYSDEC. THE AREA OF THE EASEMENT BOUNDARY MATCHES THE PARCEL BOUNDARY AS DESCRIBED BELOW.

EASEMENT TO R.G& E., LIBER 1581 OF DEEDS, PAGE 474, FOR STEAM LINES ON LITCHFIELD STREET "UNDER, ALONG AND ADJACENT TO PREMISES FOR APPROX. 124 FEET" (UNABLE TO PLOT LOCATION ON MAP FROM DESCRIPTION)

20' 16' 12' 8' 4' 0 20' 40'
6 m 3.05m 0m 6.1m 12.2m

NORTH

E 5-8MPH



ENGINEERING CONTROLS:

SYMBOL	DESCRIPTION
	AREAS WITH CONCRETE CAP
	AREAS WITH ASPHALT CAP
	AREAS OF GRASS AND/OR LANDSCAPING

LEGEND:

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SIGN		CURB
	LIGHT POLE		CURB TRANSITION (CURB-CUT)
	LIGHT POLE	W.V.	WATER VALVE
	POWER POLE	HYD.	FIRE HYDRANT
MW	MONITORING WELL LOCATIONS	G.V.	GAS VALVE
SAMH	SANITARY MANHOLE		STAIRS OR HANDICAP RAMP
STMH	STORM MANHOLE	SA.CO.	SANITARY CLEANOUT
ELEC.MH.	ELECTRIC/UTILITY MANHOLE	ST.CO.	STORM CLEANOUT

PARCEL AND ENVIRONMENTAL EASEMENT LEGAL DESCRIPTION:

ALL THAT TRACT OR PARCEL OF LAND SITUATE IN THE CITY OF ROCHESTER, COUNTY OF MONROE AND STATE OF NEW YORK, BEING PART OF THE BUSH AND KING TRACT, SO CALLED, KNOWN AND DESCRIBED AS FOLLOWS:

COMMENCING AT THE POINT OF INTERSECTION OF THE WESTERLY LINE OF LITCHFIELD STREET (33 FEET WIDE) AND THE SOUTHERLY LINE OF WILEY STREET (36 FEET WIDE) AND RUNNING THE FOLLOWING COURSES AS DESCRIBED IN A DEED FILED IN THE MONROE COUNTY CLERKS OFFICE, LIBER 10555 OF DEEDS, PAGE 478.

THENCE 1) WESTERLY, ALONG THE SOUTHERLY LINE OF WILEY STREET, A DISTANCE OF 127.00 FEET TO A POINT WHERE THE SOUTHERLY LINE OF WILEY STREET INTERSECTS THE EASTERLY LINE OF CLARK ALLEY,

THENCE 2) SOUTHERLY, AT AN INTERIOR ANGLE OF 89°-30'-28" (SHOWN AS

ENVIRONMENTAL REMEDIATION SYSTEM NOTES:

1. OPERATING REMEDIATION SYSTEMS IN PLACE WITHIN THE SITE BUILDING BUT NOT SHOWN ON THIS SURVEY PLAN INCLUDE:
   a) A VAPOR INTRUSION SUB-SLAB DEPRESSURIZATION SYSTEM (SSDS);
   b) A BASEMENT ELEVATOR SUMP SYSTEM, AND
   c) A GROUNDWATER INJECTION PIPING SYSTEM.
   AS-BUILT DETAILS FOR EACH OF THESE SYSTEMS ARE PROVIDED IN THE FORMER CARRIAGE FACTORY, MONROE COUNTY, NEW YORK, SITE MANAGEMENT PLAN, NYSDEC SITE NUMBER: C828184 (SMP). THE FOLLOWING SMP FIGURES PROVIDE DETAILS:
   FIGURE 7A

NY UNAUTHORIZED ALTERATION OR ADDITION TO THIS MAP IS A VIOLATION OF ARTICLE 145, SECTION 7209 OF THE NEW YORK TATE EDUCATION LAW.

F PARRINO ENGINEERING HEREBY CERTIFY THAT THIS MAP WAS

Stantec

CAMP Field Notes

Name: S. RIFE

Date: 4/17/2024

Project: Former Carriage Factory Site

Weather conditions: OVERCAST 49-54 °F

Estimated wind speed (calm, moderate, strong): E 5-8 MPH

Equipment		
	Upwind/Work	Downwind
PID (10.6 eV)	STN 1	STN 1
Dusttrak	STN 1	STN 2

Work Location	Wind Direction*	TIME	UPGRADIENT		DOWNGRADIENT		WORK AREA	Notes (discuss any exceedances noted, any visible dust, other conditions of note, etc.)
			DUST (mg/m3)	VOC (ppm)	DUST (mg/m3)	VOC (ppm)	VOC (ppm)	
		0915	0.019	-	—	—		EARTHWORK BEGINS
		0930	0.026	-	0.004	0.0		
		0945	0.028	-	0.003	0.0		
		1000	0.030	-	0.003	0.0		
		1015	0.032	-	0.002	0.0		
		1030	0.023	-	0.001	0.0		
		1045	0.025	-	0.002	0.0		
		1100	0.027	-	0.002	0.0		
		1115	0.024	-	0.001	0.0		
		1130	0.025	-	0.002	0.0		
		1145	0.024	-	0.002	0.0		
		1200	0.026	-	0.001	0.0		
		1215	0.031	-	0.003	0.0		
		1230	0.033	-	0.005	0.0		
		1245	0.033	-	0.007	0.0		
		1300	0.028	-	0.006	0.0		
		1315	0.035	-	0.004	0.0		
		1330	0.036	-	0.006	0.0		

*Wind direction is reported as the direction from which it originates

Stantec

CAMP Field Notes

Name: S. RIFE

Date: 4/17/2024

Project: Former Carriage Factory Site

Weather conditions:

Estimated wind speed (calm, moderate, strong):

Equipment		
	Upwind/Work	Downwind
PID (10.6 eV)	STN 1	STN 1
Dusttrak	STN 1	STN 2

Work Location	Wind Direction*	TIME	UPGRADIENT		DOWNGRADIENT		WORK AREA	Notes (discuss any exceedances noted, any visible dust, other conditions of note, etc.)
			DUST (mg/m3)	VOC (ppm)	DUST (mg/m3)	VOC (ppm)	VOC (ppm)	
		1345	0.034	-	0.011	0.0		
		1400	0.036	-	-0.003	0.0		FLOW ERROR DOWNWIND UNIT
		1415	0.037	-	-	0.0		
		1430	0.031	-	-	0.0		~~EARTHWORK CONCLUDED~~ (SW) BUCKET TAMPING OF BACKFILLED SURFACES COMMENCES
		1445	0.031	-	0.004	0.0		
		1500	0.032	-	0.004	0.0		
		1515	0.039	-	0.006	0.0		
		1530	0.031	-	0.005	0.0		
		1545	0.030	-	0.007	0.0		
		1600	0.060	-	0.007	0.0		COMPACTION CONCLUDES

*Wind direction is reported as the direction from which it originates

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
9:18	N/A	N/A	0.019		Begin earthwork at 0915
9:19	N/A	N/A	0.027		
9:20	N/A	N/A	0.033		
9:21	N/A	N/A	0.024		
9:22	N/A	N/A	0.037		
9:23	N/A	N/A	0.028		
9:24	N/A	N/A	0.030		
9:25	N/A	N/A	0.031		
9:26	N/A	N/A	0.029		
9:27	N/A	N/A	0.030		
9:28	N/A	N/A	0.028		
9:29	N/A	N/A	0.027		
9:30	N/A	N/A	0.026		
9:31	N/A	N/A	0.030		
9:32	N/A	N/A	0.028		
9:33	N/A	N/A	0.025	0.028	
9:34	N/A	N/A	0.027	0.029	
9:35	N/A	N/A	0.025	0.029	
9:36	N/A	N/A	0.028	0.028	
9:37	N/A	N/A	0.025	0.029	
9:38	N/A	N/A	0.030	0.028	
9:39	N/A	N/A	0.030	0.028	
9:40	N/A	N/A	0.030	0.028	
9:41	N/A	N/A	0.027	0.028	
9:42	N/A	N/A	0.027	0.028	
9:43	N/A	N/A	0.028	0.028	
9:44	N/A	N/A	0.028	0.028	
9:45	N/A	N/A	0.028	0.028	
9:46	N/A	N/A	0.032	0.028	
9:47	N/A	N/A	0.034	0.028	
9:48	N/A	N/A	0.038	0.028	
9:49	N/A	N/A	0.035	0.029	
9:50	N/A	N/A	0.033	0.030	
9:51	N/A	N/A	0.029	0.030	
9:52	N/A	N/A	0.029	0.030	
9:53	N/A	N/A	0.026	0.031	
9:54	N/A	N/A	0.026	0.030	
9:55	N/A	N/A	0.026	0.030	
9:56	N/A	N/A	0.030	0.030	
9:57	N/A	N/A	0.025	0.030	
9:58	N/A	N/A	0.029	0.030	
9:59	N/A	N/A	0.033	0.030	
10:00	N/A	N/A	0.030	0.030	
10:01	N/A	N/A	0.034	0.030	
10:02	N/A	N/A	0.031	0.030	
10:03	N/A	N/A	0.029	0.030	
10:04	N/A	N/A	0.030	0.030	
10:05	N/A	N/A	0.029	0.029	
10:06	N/A	N/A	0.027	0.029	
10:07	N/A	N/A	0.027	0.029	
10:08	N/A	N/A	0.035	0.029	
10:09	N/A	N/A	0.029	0.029	
10:10	N/A	N/A	0.029	0.030	
10:11	N/A	N/A	0.026	0.030	
10:12	N/A	N/A	0.025	0.030	
10:13	N/A	N/A	0.026	0.030	
10:14	N/A	N/A	0.029	0.029	
10:15	N/A	N/A	0.032	0.029	
10:16	N/A	N/A	0.029	0.029	
10:17	N/A	N/A	0.026	0.029	
10:18	N/A	N/A	0.028	0.029	
10:19	N/A	N/A	0.028	0.028	
10:20	N/A	N/A	0.026	0.028	
10:21	N/A	N/A	0.030	0.028	
10:22	N/A	N/A	0.030	0.028	
10:23	N/A	N/A	0.034	0.029	
10:24	N/A	N/A	0.029	0.028	
10:25	N/A	N/A	0.028	0.028	
10:26	N/A	N/A	0.029	0.028	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
10:27	N/A	N/A	0.027	0.029	
10:28	N/A	N/A	0.028	0.029	
10:29	N/A	N/A	0.027	0.029	
10:30	N/A	N/A	0.023	0.029	
10:31	N/A	N/A	0.030	0.028	
10:32	N/A	N/A	0.024	0.028	
10:33	N/A	N/A	0.025	0.028	
10:34	N/A	N/A	0.026	0.028	
10:35	N/A	N/A	0.029	0.028	
10:36	N/A	N/A	0.029	0.028	
10:37	N/A	N/A	0.047	0.028	
10:38	N/A	N/A	0.057	0.029	
10:39	N/A	N/A	0.029	0.031	
10:40	N/A	N/A	0.029	0.031	
10:41	N/A	N/A	0.032	0.031	
10:42	N/A	N/A	0.029	0.031	
10:43	N/A	N/A	0.031	0.031	
10:44	N/A	N/A	0.026	0.031	
10:45	N/A	N/A	0.025	0.031	
10:46	N/A	N/A	0.025	0.031	
10:47	N/A	N/A	0.029	0.031	
10:48	N/A	N/A	0.031	0.031	
10:49	N/A	N/A	0.026	0.032	
10:50	N/A	N/A	0.026	0.032	
10:51	N/A	N/A	0.029	0.031	
10:52	N/A	N/A	0.026	0.031	
10:53	N/A	N/A	0.024	0.030	
10:54	N/A	N/A	0.026	0.028	
10:55	N/A	N/A	0.025	0.028	
10:56	N/A	N/A	0.025	0.027	
10:57	N/A	N/A	0.026	0.027	
10:58	N/A	N/A	0.025	0.027	
10:59	N/A	N/A	0.026	0.026	
11:00	N/A	N/A	0.027	0.026	
11:01	N/A	N/A	0.023	0.026	
11:02	N/A	N/A	0.025	0.026	
11:03	N/A	N/A	0.024	0.026	
11:04	N/A	N/A	0.025	0.026	
11:05	N/A	N/A	0.024	0.025	
11:06	N/A	N/A	0.024	0.025	
11:07	N/A	N/A	0.024	0.025	
11:08	N/A	N/A	0.023	0.025	
11:09	N/A	N/A	0.025	0.025	
11:10	N/A	N/A	0.029	0.025	
11:11	N/A	N/A	0.026	0.025	
11:12	N/A	N/A	0.028	0.025	
11:13	N/A	N/A	0.024	0.025	
11:14	N/A	N/A	0.023	0.025	
11:15	N/A	N/A	0.024	0.025	
11:16	N/A	N/A	0.023	0.025	
11:17	N/A	N/A	0.027	0.025	
11:18	N/A	N/A	0.025	0.025	
11:19	N/A	N/A	0.024	0.025	
11:20	N/A	N/A	0.023	0.025	
11:21	N/A	N/A	0.024	0.025	
11:22	N/A	N/A	0.025	0.025	
11:23	N/A	N/A	0.025	0.025	
11:24	N/A	N/A	0.024	0.025	
11:25	N/A	N/A	0.024	0.025	
11:26	N/A	N/A	0.025	0.025	
11:27	N/A	N/A	0.044	0.025	
11:28	N/A	N/A	0.028	0.026	
11:29	N/A	N/A	0.032	0.026	
11:30	N/A	N/A	0.025	0.026	
11:31	N/A	N/A	0.024	0.027	
11:32	N/A	N/A	0.025	0.027	
11:33	N/A	N/A	0.026	0.026	
11:34	N/A	N/A	0.024	0.027	
11:35	N/A	N/A	0.026	0.027	
11:36	N/A	N/A	0.026	0.027	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
11:37	N/A	N/A	0.024	0.027	
11:38	N/A	N/A	0.025	0.027	
11:39	N/A	N/A	0.027	0.027	
11:40	N/A	N/A	0.025	0.027	
11:41	N/A	N/A	0.025	0.027	
11:42	N/A	N/A	0.026	0.027	
11:43	N/A	N/A	0.029	0.026	
11:44	N/A	N/A	0.027	0.026	
11:45	N/A	N/A	0.024	0.026	
11:46	N/A	N/A	0.026	0.026	
11:47	N/A	N/A	0.026	0.026	
11:48	N/A	N/A	0.026	0.026	
11:49	N/A	N/A	0.024	0.026	
11:50	N/A	N/A	0.029	0.026	
11:51	N/A	N/A	0.027	0.026	
11:52	N/A	N/A	0.029	0.026	
11:53	N/A	N/A	0.029	0.026	
11:54	N/A	N/A	0.027	0.027	
11:55	N/A	N/A	0.027	0.027	
11:56	N/A	N/A	0.031	0.027	
11:57	N/A	N/A	0.031	0.027	
11:58	N/A	N/A	0.035	0.027	
11:59	N/A	N/A	0.027	0.028	
12:00	N/A	N/A	0.026	0.028	
12:01	N/A	N/A	0.025	0.028	
12:02	N/A	N/A	0.027	0.028	
12:03	N/A	N/A	0.026	0.028	
12:04	N/A	N/A	0.028	0.028	
12:05	N/A	N/A	0.026	0.028	
12:06	N/A	N/A	0.030	0.028	
12:07	N/A	N/A	0.027	0.028	
12:08	N/A	N/A	0.026	0.028	
12:09	N/A	N/A	0.029	0.028	
12:10	N/A	N/A	0.025	0.028	
12:11	N/A	N/A	0.028	0.028	
12:12	N/A	N/A	0.028	0.028	
12:13	N/A	N/A	0.035	0.028	
12:14	N/A	N/A	0.032	0.028	
12:15	N/A	N/A	0.031	0.028	
12:16	N/A	N/A	0.029	0.028	
12:17	N/A	N/A	0.030	0.028	
12:18	N/A	N/A	0.028	0.029	
12:19	N/A	N/A	0.027	0.029	
12:20	N/A	N/A	0.027	0.029	
12:21	N/A	N/A	0.030	0.029	
12:22	N/A	N/A	0.025	0.029	
12:23	N/A	N/A	0.029	0.029	
12:24	N/A	N/A	0.027	0.029	
12:25	N/A	N/A	0.028	0.029	
12:26	N/A	N/A	0.026	0.029	
12:27	N/A	N/A	0.027	0.029	
12:28	N/A	N/A	0.033	0.029	
12:29	N/A	N/A	0.030	0.029	
12:30	N/A	N/A	0.033	0.028	
12:31	N/A	N/A	0.027	0.029	
12:32	N/A	N/A	0.031	0.028	
12:33	N/A	N/A	0.037	0.029	
12:34	N/A	N/A	0.030	0.029	
12:35	N/A	N/A	0.034	0.029	
12:36	N/A	N/A	0.032	0.030	
12:37	N/A	N/A	0.031	0.030	
12:38	N/A	N/A	0.029	0.030	
12:39	N/A	N/A	0.027	0.030	
12:40	N/A	N/A	0.029	0.030	
12:41	N/A	N/A	0.029	0.030	
12:42	N/A	N/A	0.028	0.031	
12:43	N/A	N/A	0.033	0.031	
12:44	N/A	N/A	0.035	0.031	
12:45	N/A	N/A	0.033	0.031	
12:46	N/A	N/A	0.035	0.031	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
12:47	N/A	N/A	0.034	0.032	
12:48	N/A	N/A	0.032	0.032	
12:49	N/A	N/A	0.030	0.031	
12:50	N/A	N/A	0.035	0.031	
12:51	N/A	N/A	0.032	0.031	
12:52	N/A	N/A	0.033	0.031	
12:53	N/A	N/A	0.032	0.032	
12:54	N/A	N/A	0.032	0.032	
12:55	N/A	N/A	0.030	0.032	
12:56	N/A	N/A	0.033	0.032	
12:57	N/A	N/A	0.031	0.032	
12:58	N/A	N/A	0.029	0.033	
12:59	N/A	N/A	0.029	0.032	
13:00	N/A	N/A	0.028	0.032	
13:01	N/A	N/A	0.030	0.032	
13:02	N/A	N/A	0.031	0.031	
13:03	N/A	N/A	0.028	0.031	
13:04	N/A	N/A	0.030	0.031	
13:05	N/A	N/A	0.029	0.031	
13:06	N/A	N/A	0.033	0.030	
13:07	N/A	N/A	0.035	0.031	
13:08	N/A	N/A	0.032	0.031	
13:09	N/A	N/A	0.031	0.031	
13:10	N/A	N/A	0.033	0.031	
13:11	N/A	N/A	0.029	0.031	
13:12	N/A	N/A	0.032	0.031	
13:13	N/A	N/A	0.040	0.031	
13:14	N/A	N/A	0.068	0.031	
13:15	N/A	N/A	0.035	0.034	
13:16	N/A	N/A	0.036	0.034	
13:17	N/A	N/A	0.031	0.035	
13:18	N/A	N/A	0.033	0.035	
13:19	N/A	N/A	0.032	0.035	
13:20	N/A	N/A	0.030	0.035	
13:21	N/A	N/A	0.029	0.035	
13:22	N/A	N/A	0.032	0.035	
13:23	N/A	N/A	0.034	0.035	
13:24	N/A	N/A	0.030	0.035	
13:25	N/A	N/A	0.029	0.035	
13:26	N/A	N/A	0.032	0.035	
13:27	N/A	N/A	0.034	0.035	
13:28	N/A	N/A	0.034	0.035	
13:29	N/A	N/A	0.036	0.035	
13:30	N/A	N/A	0.036	0.032	
13:31	N/A	N/A	0.037	0.033	
13:32	N/A	N/A	0.039	0.033	
13:33	N/A	N/A	0.036	0.033	
13:34	N/A	N/A	0.035	0.033	
13:35	N/A	N/A	0.039	0.034	
13:36	N/A	N/A	0.037	0.034	
13:37	N/A	N/A	0.039	0.035	
13:38	N/A	N/A	0.041	0.035	
13:39	N/A	N/A	0.042	0.036	
13:40	N/A	N/A	0.037	0.036	
13:41	N/A	N/A	0.034	0.037	
13:42	N/A	N/A	0.038	0.037	
13:43	N/A	N/A	0.039	0.037	
13:44	N/A	N/A	0.048	0.038	
13:45	N/A	N/A	0.034	0.038	
13:46	N/A	N/A	0.037	0.038	
13:47	N/A	N/A	0.038	0.038	
13:48	N/A	N/A	0.037	0.038	
13:49	N/A	N/A	0.037	0.038	
13:50	N/A	N/A	0.039	0.038	
13:51	N/A	N/A	0.038	0.038	
13:52	N/A	N/A	0.041	0.039	
13:53	N/A	N/A	0.038	0.039	
13:54	N/A	N/A	0.039	0.038	
13:55	N/A	N/A	0.033	0.038	
13:56	N/A	N/A	0.041	0.038	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
13:57	N/A	N/A	0.035	0.038	
13:58	N/A	N/A	0.035	0.038	
13:59	N/A	N/A	0.028	0.038	
14:00	N/A	N/A	0.036	0.037	Downwind unit flow error.
14:01	N/A	N/A	0.036	0.037	
14:02	N/A	N/A	0.033	0.037	
14:03	N/A	N/A	0.040	0.036	
14:04	N/A	N/A	0.036	0.037	
14:05	N/A	N/A	0.033	0.037	
14:06	N/A	N/A	0.032	0.036	
14:07	N/A	N/A	0.038	0.036	
14:08	N/A	N/A	0.033	0.036	
14:09	N/A	N/A	0.035	0.035	
14:10	N/A	N/A	0.036	0.035	
14:11	N/A	N/A	0.036	0.035	
14:12	N/A	N/A	0.039	0.035	
14:13	N/A	N/A	0.038	0.035	
14:14	N/A	N/A	0.033	0.035	
14:15	N/A	N/A	0.037	0.036	
14:16	N/A	N/A	0.037	0.036	
14:17	N/A	N/A	0.039	0.036	
14:18	N/A	N/A	0.038	0.036	
14:19	N/A	N/A	0.035	0.036	
14:20	N/A	N/A	0.040	0.036	
14:21	N/A	N/A	0.037	0.036	
14:22	N/A	N/A	0.039	0.037	
14:23	N/A	N/A	0.037	0.037	
14:24	N/A	N/A	0.033	0.037	
14:25	N/A	N/A	0.035	0.037	
14:26	N/A	N/A	0.043	0.037	
14:27	N/A	N/A	0.042	0.037	
14:28	N/A	N/A	0.033	0.038	
14:29	N/A	N/A	0.033	0.037	
14:30	N/A	N/A	0.031	0.037	Bucket tamping of backfilled surfaces comences
14:31	N/A	N/A	0.036	0.037	
14:32	N/A	N/A	0.031	0.037	
14:33	N/A	N/A	0.031	0.036	
14:34	N/A	N/A	0.032	0.036	
14:35	N/A	N/A	0.029	0.036	
14:36	N/A	N/A	0.028	0.035	
14:37	N/A	N/A	0.033	0.034	
14:38	N/A	N/A	0.031	0.034	
14:39	N/A	N/A	0.031	0.033	
14:40	N/A	N/A	0.031	0.033	
14:41	N/A	N/A	0.036	0.033	
14:42	N/A	N/A	0.031	0.033	
14:43	N/A	N/A	0.038	0.032	
14:44	N/A	N/A	0.032	0.032	
14:45	N/A	N/A	0.031	0.032	
14:46	N/A	N/A	0.030	0.032	
14:47	N/A	N/A	0.032	0.032	
14:48	N/A	N/A	0.028	0.032	
14:49	N/A	N/A	0.032	0.032	
14:50	N/A	N/A	0.031	0.032	
14:51	N/A	N/A	0.034	0.032	
14:52	N/A	N/A	0.036	0.032	
14:53	N/A	N/A	0.031	0.032	
14:54	N/A	N/A	0.034	0.032	
14:55	N/A	N/A	0.034	0.032	
14:56	N/A	N/A	0.028	0.033	
14:57	N/A	N/A	0.032	0.032	
14:58	N/A	N/A	0.030	0.032	
14:59	N/A	N/A	0.031	0.032	
15:00	N/A	N/A	0.032	0.032	
15:01	N/A	N/A	0.028	0.032	
15:02	N/A	N/A	0.029	0.032	
15:03	N/A	N/A	0.027	0.031	
15:04	N/A	N/A	0.031	0.031	
15:05	N/A	N/A	0.029	0.031	
15:06	N/A	N/A	0.030	0.031	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
15:07	N/A	N/A	0.032	0.031	
15:08	N/A	N/A	0.030	0.031	
15:09	N/A	N/A	0.029	0.030	
15:10	N/A	N/A	0.029	0.030	
15:11	N/A	N/A	0.034	0.030	
15:12	N/A	N/A	0.050	0.030	
15:13	N/A	N/A	0.031	0.031	
15:14	N/A	N/A	0.034	0.031	
15:15	N/A	N/A	0.039	0.032	
15:16	N/A	N/A	0.090	0.032	
15:17	N/A	N/A	0.039	0.036	
15:18	N/A	N/A	0.045	0.037	
15:19	N/A	N/A	0.035	0.038	
15:20	N/A	N/A	0.033	0.038	
15:21	N/A	N/A	0.035	0.039	
15:22	N/A	N/A	0.032	0.039	
15:23	N/A	N/A	0.031	0.039	
15:24	N/A	N/A	0.035	0.039	
15:25	N/A	N/A	0.031	0.039	
15:26	N/A	N/A	0.034	0.040	
15:27	N/A	N/A	0.032	0.040	
15:28	N/A	N/A	0.034	0.038	
15:29	N/A	N/A	0.034	0.039	
15:30	N/A	N/A	0.031	0.039	
15:31	N/A	N/A	0.035	0.038	
15:32	N/A	N/A	0.034	0.034	
15:33	N/A	N/A	0.033	0.034	
15:34	N/A	N/A	0.035	0.033	
15:35	N/A	N/A	0.035	0.033	
15:36	N/A	N/A	0.036	0.033	
15:37	N/A	N/A	0.036	0.033	
15:38	N/A	N/A	0.033	0.034	
15:39	N/A	N/A	0.043	0.034	
15:40	N/A	N/A	0.037	0.034	
15:41	N/A	N/A	0.034	0.035	
15:42	N/A	N/A	0.032	0.035	
15:43	N/A	N/A	0.037	0.035	
15:44	N/A	N/A	0.036	0.035	
15:45	N/A	N/A	0.030	0.035	
15:46	N/A	N/A	0.034	0.035	
15:47	N/A	N/A	0.034	0.035	
15:48	N/A	N/A	0.036	0.035	
15:49	N/A	N/A	0.043	0.035	
15:50	N/A	N/A	0.036	0.036	
15:51	N/A	N/A	0.040	0.036	
15:52	N/A	N/A	0.035	0.036	
15:53	N/A	N/A	0.060	0.036	Compaction concludes at 1600.

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
9:29	N/A	N/A	0.003		Begin earthwork at 0915
9:30	N/A	N/A	0.004		
9:31	N/A	N/A	0.004		
9:32	N/A	N/A	0.005		
9:33	N/A	N/A	0.004		
9:34	N/A	N/A	0.004		
9:35	N/A	N/A	0.005		
9:36	N/A	N/A	0.003		
9:37	N/A	N/A	0.005		
9:38	N/A	N/A	0.005		
9:39	N/A	N/A	0.004		
9:40	N/A	N/A	0.005		
9:41	N/A	N/A	0.004		
9:42	N/A	N/A	0.003		
9:43	N/A	N/A	0.004		
9:44	N/A	N/A	0.003	0.004	
9:45	N/A	N/A	0.003	0.004	
9:46	N/A	N/A	0.003	0.004	
9:47	N/A	N/A	0.005	0.004	
9:48	N/A	N/A	0.004	0.004	
9:49	N/A	N/A	0.004	0.004	
9:50	N/A	N/A	0.005	0.004	
9:51	N/A	N/A	0.004	0.004	
9:52	N/A	N/A	0.006	0.004	
9:53	N/A	N/A	0.005	0.004	
9:54	N/A	N/A	0.003	0.004	
9:55	N/A	N/A	0.003	0.004	
9:56	N/A	N/A	0.003	0.004	
9:57	N/A	N/A	0.003	0.004	
9:58	N/A	N/A	0.002	0.004	
9:59	N/A	N/A	0.003	0.004	
10:00	N/A	N/A	0.003	0.004	
10:01	N/A	N/A	0.003	0.004	
10:02	N/A	N/A	0.003	0.004	
10:03	N/A	N/A	0.003	0.004	
10:04	N/A	N/A	0.003	0.004	
10:05	N/A	N/A	0.003	0.003	
10:06	N/A	N/A	0.002	0.003	
10:07	N/A	N/A	0.002	0.003	Wind N 7 mph
10:08	N/A	N/A	0.002	0.003	
10:09	N/A	N/A	0.001	0.003	
10:10	N/A	N/A	0.002	0.003	
10:11	N/A	N/A	0.002	0.003	
10:12	N/A	N/A	0.002	0.002	
10:13	N/A	N/A	0.002	0.002	
10:14	N/A	N/A	0.001	0.002	
10:15	N/A	N/A	0.002	0.002	
10:16	N/A	N/A	0.003	0.002	
10:17	N/A	N/A	0.002	0.002	
10:18	N/A	N/A	0.001	0.002	
10:19	N/A	N/A	0.001	0.002	
10:20	N/A	N/A	0.003	0.002	
10:21	N/A	N/A	0.001	0.002	
10:22	N/A	N/A	0.003	0.002	
10:23	N/A	N/A	0.002	0.002	
10:24	N/A	N/A	0.002	0.002	
10:25	N/A	N/A	0.002	0.002	
10:26	N/A	N/A	0.001	0.002	
10:27	N/A	N/A	0.001	0.002	
10:28	N/A	N/A	0.001	0.002	
10:29	N/A	N/A	0.002	0.002	
10:30	N/A	N/A	0.001	0.002	
10:31	N/A	N/A	0.002	0.002	
10:32	N/A	N/A	0.002	0.002	
10:33	N/A	N/A	0.014	0.002	
10:34	N/A	N/A	0.015	0.003	
10:35	N/A	N/A	0.003	0.003	
10:36	N/A	N/A	0.003	0.003	
10:37	N/A	N/A	0.001	0.004	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
10:38	N/A	N/A	0.002	0.003	
10:39	N/A	N/A	0.001	0.003	
10:40	N/A	N/A	0.001	0.003	
10:41	N/A	N/A	0.002	0.003	
10:42	N/A	N/A	0.003	0.003	
10:43	N/A	N/A	0.002	0.004	
10:44	N/A	N/A	0.002	0.004	
10:45	N/A	N/A	0.002	0.004	
10:46	N/A	N/A	0.002	0.004	
10:47	N/A	N/A	0.004	0.004	
10:48	N/A	N/A	0.003	0.004	
10:49	N/A	N/A	0.004	0.003	
10:50	N/A	N/A	0.002	0.002	
10:51	N/A	N/A	0.004	0.002	
10:52	N/A	N/A	0.002	0.002	
10:53	N/A	N/A	0.002	0.002	
10:54	N/A	N/A	0.003	0.002	
10:55	N/A	N/A	0.001	0.003	
10:56	N/A	N/A	0.002	0.003	
10:57	N/A	N/A	0.001	0.003	
10:58	N/A	N/A	0.001	0.002	
10:59	N/A	N/A	0.002	0.002	
11:00	N/A	N/A	0.002	0.002	
11:01	N/A	N/A	0.002	0.002	
11:02	N/A	N/A	0.002	0.002	
11:03	N/A	N/A	0.001	0.002	
11:04	N/A	N/A	0.002	0.002	
11:05	N/A	N/A	0.002	0.002	
11:06	N/A	N/A	0.001	0.002	
11:07	N/A	N/A	0.002	0.002	
11:08	N/A	N/A	0.001	0.002	
11:09	N/A	N/A	0.001	0.002	
11:10	N/A	N/A	0.001	0.002	
11:11	N/A	N/A	0.001	0.002	
11:12	N/A	N/A	0.001	0.001	
11:13	N/A	N/A	0.001	0.001	
11:14	N/A	N/A	0.001	0.001	
11:15	N/A	N/A	0.001	0.001	
11:16	N/A	N/A	0.002	0.001	
11:17	N/A	N/A	0.001	0.001	
11:18	N/A	N/A	0.002	0.001	
11:19	N/A	N/A	0.001	0.001	
11:20	N/A	N/A	0.002	0.001	
11:21	N/A	N/A	0.002	0.001	
11:22	N/A	N/A	0.001	0.001	
11:23	N/A	N/A	0.002	0.001	
11:24	N/A	N/A	0.001	0.001	
11:25	N/A	N/A	0.002	0.001	
11:26	N/A	N/A	0.002	0.001	
11:27	N/A	N/A	0.002	0.001	
11:28	N/A	N/A	0.001	0.002	
11:29	N/A	N/A	0.002	0.002	
11:30	N/A	N/A	0.002	0.002	
11:31	N/A	N/A	0.002	0.002	
11:32	N/A	N/A	0.002	0.002	
11:33	N/A	N/A	0.002	0.002	
11:34	N/A	N/A	0.001	0.002	
11:35	N/A	N/A	0.002	0.002	
11:36	N/A	N/A	0.002	0.002	
11:37	N/A	N/A	0.002	0.002	
11:38	N/A	N/A	0.002	0.002	
11:39	N/A	N/A	0.005	0.002	
11:40	N/A	N/A	0.003	0.002	
11:41	N/A	N/A	0.004	0.002	
11:42	N/A	N/A	0.002	0.002	
11:43	N/A	N/A	0.003	0.002	
11:44	N/A	N/A	0.003	0.002	
11:45	N/A	N/A	0.002	0.002	
11:46	N/A	N/A	0.002	0.002	
11:47	N/A	N/A	0.002	0.002	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
11:48	N/A	N/A	0.002	0.002	
11:49	N/A	N/A	0.002	0.002	
11:50	N/A	N/A	0.001	0.003	
11:51	N/A	N/A	0.001	0.002	
11:52	N/A	N/A	0.002	0.002	
11:53	N/A	N/A	0.002	0.002	
11:54	N/A	N/A	0.001	0.002	
11:55	N/A	N/A	0.002	0.002	
11:56	N/A	N/A	0.002	0.002	
11:57	N/A	N/A	0.001	0.002	
11:58	N/A	N/A	0.002	0.002	
11:59	N/A	N/A	0.001	0.002	
12:00	N/A	N/A	0.001	0.002	
12:01	N/A	N/A	0.002	0.002	
12:02	N/A	N/A	0.002	0.002	
12:03	N/A	N/A	0.002	0.002	
12:04	N/A	N/A	0.003	0.002	
12:05	N/A	N/A	0.003	0.002	
12:06	N/A	N/A	0.002	0.002	
12:07	N/A	N/A	0.002	0.002	
12:08	N/A	N/A	0.002	0.002	
12:09	N/A	N/A	0.004	0.002	
12:10	N/A	N/A	0.003	0.002	
12:11	N/A	N/A	0.003	0.002	
12:12	N/A	N/A	0.003	0.002	
12:13	N/A	N/A	0.002	0.002	
12:14	N/A	N/A	0.002	0.002	
12:15	N/A	N/A	0.003	0.002	
12:16	N/A	N/A	0.002	0.003	
12:17	N/A	N/A	0.002	0.003	
12:18	N/A	N/A	0.003	0.003	
12:19	N/A	N/A	0.002	0.003	
12:20	N/A	N/A	0.004	0.003	
12:21	N/A	N/A	0.005	0.003	
12:22	N/A	N/A	0.005	0.003	
12:23	N/A	N/A	0.004	0.003	
12:24	N/A	N/A	0.005	0.003	
12:25	N/A	N/A	0.004	0.003	
12:26	N/A	N/A	0.004	0.003	
12:27	N/A	N/A	0.005	0.003	
12:28	N/A	N/A	0.004	0.003	
12:29	N/A	N/A	0.003	0.004	
12:30	N/A	N/A	0.005	0.004	
12:31	N/A	N/A	0.004	0.004	
12:32	N/A	N/A	0.013	0.004	
12:33	N/A	N/A	0.006	0.005	
12:34	N/A	N/A	0.004	0.005	
12:35	N/A	N/A	0.005	0.005	
12:36	N/A	N/A	0.004	0.005	
12:37	N/A	N/A	0.002	0.005	
12:38	N/A	N/A	0.002	0.005	
12:39	N/A	N/A	0.004	0.005	
12:40	N/A	N/A	0.003	0.005	
12:41	N/A	N/A	0.004	0.005	
12:42	N/A	N/A	0.003	0.005	
12:43	N/A	N/A	0.003	0.004	
12:44	N/A	N/A	0.004	0.004	
12:45	N/A	N/A	0.007	0.004	
12:46	N/A	N/A	0.004	0.005	
12:47	N/A	N/A	0.004	0.005	
12:48	N/A	N/A	0.004	0.004	
12:49	N/A	N/A	0.004	0.004	
12:50	N/A	N/A	0.006	0.004	
12:51	N/A	N/A	0.002	0.004	
12:52	N/A	N/A	0.002	0.004	
12:53	N/A	N/A	0.002	0.004	
12:54	N/A	N/A	0.004	0.004	
12:55	N/A	N/A	0.003	0.004	
12:56	N/A	N/A	0.004	0.004	
12:57	N/A	N/A	0.003	0.004	

See last page for notes.

Timestamp (EST)	Instantaneous VOC Concentration (ppm)	15-Minute Running Average VOC Concentration (ppm)	Instantaneous Particulate Concentration (mg/m³)	15-Minute Running Average Particulate Concentration (mg/m³)	Field Notes
12:58	N/A	N/A	0.004	0.004	
12:59	N/A	N/A	0.005	0.004	
13:00	N/A	N/A	0.006	0.004	
13:01	N/A	N/A	0.004	0.004	
13:02	N/A	N/A	0.003	0.004	
13:03	N/A	N/A	0.004	0.004	
13:04	N/A	N/A	0.003	0.004	
13:05	N/A	N/A	0.002	0.004	
13:06	N/A	N/A	0.003	0.003	
13:07	N/A	N/A	0.003	0.003	
13:08	N/A	N/A	0.003	0.004	
13:09	N/A	N/A	0.003	0.004	
13:10	N/A	N/A	0.003	0.004	
13:11	N/A	N/A	0.004	0.004	
13:12	N/A	N/A	0.003	0.004	
13:13	N/A	N/A	0.003	0.004	
13:14	N/A	N/A	0.007	0.003	
13:15	N/A	N/A	0.004	0.004	
13:16	N/A	N/A	0.004	0.003	
13:17	N/A	N/A	0.005	0.003	
13:18	N/A	N/A	0.005	0.004	
13:19	N/A	N/A	0.007	0.004	
13:20	N/A	N/A	0.018	0.004	
13:21	N/A	N/A	0.027	0.005	
13:22	N/A	N/A	0.012	0.007	
13:23	N/A	N/A	0.008	0.007	
13:24	N/A	N/A	0.011	0.008	
13:25	N/A	N/A	0.007	0.008	
13:26	N/A	N/A	0.005	0.008	
13:27	N/A	N/A	0.007	0.008	
13:28	N/A	N/A	0.008	0.009	
13:29	N/A	N/A	0.014	0.009	
13:30	N/A	N/A	0.006	0.009	
13:31	N/A	N/A	0.007	0.010	
13:32	N/A	N/A	0.005	0.010	
13:33	N/A	N/A	0.007	0.010	
13:34	N/A	N/A	0.009	0.010	
13:35	N/A	N/A	0.006	0.010	
13:36	N/A	N/A	0.006	0.009	
13:37	N/A	N/A	0.006	0.008	
13:38	N/A	N/A	0.005	0.007	
13:39	N/A	N/A	0.005	0.007	
13:40	N/A	N/A	0.005	0.007	
13:41	N/A	N/A	0.005	0.007	
13:42	N/A	N/A	0.005	0.007	
13:43	N/A	N/A	0.006	0.007	
13:44	N/A	N/A	0.005	0.006	
13:45	N/A	N/A	0.011	0.006	
13:46	N/A	N/A	0.004	0.006	
13:47	N/A	N/A	0.003	0.006	
13:48	N/A	N/A	0.005	0.006	
13:49	N/A	N/A	-0.002	0.006	
13:50	N/A	N/A	-0.003	0.005	
13:51	N/A	N/A	-0.002	0.004	
13:52	N/A	N/A	-0.003	0.004	
13:53	N/A	N/A	-0.003	0.003	
13:54	N/A	N/A	-0.003	0.003	
13:55	N/A	N/A	-0.001	0.002	
13:56	N/A	N/A	-0.003	0.002	
13:57	N/A	N/A	-0.003	0.001	
13:58	N/A	N/A	-0.003	0.001	
13:59	N/A	N/A	-0.003	0.000	
14:00	N/A	N/A	-0.003	0.000	Flow error downwind unit. See manual data entry for downwind readings until work stops at 1600.
14:01	N/A	N/A	-0.003	-0.001	

See last page for notes.

Notes:

1. The 15-minute running average particulate level and VOC concentrations are monitored per Appendix 1A of DER Particulate levels monitored with a DustTrak Model 8530.
2. VOC concentrations monitored with a RAE Systems minRAE3000 at downwind position and at work zone during excavation activities. VOC readings were not taken at upwind locations or at either location during backfilling activities as per NYSDEC approval for modified CAMP. See Appendix E.3
3. Instantaneous particulate level and VOC concentration are monitored to give early warning of any potential issues.
4. The 15-minute running average particulate level and VOC concentrations are monitored per Appendix 1A of DER-10 during implementation of the Community Air Monitoring Plan (CAMP).
5. Blank particulate or PID fields represent times when, though the units were continuously monitoring, telemetry did not transmit data. Despite gaps in telemetry data, CAMP data monitoring is continuous and the data recording is still at a frequency that is higher than the requirements of DER-10
6. Cells highlighted in red indicate exceedances for the action level (100 mcg/m^3) as detailed in Appendix E of the NYSDEC-approved Stantec RAWP (2020).

Key:

mg/m^3 = milligrams per cubic meter
PID = photoionization detector
ppm = parts per million
VOC = volatile organic compound
N/A = not applicable

From:	Klier, Joshuah J (DEC)
To:	Best, Laura
Cc:	jpenna@depaul.org; Harrienger, Dwight; Florentino, Gene; Kita, Andrew; Selmer, Stephanie L (HEALTH); Deming, Justin H (HEALTH); Pratt, David (DEC); Morgan, Adam T (DEC)
Subject:	RE: Carriage Factory Site (BCP Site No. C828184) - Notification of Upcoming Work
Date:	Thursday, March 7, 2024 2:23:48 PM
Attachments:	image001.png

Laura,

Thank you providing the detailed EWP notice. DEC has no comments at this time.

As you noted, the activities should be covered in the 2025 PRR. Obviously, please keep us in the loop as work develops and let us know if anything comes up (i.e. contaminated materials found, etc).

Please update us on the date and time for fieldwork as they are finalized.

Cheers,
Josh.
--

Joshuah J. Klier (Josh), G.I.T., M.S. *(he/him/his)*
Assistant Geologist | Project Manager
Division of Environmental Remediation – Region 8
New York State Department of Environmental Conservation
6274 East Avon-Lima Road, Avon, NY, 14414
P: (585) 226-5357 | F: (585) 226-8139 | joshuah.klier@dec.ny.gov

CONFIDENTIALITY NOTICE – This e-mail (including any attachments) may contain information which is privileged, confidential or otherwise exempt from disclosure under applicable law. This e-mail is intended only for the recipient(s) named in the message header. If you are not the intended recipient of this e-mail, please notify the sender immediately and delete this e-mail, all copies in your e-mail system, and destroy any printed copies. Any disclosure, reproduction, distribution or other use of this message or any attachments by an individual or entity other than the intended recipient(s) without prior authorization from the original sender is strictly prohibited.

From: Best, Laura <Laura.Best@stantec.com>
Sent: Thursday, March 7, 2024 10:47 AM
To: Klier, Joshuah J (DEC) <Joshuah.Klier@dec.ny.gov>
Cc: jpenna@depaul.org; Harrienger, Dwight <dwight.harrienger@stantec.com>; Florentino, Gene <Gene.Florentino@stantec.com>; Kita, Andrew <Andrew.Kita@stantec.com>
Subject: Carriage Factory Site (BCP Site No. C828184) - Notification of Upcoming Work

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

Dear Josh,

On behalf of Carriage Factory Special Needs Apartments, L.P. (CFSNA), we are submitting this notice of upcoming work at the Former Carriage Factory BCP Site No. C828184:

Description of Proposed Work:

- As discussed, the proposed work includes exterior excavation and backfill for new utility line connections and installation of a concrete dumpster pad (see attached site plan). Surface disturbances will include: exterior excavations (~4-6' deep) for utility lines, asphalt removal for the new dumpster pad, excavation box-out (~18" deep) for the new concrete dumpster pad, and drilling two new posts around the dumpster pad (~4' deep).
- These are important site activities for the facility to improve heating, ventilation, and air conditioning (HVAC) operations and upgrade the facility's dumpster staging. The proposed excavation depths are generally shallow and will only encounter thin intervals (~2-4') of material below the cover system demarcation layer (filter fabric placed at 2' below ground surface (bgs) in landscaped areas and 20" bgs in paved areas); for the new dumpster 18" box-out, no material below the cover system is anticipated to be exposed. Soils beneath the demarcation layer are not known to exhibit volatile organic compound (VOC) impacts in this area of the Site but may contain urban fill or unforeseen contamination.
- The work area is near an area with chlorinated groundwater impacts; however, the shallow excavation depths are not anticipated to encounter groundwater (typically 4-6' bgs in nearby wells). The proposed site improvement activities are not expected to impact completed remedial measures as the cover system will be restored following completion of the work and there will be no disruption to the sub-slab depressurization system (SSDS) operation or to components of the groundwater remediation system (injection piping and monitoring wells).
- The Site Management Plan (SMP) will be adhered to during construction activities, and the improvements will not modify the Site boundary or limits of the Environmental Easement or otherwise change the allowable use of the property. CFSNA understands that the work must be performed in accordance with the Excavation Work Plan, where applicable.
- Continuous on-site monitoring will be performed during proposed soil excavation and backfill activities. Cover soils above the demarcation barrier will be removed first and containerized onsite in a roll-off designated for cover system materials. Potentially contaminated soils below the demarcation barrier will be segregated and placed in a separate container. During excavations below the demarcation layer, the excavated materials will be screened using a Photoionization Detector (PID) and observed for visual/olfactory indications of impacts. If no visual, olfactory, or PID indications of impact are observed, then the material will be used as backfill in the trench from where it originated. Contaminated materials will be segregated from non-impacted materials, and will not be reused without additional characterization and discussions with NYSDEC.
- At this time, CFSNA does not anticipate requiring off-site management of materials, assuming the excavated materials will be suitable for onsite reuse. If there is excess material, or the materials are found to not be suitable for reuse per the SMP, they will be characterized and disposed off-site at a permitted landfill.
- CFSNA also anticipates the only imported material would be stone, if needed, for additional backfill. The contractor will provide us with a sieve analysis from the vendor that will be included in a Request to Import form.

Schedule of Proposed Work:

- During the week of March 18th, 2024 (tentative start date of Wed. 3/20), LG Evans Construction Inc. (LG Evans) will dig the trench for the lines between the building and the cooling tower. Stantec will be on-site for community air monitoring and visual/PID observations of the excavated materials, as well as recording material management in accordance with the SMP. The excavation activities are anticipated to take approximately 3-5 days. If potentially contaminated soils are observed based on visual, olfactory, or PID observations, the material will be staged separately from the cover system materials and the non-impacted materials below the demarcation layer for future waste characterization. If contamination is encountered within the future trench work zone, in-trench work may need to be postponed until that contamination is characterized such that the subcontractors are informed relative to their own companies' respective health and safety policies.

- Kennedy Mechanical, Inc. (Kennedy) and Radec Electrical Corporation (Radec) will install the pipes and conduits inside the trench. This will take approximately 5 working days. Stantec will not be on-site during this work.
- Following completion of the above work, LG Evans will backfill the trench. Where the demarcation barrier was disturbed during the work, LG Evans will reinstall the barrier (or provide a new barrier). This will take approximately 3-5 days. Stantec will still be on-site for community air monitoring during the backfill operations. The cover system will be restored using the existing cover materials or commercially-bagged topsoil. If additional cover system materials are needed, a Request to Import form will be submitted for NYSDEC review/approval.
- The activities will be documented in the next (April 2025) Periodic Review Report.

Please advise if you have any questions or concerns related to the scope or schedule of the upcoming work.

Thank you, Laura

Laura Best
Mobile: 585 301-0166
Laura.Best@stantec.com

Stantec
61 Commercial Street Suite 100
Rochester NY 14614-1009

The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately.

Caution: This email originated from outside of Stantec. Please take extra precaution.

Attention: Ce courriel provient de l'extérieur de Stantec. Veuillez prendre des précautions supplémentaires.

Atención: Este correo electrónico proviene de fuera de Stantec. Por favor, tome precauciones adicionales.

From:	Klier, Joshuah J (DEC)
To:	Best, Laura
Cc:	Pratt, David (DEC); Morgan, Adam T (DEC); Selmer, Stephanie L (HEALTH); Deming, Justin H (HEALTH)
Subject:	RE: Carriage Factory Site (BCP Site No. C828184) - Notification of Upcoming Work
Date:	Monday, March 18, 2024 4:18:46 PM
Attachments:	image001.png

Hi Laura,

This is okay with us.

Cheers,
Josh.
--

Joshuah J. Klier (Josh), G.I.T., M.S. *(he/him/his)*
Assistant Geologist | Project Manager
Division of Environmental Remediation – Region 8
New York State Department of Environmental Conservation
6274 East Avon-Lima Road, Avon, NY, 14414
P: (585) 226-5357 | F: (585) 226-8139 | joshuah.klier@dec.ny.gov

CONFIDENTIALITY NOTICE – This e-mail (including any attachments) may contain information which is privileged, confidential or otherwise exempt from disclosure under applicable law. This e-mail is intended only for the recipient(s) named in the message header. If you are not the intended recipient of this e-mail, please notify the sender immediately and delete this e-mail, all copies in your e-mail system, and destroy any printed copies. Any disclosure, reproduction, distribution or other use of this message or any attachments by an individual or entity other than the intended recipient(s) without prior authorization from the original sender is strictly prohibited.

From: Best, Laura <Laura.Best@stantec.com>
Sent: Monday, March 18, 2024 12:48 PM
To: Klier, Joshuah J (DEC) <Joshuah.Klier@dec.ny.gov>
Subject: RE: Carriage Factory Site (BCP Site No. C828184) - Notification of Upcoming Work

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

Hi Josh,

The start date/time for the excavation work is this Wednesday 3/20 at 8AM.

During our planning process, one clarification arose re CAMP requirements during backfill activities. If no contamination is encountered, we are requesting to reduce our CAMP setup to upwind/downwind particulate monitoring only, assuming no VOC contamination is indicated (based on visual, olfactory, and PID screening) during the excavation process. Please let me know when you get a chance.

Thank you, Laura

From: Klier, Joshuah J (DEC) <Joshuah.Klier@dec.ny.gov>
Sent: Thursday, March 7, 2024 2:24 PM
To: Best, Laura <Laura.Best@stantec.com>

Cc: jpenna@depaul.org; Harrienger, Dwight <dwight.harrienger@stantec.com>; Florentino, Gene <Gene.Florentino@stantec.com>; Kita, Andrew <Andrew.Kita@stantec.com>; Selmer, Stephanie L (HEALTH) <stephanie.selmer@health.ny.gov>; Deming, Justin H (HEALTH) <justin.deming@health.ny.gov>; Pratt, David (DEC) <david.pratt@dec.ny.gov>; Morgan, Adam T (DEC) <adam.morgan@dec.ny.gov>
Subject: RE: Carriage Factory Site (BCP Site No. C828184) - Notification of Upcoming Work

Laura,

Thank you providing the detailed EWP notice. DEC has no comments at this time.

As you noted, the activities should be covered in the 2025 PRR. Obviously, please keep us in the loop as work develops and let us know if anything comes up (i.e. contaminated materials found, etc).

Please update us on the date and time for fieldwork as they are finalized.

Cheers,
Josh.
--

Joshuah J. Klier (Josh), G.I.T., M.S. *(he/him/his)*
Assistant Geologist | Project Manager
Division of Environmental Remediation – Region 8
New York State Department of Environmental Conservation
6274 East Avon-Lima Road, Avon, NY, 14414
P: (585) 226-5357 | F: (585) 226-8139 | joshuah.klier@dec.ny.gov

CONFIDENTIALITY NOTICE – This e-mail (including any attachments) may contain information which is privileged, confidential or otherwise exempt from disclosure under applicable law. This e-mail is intended only for the recipient(s) named in the message header. If you are not the intended recipient of this e-mail, please notify the sender immediately and delete this e-mail, all copies in your e-mail system, and destroy any printed copies. Any disclosure, reproduction, distribution or other use of this message or any attachments by an individual or entity other than the intended recipient(s) without prior authorization from the original sender is strictly prohibited.

From: Best, Laura <Laura.Best@stantec.com>
Sent: Thursday, March 7, 2024 10:47 AM
To: Klier, Joshuah J (DEC) <Joshuah.Klier@dec.ny.gov>
Cc: jpenna@depaul.org; Harrienger, Dwight <dwight.harrienger@stantec.com>; Florentino, Gene <Gene.Florentino@stantec.com>; Kita, Andrew <Andrew.Kita@stantec.com>
Subject: Carriage Factory Site (BCP Site No. C828184) - Notification of Upcoming Work

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

Dear Josh,

On behalf of Carriage Factory Special Needs Apartments, L.P. (CFSNA), we are submitting this notice of upcoming work at the Former Carriage Factory BCP Site No. C828184:

Description of Proposed Work:

- As discussed, the proposed work includes exterior excavation and backfill for new utility line connections and installation of a concrete dumpster pad (see attached site plan). Surface disturbances will include: exterior excavations (~4-6' deep) for utility lines, asphalt removal for the new dumpster pad, excavation box-out (~18" deep) for the new concrete dumpster pad, and drilling two new posts around the dumpster pad (~4' deep).
- These are important site activities for the facility to improve heating, ventilation, and air conditioning (HVAC) operations and upgrade the facility's dumpster staging. The proposed excavation depths are generally shallow and will only encounter thin intervals (~2-4') of material below the cover system demarcation layer (filter fabric placed at 2' below ground surface (bgs) in landscaped areas and 20" bgs in paved areas); for the new dumpster 18" box-out, no material below the cover system is anticipated to be exposed. Soils beneath the demarcation layer are not known to exhibit volatile organic compound (VOC) impacts in this area of the Site but may contain urban fill or unforeseen contamination.
- The work area is near an area with chlorinated groundwater impacts; however, the shallow excavation depths are not anticipated to encounter groundwater (typically 4-6' bgs in nearby wells). The proposed site improvement activities are not expected to impact completed remedial measures as the cover system will be restored following completion of the work and there will be no disruption to the sub-slab depressurization system (SSDS) operation or to components of the groundwater remediation system (injection piping and monitoring wells).
- The Site Management Plan (SMP) will be adhered to during construction activities, and the improvements will not modify the Site boundary or limits of the Environmental Easement or otherwise change the allowable use of the property. CFSNA understands that the work must be performed in accordance with the Excavation Work Plan, where applicable.
- Continuous on-site monitoring will be performed during proposed soil excavation and backfill activities. Cover soils above the demarcation barrier will be removed first and containerized onsite in a roll-off designated for cover system materials. Potentially contaminated soils below the demarcation barrier will be segregated and placed in a separate container. During excavations below the demarcation layer, the excavated materials will be screened using a Photoionization Detector (PID) and observed for visual/olfactory indications of impacts. If no visual, olfactory, or PID indications of impact are observed, then the material will be used as backfill in the trench from where it originated. Contaminated materials will be segregated from non-impacted materials, and will not be reused without additional characterization and discussions with NYSDEC.
- At this time, CFSNA does not anticipate requiring off-site management of materials, assuming the excavated materials will be suitable for onsite reuse. If there is excess material, or the materials are found to not be suitable for reuse per the SMP, they will be characterized and disposed off-site at a permitted landfill.
- CFSNA also anticipates the only imported material would be stone, if needed, for additional backfill. The contractor will provide us with a sieve analysis from the vendor that will be included in a Request to Import form.

Schedule of Proposed Work:

- During the week of March 18th, 2024 (tentative start date of Wed. 3/20), LG Evans Construction Inc. (LG Evans) will dig the trench for the lines between the building and the cooling tower. Stantec will be on-site for community air monitoring and visual/PID observations of the excavated materials, as well as recording material management in accordance with the SMP. The excavation activities are anticipated to take approximately 3-5 days. If potentially contaminated soils are observed based on visual, olfactory, or PID observations, the material will be staged separately from the cover system materials and the non-impacted materials below the demarcation layer for future waste characterization. If contamination is encountered within the future trench work zone, in-trench work may need to be postponed until that contamination is characterized such that the subcontractors are informed relative to their own

companies' respective health and safety policies.

- Kennedy Mechanical, Inc. (Kennedy) and Radec Electrical Corporation (Radec) will install the pipes and conduits inside the trench. This will take approximately 5 working days. Stantec will not be on-site during this work.
- Following completion of the above work, LG Evans will backfill the trench. Where the demarcation barrier was disturbed during the work, LG Evans will reinstall the barrier (or provide a new barrier). This will take approximately 3-5 days. Stantec will still be on-site for community air monitoring during the backfill operations. The cover system will be restored using the existing cover materials or commercially-bagged topsoil. If additional cover system materials are needed, a Request to Import form will be submitted for NYSDEC review/approval.
- The activities will be documented in the next (April 2025) Periodic Review Report.

Please advise if you have any questions or concerns related to the scope or schedule of the upcoming work.

Thank you, Laura

Laura Best
Mobile: 585 301-0166
Laura.Best@stantec.com

Stantec
61 Commercial Street Suite 100
Rochester NY 14614-1009

The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately.

Caution: This email originated from outside of Stantec. Please take extra precaution.

Attention: Ce courriel provient de l'extérieur de Stantec. Veuillez prendre des précautions supplémentaires.

Atención: Este correo electrónico proviene de fuera de Stantec. Por favor, tome precauciones adicionales.

Caution: This email originated from outside of Stantec. Please take extra precaution.

Attention: Ce courriel provient de l'extérieur de Stantec. Veuillez prendre des précautions supplémentaires.

Atención: Este correo electrónico proviene de fuera de Stantec. Por favor, tome precauciones adicionales.

From:	Best, Laura
To:	Klier, Joshuah J (DEC)
Subject:	RE: Carriage Factory Site (BCP Site No. C828184) - Notification of Upcoming Work
Date:	Tuesday, March 26, 2024 9:55:00 AM
Attachments:	image001.png

Good morning Josh,

The contractor finished up digging yesterday and are tentatively planning to start backfilling on Friday. No indications of contamination were encountered and the material above/below the demarcation layer were stored separately in accordance with our notification.

The existing demarcation layer that was temporarily removed was filter fabric. The SMP specifies filter fabric as the demarcation layer type (in that area of the Site) but we are wondering if replacement in-kind would be required as the contractor has proposed to utilize orange construction fencing as the new demarcation layer. Please let me know if it is acceptable to replace the demarcation layer with a different type (orange construction fencing).

Thank you, Laura
585-301-0166

From: Klier, Joshuah J (DEC) <Joshuah.Klier@dec.ny.gov>
Sent: Monday, March 18, 2024 4:19 PM
To: Best, Laura <Laura.Best@stantec.com>
Cc: Pratt, David (DEC) <david.pratt@dec.ny.gov>; Morgan, Adam T (DEC) <adam.morgan@dec.ny.gov>; Selmer, Stephanie L (HEALTH) <stephanie.selmer@health.ny.gov>; Deming, Justin H (HEALTH) <justin.deming@health.ny.gov>
Subject: RE: Carriage Factory Site (BCP Site No. C828184) - Notification of Upcoming Work

Hi Laura,

This is okay with us.

Cheers,
Josh.
--

Joshuah J. Klier (Josh), G.I.T., M.S. *(he/him/his)*
Assistant Geologist | Project Manager
Division of Environmental Remediation – Region 8
New York State Department of Environmental Conservation
6274 East Avon-Lima Road, Avon, NY, 14414
P: (585) 226-5357 | F: (585) 226-8139 | joshuah.klier@dec.ny.gov

CONFIDENTIALITY NOTICE – This e-mail (including any attachments) may contain information which is privileged, confidential or otherwise exempt from disclosure under applicable law. This e-mail is intended only for the recipient(s) named in the message header. If you are not the intended recipient of this e-mail, please notify the sender immediately and delete this e-mail, all copies in your e-mail system, and destroy any printed copies. Any disclosure, reproduction, distribution or other use of this message or any attachments by an individual or entity other than the intended recipient(s) without prior authorization from the original sender is strictly prohibited.

From: Best, Laura <Laura.Best@stantec.com>
Sent: Monday, March 18, 2024 12:48 PM
To: Klier, Joshuah J (DEC) <Joshuah.Klier@dec.ny.gov>
Subject: RE: Carriage Factory Site (BCP Site No. C828184) - Notification of Upcoming Work

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

Hi Josh,

The start date/time for the excavation work is this Wednesday 3/20 at 8AM.

During our planning process, one clarification arose re CAMP requirements during backfill activities. If no contamination is encountered, we are requesting to reduce our CAMP setup to upwind/downwind particulate monitoring only, assuming no VOC contamination is indicated (based on visual, olfactory, and PID screening) during the excavation process. Please let me know when you get a chance.

Thank you, Laura

From: Klier, Joshuah J (DEC) <Joshuah.Klier@dec.ny.gov>
Sent: Thursday, March 7, 2024 2:24 PM
To: Best, Laura <Laura.Best@stantec.com>
Cc: jpenna@depaul.org; Harrienger, Dwight <dwight.harrienger@stantec.com>; Florentino, Gene <Gene.Florentino@stantec.com>; Kita, Andrew <Andrew.Kita@stantec.com>; Selmer, Stephanie L (HEALTH) <stephanie.selmer@health.ny.gov>; Deming, Justin H (HEALTH) <justin.deming@health.ny.gov>; Pratt, David (DEC) <david.pratt@dec.ny.gov>; Morgan, Adam T (DEC) <adam.morgan@dec.ny.gov>
Subject: RE: Carriage Factory Site (BCP Site No. C828184) - Notification of Upcoming Work

Laura,

Thank you providing the detailed EWP notice. DEC has no comments at this time.

As you noted, the activities should be covered in the 2025 PRR. Obviously, please keep us in the loop as work develops and let us know if anything comes up (i.e. contaminated materials found, etc).

Please update us on the date and time for fieldwork as they are finalized.

Cheers,
Josh.
--
Joshuah J. Klier (Josh), G.I.T., M.S. *(he/him/his)*
Assistant Geologist | Project Manager
Division of Environmental Remediation – Region 8
New York State Department of Environmental Conservation
6274 East Avon-Lima Road, Avon, NY, 14414
P: (585) 226-5357 | F: (585) 226-8139 | joshuah.klier@dec.ny.gov

CONFIDENTIALITY NOTICE – This e-mail (including any attachments) may contain information which is privileged, confidential or otherwise exempt from disclosure under applicable law. This e-mail is intended only for the recipient(s) named in the message header. If you are not the intended recipient of this e-mail, please notify the sender immediately and delete this e-mail, all copies in your e-mail system, and destroy any printed copies. Any disclosure, reproduction, distribution or other use of this message or any attachments by an individual or entity other than the intended recipient(s) without prior authorization from the original sender is strictly prohibited.

From: Best, Laura <Laura.Best@stantec.com>
Sent: Thursday, March 7, 2024 10:47 AM
To: Klier, Joshuah J (DEC) <Joshuah.Klier@dec.ny.gov>
Cc: jpenna@depaul.org; Harrienger, Dwight <dwight.harrienger@stantec.com>; Florentino, Gene <Gene.Florentino@stantec.com>; Kita, Andrew <Andrew.Kita@stantec.com>
Subject: Carriage Factory Site (BCP Site No. C828184) - Notification of Upcoming Work

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

Dear Josh,

On behalf of Carriage Factory Special Needs Apartments, L.P. (CFSNA), we are submitting this notice of upcoming work at the Former Carriage Factory BCP Site No. C828184:

Description of Proposed Work:

- As discussed, the proposed work includes exterior excavation and backfill for new utility line connections and installation of a concrete dumpster pad (see attached site plan). Surface disturbances will include: exterior excavations (~4-6' deep) for utility lines, asphalt removal for the new dumpster pad, excavation box-out (~18" deep) for the new concrete dumpster pad, and drilling two new posts around the dumpster pad (~4' deep).
- These are important site activities for the facility to improve heating, ventilation, and air conditioning (HVAC) operations and upgrade the facility's dumpster staging. The proposed excavation depths are generally shallow and will only encounter thin intervals (~2-4') of material below the cover system demarcation layer (filter fabric placed at 2' below ground surface (bgs) in landscaped areas and 20" bgs in paved areas); for the new dumpster 18" box-out, no material below the cover system is anticipated to be exposed. Soils beneath the demarcation layer are not known to exhibit volatile organic compound (VOC) impacts in this area of the Site but may contain urban fill or unforeseen contamination.
- The work area is near an area with chlorinated groundwater impacts; however, the shallow excavation depths are not anticipated to encounter groundwater (typically 4-6' bgs in nearby wells). The proposed site improvement activities are not expected to impact completed remedial measures as the cover system will be restored following completion of the work and there will be no disruption to the sub-slab depressurization system (SSDS) operation or to components of the groundwater remediation system (injection piping and monitoring wells).
- The Site Management Plan (SMP) will be adhered to during construction activities, and the improvements will not modify the Site boundary or limits of the Environmental Easement or otherwise change the allowable use of the property. CFSNA understands that the work must be performed in accordance with the Excavation Work Plan, where applicable.
- Continuous on-site monitoring will be performed during proposed soil excavation and backfill activities. Cover soils above the demarcation barrier will be removed first and containerized onsite in a roll-off designated for cover system materials. Potentially contaminated soils below

the demarcation barrier will be segregated and placed in a separate container. During excavations below the demarcation layer, the excavated materials will be screened using a Photoionization Detector (PID) and observed for visual/olfactory indications of impacts. If no visual, olfactory, or PID indications of impact are observed, then the material will be used as backfill in the trench from where it originated. Contaminated materials will be segregated from non-impacted materials, and will not be reused without additional characterization and discussions with NYSDEC.

- At this time, CFSNA does not anticipate requiring off-site management of materials, assuming the excavated materials will be suitable for onsite reuse. If there is excess material, or the materials are found to not be suitable for reuse per the SMP, they will be characterized and disposed off-site at a permitted landfill.
- CFSNA also anticipates the only imported material would be stone, if needed, for additional backfill. The contractor will provide us with a sieve analysis from the vendor that will be included in a Request to Import form.

Schedule of Proposed Work:

- During the week of March 18th, 2024 (tentative start date of Wed. 3/20), LG Evans Construction Inc. (LG Evans) will dig the trench for the lines between the building and the cooling tower. Stantec will be on-site for community air monitoring and visual/PID observations of the excavated materials, as well as recording material management in accordance with the SMP. The excavation activities are anticipated to take approximately 3-5 days. If potentially contaminated soils are observed based on visual, olfactory, or PID observations, the material will be staged separately from the cover system materials and the non-impacted materials below the demarcation layer for future waste characterization. If contamination is encountered within the future trench work zone, in-trench work may need to be postponed until that contamination is characterized such that the subcontractors are informed relative to their own companies' respective health and safety policies.
- Kennedy Mechanical, Inc. (Kennedy) and Radec Electrical Corporation (Radec) will install the pipes and conduits inside the trench. This will take approximately 5 working days. Stantec will not be on-site during this work.
- Following completion of the above work, LG Evans will backfill the trench. Where the demarcation barrier was disturbed during the work, LG Evans will reinstall the barrier (or provide a new barrier). This will take approximately 3-5 days. Stantec will still be on-site for community air monitoring during the backfill operations. The cover system will be restored using the existing cover materials or commercially-bagged topsoil. If additional cover system materials are needed, a Request to Import form will be submitted for NYSDEC review/approval.
- The activities will be documented in the next (April 2025) Periodic Review Report.

Please advise if you have any questions or concerns related to the scope or schedule of the upcoming work.

Thank you, Laura

Laura Best
Mobile: 585 301-0166
Laura.Best@stantec.com

Stantec
61 Commercial Street Suite 100
Rochester NY 14614-1009

The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written

authorization. If you are not the intended recipient, please delete all copies and notify us immediately.

Caution: This email originated from outside of Stantec. Please take extra precaution.

Attention: Ce courriel provient de l'extérieur de Stantec. Veuillez prendre des précautions supplémentaires.

Atención: Este correo electrónico proviene de fuera de Stantec. Por favor, tome precauciones adicionales.

Caution: This email originated from outside of Stantec. Please take extra precaution.

Attention: Ce courriel provient de l'extérieur de Stantec. Veuillez prendre des précautions supplémentaires.

Atención: Este correo electrónico proviene de fuera de Stantec. Por favor, tome precauciones adicionales.

From: Klier, Joshuah J (DEC)
To: Best, Laura
Subject: Re: Message from STANTEC (5853010166)
Date: Thursday, March 28, 2024 10:58:39 AM

Hi Laura,

I'm out in the field this week, but I got your message. Any type of demarcation is fine.

Cheers,
Josh

Get Outlook for iOS

From: Cisco Unity Connection Messaging System <unityconnection@eec.ucc.ny.gov>
Sent: Thursday, March 28, 2024 10:39:16 AM
To: joshuah.klier_dec.ny.gov@eec.ucc.ny.gov <joshuah.klier_dec.ny.gov@eec.ucc.ny.gov>
Subject: Message from STANTEC (5853010166)

Caution: This email originated from outside of Stantec. Please take extra precaution.

Attention: Ce courriel provient de l'extérieur de Stantec. Veuillez prendre des précautions supplémentaires.

Atención: Este correo electrónico proviene de fuera de Stantec. Por favor, tome precauciones adicionales.

From: Klier, Joshuah J (DEC)
To: Best, Laura
Cc: Pratt, David (DEC); Morgan, Adam T (DEC)
Subject: RE: Request to Import Stone - C828184 Carriage Factory
Date: Tuesday, April 9, 2024 8:43:34 AM
Attachments: image001.png

Hi Laura,

These materials are approved for import.

Cheers,
Josh.
--

Joshuah J. Klier (Josh), G.I.T., M.S. *(he/him/his)*
Assistant Geologist | Project Manager
Division of Environmental Remediation – Region 8

New York State Department of Environmental Conservation
6274 East Avon-Lima Road, Avon, NY, 14414
P: (585) 226-5357 | F: (585) 226-8139 | joshuah.klier@dec.ny.gov

CONFIDENTIALITY NOTICE – This e-mail (including any attachments) may contain information which is privileged, confidential or otherwise exempt from disclosure under applicable law. This e-mail is intended only for the recipient(s) named in the message header. If you are not the intended recipient of this e-mail, please notify the sender immediately and delete this e-mail, all copies in your e-mail system, and destroy any printed copies. Any disclosure, reproduction, distribution or other use of this message or any attachments by an individual or entity other than the intended recipient(s) without prior authorization from the original sender is strictly prohibited.

From: Best, Laura <Laura.Best@stantec.com>
Sent: Wednesday, April 3, 2024 10:33 AM
To: Klier, Joshuah J (DEC) <Joshuah.Klier@dec.ny.gov>
Subject: Request to Import Stone - C828184 Carriage Factory

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

Dear Josh,

Please find attached a request to import form and related attachments for the Carriage Factory BCP Site #C828184. As part of the ongoing trench project at the site, the contractor is requesting to import stone from the Dolomite Product's Penfield Quarry location, as follows:

- Approximately 10 tons of #1 and 2 stone bedding; and
- Approximately 10 to 20 tons of #2 crusher run stone sub-base.

Please let me know if you have any questions or comments on this request.

Thank you, Laura

Laura Best

Mobile: 585 301-0166
Laura.Best@stantec.com

Stantec
61 Commercial Street Suite 100
Rochester NY 14614-1009



The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately.

Caution: This email originated from outside of Stantec. Please take extra precaution.

Attention: Ce courriel provient de l'extérieur de Stantec. Veuillez prendre des précautions supplémentaires.

Atención: Este correo electrónico proviene de fuera de Stantec. Por favor, tome precauciones adicionales.

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

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

SECTION 1 – SITE BACKGROUND

The allowable site use is: Restricted Residential Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

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

If greater than 1000 cubic yards will be imported, enter volume to be imported: Note: see email RE tonna

SECTION 2 – MATERIAL OTHER THAN SOIL

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

Does it contain less than 10%, by weight, material that passes a size 100 sieve? no

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

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

SECTION 3 - SAMPLING

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

N/A

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

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

SECTION 3 CONT'D - SAMPLING

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

N/A

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

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

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Dolomite Products

Location where fill was obtained:

Penfield Quarry

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

NYSDOT-approved

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

Provide a list of supporting documentation included with this request:

- certification letter from the Dolomite Group (source of stone)
- sieve analyses for imported stone types

The information provided on this form is accurate and complete.

	4/1/2024
Signature	Date
Laura Best	
Print Name	
Stantec	
Firm	

LG Evans Construction, Inc
1823 Lakeville Road
Avon, NY 14414

March 28, 2024

ATTN: Doug Nothnagle

RE: DePaul Carriage Factory, Virgin Source Certification - Dolomite Products Penfield Quarry

I do hereby certify that all of the Crushed Stone supplied from the above referenced location is produced at a NYS DOT approved source. All of the material is free of industrial and/or other potential sources of chemical or petrole um contamination.

It is further acknowledged that The Dolomite Group designates this source as a "virgin" geological formation and this letter shall document that the source is all native materials from an area not having supported any known prior industrial or commercial development.

Samples can be analyzed at any time by an independent representative to verify compliance with the Materials Management Plan.

If you have any questions, please contact me.

Sincerely,

Kelsey Gage
Sales Representative

Christopher W. McClurg
The Dolomite Group, A CRH Company
Sales Manager

MATERIAL SUBMITTAL

800 Parker Hill Drive
Suite 400
Rochester, N.Y. 14625
(585) 381-7010

www.dolomitegroup.com

DATE: 1/18/2024
PAGE: 1 of 1

TO: Doug Nothnagle
OF: LG Evans Construction

PROJECT: Alta Vista - Site

CRUSHED STONE: Penfield Plant

NYSDOT Source #: 4-4R / 4-4RS / 4-4RFM / 4-4RSFM
Current NYSDOT Test #: 22AR068 / 21AR096S / 22AF121 / 21AF148

This is to certify that the Crushed Stone to be used on the above referenced project will be produced in accordance with the most current New York State Department of Transportation's, "Standard Specifications" and Addenda. All stone properties conform to sections 703.0201, 203, 304, 605 and 620 of the Specification. Specific values are listed below.

PROPERTY	VALUE	SPEC.
Mag. Sulfate Loss	4	18 max.
LA Abrasion Loss	24	35 max.
Flat and Elongated Pieces - 3:1	4	30 max.
5:1	0	10 max.
Crushed Particles	100	n.a.
Deleterious Materials	0	2 max.

stone sub-base

stone bedding

TYPICAL GRADATIONS (All Values are % Passing)

SIEVE SIZE	CRUSHER RUN #2	CRUSHER RUN #1	#1 STONE	#2 STONE	#1 & #2 BLEND	#1AW STONE
4" (100 mm)						
2" (50)	100					
1 1/2" (37.5)				100	100	
1" (25)	78	100	100	94	97	
1/2" (12.5)	57		91	14	53	100
1/4" (6.3)	38	54	14	2	8	92
#40 (0.425)	9	12				
#80 (.0177)	3	3	1	1	1	
#200 (0.075)	5	7	0.6	0.1	0.3	0.5
Typical Item Numbers	203.____ 304.____		605.0901		CA 2 ASTM 57	605.1001

LIGHT STONE FILL		
SIZE	VALUE	SPEC
Lighter Than 100 Lbs.	100	90 - 100
Larger Than 6"	55	50 - 100
Smaller Than 1/2"	8	0 - 10

Notes:

1) Proctor Density typically runs at approx 142 +/-2 pcf at 6-8% Moisture.(For Crusher Run products only)

2) Medium and Heavy Stone Fill Items are selected at time of purchase to satisfy project requirements.

Signed By: *Dylan Stein*

Dylan Stein - Sales and Billing Admin

RECEIVED
APR 23 2024

BY: .....

The Dolomite Group
A CRH COMPANY
800 Parker Hill Drive Suite 400
Rochester, NY 14625

Customer No: 920064
Invoice No: 1159197
Inv Date: 04/20/24
Page: Page 1 of 1
Customer PO: 1408
Customer Job: 49
DePaul Carriage Factory

LG Evans Construction, Inc.
1823 Lakeville Road
Avon NY 14414

ap@lgevansinc.com

Dolomite Products Co., Inc
800 Parker Hill Drive Suite 400
Rochester, NY 14625
(585) 381 7010

Delivered To: 1823 Lakeville Road

Date	Ticket#	Product#	Description	QTY	UM	Unit Price	Matl Total	Tax	Total
Plant: 00902 Stone - Penfield Main									
MATERIAL:	#1 & #2 WASHED								
04/15/24	224860	00084	#1 & #2 WASHED	3.35	TON	23.50	78.73	0.00	78.73
Total :	**Material**	#1 & #2 WASHED		**3.35**			**78.73**	**0.00**	**78.73**
			Total Invoice:	**3.35**			**78.73**	**0.00**	**78.73**

Finance Charges will be applied to any late invoices at a rate of 1.5% per month per credit agreement or the State's Lawful Amount

Invoice Amount: 78.73

Amount Paid: _____

Customer Name: LG Evans Construction, Inc.
Customer No: 920064
Invoice #: 1159197
Date: 04/20/24
Customer Job: 49
Customer PO: 1408
Due Date: 06/19/24

If you have any questions about your invoice please call (585) 381 7010

Remit Payment To: Dolomite Products Co., Inc
800 Parker Hill Drive Suite 400
Rochester, NY 14625

Please provide your email address below if you would like to start receiving your invoices via email

_____

Depaul
Vend # Dolomite Job Name 3,351+2 Wash
Inv. # 1159197 Inv. Date 4/20/24
Amt. 78.73 Job # 2024-09
CC ~~15~~ 33 GL 50400
Resp. Lewis Apprv. _____

MAIN OFFICE 1150 PENFIELD RD.
ROCHESTER, NY 14625 585-381-7010

GATES	585-235-9292	WALWORTH	315-524-2771	BROCKPORT	585-637-6834
MANCHESTER	315-462-2752	PALMYRA	315-331-2360	HOWARD	607-566-3422
PENFIELD	585-586-2567	LEROY	585-768-7295	BATH	607-776-3357
		OGDEN	585-352-0460		

Ticket No.: 224860

COPY 1

*** Outgoing ***

	Pounds	Tons
Gross:	23,740	11.87
Tare:	17,040	8.52
Net:	6,700	**3.35**

Ordered:
Received:
Remaining:

Tax ID: 2605 / Monroe County
Today: 3.35 Loads: 1
Todate: 3.35

Weighmaster: Michelle 540106

4/15/2024 12:00 pm **00902 - Penfield Stone**
Customer: 920064 LG EVANS CONSTRUCTION, INC.
Job: 49 DePaul Carriage Factory
Deliver To:

2024-09
cc# 0[illegible] 15

P.O.: 1408
Product: 00084 **#1 & #2 WASHED**
Pile #:
Vehicle: LG50 78190NC 06 Inter 6 wl LG Evans
Zone: None Haul Code: -- Haul Units: 0.00
Received:

It is the responsibility of each customer, and each driver, hauling product from our facility to comply with highway load limit laws. Tax exemptions, tax jurisdictions, and special tax handling not incorporated into a specific quote or reported at time of ticketing will be the customer's responsibility to resolve with the taxing jurisdictions. Pricing issues must be reported within 15 days of invoice date. Corrected invoices remain due on original due date. Incorporation of this material into a project shall be considered acceptance by the customer.

From: Klier, Joshuah J (DEC)
To: Best, Laura
Cc: DeLuca, Christiana; Morgan, Adam T (DEC)
Subject: Re: Request to Reuse Onsite Soil for Cover System Material - C828184 Carriage Factory
Date: Tuesday, April 9, 2024 11:24:30 AM

Laura,

Emerging containments should have been sampled for as well.

Since it's a small amount of material, we will allow without, but please keep in mind for future requests.

Material approved.

Get Outlook for iOS

From: Best, Laura <Laura.Best@stantec.com>
Sent: Tuesday, April 9, 2024 9:56 AM
To: Klier, Joshuah J (DEC) <Joshuah.Klier@dec.ny.gov>
Cc: DeLuca, Christiana <Christiana.DeLuca@stantec.com>
Subject: Request to Reuse Onsite Soil for Cover System Material - C828184 Carriage Factory

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

Dear Josh,

Please find attached a request to re-use soils derived from the excavation activities at the Carriage Factory BCP Site #C828184 onsite to restore the 2-ft cover system as they complete backfill operations.

As discussed on the phone, during portions of the excavation activities, a demarcation layer was not apparent and it became difficult to segregate "cover system materials" (above demarcation layer) with "backfill materials" (below demarcation layer). In areas where the demarcation layer was not observed or the segregation became infeasible, the materials were collectively considered "backfill". This led to a shortage of approved cover system materials. The remaining backfill materials – described as apparently [reworked] native light brown silty soils – did not exhibit visual, olfactory, or PID indications of impact, and were tested in accordance with DER-10 to evaluate their suitability for reuse as cover.

The attached form describes the sampling performed and the lab results. We are hoping to continue backfill operations tomorrow and would appreciate very much your review.

Please let me know if you have any questions or comments on this request.

Thank you, Laura

Laura Best, PG
Hydrogeologist

Direct: 585 413-5327
Mobile: 585 301-0166

Laura.Best@stantec.com

Stantec
61 Commercial Street Suite 100
Rochester NY 14614-1009

The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately.

Caution: This email originated from outside of Stantec. Please take extra precaution.

Attention: Ce courriel provient de l'extérieur de Stantec. Veuillez prendre des précautions supplémentaires.

Atención: Este correo electrónico proviene de fuera de Stantec. Por favor, tome precauciones adicionales.

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

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

SECTION 1 – SITE BACKGROUND

The allowable site use is: Restricted Residential Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

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

If greater than 1000 cubic yards will be imported, enter volume to be imported: Note: see email RE tonna

SECTION 2 – MATERIAL OTHER THAN SOIL

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

Does it contain less than 10%, by weight, material that would pass a size 80 sieve? no

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

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

SECTION 3 - SAMPLING

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

N/A

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

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

SECTION 3 CONT'D - SAMPLING

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

N/A

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

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

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

Dolomite Products

Location where fill was obtained:

Penfield Quarry

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

NYSDOT-approved

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

Provide a list of supporting documentation included with this request:

- certification letter from the Dolomite Group (source of stone)
- sieve analyses for imported stone types

The information provided on this form is accurate and complete.

	4/1/2024
Signature	Date
Laura Best	
Print Name	
Stantec	
Firm	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. Laura Best
Stantec Consulting Services Inc
61 Commercial Street
Suite100
Rochester, New York 14614

Generated 4/9/2024 8:49:54 AM

JOB DESCRIPTION

Carriage Factory Site

JOB NUMBER

480-218292-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



Generated
4/9/2024 8:49:54 AM

Authorized for release by
John Beninati, Project Manager I
John.Beninati@et.eurofinsus.com
(716)504-9874

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 7
Surrogate Summary 14
QC Sample Results 16
QC Association Summary 25
Lab Chronicle 28
Certification Summary 30
Method Summary 31
Sample Summary 32
Chain of Custody 33
Receipt Checklists 34

Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: Carriage Factory Site

Job ID: 480-218292-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
vs	Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A-L low-level specifications.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
480-218292-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 3/30/2024 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C.

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

GC/MS Semi VOA
Method 8270D: The continuing calibration verification (CCV) analyzed in batch 480-706210 was outside the method criteria for the following analyte(s): 2,4,6-Tribromophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Herbicides
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: Carriage Factory Site

Job ID: 480-218292-1

Client Sample ID: CF-VOC-1 — Lab Sample ID: 480-218292-1

No Detections.

Client Sample ID: CF-VOC-2 — Lab Sample ID: 480-218292-2

No Detections.

Client Sample ID: CF-VOC-3 — Lab Sample ID: 480-218292-3

No Detections.

Client Sample ID: CF-COMP-1 — Lab Sample ID: 480-218292-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(a)anthracene	190		190		ug/Kg	1	☼	8270D	Total/NA
Benzo(a)pyrene	230		190		ug/Kg	1	☼	8270D	Total/NA
Benzo(b)fluoranthene	320		190		ug/Kg	1	☼	8270D	Total/NA
Benzo(g,h,i)perylene	200		190		ug/Kg	1	☼	8270D	Total/NA
Chrysene	310		190		ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	750		190		ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	490		190		ug/Kg	1	☼	8270D	Total/NA
Pyrene	510		190		ug/Kg	1	☼	8270D	Total/NA
Aluminum	8860		11.0		mg/Kg	1	☼	6010C	Total/NA
Arsenic	3.9		2.2		mg/Kg	1	☼	6010C	Total/NA
Barium	41.0		0.55		mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.34		0.22		mg/Kg	1	☼	6010C	Total/NA
Calcium	8620		54.9		mg/Kg	1	☼	6010C	Total/NA
Chromium	10.5		0.55		mg/Kg	1	☼	6010C	Total/NA
Cobalt	4.7		0.55		mg/Kg	1	☼	6010C	Total/NA
Copper	17.9		1.1		mg/Kg	1	☼	6010C	Total/NA
Iron	13600		11.0		mg/Kg	1	☼	6010C	Total/NA
Lead	48.0		1.1		mg/Kg	1	☼	6010C	Total/NA
Magnesium	3140		22.0		mg/Kg	1	☼	6010C	Total/NA
Manganese	330	B	0.22		mg/Kg	1	☼	6010C	Total/NA
Nickel	10.4		5.5		mg/Kg	1	☼	6010C	Total/NA
Potassium	1700		32.9		mg/Kg	1	☼	6010C	Total/NA
Sodium	224		154		mg/Kg	1	☼	6010C	Total/NA
Vanadium	17.6		0.55		mg/Kg	1	☼	6010C	Total/NA
Zinc	37.8		2.2		mg/Kg	1	☼	6010C	Total/NA
Mercury	0.034		0.022		mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Stantec Consulting Services Inc
Project/Site: Carriage Factory Site

Job ID: 480-218292-1

Client Sample ID: CF-VOC-1
Date Collected: 03/29/24 09:00
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-1
Matrix: Solid

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
1,1,2,2-Tetrachloroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
1,1,2-Trichloroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
1,1-Dichloroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
1,1-Dichloroethene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
1,2,4-Trichlorobenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
1,2-Dibromo-3-Chloropropane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
1,2-Dichlorobenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
1,2-Dichloroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
1,2-Dichloropropane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
1,3-Dichlorobenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
1,4-Dichlorobenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
2-Butanone (MEK)	ND	vs	24		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
2-Hexanone	ND	vs	24		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
4-Methyl-2-pentanone (MIBK)	ND	vs	24		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Acetone	ND	vs	24		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Benzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Bromodichloromethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Bromoform	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Bromomethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Carbon disulfide	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Carbon tetrachloride	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Chlorobenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Dibromochloromethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Chloroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Chloroform	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Chloromethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
cis-1,2-Dichloroethene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
cis-1,3-Dichloropropene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Cyclohexane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Dichlorodifluoromethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Ethylbenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
1,2-Dibromoethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Isopropylbenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Methyl acetate	ND	vs	24		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Methyl tert-butyl ether	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Methylcyclohexane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Methylene Chloride	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Styrene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Tetrachloroethene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Toluene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
trans-1,2-Dichloroethene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
trans-1,3-Dichloropropene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Trichloroethene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Trichlorofluoromethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Vinyl chloride	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Xylenes, Total	ND	vs	9.6		ug/Kg		04/02/24 14:44	04/03/24 01:16	1

Client Sample ID: CF-VOC-1

Date Collected: 03/29/24 09:00
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-1

Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*113*		*71 - 125*	*04/02/24 14:44*	*04/03/24 01:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*64 - 126*	*04/02/24 14:44*	*04/03/24 01:16*	*1*
4-Bromofluorobenzene (Surr)	*101*		*72 - 126*	*04/02/24 14:44*	*04/03/24 01:16*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*04/02/24 14:44*	*04/03/24 01:16*	*1*

Client Sample ID: CF-VOC-2

Date Collected: 03/29/24 09:05
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-2

Matrix: Solid

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
1,1,2,2-Tetrachloroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
1,1,2-Trichloroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
1,1-Dichloroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
1,1-Dichloroethene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
1,2,4-Trichlorobenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
1,2-Dibromo-3-Chloropropane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
1,2-Dichlorobenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
1,2-Dichloroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
1,2-Dichloropropane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
1,3-Dichlorobenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
1,4-Dichlorobenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
2-Butanone (MEK)	ND	vs	24		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
2-Hexanone	ND	vs	24		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
4-Methyl-2-pentanone (MIBK)	ND	vs	24		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Acetone	ND	vs	24		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Benzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Bromodichloromethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Bromoform	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Bromomethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Carbon disulfide	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Carbon tetrachloride	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Chlorobenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Dibromochloromethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Chloroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Chloroform	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Chloromethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
cis-1,2-Dichloroethene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
cis-1,3-Dichloropropene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Cyclohexane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Dichlorodifluoromethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Ethylbenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
1,2-Dibromoethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Isopropylbenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Methyl acetate	ND	vs	24		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Methyl tert-butyl ether	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Methylcyclohexane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Methylene Chloride	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1

Client Sample ID: CF-VOC-2

Date Collected: 03/29/24 09:05
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-2

Matrix: Solid

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Tetrachloroethene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Toluene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
trans-1,2-Dichloroethene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
trans-1,3-Dichloropropene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Trichloroethene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Trichlorofluoromethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Vinyl chloride	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Xylenes, Total	ND	vs	9.7		ug/Kg		04/02/24 14:44	04/03/24 01:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*114*		*71 - 125*	*04/02/24 14:44*	*04/03/24 01:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*64 - 126*	*04/02/24 14:44*	*04/03/24 01:40*	*1*
4-Bromofluorobenzene (Surr)	*100*		*72 - 126*	*04/02/24 14:44*	*04/03/24 01:40*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*04/02/24 14:44*	*04/03/24 01:40*	*1*

Client Sample ID: CF-VOC-3

Date Collected: 03/29/24 09:10
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-3

Matrix: Solid

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
1,1,2,2-Tetrachloroethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
1,1,2-Trichloroethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
1,1-Dichloroethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
1,1-Dichloroethene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
1,2,4-Trichlorobenzene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
1,2-Dichlorobenzene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
1,2-Dichloroethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
1,2-Dichloropropane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
1,3-Dichlorobenzene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
1,4-Dichlorobenzene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
2-Butanone (MEK)	ND	vs	25		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
2-Hexanone	ND	vs	25		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
4-Methyl-2-pentanone (MIBK)	ND	vs	25		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Acetone	ND	vs	25		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Benzene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Bromodichloromethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Bromoform	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Bromomethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Carbon disulfide	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Carbon tetrachloride	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Chlorobenzene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Dibromochloromethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Chloroethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Chloroform	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Chloromethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1

Client Sample ID: CF-VOC-3

Lab Sample ID: 480-218292-3

Date Collected: 03/29/24 09:10

Matrix: Solid

Date Received: 03/30/24 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
cis-1,3-Dichloropropene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Cyclohexane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Dichlorodifluoromethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Ethylbenzene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
1,2-Dibromoethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Isopropylbenzene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Methyl acetate	ND	vs	25		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Methyl tert-butyl ether	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Methylcyclohexane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Methylene Chloride	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Styrene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Tetrachloroethene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Toluene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
trans-1,2-Dichloroethene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
trans-1,3-Dichloropropene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Trichloroethene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Trichlorofluoromethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Vinyl chloride	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Xylenes, Total	ND	vs	9.9		ug/Kg		04/02/24 14:44	04/03/24 02:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*114*		*71 - 125*	*04/02/24 14:44*	*04/03/24 02:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*64 - 126*	*04/02/24 14:44*	*04/03/24 02:04*	*1*
4-Bromofluorobenzene (Surr)	*101*		*72 - 126*	*04/02/24 14:44*	*04/03/24 02:04*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*04/02/24 14:44*	*04/03/24 02:04*	*1*

Client Sample ID: CF-COMP-1

Lab Sample ID: 480-218292-4

Date Collected: 03/29/24 09:15

Matrix: Solid

Date Received: 03/30/24 10:00

Percent Solids: 86.7

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Acenaphthylene	ND		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Anthracene	ND		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Benzo(a)anthracene	**190**		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Benzo(a)pyrene	**230**		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Benzo(b)fluoranthene	**320**		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Benzo(g,h,i)perylene	**200**		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Benzo(k)fluoranthene	ND		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Chrysene	**310**		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Dibenz(a,h)anthracene	ND		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Dibenzofuran	ND		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Fluoranthene	**750**		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Fluorene	ND		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Hexachlorobenzene	ND		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Indeno(1,2,3-cd)pyrene	ND		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
m-Cresol	ND		370		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Naphthalene	ND		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1

Client Sample ID: CF-COMP-1
Date Collected: 03/29/24 09:15
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-4
Matrix: Solid
Percent Solids: 86.7

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		110		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
o-Cresol	ND		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
p-Cresol	ND		370		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Pentachlorophenol	ND		370		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Phenanthrene	**490**		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Phenol	ND		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Pyrene	**510**		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*93*		*54 - 120*	*04/03/24 16:43*	*04/04/24 17:38*	*1*
2-Fluorobiphenyl	*76*		*60 - 120*	*04/03/24 16:43*	*04/04/24 17:38*	*1*
2-Fluorophenol	*70*		*52 - 120*	*04/03/24 16:43*	*04/04/24 17:38*	*1*
Nitrobenzene-d5	*72*		*53 - 120*	*04/03/24 16:43*	*04/04/24 17:38*	*1*
Phenol-d5	*67*		*54 - 120*	*04/03/24 16:43*	*04/04/24 17:38*	*1*
p-Terphenyl-d14	*90*		*79 - 130*	*04/03/24 16:43*	*04/04/24 17:38*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
4,4'-DDE	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
4,4'-DDT	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
Aldrin	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
alpha-BHC	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
cis-Chlordane	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
beta-BHC	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
delta-BHC	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
Dieldrin	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
Endosulfan I	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
Endosulfan II	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
Endosulfan sulfate	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
Endrin	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
Endrin aldehyde	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
Endrin ketone	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
trans-Chlordane	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
Heptachlor	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
Heptachlor epoxide	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
Methoxychlor	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
Toxaphene	ND		19		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*45 - 120*	*04/03/24 16:49*	*04/04/24 15:13*	*1*
DCB Decachlorobiphenyl	*142*	*S1+*	*45 - 120*	*04/03/24 16:49*	*04/04/24 15:13*	*1*
Tetrachloro-m-xylene	*70*		*30 - 124*	*04/03/24 16:49*	*04/04/24 15:13*	*1*
Tetrachloro-m-xylene	*63*		*30 - 124*	*04/03/24 16:49*	*04/04/24 15:13*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24		mg/Kg	☼	04/03/24 06:05	04/03/24 18:34	1
PCB-1221	ND		0.24		mg/Kg	☼	04/03/24 06:05	04/03/24 18:34	1

Client Sample ID: CF-COMP-1

Date Collected: 03/29/24 09:15
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-4

Matrix: Solid
Percent Solids: 86.7

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		0.24		mg/Kg	☼	04/03/24 06:05	04/03/24 18:34	1
PCB-1242	ND		0.24		mg/Kg	☼	04/03/24 06:05	04/03/24 18:34	1
PCB-1248	ND		0.24		mg/Kg	☼	04/03/24 06:05	04/03/24 18:34	1
PCB-1254	ND		0.24		mg/Kg	☼	04/03/24 06:05	04/03/24 18:34	1
PCB-1260	ND		0.24		mg/Kg	☼	04/03/24 06:05	04/03/24 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*114*		*60 - 154*	*04/03/24 06:05*	*04/03/24 18:34*	*1*
Tetrachloro-m-xylene	*109*		*60 - 154*	*04/03/24 06:05*	*04/03/24 18:34*	*1*
DCB Decachlorobiphenyl	*105*		*65 - 174*	*04/03/24 06:05*	*04/03/24 18:34*	*1*
DCB Decachlorobiphenyl	*116*		*65 - 174*	*04/03/24 06:05*	*04/03/24 18:34*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		16		ug/Kg		04/04/24 06:38	04/08/24 18:40	1
Silvex (2,4,5-TP)	ND		16		ug/Kg		04/04/24 06:38	04/08/24 18:40	1
2,4-D	ND		16		ug/Kg		04/04/24 06:38	04/08/24 18:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*93*		*28 - 129*	*04/04/24 06:38*	*04/08/24 18:40*	*1*
2,4-Dichlorophenylacetic acid	*85*		*28 - 129*	*04/04/24 06:38*	*04/08/24 18:40*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8860**		11.0		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Antimony	ND		16.5		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Arsenic	**3.9**		2.2		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Barium	**41.0**		0.55		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Beryllium	**0.34**		0.22		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Cadmium	ND		0.22		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Calcium	**8620**		54.9		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Chromium	**10.5**		0.55		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Cobalt	**4.7**		0.55		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Copper	**17.9**		1.1		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Iron	**13600**		11.0		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Lead	**48.0**		1.1		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Magnesium	**3140**		22.0		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Manganese	**330**	**B**	0.22		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Nickel	**10.4**		5.5		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Potassium	**1700**		32.9		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Selenium	ND		4.4		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Silver	ND		0.66		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Sodium	**224**		154		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Thallium	ND		6.6		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Vanadium	**17.6**		0.55		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Zinc	**37.8**		2.2		mg/Kg	☼	04/03/24 13:30	04/08/24 10:15	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.034**		0.022		mg/Kg	☼	04/03/24 13:07	04/04/24 13:33	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Carriage Factory Site

Job ID: 480-218292-1

Client Sample ID: CF-COMP-1
Date Collected: 03/29/24 09:15
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-4
Matrix: Solid
Percent Solids: 86.7

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.1		mg/Kg	☼	04/03/24 12:00	04/03/24 18:11	1

Surrogate Summary

Client: Stantec Consulting Services Inc
Project/Site: Carriage Factory Site

Job ID: 480-218292-1

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

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DCA	BFB	DBFM
Lab Sample ID	Client Sample ID	(71-125)	(64-126)	(72-126)	(60-140)
480-218292-1	CF-VOC-1	113	110	101	103
480-218292-2	CF-VOC-2	114	111	100	101
480-218292-3	CF-VOC-3	114	111	101	104
LCS 480-705914/1-A	Lab Control Sample	111	101	99	95
MB 480-705914/2-A	Method Blank	114	106	102	100

Surrogate Legend

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

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(54-120)	(60-120)	(52-120)	(53-120)	(54-120)	(79-130)
480-218292-4	CF-COMP-1	93	76	70	72	67	90
LCS 480-706101/2-A	Lab Control Sample	120	94	81	81	78	95
MB 480-706101/1-A	Method Blank	94	86	78	78	77	95

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPHd14 = p-Terphenyl-d14

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(45-120)	(45-120)	(30-124)	(30-124)
480-218292-4	CF-COMP-1	94	142 S1+	70	63
LCS 480-706103/2-A	Lab Control Sample	86	128 S1+	61	55
MB 480-706103/1-A	Method Blank	100	151 S1+	57	51

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCBP1	DCBP2
Lab Sample ID	Client Sample ID	(60-154)	(60-154)	(65-174)	(65-174)
480-218292-4	CF-COMP-1	114	109	105	116
LCS 480-705967/2-A	Lab Control Sample	135	131	126	141

Surrogate Summary

Client: Stantec Consulting Services Inc
Job ID: 480-218292-1
Project/Site: Carriage Factory Site

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

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

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	TCX1 (60-154)	TCX2 (60-154)	DCBP1 (65-174)	DCBP2 (65-174)
MB 480-705967/1-A	Method Blank	131	125	130	143

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8151A - Herbicides (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCPAA1 (28-129)	DCPAA2 (28-129)
480-218292-4	CF-COMP-1	93	85
LCS 480-706158/2-A	Lab Control Sample	73	71
MB 480-706158/1-A	Method Blank	77	75

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Client: Stantec Consulting Services Inc
Project/Site: Carriage Factory Site

Job ID: 480-218292-1

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

Lab Sample ID: MB 480-705914/2-A
Matrix: Solid
Analysis Batch: 705964

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705914

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
1,1-Dichloroethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
1,1-Dichloroethene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
1,2-Dichloroethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
1,2-Dichloropropane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
2-Butanone (MEK)	ND		25		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
2-Hexanone	ND		25		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
4-Methyl-2-pentanone (MIBK)	ND		25		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Acetone	ND		25		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Benzene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Bromodichloromethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Bromoform	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Bromomethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Carbon disulfide	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Carbon tetrachloride	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Chlorobenzene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Dibromochloromethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Chloroethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Chloroform	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Chloromethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Cyclohexane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Dichlorodifluoromethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Ethylbenzene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
1,2-Dibromoethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Isopropylbenzene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Methyl acetate	ND		25		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Methyl tert-butyl ether	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Methylcyclohexane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Methylene Chloride	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Styrene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Tetrachloroethene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Toluene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Trichloroethene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Trichlorofluoromethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Vinyl chloride	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Xylenes, Total	ND		10		ug/Kg		04/02/24 14:44	04/03/24 00:52	1

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

Lab Sample ID: MB 480-705914/2-A
Matrix: Solid
Analysis Batch: 705964

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705914

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*114*		*71 - 125*	*04/02/24 14:44*	*04/03/24 00:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*64 - 126*	*04/02/24 14:44*	*04/03/24 00:52*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*	*04/02/24 14:44*	*04/03/24 00:52*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 140*	*04/02/24 14:44*	*04/03/24 00:52*	*1*

Lab Sample ID: LCS 480-705914/1-A
Matrix: Solid
Analysis Batch: 705964

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705914

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	42.9		ug/Kg		86	77 - 121
1,1,2,2-Tetrachloroethane	50.0	52.4		ug/Kg		105	80 - 120
1,1,2-Trichloroethane	50.0	49.6		ug/Kg		99	78 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	43.0		ug/Kg		86	60 - 140
1,1-Dichloroethane	50.0	42.4		ug/Kg		85	73 - 126
1,1-Dichloroethene	50.0	42.1		ug/Kg		84	59 - 125
1,2,4-Trichlorobenzene	50.0	48.7		ug/Kg		97	64 - 120
1,2-Dibromo-3-Chloropropane	50.0	51.8		ug/Kg		104	63 - 124
1,2-Dichlorobenzene	50.0	49.9		ug/Kg		100	75 - 120
1,2-Dichloroethane	50.0	44.1		ug/Kg		88	77 - 122
1,2-Dichloropropane	50.0	43.9		ug/Kg		88	75 - 124
1,3-Dichlorobenzene	50.0	51.7		ug/Kg		103	74 - 120
1,4-Dichlorobenzene	50.0	51.4		ug/Kg		103	73 - 120
2-Butanone (MEK)	250	244		ug/Kg		98	70 - 134
2-Hexanone	250	253		ug/Kg		101	59 - 130
4-Methyl-2-pentanone (MIBK)	250	237		ug/Kg		95	65 - 133
Acetone	250	226		ug/Kg		90	61 - 137
Benzene	50.0	43.1		ug/Kg		86	79 - 127
Bromodichloromethane	50.0	45.2		ug/Kg		90	80 - 122
Bromoform	50.0	52.7		ug/Kg		105	68 - 126
Bromomethane	50.0	44.2		ug/Kg		88	37 - 149
Carbon disulfide	50.0	41.5		ug/Kg		83	64 - 131
Carbon tetrachloride	50.0	42.6		ug/Kg		85	75 - 135
Chlorobenzene	50.0	49.0		ug/Kg		98	76 - 124
Dibromochloromethane	50.0	51.7		ug/Kg		103	76 - 125
Chloroethane	50.0	43.7		ug/Kg		87	69 - 135
Chloroform	50.0	41.7		ug/Kg		83	80 - 120
Chloromethane	50.0	42.2		ug/Kg		84	63 - 127
cis-1,2-Dichloroethene	50.0	42.6		ug/Kg		85	81 - 120
cis-1,3-Dichloropropene	50.0	47.5		ug/Kg		95	80 - 120
Cyclohexane	50.0	41.8		ug/Kg		84	65 - 120
Dichlorodifluoromethane	50.0	41.7		ug/Kg		83	57 - 142
Ethylbenzene	50.0	47.5		ug/Kg		95	80 - 120
1,2-Dibromoethane	50.0	50.6		ug/Kg		101	78 - 120
Isopropylbenzene	50.0	51.3		ug/Kg		103	72 - 120
Methyl acetate	100	94.9		ug/Kg		95	55 - 136
Methyl tert-butyl ether	50.0	42.5		ug/Kg		85	63 - 125
Methylcyclohexane	50.0	42.5		ug/Kg		85	60 - 140

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

Lab Sample ID: LCS 480-705914/1-A
Matrix: Solid
Analysis Batch: 705964

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705914

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	50.0	43.6		ug/Kg		87	61 - 127
Styrene	50.0	48.0		ug/Kg		96	80 - 120
Tetrachloroethene	50.0	47.9		ug/Kg		96	74 - 122
Toluene	50.0	47.6		ug/Kg		95	74 - 128
trans-1,2-Dichloroethene	50.0	41.5		ug/Kg		83	78 - 126
trans-1,3-Dichloropropene	50.0	52.6		ug/Kg		105	73 - 123
Trichloroethene	50.0	44.9		ug/Kg		90	77 - 129
Trichlorofluoromethane	50.0	43.2		ug/Kg		86	65 - 146
Vinyl chloride	50.0	42.8		ug/Kg		86	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*111*		*71 - 125*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*
4-Bromofluorobenzene (Surr)	*99*		*72 - 126*
Dibromofluoromethane (Surr)	*95*		*60 - 140*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-706101/1-A
Matrix: Solid
Analysis Batch: 706210

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 706101

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Acenaphthylene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Anthracene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Benzo(a)anthracene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Benzo(a)pyrene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Benzo(b)fluoranthene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Benzo(g,h,i)perylene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Benzo(k)fluoranthene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Chrysene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Dibenz(a,h)anthracene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Dibenzofuran	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Fluoranthene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Fluorene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Hexachlorobenzene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Indeno(1,2,3-cd)pyrene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
m-Cresol	ND		320		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Naphthalene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
1,4-Dioxane	ND		97		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
o-Cresol	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
p-Cresol	ND		320		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Pentachlorophenol	ND		320		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Phenanthrene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Phenol	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Pyrene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-706101/1-A
Matrix: Solid
Analysis Batch: 706210

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 706101

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	94		54 - 120	04/03/24 16:43	04/04/24 14:14	1
2-Fluorobiphenyl	86		60 - 120	04/03/24 16:43	04/04/24 14:14	1
2-Fluorophenol	78		52 - 120	04/03/24 16:43	04/04/24 14:14	1
Nitrobenzene-d5	78		53 - 120	04/03/24 16:43	04/04/24 14:14	1
Phenol-d5	77		54 - 120	04/03/24 16:43	04/04/24 14:14	1
p-Terphenyl-d14	95		79 - 130	04/03/24 16:43	04/04/24 14:14	1

Lab Sample ID: LCS 480-706101/2-A
Matrix: Solid
Analysis Batch: 706210

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 706101

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	1650	1430		ug/Kg		87	62 - 120
Acenaphthylene	1650	1270		ug/Kg		77	58 - 121
Anthracene	1650	1460		ug/Kg		89	62 - 120
Benzo(a)anthracene	1650	1480		ug/Kg		90	65 - 120
Benzo(a)pyrene	1650	1570		ug/Kg		95	64 - 120
Benzo(b)fluoranthene	1650	1550		ug/Kg		94	64 - 120
Benzo(g,h,i)perylene	1650	1610		ug/Kg		98	45 - 145
Benzo(k)fluoranthene	1650	1430		ug/Kg		87	65 - 120
Chrysene	1650	1540		ug/Kg		93	64 - 120
Dibenz(a,h)anthracene	1650	1640		ug/Kg		99	54 - 132
Dibenzofuran	1650	1350		ug/Kg		82	63 - 120
Fluoranthene	1650	1500		ug/Kg		91	62 - 120
Fluorene	1650	1310		ug/Kg		79	63 - 120
Hexachlorobenzene	1650	1680		ug/Kg		102	60 - 120
Indeno(1,2,3-cd)pyrene	1650	1760		ug/Kg		107	56 - 134
Naphthalene	1650	1280		ug/Kg		78	55 - 120
1,4-Dioxane	1650	731		ug/Kg		44	23 - 120
o-Cresol	1650	1150		ug/Kg		70	54 - 120
p-Cresol	1650	1180		ug/Kg		72	55 - 120
Pentachlorophenol	3290	3030		ug/Kg		92	10 - 120
Phenanthrene	1650	1450		ug/Kg		88	60 - 120
Phenol	1650	1120		ug/Kg		68	53 - 120
Pyrene	1650	1460		ug/Kg		89	61 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	120		54 - 120
2-Fluorobiphenyl	94		60 - 120
2-Fluorophenol	81		52 - 120
Nitrobenzene-d5	81		53 - 120
Phenol-d5	78		54 - 120
p-Terphenyl-d14	95		79 - 130

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-706103/1-A
Matrix: Solid
Analysis Batch: 706156

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 706103

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
4,4'-DDE	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
4,4'-DDT	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
Aldrin	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
alpha-BHC	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
cis-Chlordane	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
beta-BHC	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
delta-BHC	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
Dieldrin	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
Endosulfan I	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
Endosulfan II	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
Endosulfan sulfate	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
Endrin	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
Endrin aldehyde	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
Endrin ketone	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
gamma-BHC (Lindane)	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
trans-Chlordane	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
Heptachlor	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
Heptachlor epoxide	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
Methoxychlor	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
Toxaphene	ND		17		ug/Kg		04/03/24 16:49	04/04/24 09:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*100*		*45 - 120*	*04/03/24 16:49*	*04/04/24 09:41*	*1*
DCB Decachlorobiphenyl	*151*	*S1+*	*45 - 120*	*04/03/24 16:49*	*04/04/24 09:41*	*1*
Tetrachloro-m-xylene	*57*		*30 - 124*	*04/03/24 16:49*	*04/04/24 09:41*	*1*
Tetrachloro-m-xylene	*51*		*30 - 124*	*04/03/24 16:49*	*04/04/24 09:41*	*1*

Lab Sample ID: LCS 480-706103/2-A
Matrix: Solid
Analysis Batch: 706156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 706103

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	16.2	12.7		ug/Kg		79	56 - 120
4,4'-DDE	16.2	11.0		ug/Kg		68	44 - 120
4,4'-DDT	16.2	12.2		ug/Kg		76	38 - 120
Aldrin	16.2	11.1		ug/Kg		68	38 - 120
alpha-BHC	16.2	9.37		ug/Kg		58	39 - 120
cis-Chlordane	16.2	10.4		ug/Kg		64	47 - 120
beta-BHC	16.2	10.9		ug/Kg		67	40 - 120
delta-BHC	16.2	10.7		ug/Kg		66	45 - 120
Dieldrin	16.2	13.1		ug/Kg		81	58 - 120
Endosulfan I	16.2	12.2		ug/Kg		76	49 - 120
Endosulfan II	16.2	13.5		ug/Kg		83	55 - 120
Endosulfan sulfate	16.2	12.5		ug/Kg		78	49 - 124
Endrin	16.2	13.2		ug/Kg		82	58 - 120
Endrin aldehyde	16.2	8.81		ug/Kg		54	37 - 121
Endrin ketone	16.2	13.6		ug/Kg		84	46 - 123

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 480-706103/2-A
Matrix: Solid
Analysis Batch: 706156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 706103

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
gamma-BHC (Lindane)	16.2	10.4		ug/Kg		64	50 - 120
trans-Chlordane	16.2	10.8		ug/Kg		67	48 - 120
Heptachlor	16.2	11.7		ug/Kg		72	50 - 120
Heptachlor epoxide	16.2	12.2		ug/Kg		76	50 - 120
Methoxychlor	16.2	12.5		ug/Kg		78	58 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*86*		*45 - 120*
DCB Decachlorobiphenyl	*128*	*S1+*	*45 - 120*
Tetrachloro-m-xylene	*61*		*30 - 124*
Tetrachloro-m-xylene	*55*		*30 - 124*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-705967/1-A
Matrix: Solid
Analysis Batch: 706080

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705967

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.22		mg/Kg		04/03/24 06:05	04/03/24 16:13	1
PCB-1221	ND		0.22		mg/Kg		04/03/24 06:05	04/03/24 16:13	1
PCB-1232	ND		0.22		mg/Kg		04/03/24 06:05	04/03/24 16:13	1
PCB-1242	ND		0.22		mg/Kg		04/03/24 06:05	04/03/24 16:13	1
PCB-1248	ND		0.22		mg/Kg		04/03/24 06:05	04/03/24 16:13	1
PCB-1254	ND		0.22		mg/Kg		04/03/24 06:05	04/03/24 16:13	1
PCB-1260	ND		0.22		mg/Kg		04/03/24 06:05	04/03/24 16:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*131*		*60 - 154*	*04/03/24 06:05*	*04/03/24 16:13*	*1*
Tetrachloro-m-xylene	*125*		*60 - 154*	*04/03/24 06:05*	*04/03/24 16:13*	*1*
DCB Decachlorobiphenyl	*130*		*65 - 174*	*04/03/24 06:05*	*04/03/24 16:13*	*1*
DCB Decachlorobiphenyl	*143*		*65 - 174*	*04/03/24 06:05*	*04/03/24 16:13*	*1*

Lab Sample ID: LCS 480-705967/2-A
Matrix: Solid
Analysis Batch: 706080

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705967

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	2.09	2.67		mg/Kg		128	51 - 185
PCB-1260	2.09	2.75		mg/Kg		131	61 - 184

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*135*		*60 - 154*
Tetrachloro-m-xylene	*131*		*60 - 154*
DCB Decachlorobiphenyl	*126*		*65 - 174*
DCB Decachlorobiphenyl	*141*		*65 - 174*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 480-706158/1-A
Matrix: Solid
Analysis Batch: 706716

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 706158

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		17		ug/Kg		04/04/24 06:38	04/08/24 12:32	1
Silvex (2,4,5-TP)	ND		17		ug/Kg		04/04/24 06:38	04/08/24 12:32	1
2,4-D	ND		17		ug/Kg		04/04/24 06:38	04/08/24 12:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*77*		*28 - 129*	*04/04/24 06:38*	*04/08/24 12:32*	*1*
2,4-Dichlorophenylacetic acid	*75*		*28 - 129*	*04/04/24 06:38*	*04/08/24 12:32*	*1*

Lab Sample ID: LCS 480-706158/2-A
Matrix: Solid
Analysis Batch: 706716

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 706158

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	65.0	50.1		ug/Kg		77	41 - 120
Silvex (2,4,5-TP)	65.0	49.6		ug/Kg		76	39 - 125
2,4-D	65.0	50.0		ug/Kg		77	40 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*73*		*28 - 129*
2,4-Dichlorophenylacetic acid	*71*		*28 - 129*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-706054/1-A
Matrix: Solid
Analysis Batch: 706419

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 706054

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		10.2		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Antimony	ND		15.4		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Arsenic	ND		2.0		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Barium	ND		0.51		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Beryllium	ND		0.20		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Cadmium	ND		0.20		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Calcium	ND		51.2		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Chromium	ND		0.51		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Cobalt	ND		0.51		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Copper	ND		1.0		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Iron	ND		10.2		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Lead	ND		1.0		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Magnesium	ND		20.5		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Manganese	0.675		0.20		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Nickel	ND		5.1		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Potassium	ND		30.7		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Selenium	ND		4.1		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Silver	ND		0.61		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Sodium	ND		143		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Thallium	ND		6.1		mg/Kg		04/03/24 13:30	04/04/24 14:33	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 480-706054/1-A
Matrix: Solid
Analysis Batch: 706419

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 706054

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.51		mg/Kg		04/03/24 13:30	04/04/24 14:33	1

Lab Sample ID: LCSSRM 480-706054/2-A
Matrix: Solid
Analysis Batch: 706419

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 706054

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	10000	9923		mg/Kg		99.2	43.7 - 129.0
Antimony	270	101.7		mg/Kg		37.7	10.0 - 132.6
Arsenic	218	148.5		mg/Kg		68.1	57.8 - 110.1
Barium	388	302.9		mg/Kg		78.1	68.3 - 113.9
Beryllium	165	139.3		mg/Kg		84.4	69.1 - 115.8
Cadmium	118	91.91		mg/Kg		77.9	67.0 - 111.9
Calcium	5860	4839		mg/Kg		82.6	66.7 - 115.7
Chromium	255	208.7		mg/Kg		81.8	63.5 - 118.4
Cobalt	182	155.2		mg/Kg		85.3	68.7 - 114.3
Copper	135	107.7		mg/Kg		79.8	69.0 - 114.8
Iron	8860	7549		mg/Kg		85.2	10.3 - 172.7
Lead	155	133.3		mg/Kg		86.0	67.7 - 119.4
Magnesium	2380	2080		mg/Kg		87.4	54.6 - 125.6
Manganese	446	375.1		mg/Kg		84.1	70.4 - 114.3
Nickel	120	101.3		mg/Kg		84.4	63.2 - 117.5
Potassium	1960	1916		mg/Kg		97.8	50.1 - 127.0
Selenium	107	81.21		mg/Kg		75.9	58.3 - 121.5
Silver	51.0	38.64		mg/Kg		75.8	64.7 - 120.8
Sodium	519	417.9		mg/Kg		80.5	52.6 - 125.6
Thallium	188	160.0		mg/Kg		85.1	64.9 - 117.6
Vanadium	133	104.5		mg/Kg		78.6	69.1 - 115.8

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-705991/1-A
Matrix: Solid
Analysis Batch: 706267

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705991

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020		mg/Kg		04/03/24 13:07	04/04/24 12:59	1

Lab Sample ID: LCSSRM 480-705991/2-A ^10
Matrix: Solid
Analysis Batch: 706267

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705991

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			17.1	9.59		mg/Kg		56.1	36.0 - 109.9		

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 480-706091/1-A
Matrix: Solid
Analysis Batch: 706127

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 706091

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.94		mg/Kg		04/03/24 12:00	04/03/24 17:45	1

Lab Sample ID: LCS 480-706091/3-A
Matrix: Solid
Analysis Batch: 706127

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 706091

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.400	0.309		mg/Kg		77	29 - 122		

Lab Sample ID: LCS 480-706091/4-A
Matrix: Solid
Analysis Batch: 706127

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 706091

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.250	0.207		mg/Kg		83	29 - 122		

Lab Sample ID: LCSSRM 480-706091/2-A
Matrix: Solid
Analysis Batch: 706127

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 706091

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			154	44.94		mg/Kg		29.2	20.6 - 120.8		

GC/MS VOA

Prep Batch: 705914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-1	CF-VOC-1	Total/NA	Solid	5035A_L	
480-218292-2	CF-VOC-2	Total/NA	Solid	5035A_L	
480-218292-3	CF-VOC-3	Total/NA	Solid	5035A_L	
MB 480-705914/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-705914/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 705964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-1	CF-VOC-1	Total/NA	Solid	8260C	705914
480-218292-2	CF-VOC-2	Total/NA	Solid	8260C	705914
480-218292-3	CF-VOC-3	Total/NA	Solid	8260C	705914
MB 480-705914/2-A	Method Blank	Total/NA	Solid	8260C	705914
LCS 480-705914/1-A	Lab Control Sample	Total/NA	Solid	8260C	705914

GC/MS Semi VOA

Prep Batch: 706101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	3550C	
MB 480-706101/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-706101/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 706210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	8270D	706101
MB 480-706101/1-A	Method Blank	Total/NA	Solid	8270D	706101
LCS 480-706101/2-A	Lab Control Sample	Total/NA	Solid	8270D	706101

GC Semi VOA

Prep Batch: 705967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	3550C	
MB 480-705967/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-705967/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 706080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	8082A	705967
MB 480-705967/1-A	Method Blank	Total/NA	Solid	8082A	705967
LCS 480-705967/2-A	Lab Control Sample	Total/NA	Solid	8082A	705967

Prep Batch: 706103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	3550C	
MB 480-706103/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-706103/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 706156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	8081B	706103
MB 480-706103/1-A	Method Blank	Total/NA	Solid	8081B	706103

GC Semi VOA (Continued)

Analysis Batch: 706156 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-706103/2-A	Lab Control Sample	Total/NA	Solid	8081B	706103

Prep Batch: 706158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	8151A	
MB 480-706158/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 480-706158/2-A	Lab Control Sample	Total/NA	Solid	8151A	

Analysis Batch: 706716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	8151A	706158
MB 480-706158/1-A	Method Blank	Total/NA	Solid	8151A	706158
LCS 480-706158/2-A	Lab Control Sample	Total/NA	Solid	8151A	706158

Metals

Prep Batch: 705991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	7471B	
MB 480-705991/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-705991/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	

Prep Batch: 706054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	3050B	
MB 480-706054/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-706054/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 706267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	7471B	705991
MB 480-705991/1-A	Method Blank	Total/NA	Solid	7471B	705991
LCSSRM 480-705991/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	705991

Analysis Batch: 706419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	6010C	706054
MB 480-706054/1-A	Method Blank	Total/NA	Solid	6010C	706054
LCSSRM 480-706054/2-A	Lab Control Sample	Total/NA	Solid	6010C	706054

Analysis Batch: 706724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	6010C	706054

General Chemistry

Analysis Batch: 705780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-1	CF-VOC-1	Total/NA	Solid	Moisture	
480-218292-2	CF-VOC-2	Total/NA	Solid	Moisture	
480-218292-3	CF-VOC-3	Total/NA	Solid	Moisture	
480-218292-4	CF-COMP-1	Total/NA	Solid	Moisture	

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: Carriage Factory Site

Job ID: 480-218292-1

General Chemistry

Prep Batch: 706091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	9012B	
MB 480-706091/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 480-706091/3-A	Lab Control Sample	Total/NA	Solid	9012B	
LCS 480-706091/4-A	Lab Control Sample	Total/NA	Solid	9012B	
LCSSRM 480-706091/2-A	Lab Control Sample	Total/NA	Solid	9012B	

Analysis Batch: 706127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	9012B	706091
MB 480-706091/1-A	Method Blank	Total/NA	Solid	9012B	706091
LCS 480-706091/3-A	Lab Control Sample	Total/NA	Solid	9012B	706091
LCS 480-706091/4-A	Lab Control Sample	Total/NA	Solid	9012B	706091
LCSSRM 480-706091/2-A	Lab Control Sample	Total/NA	Solid	9012B	706091

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Carriage Factory Site

Job ID: 480-218292-1

Client Sample ID: CF-VOC-1
Date Collected: 03/29/24 09:00
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			705914	LCH	EET BUF	04/02/24 14:44
Total/NA	Analysis	8260C		1	705964	LCH	EET BUF	04/03/24 01:16
Total/NA	Analysis	Moisture		1	705780	DSC	EET BUF	04/01/24 22:00

Client Sample ID: CF-VOC-2
Date Collected: 03/29/24 09:05
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			705914	LCH	EET BUF	04/02/24 14:44
Total/NA	Analysis	8260C		1	705964	LCH	EET BUF	04/03/24 01:40
Total/NA	Analysis	Moisture		1	705780	DSC	EET BUF	04/01/24 22:00

Client Sample ID: CF-VOC-3
Date Collected: 03/29/24 09:10
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			705914	LCH	EET BUF	04/02/24 14:44
Total/NA	Analysis	8260C		1	705964	LCH	EET BUF	04/03/24 02:04
Total/NA	Analysis	Moisture		1	705780	DSC	EET BUF	04/01/24 22:00

Client Sample ID: CF-COMP-1
Date Collected: 03/29/24 09:15
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	8151A			706158	SMP	EET BUF	04/04/24 06:38
Total/NA	Analysis	8151A		1	706716	MAN	EET BUF	04/08/24 18:40
Total/NA	Analysis	Moisture		1	705780	DSC	EET BUF	04/01/24 22:00

Client Sample ID: CF-COMP-1
Date Collected: 03/29/24 09:15
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-4
Matrix: Solid
Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			706101	SJM	EET BUF	04/03/24 16:43
Total/NA	Analysis	8270D		1	706210	JMM	EET BUF	04/04/24 17:38
Total/NA	Prep	3550C			706103	SJM	EET BUF	04/03/24 16:49
Total/NA	Analysis	8081B		1	706156	JLS	EET BUF	04/04/24 15:13
Total/NA	Prep	3550C			705967	VXF	EET BUF	04/03/24 06:05
Total/NA	Analysis	8082A		1	706080	W1T	EET BUF	04/03/24 18:34
Total/NA	Prep	3050B			706054	EMO	EET BUF	04/03/24 13:30
Total/NA	Analysis	6010C		1	706419	NZG	EET BUF	04/04/24 14:40

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Carriage Factory Site

Job ID: 480-218292-1

Client Sample ID: CF-COMP-1

Date Collected: 03/29/24 09:15
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-4

Matrix: Solid
Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			706054	EMO	EET BUF	04/03/24 13:30
Total/NA	Analysis	6010C		1	706724	NZG	EET BUF	04/08/24 10:15
Total/NA	Prep	7471B			705991	ESB	EET BUF	04/03/24 13:07
Total/NA	Analysis	7471B		1	706267	BMB	EET BUF	04/04/24 13:33
Total/NA	Prep	9012B			706091	AM	EET BUF	04/03/24 12:00
Total/NA	Analysis	9012B		1	706127	AM	EET BUF	04/03/24 18:11

Laboratory References:

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

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
Job ID: 480-218292-1
Project/Site: Carriage Factory Site

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: Carriage Factory Site

Job ID: 480-218292-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
8081B	Organochlorine Pesticides (GC)	SW846	EET BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET BUF
8151A	Herbicides (GC)	SW846	EET BUF
6010C	Metals (ICP)	SW846	EET BUF
7471B	Mercury (CVAA)	SW846	EET BUF
9012B	Cyanide, Total andor Amenable	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
3050B	Preparation, Metals	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF
5035A_L	Closed System Purge and Trap	SW846	EET BUF
7471B	Preparation, Mercury	SW846	EET BUF
8151A	Extraction (Herbicides)	SW846	EET BUF
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: Carriage Factory Site

Job ID: 480-218292-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-218292-1	CF-VOC-1	Solid	03/29/24 09:00	03/30/24 10:00
480-218292-2	CF-VOC-2	Solid	03/29/24 09:05	03/30/24 10:00
480-218292-3	CF-VOC-3	Solid	03/29/24 09:10	03/30/24 10:00
480-218292-4	CF-COMP-1	Solid	03/29/24 09:15	03/30/24 10:00

>> Select a Laboratory or Service Center <<
#N/A
#N/A
#N/A
##
Eurofins Buffalo

Chain of Custody Record

eurofins | Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: Laura Best	Site Contact: Christiana DeLuca	Date: 3/29/2024	Eurofins Environment Testing America
Your Company Name here	Stantec	Email: laura.best@stantec.com	Lab Contact: Kavya Boyina	Carrier: FedEx	COC No: 1 of 1 COCs
Address	61 Commercial St. Ste 100	Tel/Fax: 585-301-0166	Analysis Turnaround Time		TALS Project #:
City/State/Zip	Rochester, NY 14614	☐ CALENDAR DAYS ☐ WORKING DAYS			Sampler:
(xxx) xxx-xxxx	585-475-1440 Phone	TAT if different from Below 5 day			For Lab Use Only:
(xxx) xxx-xxxx	FAX	☐ 2 weeks ☒ 1 week ☐ 2 days ☐ 1 day			Walk-in Client:
Project Name:	Carriage Factory				Lab Sampling:
Site:					Job / SDG No.:
PO #	213415055, 215				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Part 375 VOCs (8260)	Part 375 SVOCs (8270)	TAL Metals (6010/7471)	Total Cyanide (9012)	PCBs (8082)	Pesticides (8081)	Herbicides (8151)	Sample Specific Notes:
CF-VOC-1	3/29/24	0910	G	SO	1			X							
CF-VOC-2		0905	G	SO	1			X							
CF-VOC-3		0910	G	SO	1			X							
CF-CCMP-1		0915	C	SO	3				X	X	X	X	X	X	

Laura Best

480-218292 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

NYSDEC ASP Category B ; EQUIS 4 file EDWEDD

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: 3.6 Corr'd: _____ Therm ID No.: #1 ICE		
Relinquished by:	Company: Stantec	Date/Time: 3/29/24 1515	Received by: Laura Best	Company: Stantec	Date/Time: 3/29/24 1515
Relinquished by: Laura Best	Company: Stantec	Date/Time: 3/29/24 1640	Received by: FedEx	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TA	Date/Time: 3/30/24 0900

4/9/2024

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 480-218292-1

Login Number: 218292
List Number: 1
Creator: Kolb, Chris M

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	STANTEC
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. Laura Best
Stantec Consulting Services Inc
61 Commercial Street
Suite100
Rochester, New York 14614

Generated 4/9/2024 8:49:54 AM

JOB DESCRIPTION

Carriage Factory Site

JOB NUMBER

480-218292-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



Generated
4/9/2024 8:49:54 AM

Authorized for release by
John Beninati, Project Manager I
John.Beninati@et.eurofinsus.com
(716)504-9874

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 7
Surrogate Summary 14
QC Sample Results 16
QC Association Summary 25
Lab Chronicle 28
Certification Summary 30
Method Summary 31
Sample Summary 32
Chain of Custody 33
Receipt Checklists 34

Definitions/Glossary

Client: Stantec Consulting Services Inc
Project/Site: Carriage Factory Site

Job ID: 480-218292-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
vs	Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A-L low-level specifications.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
480-218292-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 3/30/2024 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C.

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

GC/MS Semi VOA
Method 8270D: The continuing calibration verification (CCV) analyzed in batch 480-706210 was outside the method criteria for the following analyte(s): 2,4,6-Tribromophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Herbicides
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Stantec Consulting Services Inc
Project/Site: Carriage Factory Site

Job ID: 480-218292-1

Client Sample ID: CF-VOC-1 — Lab Sample ID: 480-218292-1

No Detections.

Client Sample ID: CF-VOC-2 — Lab Sample ID: 480-218292-2

No Detections.

Client Sample ID: CF-VOC-3 — Lab Sample ID: 480-218292-3

No Detections.

Client Sample ID: CF-COMP-1 — Lab Sample ID: 480-218292-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo(a)anthracene	190		190		ug/Kg	1	☼	8270D	Total/NA
Benzo(a)pyrene	230		190		ug/Kg	1	☼	8270D	Total/NA
Benzo(b)fluoranthene	320		190		ug/Kg	1	☼	8270D	Total/NA
Benzo(g,h,i)perylene	200		190		ug/Kg	1	☼	8270D	Total/NA
Chrysene	310		190		ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	750		190		ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	490		190		ug/Kg	1	☼	8270D	Total/NA
Pyrene	510		190		ug/Kg	1	☼	8270D	Total/NA
Aluminum	8860		11.0		mg/Kg	1	☼	6010C	Total/NA
Arsenic	3.9		2.2		mg/Kg	1	☼	6010C	Total/NA
Barium	41.0		0.55		mg/Kg	1	☼	6010C	Total/NA
Beryllium	0.34		0.22		mg/Kg	1	☼	6010C	Total/NA
Calcium	8620		54.9		mg/Kg	1	☼	6010C	Total/NA
Chromium	10.5		0.55		mg/Kg	1	☼	6010C	Total/NA
Cobalt	4.7		0.55		mg/Kg	1	☼	6010C	Total/NA
Copper	17.9		1.1		mg/Kg	1	☼	6010C	Total/NA
Iron	13600		11.0		mg/Kg	1	☼	6010C	Total/NA
Lead	48.0		1.1		mg/Kg	1	☼	6010C	Total/NA
Magnesium	3140		22.0		mg/Kg	1	☼	6010C	Total/NA
Manganese	330	B	0.22		mg/Kg	1	☼	6010C	Total/NA
Nickel	10.4		5.5		mg/Kg	1	☼	6010C	Total/NA
Potassium	1700		32.9		mg/Kg	1	☼	6010C	Total/NA
Sodium	224		154		mg/Kg	1	☼	6010C	Total/NA
Vanadium	17.6		0.55		mg/Kg	1	☼	6010C	Total/NA
Zinc	37.8		2.2		mg/Kg	1	☼	6010C	Total/NA
Mercury	0.034		0.022		mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Stantec Consulting Services Inc
Project/Site: Carriage Factory Site

Job ID: 480-218292-1

Client Sample ID: CF-VOC-1
Date Collected: 03/29/24 09:00
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-1
Matrix: Solid

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
1,1,2,2-Tetrachloroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
1,1,2-Trichloroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
1,1-Dichloroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
1,1-Dichloroethene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
1,2,4-Trichlorobenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
1,2-Dibromo-3-Chloropropane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
1,2-Dichlorobenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
1,2-Dichloroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
1,2-Dichloropropane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
1,3-Dichlorobenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
1,4-Dichlorobenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
2-Butanone (MEK)	ND	vs	24		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
2-Hexanone	ND	vs	24		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
4-Methyl-2-pentanone (MIBK)	ND	vs	24		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Acetone	ND	vs	24		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Benzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Bromodichloromethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Bromoform	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Bromomethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Carbon disulfide	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Carbon tetrachloride	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Chlorobenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Dibromochloromethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Chloroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Chloroform	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Chloromethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
cis-1,2-Dichloroethene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
cis-1,3-Dichloropropene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Cyclohexane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Dichlorodifluoromethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Ethylbenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
1,2-Dibromoethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Isopropylbenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Methyl acetate	ND	vs	24		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Methyl tert-butyl ether	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Methylcyclohexane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Methylene Chloride	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Styrene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Tetrachloroethene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Toluene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
trans-1,2-Dichloroethene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
trans-1,3-Dichloropropene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Trichloroethene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Trichlorofluoromethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Vinyl chloride	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:16	1
Xylenes, Total	ND	vs	9.6		ug/Kg		04/02/24 14:44	04/03/24 01:16	1

Client Sample ID: CF-VOC-1

Date Collected: 03/29/24 09:00
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-1

Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*113*		*71 - 125*	*04/02/24 14:44*	*04/03/24 01:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*64 - 126*	*04/02/24 14:44*	*04/03/24 01:16*	*1*
4-Bromofluorobenzene (Surr)	*101*		*72 - 126*	*04/02/24 14:44*	*04/03/24 01:16*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*04/02/24 14:44*	*04/03/24 01:16*	*1*

Client Sample ID: CF-VOC-2

Date Collected: 03/29/24 09:05
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-2

Matrix: Solid

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
1,1,2,2-Tetrachloroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
1,1,2-Trichloroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
1,1-Dichloroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
1,1-Dichloroethene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
1,2,4-Trichlorobenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
1,2-Dibromo-3-Chloropropane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
1,2-Dichlorobenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
1,2-Dichloroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
1,2-Dichloropropane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
1,3-Dichlorobenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
1,4-Dichlorobenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
2-Butanone (MEK)	ND	vs	24		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
2-Hexanone	ND	vs	24		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
4-Methyl-2-pentanone (MIBK)	ND	vs	24		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Acetone	ND	vs	24		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Benzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Bromodichloromethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Bromoform	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Bromomethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Carbon disulfide	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Carbon tetrachloride	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Chlorobenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Dibromochloromethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Chloroethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Chloroform	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Chloromethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
cis-1,2-Dichloroethene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
cis-1,3-Dichloropropene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Cyclohexane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Dichlorodifluoromethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Ethylbenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
1,2-Dibromoethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Isopropylbenzene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Methyl acetate	ND	vs	24		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Methyl tert-butyl ether	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Methylcyclohexane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Methylene Chloride	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1

Client Sample ID: CF-VOC-2

Date Collected: 03/29/24 09:05
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-2

Matrix: Solid

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Tetrachloroethene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Toluene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
trans-1,2-Dichloroethene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
trans-1,3-Dichloropropene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Trichloroethene	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Trichlorofluoromethane	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Vinyl chloride	ND	vs	4.8		ug/Kg		04/02/24 14:44	04/03/24 01:40	1
Xylenes, Total	ND	vs	9.7		ug/Kg		04/02/24 14:44	04/03/24 01:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*114*		*71 - 125*	*04/02/24 14:44*	*04/03/24 01:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*64 - 126*	*04/02/24 14:44*	*04/03/24 01:40*	*1*
4-Bromofluorobenzene (Surr)	*100*		*72 - 126*	*04/02/24 14:44*	*04/03/24 01:40*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*04/02/24 14:44*	*04/03/24 01:40*	*1*

Client Sample ID: CF-VOC-3

Date Collected: 03/29/24 09:10
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-3

Matrix: Solid

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
1,1,2,2-Tetrachloroethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
1,1,2-Trichloroethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
1,1-Dichloroethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
1,1-Dichloroethene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
1,2,4-Trichlorobenzene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
1,2-Dichlorobenzene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
1,2-Dichloroethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
1,2-Dichloropropane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
1,3-Dichlorobenzene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
1,4-Dichlorobenzene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
2-Butanone (MEK)	ND	vs	25		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
2-Hexanone	ND	vs	25		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
4-Methyl-2-pentanone (MIBK)	ND	vs	25		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Acetone	ND	vs	25		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Benzene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Bromodichloromethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Bromoform	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Bromomethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Carbon disulfide	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Carbon tetrachloride	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Chlorobenzene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Dibromochloromethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Chloroethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Chloroform	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Chloromethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1

Client Sample ID: CF-VOC-3

Lab Sample ID: 480-218292-3

Date Collected: 03/29/24 09:10

Matrix: Solid

Date Received: 03/30/24 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
cis-1,3-Dichloropropene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Cyclohexane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Dichlorodifluoromethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Ethylbenzene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
1,2-Dibromoethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Isopropylbenzene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Methyl acetate	ND	vs	25		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Methyl tert-butyl ether	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Methylcyclohexane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Methylene Chloride	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Styrene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Tetrachloroethene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Toluene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
trans-1,2-Dichloroethene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
trans-1,3-Dichloropropene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Trichloroethene	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Trichlorofluoromethane	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Vinyl chloride	ND	vs	5.0		ug/Kg		04/02/24 14:44	04/03/24 02:04	1
Xylenes, Total	ND	vs	9.9		ug/Kg		04/02/24 14:44	04/03/24 02:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*114*		*71 - 125*	*04/02/24 14:44*	*04/03/24 02:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*64 - 126*	*04/02/24 14:44*	*04/03/24 02:04*	*1*
4-Bromofluorobenzene (Surr)	*101*		*72 - 126*	*04/02/24 14:44*	*04/03/24 02:04*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*04/02/24 14:44*	*04/03/24 02:04*	*1*

Client Sample ID: CF-COMP-1

Lab Sample ID: 480-218292-4

Date Collected: 03/29/24 09:15

Matrix: Solid

Date Received: 03/30/24 10:00

Percent Solids: 86.7

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Acenaphthylene	ND		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Anthracene	ND		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Benzo(a)anthracene	**190**		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Benzo(a)pyrene	**230**		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Benzo(b)fluoranthene	**320**		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Benzo(g,h,i)perylene	**200**		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Benzo(k)fluoranthene	ND		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Chrysene	**310**		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Dibenz(a,h)anthracene	ND		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Dibenzofuran	ND		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Fluoranthene	**750**		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Fluorene	ND		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Hexachlorobenzene	ND		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Indeno(1,2,3-cd)pyrene	ND		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
m-Cresol	ND		370		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Naphthalene	ND		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1

Client Sample ID: CF-COMP-1
Date Collected: 03/29/24 09:15
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-4
Matrix: Solid
Percent Solids: 86.7

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		110		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
o-Cresol	ND		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
p-Cresol	ND		370		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Pentachlorophenol	ND		370		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Phenanthrene	**490**		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Phenol	ND		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1
Pyrene	**510**		190		ug/Kg	☼	04/03/24 16:43	04/04/24 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*93*		*54 - 120*	*04/03/24 16:43*	*04/04/24 17:38*	*1*
2-Fluorobiphenyl	*76*		*60 - 120*	*04/03/24 16:43*	*04/04/24 17:38*	*1*
2-Fluorophenol	*70*		*52 - 120*	*04/03/24 16:43*	*04/04/24 17:38*	*1*
Nitrobenzene-d5	*72*		*53 - 120*	*04/03/24 16:43*	*04/04/24 17:38*	*1*
Phenol-d5	*67*		*54 - 120*	*04/03/24 16:43*	*04/04/24 17:38*	*1*
p-Terphenyl-d14	*90*		*79 - 130*	*04/03/24 16:43*	*04/04/24 17:38*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
4,4'-DDE	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
4,4'-DDT	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
Aldrin	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
alpha-BHC	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
cis-Chlordane	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
beta-BHC	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
delta-BHC	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
Dieldrin	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
Endosulfan I	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
Endosulfan II	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
Endosulfan sulfate	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
Endrin	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
Endrin aldehyde	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
Endrin ketone	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
trans-Chlordane	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
Heptachlor	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
Heptachlor epoxide	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
Methoxychlor	ND		1.9		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1
Toxaphene	ND		19		ug/Kg	☼	04/03/24 16:49	04/04/24 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*94*		*45 - 120*	*04/03/24 16:49*	*04/04/24 15:13*	*1*
DCB Decachlorobiphenyl	*142*	*S1+*	*45 - 120*	*04/03/24 16:49*	*04/04/24 15:13*	*1*
Tetrachloro-m-xylene	*70*		*30 - 124*	*04/03/24 16:49*	*04/04/24 15:13*	*1*
Tetrachloro-m-xylene	*63*		*30 - 124*	*04/03/24 16:49*	*04/04/24 15:13*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.24		mg/Kg	☼	04/03/24 06:05	04/03/24 18:34	1
PCB-1221	ND		0.24		mg/Kg	☼	04/03/24 06:05	04/03/24 18:34	1

Client Sample ID: CF-COMP-1

Date Collected: 03/29/24 09:15
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-4

Matrix: Solid
Percent Solids: 86.7

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		0.24		mg/Kg	☼	04/03/24 06:05	04/03/24 18:34	1
PCB-1242	ND		0.24		mg/Kg	☼	04/03/24 06:05	04/03/24 18:34	1
PCB-1248	ND		0.24		mg/Kg	☼	04/03/24 06:05	04/03/24 18:34	1
PCB-1254	ND		0.24		mg/Kg	☼	04/03/24 06:05	04/03/24 18:34	1
PCB-1260	ND		0.24		mg/Kg	☼	04/03/24 06:05	04/03/24 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*114*		*60 - 154*	*04/03/24 06:05*	*04/03/24 18:34*	*1*
Tetrachloro-m-xylene	*109*		*60 - 154*	*04/03/24 06:05*	*04/03/24 18:34*	*1*
DCB Decachlorobiphenyl	*105*		*65 - 174*	*04/03/24 06:05*	*04/03/24 18:34*	*1*
DCB Decachlorobiphenyl	*116*		*65 - 174*	*04/03/24 06:05*	*04/03/24 18:34*	*1*

Method: SW846 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		16		ug/Kg		04/04/24 06:38	04/08/24 18:40	1
Silvex (2,4,5-TP)	ND		16		ug/Kg		04/04/24 06:38	04/08/24 18:40	1
2,4-D	ND		16		ug/Kg		04/04/24 06:38	04/08/24 18:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*93*		*28 - 129*	*04/04/24 06:38*	*04/08/24 18:40*	*1*
2,4-Dichlorophenylacetic acid	*85*		*28 - 129*	*04/04/24 06:38*	*04/08/24 18:40*	*1*

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8860**		11.0		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Antimony	ND		16.5		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Arsenic	**3.9**		2.2		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Barium	**41.0**		0.55		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Beryllium	**0.34**		0.22		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Cadmium	ND		0.22		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Calcium	**8620**		54.9		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Chromium	**10.5**		0.55		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Cobalt	**4.7**		0.55		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Copper	**17.9**		1.1		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Iron	**13600**		11.0		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Lead	**48.0**		1.1		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Magnesium	**3140**		22.0		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Manganese	**330**	**B**	0.22		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Nickel	**10.4**		5.5		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Potassium	**1700**		32.9		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Selenium	ND		4.4		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Silver	ND		0.66		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Sodium	**224**		154		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Thallium	ND		6.6		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Vanadium	**17.6**		0.55		mg/Kg	☼	04/03/24 13:30	04/04/24 14:40	1
Zinc	**37.8**		2.2		mg/Kg	☼	04/03/24 13:30	04/08/24 10:15	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.034**		0.022		mg/Kg	☼	04/03/24 13:07	04/04/24 13:33	1

Client Sample Results

Client: Stantec Consulting Services Inc
Project/Site: Carriage Factory Site

Job ID: 480-218292-1

Client Sample ID: CF-COMP-1
Date Collected: 03/29/24 09:15
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-4
Matrix: Solid
Percent Solids: 86.7

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		1.1		mg/Kg	☼	04/03/24 12:00	04/03/24 18:11	1

Surrogate Summary

Client: Stantec Consulting Services Inc
Project/Site: Carriage Factory Site

Job ID: 480-218292-1

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

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DCA	BFB	DBFM
Lab Sample ID	Client Sample ID	(71-125)	(64-126)	(72-126)	(60-140)
480-218292-1	CF-VOC-1	113	110	101	103
480-218292-2	CF-VOC-2	114	111	100	101
480-218292-3	CF-VOC-3	114	111	101	104
LCS 480-705914/1-A	Lab Control Sample	111	101	99	95
MB 480-705914/2-A	Method Blank	114	106	102	100

Surrogate Legend

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

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(54-120)	(60-120)	(52-120)	(53-120)	(54-120)	(79-130)
480-218292-4	CF-COMP-1	93	76	70	72	67	90
LCS 480-706101/2-A	Lab Control Sample	120	94	81	81	78	95
MB 480-706101/1-A	Method Blank	94	86	78	78	77	95

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPHd14 = p-Terphenyl-d14

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(45-120)	(45-120)	(30-124)	(30-124)
480-218292-4	CF-COMP-1	94	142 S1+	70	63
LCS 480-706103/2-A	Lab Control Sample	86	128 S1+	61	55
MB 480-706103/1-A	Method Blank	100	151 S1+	57	51

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCBP1	DCBP2
Lab Sample ID	Client Sample ID	(60-154)	(60-154)	(65-174)	(65-174)
480-218292-4	CF-COMP-1	114	109	105	116
LCS 480-705967/2-A	Lab Control Sample	135	131	126	141

Surrogate Summary

Client: Stantec Consulting Services Inc
Job ID: 480-218292-1
Project/Site: Carriage Factory Site

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

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

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	TCX1 (60-154)	TCX2 (60-154)	DCBP1 (65-174)	DCBP2 (65-174)
MB 480-705967/1-A	Method Blank	131	125	130	143

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8151A - Herbicides (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCPAA1 (28-129)	DCPAA2 (28-129)
480-218292-4	CF-COMP-1	93	85
LCS 480-706158/2-A	Lab Control Sample	73	71
MB 480-706158/1-A	Method Blank	77	75

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Client: Stantec Consulting Services Inc
Project/Site: Carriage Factory Site

Job ID: 480-218292-1

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

Lab Sample ID: MB 480-705914/2-A
Matrix: Solid
Analysis Batch: 705964

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705914

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
1,1-Dichloroethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
1,1-Dichloroethene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
1,2-Dichloroethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
1,2-Dichloropropane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
2-Butanone (MEK)	ND		25		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
2-Hexanone	ND		25		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
4-Methyl-2-pentanone (MIBK)	ND		25		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Acetone	ND		25		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Benzene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Bromodichloromethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Bromoform	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Bromomethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Carbon disulfide	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Carbon tetrachloride	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Chlorobenzene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Dibromochloromethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Chloroethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Chloroform	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Chloromethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Cyclohexane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Dichlorodifluoromethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Ethylbenzene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
1,2-Dibromoethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Isopropylbenzene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Methyl acetate	ND		25		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Methyl tert-butyl ether	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Methylcyclohexane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Methylene Chloride	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Styrene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Tetrachloroethene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Toluene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Trichloroethene	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Trichlorofluoromethane	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Vinyl chloride	ND		5.0		ug/Kg		04/02/24 14:44	04/03/24 00:52	1
Xylenes, Total	ND		10		ug/Kg		04/02/24 14:44	04/03/24 00:52	1

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

Lab Sample ID: MB 480-705914/2-A
Matrix: Solid
Analysis Batch: 705964

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705914

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*114*		*71 - 125*	*04/02/24 14:44*	*04/03/24 00:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*64 - 126*	*04/02/24 14:44*	*04/03/24 00:52*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*	*04/02/24 14:44*	*04/03/24 00:52*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 140*	*04/02/24 14:44*	*04/03/24 00:52*	*1*

Lab Sample ID: LCS 480-705914/1-A
Matrix: Solid
Analysis Batch: 705964

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705914

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	42.9		ug/Kg		86	77 - 121
1,1,2,2-Tetrachloroethane	50.0	52.4		ug/Kg		105	80 - 120
1,1,2-Trichloroethane	50.0	49.6		ug/Kg		99	78 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	43.0		ug/Kg		86	60 - 140
1,1-Dichloroethane	50.0	42.4		ug/Kg		85	73 - 126
1,1-Dichloroethene	50.0	42.1		ug/Kg		84	59 - 125
1,2,4-Trichlorobenzene	50.0	48.7		ug/Kg		97	64 - 120
1,2-Dibromo-3-Chloropropane	50.0	51.8		ug/Kg		104	63 - 124
1,2-Dichlorobenzene	50.0	49.9		ug/Kg		100	75 - 120
1,2-Dichloroethane	50.0	44.1		ug/Kg		88	77 - 122
1,2-Dichloropropane	50.0	43.9		ug/Kg		88	75 - 124
1,3-Dichlorobenzene	50.0	51.7		ug/Kg		103	74 - 120
1,4-Dichlorobenzene	50.0	51.4		ug/Kg		103	73 - 120
2-Butanone (MEK)	250	244		ug/Kg		98	70 - 134
2-Hexanone	250	253		ug/Kg		101	59 - 130
4-Methyl-2-pentanone (MIBK)	250	237		ug/Kg		95	65 - 133
Acetone	250	226		ug/Kg		90	61 - 137
Benzene	50.0	43.1		ug/Kg		86	79 - 127
Bromodichloromethane	50.0	45.2		ug/Kg		90	80 - 122
Bromoform	50.0	52.7		ug/Kg		105	68 - 126
Bromomethane	50.0	44.2		ug/Kg		88	37 - 149
Carbon disulfide	50.0	41.5		ug/Kg		83	64 - 131
Carbon tetrachloride	50.0	42.6		ug/Kg		85	75 - 135
Chlorobenzene	50.0	49.0		ug/Kg		98	76 - 124
Dibromochloromethane	50.0	51.7		ug/Kg		103	76 - 125
Chloroethane	50.0	43.7		ug/Kg		87	69 - 135
Chloroform	50.0	41.7		ug/Kg		83	80 - 120
Chloromethane	50.0	42.2		ug/Kg		84	63 - 127
cis-1,2-Dichloroethene	50.0	42.6		ug/Kg		85	81 - 120
cis-1,3-Dichloropropene	50.0	47.5		ug/Kg		95	80 - 120
Cyclohexane	50.0	41.8		ug/Kg		84	65 - 120
Dichlorodifluoromethane	50.0	41.7		ug/Kg		83	57 - 142
Ethylbenzene	50.0	47.5		ug/Kg		95	80 - 120
1,2-Dibromoethane	50.0	50.6		ug/Kg		101	78 - 120
Isopropylbenzene	50.0	51.3		ug/Kg		103	72 - 120
Methyl acetate	100	94.9		ug/Kg		95	55 - 136
Methyl tert-butyl ether	50.0	42.5		ug/Kg		85	63 - 125
Methylcyclohexane	50.0	42.5		ug/Kg		85	60 - 140

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

Lab Sample ID: LCS 480-705914/1-A
Matrix: Solid
Analysis Batch: 705964

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705914

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	50.0	43.6		ug/Kg		87	61 - 127
Styrene	50.0	48.0		ug/Kg		96	80 - 120
Tetrachloroethene	50.0	47.9		ug/Kg		96	74 - 122
Toluene	50.0	47.6		ug/Kg		95	74 - 128
trans-1,2-Dichloroethene	50.0	41.5		ug/Kg		83	78 - 126
trans-1,3-Dichloropropene	50.0	52.6		ug/Kg		105	73 - 123
Trichloroethene	50.0	44.9		ug/Kg		90	77 - 129
Trichlorofluoromethane	50.0	43.2		ug/Kg		86	65 - 146
Vinyl chloride	50.0	42.8		ug/Kg		86	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*111*		*71 - 125*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*
4-Bromofluorobenzene (Surr)	*99*		*72 - 126*
Dibromofluoromethane (Surr)	*95*		*60 - 140*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-706101/1-A
Matrix: Solid
Analysis Batch: 706210

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 706101

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Acenaphthylene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Anthracene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Benzo(a)anthracene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Benzo(a)pyrene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Benzo(b)fluoranthene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Benzo(g,h,i)perylene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Benzo(k)fluoranthene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Chrysene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Dibenz(a,h)anthracene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Dibenzofuran	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Fluoranthene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Fluorene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Hexachlorobenzene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Indeno(1,2,3-cd)pyrene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
m-Cresol	ND		320		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Naphthalene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
1,4-Dioxane	ND		97		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
o-Cresol	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
p-Cresol	ND		320		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Pentachlorophenol	ND		320		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Phenanthrene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Phenol	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1
Pyrene	ND		160		ug/Kg		04/03/24 16:43	04/04/24 14:14	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-706101/1-A
Matrix: Solid
Analysis Batch: 706210

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 706101

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	94		54 - 120	04/03/24 16:43	04/04/24 14:14	1
2-Fluorobiphenyl	86		60 - 120	04/03/24 16:43	04/04/24 14:14	1
2-Fluorophenol	78		52 - 120	04/03/24 16:43	04/04/24 14:14	1
Nitrobenzene-d5	78		53 - 120	04/03/24 16:43	04/04/24 14:14	1
Phenol-d5	77		54 - 120	04/03/24 16:43	04/04/24 14:14	1
p-Terphenyl-d14	95		79 - 130	04/03/24 16:43	04/04/24 14:14	1

Lab Sample ID: LCS 480-706101/2-A
Matrix: Solid
Analysis Batch: 706210

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 706101

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	1650	1430		ug/Kg		87	62 - 120
Acenaphthylene	1650	1270		ug/Kg		77	58 - 121
Anthracene	1650	1460		ug/Kg		89	62 - 120
Benzo(a)anthracene	1650	1480		ug/Kg		90	65 - 120
Benzo(a)pyrene	1650	1570		ug/Kg		95	64 - 120
Benzo(b)fluoranthene	1650	1550		ug/Kg		94	64 - 120
Benzo(g,h,i)perylene	1650	1610		ug/Kg		98	45 - 145
Benzo(k)fluoranthene	1650	1430		ug/Kg		87	65 - 120
Chrysene	1650	1540		ug/Kg		93	64 - 120
Dibenz(a,h)anthracene	1650	1640		ug/Kg		99	54 - 132
Dibenzofuran	1650	1350		ug/Kg		82	63 - 120
Fluoranthene	1650	1500		ug/Kg		91	62 - 120
Fluorene	1650	1310		ug/Kg		79	63 - 120
Hexachlorobenzene	1650	1680		ug/Kg		102	60 - 120
Indeno(1,2,3-cd)pyrene	1650	1760		ug/Kg		107	56 - 134
Naphthalene	1650	1280		ug/Kg		78	55 - 120
1,4-Dioxane	1650	731		ug/Kg		44	23 - 120
o-Cresol	1650	1150		ug/Kg		70	54 - 120
p-Cresol	1650	1180		ug/Kg		72	55 - 120
Pentachlorophenol	3290	3030		ug/Kg		92	10 - 120
Phenanthrene	1650	1450		ug/Kg		88	60 - 120
Phenol	1650	1120		ug/Kg		68	53 - 120
Pyrene	1650	1460		ug/Kg		89	61 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	120		54 - 120
2-Fluorobiphenyl	94		60 - 120
2-Fluorophenol	81		52 - 120
Nitrobenzene-d5	81		53 - 120
Phenol-d5	78		54 - 120
p-Terphenyl-d14	95		79 - 130

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 480-706103/1-A
Matrix: Solid
Analysis Batch: 706156

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 706103

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
4,4'-DDE	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
4,4'-DDT	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
Aldrin	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
alpha-BHC	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
cis-Chlordane	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
beta-BHC	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
delta-BHC	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
Dieldrin	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
Endosulfan I	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
Endosulfan II	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
Endosulfan sulfate	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
Endrin	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
Endrin aldehyde	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
Endrin ketone	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
gamma-BHC (Lindane)	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
trans-Chlordane	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
Heptachlor	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
Heptachlor epoxide	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
Methoxychlor	ND		1.7		ug/Kg		04/03/24 16:49	04/04/24 09:41	1
Toxaphene	ND		17		ug/Kg		04/03/24 16:49	04/04/24 09:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*100*		*45 - 120*	*04/03/24 16:49*	*04/04/24 09:41*	*1*
DCB Decachlorobiphenyl	*151*	*S1+*	*45 - 120*	*04/03/24 16:49*	*04/04/24 09:41*	*1*
Tetrachloro-m-xylene	*57*		*30 - 124*	*04/03/24 16:49*	*04/04/24 09:41*	*1*
Tetrachloro-m-xylene	*51*		*30 - 124*	*04/03/24 16:49*	*04/04/24 09:41*	*1*

Lab Sample ID: LCS 480-706103/2-A
Matrix: Solid
Analysis Batch: 706156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 706103

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	16.2	12.7		ug/Kg		79	56 - 120
4,4'-DDE	16.2	11.0		ug/Kg		68	44 - 120
4,4'-DDT	16.2	12.2		ug/Kg		76	38 - 120
Aldrin	16.2	11.1		ug/Kg		68	38 - 120
alpha-BHC	16.2	9.37		ug/Kg		58	39 - 120
cis-Chlordane	16.2	10.4		ug/Kg		64	47 - 120
beta-BHC	16.2	10.9		ug/Kg		67	40 - 120
delta-BHC	16.2	10.7		ug/Kg		66	45 - 120
Dieldrin	16.2	13.1		ug/Kg		81	58 - 120
Endosulfan I	16.2	12.2		ug/Kg		76	49 - 120
Endosulfan II	16.2	13.5		ug/Kg		83	55 - 120
Endosulfan sulfate	16.2	12.5		ug/Kg		78	49 - 124
Endrin	16.2	13.2		ug/Kg		82	58 - 120
Endrin aldehyde	16.2	8.81		ug/Kg		54	37 - 121
Endrin ketone	16.2	13.6		ug/Kg		84	46 - 123

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 480-706103/2-A
Matrix: Solid
Analysis Batch: 706156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 706103

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
gamma-BHC (Lindane)	16.2	10.4		ug/Kg		64	50 - 120
trans-Chlordane	16.2	10.8		ug/Kg		67	48 - 120
Heptachlor	16.2	11.7		ug/Kg		72	50 - 120
Heptachlor epoxide	16.2	12.2		ug/Kg		76	50 - 120
Methoxychlor	16.2	12.5		ug/Kg		78	58 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*86*		*45 - 120*
DCB Decachlorobiphenyl	*128*	*S1+*	*45 - 120*
Tetrachloro-m-xylene	*61*		*30 - 124*
Tetrachloro-m-xylene	*55*		*30 - 124*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-705967/1-A
Matrix: Solid
Analysis Batch: 706080

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705967

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.22		mg/Kg		04/03/24 06:05	04/03/24 16:13	1
PCB-1221	ND		0.22		mg/Kg		04/03/24 06:05	04/03/24 16:13	1
PCB-1232	ND		0.22		mg/Kg		04/03/24 06:05	04/03/24 16:13	1
PCB-1242	ND		0.22		mg/Kg		04/03/24 06:05	04/03/24 16:13	1
PCB-1248	ND		0.22		mg/Kg		04/03/24 06:05	04/03/24 16:13	1
PCB-1254	ND		0.22		mg/Kg		04/03/24 06:05	04/03/24 16:13	1
PCB-1260	ND		0.22		mg/Kg		04/03/24 06:05	04/03/24 16:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*131*		*60 - 154*	*04/03/24 06:05*	*04/03/24 16:13*	*1*
Tetrachloro-m-xylene	*125*		*60 - 154*	*04/03/24 06:05*	*04/03/24 16:13*	*1*
DCB Decachlorobiphenyl	*130*		*65 - 174*	*04/03/24 06:05*	*04/03/24 16:13*	*1*
DCB Decachlorobiphenyl	*143*		*65 - 174*	*04/03/24 06:05*	*04/03/24 16:13*	*1*

Lab Sample ID: LCS 480-705967/2-A
Matrix: Solid
Analysis Batch: 706080

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705967

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	2.09	2.67		mg/Kg		128	51 - 185
PCB-1260	2.09	2.75		mg/Kg		131	61 - 184

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*135*		*60 - 154*
Tetrachloro-m-xylene	*131*		*60 - 154*
DCB Decachlorobiphenyl	*126*		*65 - 174*
DCB Decachlorobiphenyl	*141*		*65 - 174*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 480-706158/1-A
Matrix: Solid
Analysis Batch: 706716

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 706158

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		17		ug/Kg		04/04/24 06:38	04/08/24 12:32	1
Silvex (2,4,5-TP)	ND		17		ug/Kg		04/04/24 06:38	04/08/24 12:32	1
2,4-D	ND		17		ug/Kg		04/04/24 06:38	04/08/24 12:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*77*		*28 - 129*	*04/04/24 06:38*	*04/08/24 12:32*	*1*
2,4-Dichlorophenylacetic acid	*75*		*28 - 129*	*04/04/24 06:38*	*04/08/24 12:32*	*1*

Lab Sample ID: LCS 480-706158/2-A
Matrix: Solid
Analysis Batch: 706716

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 706158

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-T	65.0	50.1		ug/Kg		77	41 - 120
Silvex (2,4,5-TP)	65.0	49.6		ug/Kg		76	39 - 125
2,4-D	65.0	50.0		ug/Kg		77	40 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*73*		*28 - 129*
2,4-Dichlorophenylacetic acid	*71*		*28 - 129*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-706054/1-A
Matrix: Solid
Analysis Batch: 706419

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 706054

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		10.2		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Antimony	ND		15.4		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Arsenic	ND		2.0		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Barium	ND		0.51		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Beryllium	ND		0.20		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Cadmium	ND		0.20		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Calcium	ND		51.2		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Chromium	ND		0.51		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Cobalt	ND		0.51		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Copper	ND		1.0		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Iron	ND		10.2		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Lead	ND		1.0		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Magnesium	ND		20.5		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Manganese	0.675		0.20		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Nickel	ND		5.1		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Potassium	ND		30.7		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Selenium	ND		4.1		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Silver	ND		0.61		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Sodium	ND		143		mg/Kg		04/03/24 13:30	04/04/24 14:33	1
Thallium	ND		6.1		mg/Kg		04/03/24 13:30	04/04/24 14:33	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 480-706054/1-A
Matrix: Solid
Analysis Batch: 706419

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 706054

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.51		mg/Kg		04/03/24 13:30	04/04/24 14:33	1

Lab Sample ID: LCSSRM 480-706054/2-A
Matrix: Solid
Analysis Batch: 706419

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 706054

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	10000	9923		mg/Kg		99.2	43.7 - 129.0
Antimony	270	101.7		mg/Kg		37.7	10.0 - 132.6
Arsenic	218	148.5		mg/Kg		68.1	57.8 - 110.1
Barium	388	302.9		mg/Kg		78.1	68.3 - 113.9
Beryllium	165	139.3		mg/Kg		84.4	69.1 - 115.8
Cadmium	118	91.91		mg/Kg		77.9	67.0 - 111.9
Calcium	5860	4839		mg/Kg		82.6	66.7 - 115.7
Chromium	255	208.7		mg/Kg		81.8	63.5 - 118.4
Cobalt	182	155.2		mg/Kg		85.3	68.7 - 114.3
Copper	135	107.7		mg/Kg		79.8	69.0 - 114.8
Iron	8860	7549		mg/Kg		85.2	10.3 - 172.7
Lead	155	133.3		mg/Kg		86.0	67.7 - 119.4
Magnesium	2380	2080		mg/Kg		87.4	54.6 - 125.6
Manganese	446	375.1		mg/Kg		84.1	70.4 - 114.3
Nickel	120	101.3		mg/Kg		84.4	63.2 - 117.5
Potassium	1960	1916		mg/Kg		97.8	50.1 - 127.0
Selenium	107	81.21		mg/Kg		75.9	58.3 - 121.5
Silver	51.0	38.64		mg/Kg		75.8	64.7 - 120.8
Sodium	519	417.9		mg/Kg		80.5	52.6 - 125.6
Thallium	188	160.0		mg/Kg		85.1	64.9 - 117.6
Vanadium	133	104.5		mg/Kg		78.6	69.1 - 115.8

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-705991/1-A
Matrix: Solid
Analysis Batch: 706267

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 705991

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020		mg/Kg		04/03/24 13:07	04/04/24 12:59	1

Lab Sample ID: LCSSRM 480-705991/2-A ^10
Matrix: Solid
Analysis Batch: 706267

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 705991

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			17.1	9.59		mg/Kg		56.1	36.0 - 109.9		

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 480-706091/1-A
Matrix: Solid
Analysis Batch: 706127

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 706091

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.94		mg/Kg		04/03/24 12:00	04/03/24 17:45	1

Lab Sample ID: LCS 480-706091/3-A
Matrix: Solid
Analysis Batch: 706127

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 706091

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.400	0.309		mg/Kg		77	29 - 122		

Lab Sample ID: LCS 480-706091/4-A
Matrix: Solid
Analysis Batch: 706127

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 706091

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.250	0.207		mg/Kg		83	29 - 122		

Lab Sample ID: LCSSRM 480-706091/2-A
Matrix: Solid
Analysis Batch: 706127

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 706091

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			154	44.94		mg/Kg		29.2	20.6 - 120.8		

GC/MS VOA

Prep Batch: 705914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-1	CF-VOC-1	Total/NA	Solid	5035A_L	
480-218292-2	CF-VOC-2	Total/NA	Solid	5035A_L	
480-218292-3	CF-VOC-3	Total/NA	Solid	5035A_L	
MB 480-705914/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-705914/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 705964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-1	CF-VOC-1	Total/NA	Solid	8260C	705914
480-218292-2	CF-VOC-2	Total/NA	Solid	8260C	705914
480-218292-3	CF-VOC-3	Total/NA	Solid	8260C	705914
MB 480-705914/2-A	Method Blank	Total/NA	Solid	8260C	705914
LCS 480-705914/1-A	Lab Control Sample	Total/NA	Solid	8260C	705914

GC/MS Semi VOA

Prep Batch: 706101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	3550C	
MB 480-706101/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-706101/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 706210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	8270D	706101
MB 480-706101/1-A	Method Blank	Total/NA	Solid	8270D	706101
LCS 480-706101/2-A	Lab Control Sample	Total/NA	Solid	8270D	706101

GC Semi VOA

Prep Batch: 705967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	3550C	
MB 480-705967/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-705967/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 706080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	8082A	705967
MB 480-705967/1-A	Method Blank	Total/NA	Solid	8082A	705967
LCS 480-705967/2-A	Lab Control Sample	Total/NA	Solid	8082A	705967

Prep Batch: 706103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	3550C	
MB 480-706103/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-706103/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 706156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	8081B	706103
MB 480-706103/1-A	Method Blank	Total/NA	Solid	8081B	706103

GC Semi VOA (Continued)

Analysis Batch: 706156 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-706103/2-A	Lab Control Sample	Total/NA	Solid	8081B	706103

Prep Batch: 706158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	8151A	
MB 480-706158/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 480-706158/2-A	Lab Control Sample	Total/NA	Solid	8151A	

Analysis Batch: 706716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	8151A	706158
MB 480-706158/1-A	Method Blank	Total/NA	Solid	8151A	706158
LCS 480-706158/2-A	Lab Control Sample	Total/NA	Solid	8151A	706158

Metals

Prep Batch: 705991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	7471B	
MB 480-705991/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-705991/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	

Prep Batch: 706054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	3050B	
MB 480-706054/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-706054/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 706267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	7471B	705991
MB 480-705991/1-A	Method Blank	Total/NA	Solid	7471B	705991
LCSSRM 480-705991/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	705991

Analysis Batch: 706419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	6010C	706054
MB 480-706054/1-A	Method Blank	Total/NA	Solid	6010C	706054
LCSSRM 480-706054/2-A	Lab Control Sample	Total/NA	Solid	6010C	706054

Analysis Batch: 706724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	6010C	706054

General Chemistry

Analysis Batch: 705780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-1	CF-VOC-1	Total/NA	Solid	Moisture	
480-218292-2	CF-VOC-2	Total/NA	Solid	Moisture	
480-218292-3	CF-VOC-3	Total/NA	Solid	Moisture	
480-218292-4	CF-COMP-1	Total/NA	Solid	Moisture	

QC Association Summary

Client: Stantec Consulting Services Inc
Project/Site: Carriage Factory Site

Job ID: 480-218292-1

General Chemistry

Prep Batch: 706091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	9012B	
MB 480-706091/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 480-706091/3-A	Lab Control Sample	Total/NA	Solid	9012B	
LCS 480-706091/4-A	Lab Control Sample	Total/NA	Solid	9012B	
LCSSRM 480-706091/2-A	Lab Control Sample	Total/NA	Solid	9012B	

Analysis Batch: 706127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-218292-4	CF-COMP-1	Total/NA	Solid	9012B	706091
MB 480-706091/1-A	Method Blank	Total/NA	Solid	9012B	706091
LCS 480-706091/3-A	Lab Control Sample	Total/NA	Solid	9012B	706091
LCS 480-706091/4-A	Lab Control Sample	Total/NA	Solid	9012B	706091
LCSSRM 480-706091/2-A	Lab Control Sample	Total/NA	Solid	9012B	706091

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Carriage Factory Site

Job ID: 480-218292-1

Client Sample ID: CF-VOC-1
Date Collected: 03/29/24 09:00
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			705914	LCH	EET BUF	04/02/24 14:44
Total/NA	Analysis	8260C		1	705964	LCH	EET BUF	04/03/24 01:16
Total/NA	Analysis	Moisture		1	705780	DSC	EET BUF	04/01/24 22:00

Client Sample ID: CF-VOC-2
Date Collected: 03/29/24 09:05
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			705914	LCH	EET BUF	04/02/24 14:44
Total/NA	Analysis	8260C		1	705964	LCH	EET BUF	04/03/24 01:40
Total/NA	Analysis	Moisture		1	705780	DSC	EET BUF	04/01/24 22:00

Client Sample ID: CF-VOC-3
Date Collected: 03/29/24 09:10
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			705914	LCH	EET BUF	04/02/24 14:44
Total/NA	Analysis	8260C		1	705964	LCH	EET BUF	04/03/24 02:04
Total/NA	Analysis	Moisture		1	705780	DSC	EET BUF	04/01/24 22:00

Client Sample ID: CF-COMP-1
Date Collected: 03/29/24 09:15
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	8151A			706158	SMP	EET BUF	04/04/24 06:38
Total/NA	Analysis	8151A		1	706716	MAN	EET BUF	04/08/24 18:40
Total/NA	Analysis	Moisture		1	705780	DSC	EET BUF	04/01/24 22:00

Client Sample ID: CF-COMP-1
Date Collected: 03/29/24 09:15
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-4
Matrix: Solid
Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			706101	SJM	EET BUF	04/03/24 16:43
Total/NA	Analysis	8270D		1	706210	JMM	EET BUF	04/04/24 17:38
Total/NA	Prep	3550C			706103	SJM	EET BUF	04/03/24 16:49
Total/NA	Analysis	8081B		1	706156	JLS	EET BUF	04/04/24 15:13
Total/NA	Prep	3550C			705967	VXF	EET BUF	04/03/24 06:05
Total/NA	Analysis	8082A		1	706080	W1T	EET BUF	04/03/24 18:34
Total/NA	Prep	3050B			706054	EMO	EET BUF	04/03/24 13:30
Total/NA	Analysis	6010C		1	706419	NZG	EET BUF	04/04/24 14:40

Lab Chronicle

Client: Stantec Consulting Services Inc
Project/Site: Carriage Factory Site

Job ID: 480-218292-1

Client Sample ID: CF-COMP-1

Date Collected: 03/29/24 09:15
Date Received: 03/30/24 10:00

Lab Sample ID: 480-218292-4

Matrix: Solid
Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			706054	EMO	EET BUF	04/03/24 13:30
Total/NA	Analysis	6010C		1	706724	NZG	EET BUF	04/08/24 10:15
Total/NA	Prep	7471B			705991	ESB	EET BUF	04/03/24 13:07
Total/NA	Analysis	7471B		1	706267	BMB	EET BUF	04/04/24 13:33
Total/NA	Prep	9012B			706091	AM	EET BUF	04/03/24 12:00
Total/NA	Analysis	9012B		1	706127	AM	EET BUF	04/03/24 18:11

Laboratory References:

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

Accreditation/Certification Summary

Client: Stantec Consulting Services Inc
Job ID: 480-218292-1
Project/Site: Carriage Factory Site

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Stantec Consulting Services Inc
Project/Site: Carriage Factory Site

Job ID: 480-218292-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
8081B	Organochlorine Pesticides (GC)	SW846	EET BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET BUF
8151A	Herbicides (GC)	SW846	EET BUF
6010C	Metals (ICP)	SW846	EET BUF
7471B	Mercury (CVAA)	SW846	EET BUF
9012B	Cyanide, Total andor Amenable	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
3050B	Preparation, Metals	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF
5035A_L	Closed System Purge and Trap	SW846	EET BUF
7471B	Preparation, Mercury	SW846	EET BUF
8151A	Extraction (Herbicides)	SW846	EET BUF
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Sample Summary

Client: Stantec Consulting Services Inc
Project/Site: Carriage Factory Site

Job ID: 480-218292-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-218292-1	CF-VOC-1	Solid	03/29/24 09:00	03/30/24 10:00
480-218292-2	CF-VOC-2	Solid	03/29/24 09:05	03/30/24 10:00
480-218292-3	CF-VOC-3	Solid	03/29/24 09:10	03/30/24 10:00
480-218292-4	CF-COMP-1	Solid	03/29/24 09:15	03/30/24 10:00

>> Select a Laboratory or Service Center <<
#N/A
#N/A
#N/A
##
Eurofins Buffalo

Chain of Custody Record

eurofins | Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact		Project Manager: Laura Best	Site Contact: Christiana DeLuca	Date: 3/29/2024	Eurofins Environment Testing America
Your Company Name here	Stantec	Email: laura.best@stantec.com	Lab Contact: Kavya Boyina	Carrier: FedEx	COC No: 1 of 1 COCs
Address	61 Commercial St. Ste 100	Tel/Fax: 585-301-0166	Analysis Turnaround Time		TALS Project #:
City/State/Zip	Rochester, NY 14614	☐ CALENDAR DAYS ☐ WORKING DAYS			Sampler:
(xxx) xxx-xxxx	585-475-1440 Phone	TAT if different from Below 5 day			For Lab Use Only:
(xxx) xxx-xxxx	FAX	☐ 2 weeks ☒ 1 week ☐ 2 days ☐ 1 day			Walk-in Client:
Project Name:	Carriage Factory				Lab Sampling:
Site:					Job / SDG No.:
PO #	213415055, 215				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Part 375 VOCs (8260)	Part 375 SVOCs (8270)	TAL Metals (6010/7471)	Total Cyanide (9012)	PCBs (8082)	Pesticides (8081)	Herbicides (8151)	Sample Specific Notes:
CF-VOC-1	3/29/24	0910	G	SO	1			X							
CF-VOC-2		0905	G	SO	1			X							
CF-VOC-3		0910	G	SO	1			X							
CF-CCMP-1		0915	C	SO	3				X	X	X	X	X	X	

Laura Best

480-218292 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

NYSDEC ASP Category B ; EQUIS 4 file EDWEDD

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temp. (°C): Obs'd: 3.6 Corr'd: _____ Therm ID No.: #1 ICE		
Relinquished by:	Company: Stantec	Date/Time: 3/29/24 1515	Received by: Laura Best	Company: Stantec	Date/Time: 3/29/24 1515
Relinquished by: Laura Best	Company: Stantec	Date/Time: 3/29/24 1640	Received by: FedEx	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TA	Date/Time: 3/30/24 0900

4/9/2024

Login Sample Receipt Checklist

Client: Stantec Consulting Services Inc

Job Number: 480-218292-1

Login Number: 218292
List Number: 1
Creator: Kolb, Chris M

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	STANTEC
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

From: Best, Laura
To: Klier, Joshuah J (DEC)
Cc: DeLuca, Christiana; Morgan, Adam T (DEC)
Subject: RE: Request to Reuse Onsite Soil for Cover System Material - C828184 Carriage Factory
Date: Wednesday, May 22, 2024 8:50:00 AM
Attachments: letter.c828184.2024-05-21.lab_certification_soil_reuse.pdf
form.c828184.2024-04-09.request_soil_use_as_cover_signed.pdf

Good morning Josh,

Yesterday afternoon we received the attached letter from Eurofins Buffalo regarding a lapse in accreditation for a period of time during which the Carriage Factory Trench Excavation soil re-use analyses were performed. Specifically, the accreditations for 6010c (Metals) and 8081b (Organochlorine Pesticides) were temporarily lapsed although shown as certified in the lab report. We understand that the accreditation lapse was administrative only and therefore does not affect the accuracy of the reported results. We placed the letter with the request form/lab report (also attached for reference) in our records and both will be included in the 2025 PRR documentation of the ground-intrusive and related activities.

Please let me know if you have any questions or concerns.

Thank you, Laura

From: Best, Laura
Sent: Tuesday, April 9, 2024 11:30 AM
To: Klier, Joshuah J (DEC) <Joshuah.Klier@dec.ny.gov>
Cc: DeLuca, Christiana <Christiana.Deluca@stantec.com>; Morgan, Adam T (DEC) <adam.morgan@dec.ny.gov>
Subject: RE: Request to Reuse Onsite Soil for Cover System Material - C828184 Carriage Factory

Hi Josh,

Thank you so much for the quick turn on this review. I apologize for the ECs, and I will definitely keep those in mind for future requests.

Thanks again, Laura

From: Klier, Joshuah J (DEC) <Joshuah.Klier@dec.ny.gov>
Sent: Tuesday, April 9, 2024 11:24 AM
To: Best, Laura <Laura.Best@stantec.com>
Cc: DeLuca, Christiana <Christiana.DeLuca@stantec.com>; Morgan, Adam T (DEC) <adam.morgan@dec.ny.gov>
Subject: Re: Request to Reuse Onsite Soil for Cover System Material - C828184 Carriage Factory

Laura,

Emerging containments should have been sampled for as well.

Since it's a small amount of material, we will allow without, but please keep in mind for future requests.

Material approved.

Get Outlook for iOS

From: Best, Laura <Laura.Best@stantec.com>
Sent: Tuesday, April 9, 2024 9:56 AM
To: Klier, Joshuah J (DEC) <Joshuah.Klier@dec.ny.gov>
Cc: DeLuca, Christiana <Christiana.DeLuca@stantec.com>
Subject: Request to Reuse Onsite Soil for Cover System Material - C828184 Carriage Factory

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

Dear Josh,

Please find attached a request to re-use soils derived from the excavation activities at the Carriage Factory BCP Site #C828184 onsite to restore the 2-ft cover system as they complete backfill operations.

As discussed on the phone, during portions of the excavation activities, a demarcation layer was not apparent and it became difficult to segregate “cover system materials” (above demarcation layer) with “backfill materials” (below demarcation layer). In areas where the demarcation layer was not observed or the segregation became infeasible, the materials were collectively considered “backfill”. This led to a shortage of approved cover system materials. The remaining backfill materials – described as apparently [reworked] native light brown silty soils – did not exhibit visual, olfactory, or PID indications of impact, and were tested in accordance with DER-10 to evaluate their suitability for reuse as cover.

The attached form describes the sampling performed and the lab results. We are hoping to continue backfill operations tomorrow and would appreciate very much your review.

Please let me know if you have any questions or comments on this request.

Thank you, Laura

Laura Best, PG
Hydrogeologist

Direct: 585 413-5327
Mobile: 585 301-0166
Laura.Best@stantec.com

Stantec
61 Commercial Street Suite 100
Rochester NY 14614-1009

The content of this email is the confidential property of Stantec and should not be copied, modified, retransmitted, or used for any purpose except with Stantec's written authorization. If you are not the intended recipient, please delete all copies and notify us immediately.

Caution: This email originated from outside of Stantec. Please take extra precaution.

Attention: Ce courriel provient de l'extérieur de Stantec. Veuillez prendre des précautions supplémentaires.

Atención: Este correo electrónico proviene de fuera de Stantec. Por favor, tome precauciones adicionales.

eurofins | Environment Testing

May 21, 2024

Sent Via Email

Laura Best
Stantec Consulting Services Inc
61 Commercial Street
Rochester, NY 14614

Re: Eurofins Buffalo Certification Status

Dear Laura Best,

A recent review of records identified an error such that the certification status for Eurofins Buffalo was listed incorrectly for a subset of analytes reported from September 8, 2023 to April 22, 2024. Affected test reports, detailed in the following table, incorrectly indicated the laboratory maintained certification for these analytes, when in actuality, the laboratory was not certified.

This loss of certification stems from an administrative delay in responding to a recent New York Department of Health (NY DOH) audit. Upon receipt of the certification loss notification, the laboratory should have discontinued these analytes and subcontracted affected samples to an appropriately certified laboratory. Unfortunately, this notification was not properly escalated and analysis was not suspended pending the resolution of audit findings with the state. It should be noted these outstanding audit findings were administrative in nature and do not affect the accuracy of the results originally reported. During this timeframe the laboratory prepared, analyzed, and reported samples in accordance with routine standard operating procedures (SOPs). On-going batch QC and proficiency testing samples were also successfully performed, unless indicated otherwise in the test report, and offer evidence to show the laboratory's analytical process was in control.

Upon identification of this error, the laboratory immediately contacted NY DOH. The facility responded swiftly and submitted a corrective action plan to address the outstanding audit findings within one week of becoming aware of this lapse. To date, all of the reviewed responses have been accepted by the accreditation authority, and the facility is currently awaiting recertification. In the interim, your Eurofins Project Manager is diligently monitoring sample receipts and finding alternative placement for the impacted analytes until Eurofins Buffalo certification is reinstated.

We have investigated the cause of the delayed audit response and have taken appropriate measures to ensure that this does not happen again. A list of affected analytes and Jobs are provided in the attached table. Please let us know if you prefer to have a revised report issued

eurofins | Environment Testing

to reflect the corrected certification status, or if this letter is sufficient documentation for your files.

We recognize the need for accurate, consistent laboratory analysis and reporting in regards to meeting project requirements, and we apologize for any difficulty this error may have caused. If you have any questions regarding this matter, need assistance discussing this issue with your regulatory agency, or have further items you would like to discuss with the laboratory, please feel free to contact your Eurofins Project Manager at John.Beninati@ET.eurofinsUS.com or 716-504-9874.

Sincerely,



Mark A Nemec
Business Unit Manager

eurofins | Environment Testing

Number of Samples					Method	
Primary Contact	Client	Project Desc	Job Number	Job Description	6010C	8081B
Ms. Laura Best	Stantec Consulting Services Inc	Carriage Factory Site	480-218292-1	Carriage Factory Site	1	1

OUTLINED AREAS APPROXIMATE LOCATIONS WHERE THE REPLACEMENT SOIL COVER SYSTEM IS VERTICALLY DEMARCATED BY ORANGE CONSTRUCTION FENCING DURING THE PLANNED COOLING TOWER EXCAVATION ACTIVITIES IN MARCH 2024.

HSE. HSE. HSE. HSE. HSE. HSE. HSE. HSE. GAR. BLDG.

CLARK (15.0' WIDE) ALLEY

LANDSCAPE LANDSCAPE LANDSCAPE

LI-EW-S5-3 LI-EW-S6-3 LI-EW-S6-2 LI-EW-S6-1

LI-EW-S5-2 LI-EW-S7-1

ASPHALT PARKING LOT

UTILITY AREA WITH ROOF

STONE PATIO

LI-EXT-TP5 LI-EXT-TP1 TP-1 TP-5

LANDSCAPE

LI-EW-S4-1 LI-EW-S3-1 LI-EW-S1 LI-EW-S5-1 LI-EW-S3-2 LI-EW-S4-2 LI-EW-S7-2 LI-EW-S8-1 LI-EW-S8-2

LANDSCAPE LANDSCAPE LANDSCAPE LANDSCAPE

ASPHALT DRIVEWAY

DOORWAY ELEV:518.50

5 STORY BUILDING

MECHANICAL RPZ ROOM

LITCHFIELD (33.0' WIDE) STREET

BLDG. BLDG.

0 20 40 60

SCALE IN FEET

ORIGINAL SHEET – ANSI D

\\lsg0275-pnfsg01\shared_projects\213415055\05_report_deliv\dwgs_design\CAD_figures\Figure 9\Figure 9 Exterior Area - Demarcation Layer And Remaining Contamination.dwg
2025/04/03 10:19 AM By: Lees, Andy

Stantec
61 COMMERCIAL STREET
ROCHESTER, NY
14641
Tel. 585-475-1440
Fax. 585-424-5951
www.stantec.com

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing – any errors or omissions shall be reported to Stantec without delay.
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Consultants

Legend

- AREA OF FILTER FABRIC DEMARCATION LAYER
- AREA OF GEOGRID DEMARCATION LAYER
- AREA OF COOLING TOWER EXCAVATION
- PROPERTY LINE
- CONFIRMATORY SOIL SAMPLE LOCATIONS
- TP-5 TESTPIT / SOIL SAMPLE LOCATION

Notes

1. PLAN ADAPTED FROM BASE PLAN BY PARRONE ENGINEERING.
2. THE POTENTIAL FOR CONTAMINATION TO BE PRESENT IN SOILS BENEATH THE DEMARCATION LAYER EXISTS IN ALL EXTERIOR AREAS. SEE TEXT FOR ADDITIONAL DISCUSSION OF REMAINING CONTAMINATION.

Revision	By	Appd.	YY.MM.DD
Revised to include Cooling Tower Excavation	APL	LB	25.04.03

Issued | By | Appd. | YY.MM.DD

File Name: | Dwn. | Chkd. | Dsgn. | YY.MM.DD

Permit-Seal

Client/Project

CARRIAGE FACTORY SPECIAL NEEDS APARTMENTS, L.P.
SITE MANAGEMENT PLAN

BROWNFIELD CLEANUP PROGRAM
FORMER CARRIAGE FACTORY

33 LITCHFIELD STREET, ROCHESTER , NY

Title

EXTERIOR AREA - DEMARCATION LAYER AND REMAINING CONTAMINATION

Project No.	Scale	
213415055	AS SHOWN	
Drawing No.	Sheet	Revision
FIGURE 9	of	0