Canal Street Manufacturing Site

67-89 CANAL STREET

MONROE COUNTY

ROCHESTER, NEW YORK

DRAFT Final Engineering Report

NYSDEC Site Number: C828206

Prepared for:

East House Canal Street LLC

259 Monroe Avenue, Suite 200

Rochester, New York 14607

Prepared by:

Stantec Consulting Services, Inc.

61 Commercial Street, Suite 100

Rochester, New York 14614

JANUARY 2024

CERTIFICATIONS

I Dwight Harrienger certify that I am currently a NYS registered professional engineer and that this Final Engineering Report was prepared in accordance with the applicable statues and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and DER Green Remediation (DER-31) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.

I certify that I had primary direct responsibility for implementation of the remedial program activities, and I certify that the Remedial Action Work Plan was implemented and that all construction activities were completed in substantial conformance with the Department-approved Remedial Action Work Plan.

I certify that the data submitted to the Department with this Final Engineering Report demonstrates that the remediation requirements set forth in the Remedial Action Work Plan and in all applicable statutes and regulations have been or will be achieved in accordance with the time frames, if any, established for the remedy.

I certify that all use restrictions, Institutional Controls, Engineering Controls, and/or any operation and maintenance requirements applicable to the Site are contained in an environmental easement created and recorded pursuant ECL 71-3605 and that all affected local governments, as defined in ECL 71-3603, have been notified that such easement has been recorded.

I certify that a Site Management Plan has been submitted for the continual and proper operation, maintenance, and monitoring of all Engineering Controls employed at the Site, including the proper maintenance of all remaining monitoring wells, and that such plan has been approved by the Department.

I certify that all documents generated in support of this report have been submitted in accordance with the DER's electronic submission protocols and have been accepted by the Department.

I certify that all data generated in support of this report have been submitted in accordance with the Department's electronic data deliverable and have been accepted by the Department.

I certify that all information and statements in this certification form 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, of Stantec Consulting Services Inc. (Stantec), 61 Commercial Street, Suite 100, Rochester, New York, 14614, am certifying as Owner's Designated Site Representative for the Canal Street Manufacturing Site.

NYS Professional Engineer #	Date	Signature

Table of Contents

LIST OF ACRONYMS v

1.0 Background and Site Description 1.1

1.1 SITE HISTORY AND LAND USE 1.2
1.2 OVERVIEW OF PREVIOUS INVESTIGATIONS 1.3
1.2.1 NYSDEC PBS and Spill Files 1.3
1.2.2 Site Characterization Report, Canal Street Former MGP Site 1.5
1.2.3 2014 Phase II Environmental Site Assessment 1.5
1.2.4 2017, 2018, 2022 Phase I Environmental Site Assessment 1.6
1.2.5 Remedial Investigation (2018-2019) 1.9
1.2.6 Alternatives Analysis, Remedy Selection, and Remedial Action 1.13

2.0 Summary of Site Remedy 2.15

2.1 REMEDIAL ACTION OBJECTIVES 2.15
2.1.1 Groundwater RAOs 2.15
2.1.2 Soil RAOs 2.15
2.1.3 Soil Vapor RAOs 2.15
2.2 STANDARDS, CRITERIA, AND GUIDANCE VALUES 2.16
2.2.1 Groundwater 2.16
2.2.2 Soil 2.16
2.3 DESCRIPTION OF SELECTED REMEDY 2.17

3.0 Interim Remedial Measures, Operable Units and Remedial Contracts 3.20

4.0 Description of Remedial Actions Performed 4.21

4.1 GOVERNING DOCUMENTS 4.21
4.1.1 Site Specific Health and Safety Plan (HASP) 4.21
4.1.2 Quality Assurance Project Plan (QAPP) 4.21
4.1.3 Community Air Monitoring Plan (CAMP) 4.21
4.1.4 Community Participation 4.22
4.2 REMEDIAL PROGRAM ELEMENTS 4.23
4.2.1 Contractors and Consultants 4.23
4.2.2 Site Preparation 4.24
4.2.3 General Site Controls 4.25
4.2.4 Nuisance Controls 4.27
4.2.5 CAMP results 4.28
4.2.6 Reporting 4.31
4.3 CONTAMINATED MATERIALS REMOVAL 4.31
4.3.1 Summary of Contaminated Media/Material Removed 4.31
4.3.2 Contained in Determination 4.34
4.3.3 Off-Site Disposal 4.37
4.3.4 On-Site Reuse 4.37

4.3.5 Off-Site Reuse 4.38
4.4 REMEDIAL PERFORMANCE/DOCUMENTATION SAMPLING 4.38
4.4.1 Overview of Approach 4.38
4.4.2 Petroleum Excavation Areas 4.39
4.4.3 Analytical Laboratory Program and Quality Assurance/Quality Control Evaluation 4.41
4.5 IMPORTED BACKFILL 4.42
4.6 IN-SITU GROUNDWATER REMEDIATION 4.44
4.6.1 Enhanced *In Situ* Biodegradation (EISB) 4.44
4.6.2 Enhanced Reductive Dechlorination (ERD) 4.46
4.6.3 Groundwater Monitoring 4.47
4.7 CONTAMINATION REMAINING AT THE SITE 4.48
4.7.1 Groundwater 4.49
4.7.2 Soil 4.50
4.7.3 Soil Vapor 4.51
4.8 COVER SYSTEM 4.52
4.9 OTHER ENGINEERING CONTROLS 4.52
4.9.1 Sub-Slab Depressurization System (SSDS) 4.53
4.9.2 Monitoring of the In-Situ Groundwater Remediation Program 4.54
4.9.3 Elevator Pit and Perimeter Drain Sumps 4.54
4.10 INSTITUTIONAL CONTROLS 4.55
4.11 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN 4.55
4.11.1 RAWP Addendum No. 1 ..... 4.55
4.11.2 RAWP Addendum No. 2 ..... 4.56
4.11.3 RAWP Deviations 4.56

5.0 References 5.60

LIST OF TABLES

Table 1 Summary of Analytical Results for RI Waste Characterization Soil Samples
Table 2 Summary of Analytical Results for Groundwater
Table 3 Soils Exceeding Restricted SCOs after the Remedial Action
Table 4 Offsite Soil Disposal Volumes and Facilities
Table 5 Waste Disposal Summary - Liquid
Table 6 Summary of Remedial Action Samples - Asbestos
Table 7 Summary of Remedial Action Samples - Solid
Table 8 Pre-waste characterization soil analytical results
Table 9 Pre-waste characterization soil analytical results
Table 10 Pre-waste characterization soil analytical results
Table 11 Pre-waste characterization soil analytical results
Table 12 Pre-waste characterization soil analytical results
Table 13 Pre-waste characterization petroleum soil composite analytical results
Table 14 Pre-waste characterization soil composite analytical results
Table 15 Pre-waste characterization soil composite analytical results

Table 16 Pre-waste characterization soil composite analytical results
Table 17 Summary of Pre-Waste Characterization Composites
Table 18 Waste Disposal Summary – Drummed
Table 19 Waste Disposal Summary – Other
Table 20 Summary of Analytical Results for Waste Characterization – Solid
Table 21 Summary of Analytical Results for Waste Characterization - Liquid
Table 22 Summary of Analytical Results for Confirmatory Samples
Table 23 Imported Material Sources and Volumes
Table 24 Imported Material Sources and Volumes (Totals)
Table 25 Summary of Analytical Results for Imported Topsoil
Table 26 Summary of Remedial Action Samples - Liquid

LIST OF FIGURES

Figure 1 Project Site Map
Figure 2 Site Layout Map
Figure 3 Investigation and Sample Location
Figure 4 Exceedances of Applicable NYSDEC Soil Cleanup Objectives Prior to Remedial Action
Figure 4A Exceedances of Applicable NYSDEC Groundwater Cleanup Objectives Prior to Remedial Action
Figure 5 Petroleum Excavation and Confirmatory Sample Locations
Figure 5A Excavations and Imported Fill Placement Type Location
Figure 6 Contour Map of Cut and Fill Thickness
Figure 7 In-Situ Waste Characterization Sample Locations
Figure 8 CID Areas and Details
Figure 9 Enhanced In-situ Bioremediation Application Areas
Figure 9A Enhanced In-situ Bioremediation Application System Details
Figure 10 Enhanced Reductive Dechlorination (ERD) Application Areas
Figure 11 Well Gauging Results and Interpreted Groundwater Elevation Contour Map – September 27, 2023
Figure 12 Exceedances of NYSDEC SCOs in Investigation or Confirmatory Sample Locations following Implementation of Remedial Action
Figure 12A Exceedances of NYSDEC Standards and Guidance Values in Groundwater Samples following Implementation of Remedial Action
Figure 13 Demarcation Layer Survey
Figure 14 Site Cover Types
Figure 14A Site Cover Types Details
Figure 15 Sub-Slab Depressurization Plan (SSDS) (Area A)
Figure 15A Sub-Slab Depressurization Plan (SSDS) (Area B)
Figure 16 Perimeter Drain and Elevator Sump Plumbing Plan and Details
Figure 16A SSDS – Sump Design Details

LIST OF APPENDICES

Appendix A Survey Map, Metes and Bounds
Appendix B Digital Copy of the FER
Appendix C Weekly and Monthly Progress Reports
Appendix D NYSDEC Approvals of Substantive Technical Requirements
Appendix E Remediation Related Permits
Appendix F Photo Log
Appendix G CAMP Field Data Sheets and Air Monitoring Data
Appendix H Exported Material Documentation
Appendix I Analytical Laboratory Reports
Appendix J Disposal Facility Approvals
Appendix K Data Usability Summary Report (DUSR)
Appendix L Asbestos and Mold Clearance Reports
Appendix M Imported Materials Documentation
Appendix N Soil Boring and Well Logs
Appendix O Environmental Easement
Appendix P EC As-Built Drawings and Documentation

LIST OF ACRONYMS

AAR	Alternatives Analysis Report
ASP	Analytical Services Protocol
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
bsg	Below ground surface
CAMP	Community Air Monitoring Plan
CID	Contained-in Determination
COC	Contaminants of Concern
CP	Commissioner Policy
CPP	Community Participation Plan
CR	Crusher Run
CVOC	Chlorinated Volatile Organic Compound
DER	Division of Environmental Remediation
DMM	Division of Materials Management
DUSR	Data Usability Summary Report
EC	Engineering Control
EE	Environmental Easement
EISB	Enhanced In-Situ Bioremediation
ELAP	Environmental Laboratory Approval Program
ERD	Enhanced Reductive Dechlorination
ESA	Environmental Site Assessment
FER	Final Engineering Report
HASP	Health and Safety Plan
HSC	Hamilton Stern Construction
IC	Institutional Control
MCDES	Monroe County Department of Environmental Services
MEK	Methyl Ethyl Ketone
MGP	Manufactured Gas Plant
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYCRR	New York Codes, Rules and Regulations
OSHA	Occupational Safety and Health Administration
PAH	Polycyclic Aromatic Hydrocarbon
P.E.	Professional Engineer
PID	Photoionization Detector
PM	Project Manager
POGW	Protection of Groundwater
PRR	Periodic Review Report
PVOC	Petroleum Volatile Organic Compound

QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
RAO	Remedial Action Objective
RAWP	Remedial Action Work Plan
RI	Remedial Investigation
RIR	Remedial Investigation Report
RR	Restricted Residential
SCG	Standards, Criteria and Guidelines
SCO	Soil Cleanup Objective
SEQRA	New York State Environmental Quality Review Act
SMP	Site Management Plan
SSDS	Sub-Slab Depressurization System
SVE	Soil Vapor Extraction
SVI	Soil Vapor Intrusion
SVOC	Semi Volatile Organic Compounds
TAL	Target Analyte List
TCL	Target Compound List
TOGS	Technical and Operational Guidance Series
TWA	Time Weighted Average
UIC	Underground Injection Control
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VOC	Volatile Organic Compound
VMP	Vacuum Monitoring Point

1.0 Background and Site Description

Volunteer East House Canal Street LLC (East House or Volunteer) entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in July 2018, to investigate and remediate a 1.70-acre property located at 67-89 Canal Street in the City of Rochester, New York (hereinafter referred to as the "Site"; see Figure 1). The first BCA Amendment was submitted in August 2021 and approved by the Department on January 28, 2022 to change the BCP Site boundary to include an alley way and to increase the acreage of the Site to 1.72 acres. The alley enters the Site along the north side, which was re-subdivided into the overall Site. The second BCA Amendment was submitted in August 2023 and approved by the Department on September 18, 2023. This second BCA Amendment documented the change of ownership of the Site from 67-89 Canal LLC to the East House Canal Street Housing Development Fund Corporation as the fee Owner of the Site with East House as the beneficial Owner. The property was remediated to restricted residential (RR) use and will be used as a mixed-use, mixed-income housing development.

The Site is located in the City of Rochester, County of Monroe, New York and is identified as Tax Parcel No. 120.36-2-1.002. The Site is situated on an approximately 1.72-acre area bounded by Wiley Street and a parking lot to the north, 30 Litchfield Street and 53 Canal Street to the south, Canal Street to the east, and Litchfield Street to the west (see Figure 2). The boundaries of the Site are fully described in Appendix A: Survey Map, Metes and Bounds which includes the Environmental Easement, which Map shows the BCP Site boundary matches the tax map boundary.

The Site is developed with a newly renovated, approximately 170,000± gross sq. ft. five-story U-shaped former manufacturing building primarily constructed of brick with some stone and concrete block portions. The building was originally constructed in the early 1900s in two phases, hereinafter referred to as building Area A and building Area B (previously identified as Northern building and Southern building, Annex A and Annex B, North Annex and South

Annex, or Main Manufacturing building and Southern building, respectively). The first floor of the building is located partially below grade. A 7,100± sq. ft. concrete block, one-story building in the center of the Site (Loading Dock Building) and a 3,030± sq. ft. concrete block garage/shop building in the northwest corner of the Site (Garage/Shop Building) were demolished as part of the BCP required remediation to investigate and remediate under these former structures. The pre-existing floor slab of the manufacturing building was also removed to remediate source areas under the building and was replaced with a new floor slab, including a vapor barrier (required sealing layer) and sub-slab depressurization system (SSDS) to serve as a new building cover system and to address potential soil vapor intrusion (SVI).

An electronic copy of this Final Engineering Report (FER) with all supporting documentation is included as Appendix B.

1.1 Site History and Land Use

Land use in the surrounding area includes mixture of commercial, industrial, and residential properties. The properties immediately south of the Site include a vacant commercial building and a Rochester Gas & Electric (RG&E) electrical substation; the properties immediately north of the Site include a parcel containing a paved lot surrounded by vegetation, bounded by a railroad right-of-way to the north; the properties immediately east of the Site include properties used for light-manufacturing and storage, and various structures associated with a lumber yard; and the properties to the west of the Site include the Carriage Factory Apartments (Brownfield Cleanup Program [BCP] Site #C828184) at 33 Litchfield Street and a self-storage facility. Pertinent historical records for the Site and properties adjacent to the Site are described in the Phase I Environmental Site Assessments (Stantec, 2017, Stantec, 2018a Stantec 2022a)

Historical records indicate that the first known use of the Site was for multiple residential dwellings from the mid-1870s to the early 1900s. In the early 1900s, the southern portion of the main manufacturing building was constructed, and additions were made between 1904 and 1912 to cover the current building footprint. From 1910 until the early 1950s, the Site was utilized as a

shoe manufacturing facility, and portions of the Site also contained residential dwellings until the 1930s. In the early 1950s, the shoe manufacturer was replaced by 'Kanty Paper Boxes.' A macaroni manufacturer operated in the northern portion of the building from the 1940s until the early 1950s and occupied the remainder of the Site until the early 1980s, except for the southern portion of the building which was labeled 'Paper Packaging Products Warehouse' in 1971. In the late 1980s-2000s, occupants of the Property included a storage company, a studio, a graphics company, a woodworking company, general contractors, Fowler & Webster Inc., and the Volunteers of America (VOA). Buckingham Properties purchased the Property from the VOA in 2011. East House Canal Street Housing Development Fund Corporation became the fee owner of the Property in 2022 with East House as the beneficial as documented in the second BCA Amendment.

Prior to the start of construction in 2022, the Site was vacant. Given the intended future use of the property as mixed use including residential apartments, the remediation was completed to meet RR standards.

1.2 Overview of Previous Investigations

The following sub-sections provide an overview of the historical investigations and activities performed at the Site and relevant investigations performed adjacent to the Site.

1.2.1 NYSDEC PBS and Spill Files

According to the information received from the NYSDEC, five tanks with three reported spills had previously been on-Site as follows:

- One tank was removed before 1993. This tank was not registered; however, it was discussed in spill information for Spill No. 9300522;
- Two tanks, a 500-gallon gasoline Underground Storage Tank (UST) (Tank ID 001X) and a 2,000-gallon gasoline UST (Tank ID 002X) were registered and were removed in 1993; and

- Two tanks, a 500-gallon gasoline UST (Tank ID 001A) and a 2,000-gallon diesel UST (Tank ID 001B) were installed in 1993 and removed in 2012.

According to the NYSDEC spill file information from 1993 (Spill No. 9300522), gasoline was discovered in the building sump and northern loading dock area. The problem was reportedly from leaking USTs; at the time, the facility had one diesel UST and one gasoline UST. Upon discovery of the spill, the gasoline tank was pumped out. The NYSDEC sampled from several drilled holes in the ground between the retaining wall and the pavement of the loading dock, elevated Photoionization Detector (PID) readings were measured. Both tanks were subsequently removed by Pro Testing, and new tanks were installed. Gasoline odors and staining were noted in the excavation. The 1993 spill information identifies a third UST, which had been removed two to three years earlier within the same area, but there is no documentation of a spill at that time. This was suspected to be the source of contamination within the area since the tanks removed in 1993 appeared to be in good condition. Soil was excavated within the area of the tanks and a trench was installed north of the tank locations in order to install a soil vapor extraction (SVE) system. No other information on this system was provided in the spill information obtained by Stantec. The spill was closed ten years later since the SVE system had remained in place and there were no other indications of residual contamination causing impacts per the information received. This work was performed by the VOA, the Owner at the time of the spill and cleanup.

The third identified spill (Spill No. 1005055) was a result of equipment failure that caused a release of hydraulic oil onto the asphalt pavement.

According to information received from the NYSDEC, two tanks (one 2,000-gallon gasoline UST and one 500-gallon diesel UST) were removed by Piedmont Equipment, Inc. in 2012 for Buckingham Properties; however, a written report was not generated until two years later in 2014. Two confirmatory soil samples were collected in 2012, and the reported concentrations were well below applicable soil cleanup objectives. The NYSDEC closed the spill file (No. 0910281) associated with the tank removals given the removal of the tanks and then current

industrial property usage; however, the NYSDEC also stated that residual soil and groundwater impacts may remain.

1.2.2 Site Characterization Report, Canal Street Former MGP Site

A Site Characterization Report for the adjoining former RG&E Manufactured Gas Plant (MGP) Site was completed by Haley & Aldrich in 2008 (Haley & Alrich, 2008) for RG&E. The following is a summary of findings as it pertains to this Site:

The property adjacent to the east, 90 Canal Street (see Figure 2), was the location of a former RG&E Canal Street MGP operated in the late 1800s with subsequent industrial operations since that time. In 2008, groundwater samples were collected from monitoring wells throughout the facility including MW-9 which is in the sidewalk on the west side of Canal Street, immediately adjacent to the Site boundary (see Figure 3). Several compounds, including 1,2-dichloroethane, 2-butanone (methyl ethyl ketone), acetone, cyclohexane, methylcyclohexane, and six petroleum-related compounds were detected in MW-9, but were either not detected in other wells from the former MGP Site, or if detected, were present at much lower concentrations, suggesting that there may be different source for contaminants in the area of MW-9. Given the analytical results from the 2008 RG&E Site groundwater sampling event, it appeared likely that the northeast portion of the Site was impacted; however, in the area of MW-9 it did not appear to be from the former MGP facility.

1.2.3 2014 Phase II Environmental Site Assessment

A Phase II Environmental Site Assessment (ESA) was completed by LaBella Associates for Woods Oviatt Gilman, LLP (LaBella, 2014) in 2014 to investigate: (1) potential petroleum impacts from the former UST locations on the Site; (2) potential petroleum and chlorinated solvent impacts from the Carriage Factory Brownfield Site (located west of the Property); and (3) potential impacts from the former RG&E Canal Street MGP Site (discussed above in Section 1.2.1.2). The investigation involved installation of thirteen soil borings and two monitoring

wells, and analysis of five soil samples and three groundwater samples, including one groundwater sample collected from the existing RG&E MGP Canal Street Site well, MW-9.

Investigation locations are depicted on Figure 3. Summarized below are the analytical exceedances of applicable regulatory standards:

- Several petroleum-related compounds were identified in soil boring GP-06/MW-01 located adjacent to the former UST locations (Figure 3). A monitoring well was installed at this location and nine petroleum-related compounds were detected in a groundwater sample at levels that exceeded NYSDEC groundwater standards.

- Monitoring well GP-11/MW-02 installed to investigate potential impacts from the adjacent Carriage Factory Brownfield Site had detections of three chlorinated volatile organic compounds (CVOCs) at concentrations slightly above groundwater standards.

- In 2008, an estimated ("J" value) detection of the CVOC 1,2-dichloroethane and five petroleum-related compounds were detected above groundwater standards in MW-9 (installed as part of an investigation on the adjacent MGP Site) located in the Canal Street ROW immediately east of the Site. This well was resampled as part of the 2014 Phase II ESA and chloromethane, acetone, and 13 petroleum-related compounds were detected above groundwater standards. Some of these compounds were not detected in groundwater on the MGP Site, thus impacts in this well were presumed to be from a different source, potentially the Site, given the apparent groundwater flow direction.

1.2.4 2017, 2018, 2022 Phase I Environmental Site Assessment

Stantec conducted Phase I ESAs in 2017, 2018, and 2022 for East House in accordance with the requirements of American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM, 2013, ASTM, 2021). The purpose of the 2018 Phase I ESA was to update the 2017 findings with new Site information that was subsequently received. The 2022 Phase I update summarized the

findings of the RI and activities planned remedial activities and updated the Recognized Environmental Conditions (RECs) accordingly.

The 2018 Phase I ESA report listed the following RECs:

- The historical use of the Site (including former shoe and box manufacturing facility and garage/shop building operations) in conjunction with floor drains with unknown discharge locations;
- History of tanks, reported spills, and documentation of on-Site petroleum impacts to soil and groundwater from historical gasoline/diesel USTs;
- Presence of a former 25,000-gallon tank with unknown contents within the northern building footprint (it is unknown if this tank was aboveground or underground);
- Presence of a vacuum heating pump with unknown contents in the northern manufacturing building;
- Debris piles consisting of mostly soil, asphalt, rocks, and brick with trace amounts of slag and coal with unknown origin were observed at exterior on-Site locations. Following completion of the Phase I ESA, but prior to entering the BCP, these materials were removed from the Site by Buckingham Properties ("Previous Owner");
- Past storage of paint and other materials on a pervious surface. Old paint cans and buckets of what appeared to be tar (some containers without covers) were observed under an overhang labeled 'propane storage' adjacent to the building, were removed by the Owner since the initial Site visit. Minor staining was observed by Stantec on the asphalt and wood shelves where these containers had previously been located;
- Historical storage of pesticides and associated staining and circular 55-gallon drum indentations within a room labeled "Pesticide Room" on the 4th floor of the northern building; and

- Urban Fill containing heavy metals and polycyclic aromatic hydrocarbons (PAHs) is known to be present on an adjoining property. Similar conditions were expected to exist on this Site; and

- An area-wide, generally low-level CVOC contamination plume originating from an off-Site property adjacent to the west. Some of the same CVOC compounds have been documented to be present in groundwater in one well on the west side of the Site, which may affect the Site's soil, soil vapor, and indoor air.

The 2018 Phase I ESA report also identified historical use of adjoining properties as railway lines/coal yard, automobile manufacturing, lumber yard, a MGP, electric substation and powerhouse, asphalt paving company and various other manufacturers including camera works, gum and vending machines, and washers and dryers.

At the time of the initial Phase I ESA Site visit on August 15, 2017, two rooms on the lower level of the manufacturing building could not be opened and inspected. During a January 18, 2018 visit to the Site, these two rooms were able to be accessed. The rooms appeared to have been constructed to hold volatile/flammable materials given that the floors for both rooms were slightly below the grade of the rest of the building and apparent explosion-proof light fixtures were observed. Broken concrete, building material debris and apparent manufacturing equipment were present in one of the rooms. In the second room numerous paint cans, five-gallon containers, a soil pile and building material debris were observed. The Owner at the time removed the paint cans and five-gallon containers from this second room which was confirmed by Stantec during a follow-up Site visit on March 21, 2018. The condition of the floor could not be observed due to the presence of soil, asbestos containing debris and other building material debris. Some paint was spilled just outside of the rooms during removal, and this spill was cleaned up by the Owner at the time, resulting in de minimis staining on the concrete floor.

1.2.5 BCP Remedial Investigation (2018-2019)

The Remedial Investigation (RI) was performed by Stantec, on behalf of the Volunteer in accordance with the BCP Remedial Investigation Work Plan (RIWP), dated March 2018 (Stantec 2018b), and Work Plan Addendum, dated October 9, 2018 (Stantec, 2018c), which was approved by NYSDEC on December 28, 2018, and Progress Report Number 6 dated January 10, 2019. The primary elements of the RI included (further detail on investigation activities and methodology is provided in the RI report [Stantec, 2018c, Stantec 2018d]):

- Geophysical (electromagnetic) survey of exterior areas;
- Hazardous building material assessment;
- Utility clearance;
- Video survey and dye testing of accessible interior floor drains and sump, and associated piping;
- Passive soil gas survey;
- Test pit program with associated subsurface soil sampling;
- Interior and exterior test boring program with associated subsurface soil sampling;
- Installation of overburden and overburden/bedrock interface monitoring wells;
- Monitoring well development;
- Monitoring well location survey;
- Groundwater level measurement;
- Groundwater sampling;
- Hydraulic conductivity (slug) testing of selected wells;
- Surface soil sampling;
- Laboratory analysis of soil and groundwater samples; and
- Investigation-derived waste management.

The RI field investigation program was performed during the period August 3, 2018 through April 25, 2019. Investigation locations are depicted on Figure 3. The findings of the RI are described in the Final RI report (Stantec, 2020a), and are summarized below:

- Floor Drains and Piping: Accessible drain lines were first inspected with video equipment. The piping was found to be intact with no obvious evidence of piping breaches with one exception. A 10-ft. long section of the north-south oriented pipe

connecting the floor drain in the northern section of the main building's interior loading dock to the sump located adjacent to the dock was found to have cracked with broken portions near the floor drain; however, water was observed flowing freely to the sump in the video. This drain and sump were documented to contain apparent gasoline in 1993 per the NYSDEC spill report (#9300522) for the Site.

- *Petroleum Impacts*: Petroleum impacts in soil and/or groundwater were identified in the following four areas of the Site:

    - *Northeastern Portion of the Site*: Petroleum Volatile Organic Compounds (PVOCs) and PAH exceedances in soil were detected in investigation locations in the northeastern quadrant of the Site around and beneath the northern portion of the main manufacturing building. Two of the bedrock/overburden interface wells located in the northeast quadrant (MW-104 and MW-106) of the Site and the off-Site monitoring well (MW-9) located in the sidewalk on the west side of Canal Street, immediately adjacent to the Site boundary, had PVOCs in groundwater above NYSDEC standards and guidance values. These borings and monitoring wells were in the vicinity of the former USTs or in close proximity to the main building's northern foundations where the petroleum was suspected to have migrated over time.

    - *Courtyard Area*: Two bedrock/overburden interface groundwater monitoring wells (MW-100 and MW-114) located within the courtyard area had groundwater PVOC detections above NYSDEC standards and guidance values.

    - *Groundwater monitoring well MW-107*: Bedrock/overburden interface groundwater monitoring well MW-107 was in the Garage/Shop Building near the western Site boundary and had detections of PVOCs above NYSDEC standards and guidance values. Given the groundwater flow direction, and the lack of

PVOCs detections in the overburden soils at this location, it was suspected that these PVOC groundwater impacts may be from an off-Site source(s).

- *Groundwater monitoring well MW-110*: Minor concentrations of benzene were reported in overburden well MW-110. Monitoring well MW-110 is in the southwestern corner of the Site, where no potential on-Site sources of petroleum have been identified; this detection may be the result of an off-Site source.

- *Chlorinated Volatile Organic Compounds (CVOCs) in Groundwater*: Exceedances of NYSDEC groundwater standards and guidance values were found for CVOCs at wells MWs-100, -112, -02 and -107. Given the groundwater flow direction, the lack of significant CVOCs detections in the overburden soils on the Site and known neighborhood wide CVOC groundwater impacts it was suspected that the impacts detected in these four wells located on the western/central portion of the Site may be from an off-Site source(s).

- *Semi-Volatile Organic Compounds (SVOCs) and Metals in Surface and Subsurface Soils*: Urban Fill was observed in exploration locations across the Site. The most commonly observed fill deposit types were Sand/Gravel mixtures with varying amounts of silt, or Silt/Sand mixtures with varying amounts of gravel (between 0.8 ft and 6 ft thick). Some exploration locations had distinct layers of ash and cinder materials, or these materials were observed to be mixed in with other soil types. Other miscellaneous materials such as metal, brick, concrete and wood were observed in several borings and test pits. Soil sample results demonstrate that there are metal (lead and barium) and PAH impacts in Urban Fill, particularly where ash and/or cinders were observed, above RR Soil Cleanup Objectives (SCOs). This condition is similar to what was documented on adjacent properties.

  A surface soil sample was collected from fill materials located in an approximately 8-ft deep, rectangular, lower ground area located between the southern portion of the main

building and the one-story loading dock building. The materials in a portion of the depression were observed to be a mixture of soil like fill materials combined with varying amounts of debris. Lead, an estimated detection ("J" value) of mercury and eight PAHs were found to exceed applicable regulatory standards.

- *Former Pesticide Storage Room*: Pesticides, cadmium, copper, lead, mercury and zinc were detected in a sample of flooring collected from the former pesticide storage room. Site redevelopment included converting the room into a lounge. The flooring was removed to the original floor decking and a new self-leveling topping was installed. The walls were scraped and repainted in accordance with lead safe work practices.

- *Pesticides in Freight Elevator Pit*: Water in the freight elevator pit was sampled during the remedial investigation. Given the high turbidity measured in the sample during collection, the metals sample was submitted to the lab for both dissolved and total constituents. While the total metals had a number of analytes above groundwater standards and guidance values, the dissolved metals only had a detection of sodium above groundwater standards and guidance values. Several pesticide analytes were also detected above standards and guidance values; however, it was suspected that these exceedances may have been due to the elevated turbidity in the sample.

- *Hazardous Building Material Survey*: A hazardous building material survey and asbestos contamination assessment was conducted and included an asbestos survey, contamination assessment of damaged friable asbestos containing materials, limited paint sampling for Polychlorinated Biphenyls (PCB) content and sampling of caulks/window glazing for PCB content (Stantec, 2018d). During Site redevelopment the walls were scraped and repainted in accordance with lead safe work practices; thus, no lead-based paint testing was conducted. Numerous materials were identified to be either confirmed, assumed or suspect asbestos containing materials. PCBs were not detected above laboratory detection limits in the samples collected.

Soil analytical results from the RI are presented in Table 1 and summarized with relevant historical data on Figure 4. Table 2 presents a summary of the groundwater sample results. Note that this Table also includes groundwater data from later monitoring events. Figure 4a depicts the exceedances of groundwater standards prior to remedial action.

1.2.6 Alternatives Analysis, Remedy Selection, and Remedial Action

Based on the findings of the RI, an Alternative Analysis Report (AAR) / Remedial Action Work Plan (RAWP) was prepared and submitted to the Department for review and approval in June 2020 (Stantec, 2020b). The AAR recommended implementation of the selected Site remedy to include the following major components:

- Site Preparation Activities, including removal of asbestos containing materials, scraping and repainting of painted surfaces in accordance with lead safe work practices and demolition of a 7,100± sq. ft. concrete block, one-story building in the center of the Site (Loading Dock Building), a 3,030± sq. ft. concrete block garage/shop building in the northwest corner of the Site (Garage/Shop Building), and the floor slab of the pre-existing on-Site building in order to investigate and remediate under these former structures.
- Excavation of petroleum-impacted soil and urban fill, which required removal of the building's prior floor slab to access contaminated soil under the building.
- *In-situ* groundwater injection programs to address both chlorinated and petroleum impacts to groundwater.
- Periodic pumping and discharge from the elevator pit sumps and perimeter drain will be required to keep them free of accumulated water.
- Use of institutional and engineering controls to address remaining contamination (discussed further in Sections 4.8, 4.9 and 4.10). Proposed engineering controls included the installation of a vapor barrier (required sealing layer) below the floor slab cover

system, installation and operation of a SSDS; and installation of a demarcation layer and an engineered cover system including a new floor slab inside the building and an exterior cover system across the Site; these controls are described in Section 4.8.

The AAR/RAWP (Stantec, 2020b) recommended the completion of two additional RI tasks that had not been completed during the 2018-2019 investigation, including:

- Sampling of asbestos piles in the basement for waste characterization.
- Collection of a sediment sample from the Freight Elevator pit dependent on the accessibility and presence of sediment.

The Department issued its Decision Document (NYSDEC, 2020) for the Site on June 15, 2020, and the AAR/RAWP (Stantec, 2020b) was approved by the Department on June 24, 2020.

Remedial activities began in June of 2022. Prior to ground-breaking, RAWP Addendum No. 1 was submitted to the Department on March 31, 2022 to provide updated design drawings and modify one of the monitoring well locations based on the revised floor plan (Stantec, 2022b). Demolition of the Garage/Shop Building and Loading Dock Building occurred as part of Site preparation activities. Asbestos abatement of identified materials was completed between July 2022 through February 2023. RAWP Addendum No. 2 was submitted to the Department on May 25, 2023 to present changes to the post-injection groundwater monitoring program described in RAWP Addendum No. 1 due to: (1) damage to some existing wells during construction; and (2) due to conditions encountered during remedial action in one of the petroleum excavation areas (Stantec, 2023a).

2.0 Summary of Site Remedy

2.1 Remedial Action Objectives

Based on the results of the RI, the following Remedial Action Objectives (RAOs) were identified for this Site, as listed in the Decision Document dated June 2020 (NYSDEC, 2020).

2.1.1 Groundwater RAOs

RAOs for Public Health Protection

- Prevent ingestion of groundwater containing contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of, volatiles emanating from contaminated groundwater.

RAOs for Environmental Protection

- Restore groundwater aquifer, to the extent practicable, to pre-disposal/pre-release conditions.
- Remove the source of groundwater contamination.

2.1.2 Soil RAOs

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of, or exposure to, contaminants volatilizing from contaminated soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.

2.1.3 Soil Vapor RAOs

RAOs for Public Health Protection

- Mitigate impacts to public health resulting in existing, or the potential for, soil vapor intrusion (SVI) into the building at the Site.

2.2 Standards, Criteria, and Guidance Values

This section describes the Standards, Criteria, and Guidance (SCGs) values used for comparison of sample analytical results in order to satisfy the RAOs for the Site's Track 4 Restricted-Residential remedy.

2.2.1 Groundwater

Groundwater SCGs are derived from the following guidance document:

- Class GA standards and guidance values listed in NYSDEC's Ambient Water Quality Standards and Guidance Values, Division of Water Technical and Operational Guidance Series (TOGS 1.1.1) Memorandum dated October 22, 1993, Reissued June 1998, and addenda dated April 2000 and June 2004.

2.2.2 Soil

Given the planned use of the Site, the applicable SCGs for soils includes the following:

- 6 New York Codes, Rules and Regulations (NYCRR) Part 375 SCOs for RR Use;
- NYSDEC CP-51 Supplemental SCOs for RR Use;
- NYSDEC CP-51 Soil Cleanup Levels for Gasoline Contaminated Soils;
- NYSDEC CP-51 Soil Cleanup Levels for Fuel Oil Contaminated Soils; and
- 12 NYCRR Part 56 – Requirements for remediation of Asbestos Contaminated Soils.

Note that pursuant to 6 NYCRR 375-6.5, the Protection of Groundwater (POGW) SCOs are not considered to be applicable for the Site because: 1) the use of groundwater for potable purposes within the limits of the City of Rochester is prohibited by the City Code; and 2) the selected

remedy involves groundwater remediation, as described in Section 2.3.

While endpoint sampling results discussed in Section 4.4 were compared to the above SCGs, metals and non-petroleum related SVOCs were only targeted for removal to depths adequate for the installation of the Cover System described in Section 4.8. Exposure to any residual contamination remaining above these SCOs will be contained beneath the engineered Cover System.

2.3 Description of Selected Remedy

The Site was remediated in accordance with the remedy selected by the NYSDEC in the Decision Document dated June 2020 (NYSDEC, 2020), AAR/RAWP, (Stantec, 2020b), RAWP Addendum No. 1 (Stantec, 2022b), and RAWP Addendum No. 2 (Stantec, 2023a).

The factors considered during the selection of the remedy are those listed in 6 NYCRR 375-1.8. The following are the components of the selected Track 4 Restricted-Residential clean up remedy:

1. Site Preparation Activities, including removal of asbestos containing materials, scraping and repainting of painted surfaces in accordance with lead safe work practices and demolition of a 7,100± sq. ft. concrete block, one-story building in the center of the Site (Loading Dock Building), a 3,030± sq. ft. concrete block garage/shop building in the northwest corner of the Site (Garage/Shop Building), and the floor slab of the pre-existing on-Site building in order to investigate and remediate under these former structures.
2. Excavation and management of (1) source area petroleum-impacted soil/fill exceeding SCOs listed in Table 3, Site SCGs described in Section 2.2, which required the removal of the existing floor slab for soil/fill beneath the building; (2) urban fill in areas requiring excavation for *in-situ* groundwater injection arrays, and SSDS piping arrays; and (3)

impacted surface soil materials located in an approximately 8-ft deep, rectangular, lower ground area between building Area B and courtyard area;

3. Construction and maintenance of a Site-wide cover system to prevent human exposure to remaining contaminated soil/fill remaining at the Site, which included the installation of a new floor slab containing a vapor barrier (required sealing layer) along with the SSDS and exterior cover system. Components of the Site-wide cover system are further described in Section 4.8;
4. Implementation of injection and monitoring programs for the Enhanced *In Situ* Biodegradation (EISB) program to address petroleum groundwater impacts and the Enhanced Reductive Dechlorination (ERD) program to address chlorinated solvent impacts at the western Site boundary along Litchfield Street and in the vicinity of monitoring wells MW-112 and MW-100. The system installation, injection programs, and required groundwater monitoring are described in Section 4.6.
5. Periodic pumping of impacted water from interior and exterior excavations, building interior elevator pits and the building's interior perimeter foundation drain for permitted discharge to the municipal sewer. This was conducted in accordance with the conditions of short-term (excavation water) and long-term (permanent elevator pit sumps and foundation drain) discharge permits from Monroe County Department of Environmental Services (MCDES).
6. Along with the surface engineered cover system installed across the exterior portions of the Site, a vapor barrier (required sealing layer) and an active SSDS was installed beneath the structure to preclude infiltration of Volatile Organic Compounds (VOC) vapors into the residential facility from impacted soil and groundwater that may remain beneath the building. Ongoing maintenance and monitoring are described in the Site Management Plan (SMP, Stantec 2024).
7. Execution and recording of an Environmental Easement (EE) to restrict land use and prevent future exposure to any contamination remaining at the site;

8. Development and implementation of a SMP for long term management of remaining contamination as required by the EE, which includes plans for: (1) Institutional and Engineering Controls (IC/EC), (2) monitoring, (3) operation and maintenance and (4) reporting;

9. Periodic certification of the ICs and ECs listed above. Site ICs/ECs required by the EE are described in the Decision Document, in the SMP, and in Sections 4.8 through 4.10 of this FER.

3.0 Interim Remedial Measures, Operable Units and Remedial Contracts

The remedy for this Site was performed as a single project, and no interim remedial measures, operable units or separate construction contracts were performed.

4.0 Description of Remedial Actions Performed

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved AAR/RAWP for the Site (Stantec, 2020b) and subsequent RAWP addenda (Stantec, 2022b; Stantec, 2023a). All deviations from the RAWP are noted below in Section 4.11.

4.1 Governing Documents

4.1.1 Site Specific Health and Safety Plan (HASP)

The Site-specific HASP describes health and safety protocols to be followed by Stantec personnel during remedial activities. The HASP was included as Appendix C of the NYSDEC-approved AAR/RAWP (Stantec, 2020b).

All remedial work performed under this Remedial Action was in full compliance with governmental requirements, including Site and worker safety requirements mandated by Federal Occupational Safety and Health Administration (OSHA).

The HASP was complied with for all remedial and invasive work performed at the Site.

4.1.2 Quality Assurance Project Plan (QAPP)

The Quality Assurance Project Plan (QAPP) describes the specific policies, objectives, organization, functional activities and quality assurance/quality control activities designed to achieve the project data quality objectives. The QAPP was included as Appendix D of the NYSDEC-approved AAR/RAWP (Stantec, 2020b).

4.1.3 Community Air Monitoring Plan (CAMP)

The CAMP describes the methodology for real-time air monitoring for VOCs and particulates in air at the perimeter of the work area. The CAMP was included as Appendix E of the NYSDEC-approved AAR/RAWP (Stantec, 2020b).

During implementation of the Remedial Action, particulate levels were continuously monitored and logged by TSI DustTrak II instruments at locations upwind and downwind of ground-intrusive activities and during the handling of contaminated or potentially contaminated material. The locations of logging varied based on where the day's activities were conducted and variations in wind direction. Manual readings were also recorded periodically, typically every 15 minutes, as a back up to instrument logs. Per the CAMP, action levels were exceeded if particulate levels are 100 micrograms per cubic meter (mcg/m^3) higher at the downwind instrument versus the upwind instrument, over a 15-minute time weighted average (TWA). Above the action level, dust suppression techniques were required. If particulate levels greater than 150 mcg/m^3 (as compared to the upwind instrument) were observed, work was required to stop to allow for a re-evaluation of activities initiated, including enhanced dust suppression techniques.

VOC monitoring was also conducted and logged with miniRAE 3000 PIDs at locations upwind and downwind of the daily work area. Downwind readings were collected continuously, while upwind readings were collected manually prior to the initiation of ground-intrusive work and periodically throughout workday. Logging locations varied based on the position of the active work zone and changes in wind direction. VOC actions levels were PID readings that were 5 ppm higher in the downwind direction versus the upwind reading. If VOC readings exceeded 25 ppm, work was required to stop, the source of vapors identified, and corrective actions initiated.

Results are discussed in Section 4.2.5.

4.1.4 Community Participation

The Community Participation Plan (CPP) provides information about how NYSDEC will inform and involve the public during the investigation and cleanup of the Site. The draft CPP was completed, submitted to the NYSDEC for review and comment, and subsequently approved in June 2020. A copy of the updated CPP was included in Appendix F of the NYSDEC-approved AAR/RAWP (Stantec, 2020b).

A fact sheet entitled "Remedy Proposed for Brownfield Site Contamination; Public Comment Period Announced" was released in April 2020 following submission of the AAR/RAWP (Stantec 2020b) to the Department. This fact sheet informed the public about the planned remedial activities and welcomed comments during the 45-day public comment period from April 8 through May 23, 2020.

A fact sheet entitled "Environmental Cleanup to Begin at Brownfield Site" was released in June 2022 prior to the implementation of the RAWP (Stantec, 2020b). This fact sheet informed the public about the planned commencement of remedial activities at the Site and the anticipated timeframe for remedial and redevelopment construction activities.

4.2 Remedial Program Elements

4.2.1 Contractors and Consultants

Dwight Harrienger, P.E., of Stantec is the Engineer on Record for the Canal Street Manufacturing Site remedial oversite and inspection of the construction detailed in the AAR/RAWP (Stantec, 2020b).

Contractors performed remedial work as follows:

- TREC Environmental, Inc. of Spencerport, New York performed frac tank wastewater disposal with bag filtration, frac tank cleaning, and underground storage tank (UST) removal, transportation, cleaning, and disposal under Stantec observation;
- Nothnagle Drilling, Inc. of Scottsville, NY completed drilling, well decommissioning, and well development over multiple mobilization events under Stantec observation;
- Hamilton Stern Construction of Pittsford, NY (HSC) conducted miscellaneous remedial work as the general contractor;
- Monroe Roadways of Fairport, NY conducted remedial excavation activities and additional remedial installation work. Subcontracted under HSC;

- Laboratory analysis was performed by laboratories accredited through the New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP), including Eurofins Laboratories, Inc. of Amherst, NY, Paradigm Environmental Services, Inc. of Rochester, NY, and Alpha Analytical, Inc. of Westborough, MA;

- Ground Penetrating Radar Systems, LLC conducted clearing of various locations under Stantec observation;

- Third-party data usability reviews were performed by Data Validation Services, Inc. of North Creek, NY;

- Property, topographic, and well surveys, were conducted by Stantec Inc.;

- Silvarole Trucking, Inc. of Rochester, NY transported permitted soil waste to designated landfills. Subcontracted under HSC.

4.2.2 Site Preparation

A pre-construction meeting was held with NYSDEC, Stantec, East House, and all contractors on June 9, 2022. Additional meetings with NYSDEC were held when appropriate to review the remedial program and upcoming activities. These meetings were documented as appropriate in the monthly project progress reports described in Section 4.2.6., and attached in Appendix C

The Site was secured with construction fencing prior to construction start as detailed in Section 4.2.3.1.

Documentation of agency approvals required by the RAWP (Stantec 2020b) is included in Appendix D. Other non-agency permits relating to the remediation project are provided in Appendix E.

All New York State Environmental Quality Review Act (SEQRA) requirements and all substantive compliance requirements for attainment of applicable natural resource or other permits were achieved during this Remedial Action or the applicable land use review process.

A project sign was erected at the project entrance and remained in place during all phases of the Remedial Action.

4.2.3 General Site Controls

4.2.3.1 Site Security

The Site was secured with a perimeter construction fence along the west and east sides of the property. The alleyway south of the property and parking lot fencing along the north of the property restricted access from the north and south directions. The purpose of the fencing was to prevent unauthorized entry to the construction/remediation work area. During normal operating hours, the fence gates were open to allow permitted personnel and vehicles to access the Site.

In addition to the construction fence, the Remedial Contractor erected and maintained orange construction fencing or caution tape with hazard cones to surround and increase visibility of all open subsurface excavations until excavations were backfilled to grade. Backfilling was performed as soon as practical after analytical results were received, and approval was received if needed. The fencing remained in place until final backfilling of the area was completed.

4.2.3.2 Job Site Record Keeping

Documentation of job site field activities, waste disposal, environmental sampling, field personnel, and any pertinent events were kept on dedicated field notebooks for the Site and maintained by the on-site field personnel. Notebook entries were recorded with date and time markers and were made on consecutive, numbered pages.

Daily construction and remedial activities were photographed, and a photolog highlighting select components of the RAWP (Stantec, 2020b) implementation is included in Appendix F.

Daily safety forms were created and maintained throughout the on-site project work and signed by all on-site personnel. Additional safety forms included air monitoring results (maintained by Stantec) and Site check-in and check-out sheet maintained by Hamilton Stern Construction (HSC).

Copies of imported and exported material documentation consisting of weigh tickets, submittals, and waste manifests were supplied by HSC. Sample collection chain-of-custody forms recorded all sample handling. Documentation maintained by or supplied to Stantec was saved to the project file directory.

4.2.3.3 Erosion and Sedimentation Controls

A formal soil management plan was not developed for this Site. Erosion and sedimentation controls are described in detail in RAWP (Stantec, 2020b).

4.2.3.4 Equipment Decontamination and Residual Waste Management

Environmental equipment was decontaminated prior to Site work and before leaving the Site. Additional decontamination was conducted between sample collection locations and when a change in field work objective occurred. A final contamination screening was completed before storage of equipment.

4.2.3.5 Soil Screening Results

Soils were screened with a PID, and a visual and olfactory assessment were performed by an environmental professional under the direction of the Remedial Engineer during remedial excavations into known or potentially contaminated material to evaluate if grossly contaminated soil was present. PID screening was conducted either from the in-place material, directly from the excavator bucket when communicated with excavator operator and work paused, or from the vapor that accumulated within the headspace of a bagged sample. Soil screenings were recorded in the field while excavation was occurring.

4.2.3.6 Stockpile Methods

Excavated soil was staged on-site covered and lined with polyethylene sheeting. Material of differing disposal destinations or soil profiles were segregated and staged separately to reduce the chance of contamination between piles. No material was stockpiled off-site.

4.2.3.7 Problems Encountered

Significant problems were not encountered during the remedial work construction activities.

4.2.4 Nuisance Controls

The procedures used for nuisance controls during the implementation of the RAWP (Stantec, 2020b) were as follows:

- The Site and surrounding streets were kept free of dust and soil with use of street sweepers and skid steers in combination with the wetting of surfaces by an on-site water truck, mobile water tank, sprinklers, or manually sprayed with a hose. In the event that any fugitive dust was observed by Stantec personnel, the lead contractor was notified promptly so that additional Site and street cleaning would be initiated.

- The Site contained two entry and egress locations for all trucks; the west side of the Site onto Litchfield Street and the north side of the Site onto Wiley Street. Wiley Street, from Canal Street to Litchfield Street was closed due to the ongoing construction. All construction vehicles exiting the Site onto Wiley Street were routed towards Canal Street. Litchfield Street remained open for public use and trucks were able to exit towards either the north or south directions.

- Dust and odor control was maintained through visual inspection by Stantec personnel and by continuous monitoring of particulate levels in accordance with the CAMP detailed in Section 4.1.3.

- No complaints were received during the implementation of the RAWP (Stantec, 2020b). Had complaints been received, field personnel in consultation with the Project Manager (PM) and/or the Site Owner in consultation with the NYSDEC Site PM would have responded promptly.

4.2.5 CAMP results

Throughout CAMP monitoring there were several cases where action levels were exceeded due to construction or public activities, unrelated to ground intrusive or remedial work. Action levels are detailed in Section 4.1.3. Examples of activities that contributed to false exceedances include but are not limited to the following: masonry and brickwork onsite, demolition of outdoor building structures that produced airborne debris, public traffic, and proximity of monitoring units to construction vehicles/equipment that generated exhaust. No vapor exceedances occurred during remedial work. Particulate exceedances occurring during active work were reported to NYSDEC within the required 24-hour time frame following exceedance.

Month	Date of exceedance	Reason for exceedance
Sept. 2022	9/1/2022	Exceedance due to demolition activity onsite in proximity to downwind monitoring location. Reported to NYSDEC on 9/6/2022 by Kevin Ignaszak (Stantec).
Sept. 2022	9/14/2022	Exceedance due to masonry activity on elevated scaffolding. Reported to NYSDEC on 9/15/2022 by Steven Rife (Stantec).
Oct. 2022	10/11/2022	Exceedance due to high wind gusts, accumulated dust, and increased vehicle traffic. Stantec requested that the contractor reduce Wiley Street dust accumulation through mobilization of a street sweeper. Reported to NYSDEC on 10/13/2022 by Steven Rife (Stantec).

Month	Date of exceedance	Reason for exceedance
Jan. 2023	1/9/2023	Exceedance due to accumulated dust on Wiley Street in combination with increased vehicle traffic and gusts of wind up to 33 mph. No visible dust was observed leaving the excavation area. Stantec requested mitigation efforts. Mitigation included wetting the street with the accumulated dust as well as implementing a street sweeper. Reported to NYSDEC on 1/10/2023 by Katie Nelson (Stantec).
Feb. 2023	2/15/2023	Exceedance due to high wind gusts up to 31 mph, accumulated dust on Wiley Street, and construction vehicle traffic. Stantec requested mitigation efforts. Mitigation included manually cleaning the street, wetting the surface, and mobilizing a street sweeper. No dust was observed leaving the work area. Reported to NYSDEC on 2/16/2023 by Katie Nelson (Stantec)
Feb. 2023	2/16/2023	Exceedance due to possible influence from workers smoking while on breaks. Excavation was not occurring at the time of elevated readings. No mitigation was requested. Reported to NYSDEC on 2/21/2023 by Katie Nelson (Stantec)
March 2023	3/24/2023	Exceedance not reported. Exceedance occurred during contractor lunch while no work was occurring onsite.
April 2023	4/11/2023	Exceedance due to high winds, dry conditions, and onsite drilling. Stantec requested mitigation and a sprinkler was deployed on Wiley Street. Reported to NYSDEC on 4/12/23 by Katie Nelson (Stantec)
May 2023	5/8/2023	Exceedances due to contractor work (dry cutting concrete) in close proximity to downwind unit. No mitigation was requested. Reported to NYSDEC on 5/9/23 by Katie Nelson (Stantec).
May 2023	5/9/2023	Exceedances due to accumulated dust on streets, vehicle traffic, and masonry work onsite. Stantec proposed daily wet street sweeping. Reported to NYSDEC on 5/10/23 by Katie Nelson (Stantec)

Month	Date of exceedance	Reason for exceedance
May 2023	5/10/2023	Exceedances due to dry site conditions and large construction vehicle traffic. Dust was not observed leaving the area of ground intrusive work. Stantec requested further measures to mitigate dust. Water tank was delivered onsite. Reported to NYSDEC on 5/11/23 by Katie Nelson (Stantec)
May 2023	5/16/2023	Exceedances due to dry conditions, high winds, and dust build-up on streets. Subcontractor to obtain water truck for site mitigation efforts. Reported to NYSDEC on 5/17/23 by Katie Nelson (Stantec)
May 2023	5/22/2023	Exceedances due to dry conditions, large construction vehicle traffic, public traffic, and dust build-up on the roadways. Stantec recommends wetting the site daily prior to work. Reported to NYSDEC on 5/23/23 by Katie Nelson (Stantec).
May 2023	5/26/2023	Exceedances due to dry conditions, large construction vehicle traffic, public traffic, and dust build-up on the roadways. Stantec recommends wetting the site daily prior to work. Reported to NYSDEC on 5/30/23 by Katie Nelson (Stantec)
May 2023	5/30/2023	Exceedance due to dry site conditions, dump truck traffic, and dust build-up on the street. Site wetting frequency increased to three times a day. Reported to NYSDEC on 5/31/23 by Katie Nelson (Stantec)
June 2023	6/5/2023	Exceedances due to masonry work onsite. No dust observed within the work area or surrounding streets. Generally elevated readings due to areawide air quality alerts. Site wetted three times a day. Reported to NYSDEC on 6/6/23 by Katie Nelson (Stantec)
June 2023	6/15/2023	Exceedances due to dust build-up on Wiley and Canal St, dry conditions, and heavy onsite traffic. Visible dust was not seen exiting the site. Stantec requested mitigation efforts. Mitigation included wetting of streets. Reported to NYSDEC on 6/16/23 by Katie Nelson (Stantec).
July 2023	7/28/2023	Exceedances due to construction vehicle traffic and dust accumulation on roadways. Stantec requested mitigation efforts. Reported to NYSDEC on 7/31/23 by Thomas Palumbo (Stantec).

Copies of all field data sheets and field notes relating to the CAMP are provided in electronic format in Appendix G.

Due to observed elevated PID readings in the work zone of petroleum-impacted soil excavations Area 3A and Area 1A, BioSolve was utilized by the remedial contractor to suppress vapors.

4.2.6 Reporting

Weekly and monthly reports were submitted to NYSDEC throughout the course of the project and are included in electronic format in Appendix C. Daily reporting was recorded on a dedicated field books as detailed in Section 4.2.3.2.

The digital photo log required by the FER is included in electronic format in Appendix F.

4.3 Contaminated Materials Removal

4.3.1 Summary of Contaminated Media/Material Removed

This section describes the removal and management (disposal and reuse, where warranted) of contaminated media completed during implementation of the RAWP (Stantec, 2020b). The SCGs used for comparison of sample analytical results in order to satisfy the RAOs for the Site's Track 4 Restricted-Residential remedy are detailed in Section 2.2. A list of the SCOs for the contaminants of concern for this project is provided in Section 2.2 . A figure of the location of original sources and areas where excavations were performed is shown in Figure 5 and 5a. Contour maps of estimated cut and fill thicknesses for remedial activities at the Site are included in Figure 6. The following sub-sections summarize the types of contaminated media/material removed, approximate volumes, and source location; further detail is provided in Table 4, 5 and 6. Excavated soil was stockpiled on and covered with polyethylene sheeting on-Site prior to transport off-Site.

4.3.1.1 Petroleum-Impacted Soil Excavation Areas

The excavations for petroleum-impacted soil extended down to non-fractured competent

bedrock. Fractured/weathered bedrock was excavated when encountered as the bottom of petroleum-impacted excavation areas as directed by the NYSDEC Site PM. The source of petroleum contamination was previously removed as required by the AAR/RAWP (Stantec, 2020b). Deviations in excavation dimensions are detailed in Section 4.11.

- **Area 1A:** After removal of the floor slab in order to access the soils beneath the building, approximately 468 tons of petroleum-impacted soil was excavated and removed from the interior of the building area designated as Area 1A. The extent of excavation was less than originally anticipated in the AAR/RAWP (Stantec, 2020b) due to reduced observed impacts. This excavation area extended down to competent bedrock. Final excavation locations and dimensions are detailed in Figure 5.

- **Area 1B:** After floor slab removal, approximately 198 tons of petroleum-impacted soil and fractured bedrock was excavated and removed from beneath the interior of the building area designated as Area 1B. The extent of excavation was less than originally anticipated in the AAR/RAWP (Stantec, 2020b) due to reduced observed impacts. Fractured bedrock was found at 4-5 feet below ground surface (bgs) and removed until competent bedrock was encountered at 6 feet bgs. Final excavation locations and dimensions are detailed in Figure 5.

- **Area 1C:** After floor slab removal, approximately 62 tons of petroleum-impacted soil was excavated and removed from beneath the building area designated as Area 1C. Due to no observed petroleum impacts in the central region of the planned Area 1C as depicted in the AAR/RAWP (Stantec, 2020b), the extent of excavation area was reduced. This excavation area extended down to competent bedrock. Final locations and dimensions are detailed in Figure 5.

- **Area 2:** Approximately 327 tons of petroleum-impacted soil was excavated and removed from the exterior area designated as Area 2. Substantial petroleum impacts were found beyond the proposed excavation limits indicated in the AAR/RAWP (Stantec, 2020b).

This excavation area extended down to competent bedrock. Final locations and dimensions are detailed in Figure 5.

- **Area 3A:** Approximately 1029 tons of petroleum-impacted soil and fractured bedrock was excavated and removed from the exterior area designated as Area 3A. Substantial petroleum impacts were found causing the excavation to extend laterally and vertically beyond what had been anticipated in the AAR/RAWP (Stantec, 2020b) and into the assumed former tank pit, as depicted in Figure 5. This excavation area extended down to competent bedrock except where benching was implemented for safety, due to the excavation depth.
- **Area 4:** Approximately 20.53 tons of petroleum-impacted soil was excavated and removed from the north-west region of the parking lot in Area 4 as shown in Figure 5. This excavation area extended down to competent bedrock.

4.3.1.2 Urban Fill

Contaminated urban fill was encountered during ground intrusive remediation work. Approximately 11,000 tons of contaminated urban fill was stockpiled on-Site while awaiting transport off-Site. Transportation of urban fill under permitted trucks to Waste Management Inc. facilities High Acres Landfill and Mill Seat Landfill occurred between October 2022 until August 2023. Additional urban fill was encountered during ground intrusive construction related work and handled as described above.

4.3.1.3 Underground Storage Tank (UST)

An UST with an estimated storage capacity of approximately 130 gallons was removed from the Site on December 21, 2023. NYSDEC and the City of Rochester Fire Department were notified prior to tank pull. The UST was observed to be full of water. Stantec and the City of Rochester Fire Department oversaw UST dewatering and removal operations. TREC Environmental transported the UST off-site for cleaning and disposal as scrap. Registration and closure of the UST was approved by NYSDEC on October 17, 2023 (see Appendix H).

4.3.1.4 Wastewater

To containerize the wastewater created by groundwater and rainwater collected in remedial excavations and general construction activities, two 21,000-gal frac tanks were utilized on-Site. A short-term permit (ST-429, see Appendix E) was obtained from MCDES for discharge of the containerized wastewater. Three discharge events, totaling approximately 54,200 gallons were completed over the course of this project. Prior to discharge, Stantec sampled and submitted the analytical data results for wastewater discharge approval from MCDES (see Appendix I and J).

4.3.1.5 Area 3B – Depression Area Surface Impacted Soils

Approximately 16.8 tons of surface soils mixed with debris was stockpiled and transported off-Site between February 2, 2023 and February 7, 2023 with other soils of the same Waste Management Inc. soil profile, and shown on Figure 5.

4.3.1.6 Area 3C – Interior Asbestos Contaminated Soil Piles

Two minor soil piles of potentially asbestos-impacted soil piles were sampled and disposed of by the asbestos abatement contractor. Analytical results showed no asbestos was present within these soil piles. Additional asbestos containing media is summarized in Section 4.3.3.

4.3.1.7 Area 5 – SSDS Trenches

Shallow, minor excavation were conducted within Areas A and B for installation of the SSDS piping. All urban fill was stockpiled and transported off-Site.

4.3.2 Contained in Determination

A Contained-in Determination (CID) Work Plan was prepared to establish a pre-characterization sampling program for the management of potential chlorinated volatile organic compounds (CVOCs), metals, and petroleum-impacted soil that required excavation and off-Site removal during the remedial activities (Stantec, 2022d). The CID Work Plan proposed a sampling program for characterization of three categories of soil (petroleum-impacted soil, native non-impacted soil, and urban fill) in advance of upcoming excavation activities to facilitate direct-loading options to support the construction schedule. The purpose of the sampling program was

to evaluate potential on-Site and/or off-Site re-use options and to obtain necessary data to demonstrate the impacted soils requiring off-Site disposal could be managed as non-hazardous waste. The CID Work Plan was submitted to the NYSDEC Division of Materials Management (DMM) for review on November 21, 2022, and subsequently approved on December 7, 2022, saved in Appendix J.

The pre-waste characterization sampling program was conducted by Stantec on December 9 and 12, 2022. A summary of the samples collected, associated depths, and analyses is presented in Table 7. Figure 7 depicts the boring locations and Tables 8-16 summarizes the analytical results. Table 17 details the sample composites and associated grab samples for this program. In accordance with the CID Work Plan, the only characterization samples that underwent third-party data usability review were those representing soils that were eligible for on-Site re-use. Results of the data usability review are incorporated into the Data Usability Summary Report (DUSR) described in Section 4.4.3 and included in Appendix K. Note that the first CID, which covers material excavated from beneath Area B and is described in the subsequent section, was submitted and approved prior to the submission/approval of the CID Work Plan as soil CVOC impacts were not anticipated during the RI implementation (Stantec, 2020a). Due to CVOC migration from off-Site sources and low-level detections of CVOCs on-Site, the NYSDEC requested that all Site waste characterization data to be presented to and approved by the NYSDEC DMM. CID areas are shown in Figure 8.

4.3.2.1 CID#1 – CVOCs within Area B

In-situ waste characterization samples were collected from beneath Area B in advance of excavation activities. One of the four grab samples exhibited a low-level CVOC detection, which prompted the preparation and submission of CID#1 on October 12, 2022. The CID#1 approval letter issued by NYSDEC DMM on October 20, 2022, confirmed that the material could be managed as non-hazardous waste and transported off-Site for disposal at the named permitted landfills. The NYSDEC approval of CID#1 and Waste Management Inc. soil profile approval for this material is included in Appendix J. Approximately 317 ton of soil was transported off-Site

pertaining to CID#1.

4.3.2.2 CID#2 – CVOCs North-West Parking Lot

The pre-waste characterization program conducted in December 2022, covered soil outside CID#1. Analytical sample results showed a low-level concentration of PCE within the urban fill located in the northwest quadrant of the courtyard/parking lot, as detailed in Tables 9-16. The NYSDEC approval of CID#2 and Waste Management Inc. soil profile approval for this material is included in Appendix D and J respectively. Approximately 1,543 tons of material was removed from Site pertaining to CID#2.

4.3.2.3 CID#3 – Courtyard Outside CID#2 Area

CID#3 included soil in the courtyard/parking lot area outside of CID#2, as detailed in Figure 8. The NYSDEC approval for disposal of CID#3 soil as non-hazardous waste was received on October 20, 2023, amended on November 15, 2023, and saved to Appendix D. Approximately 2,140 tons of soil was removed from the Site pertaining to CID#3.

4.3.2.4 CID – Wastewater

Two Frac Tanks (Frac Tank 1 and Frac Tank 2) were utilized during the remedial program and general construction activities. The wastewater was generated by dewatering of petroleum-impacted excavations, elevator pit excavations, and miscellaneous on-Site excavations formed by the collection of rainwater or groundwater. A total of 53,200 gals of wastewater was discharged over three discharge events approved by MCDES (Appendix J) and detailed in Section 4.3.1.4. The NYSDEC approval of CID - Wastewater was received on March 28, 2023, revised on November 15, 2023, and saved to Appendix D.

4.3.2.5 CID – Area A

As shown in Figure 8, CID – Area A encompasses building Area A and adjacent areas of the prior freight elevator pit and northern courtyard not included in CID#2 or CID#3. No CVOCs were detected within this area and this request was submitted retroactively. The approval letter issued by the NYSDEC DMM was received on November 15, 2023, and saved to Appendix D.

4.3.3 Off-Site Disposal

Tables 4-5, and 18-19 show the total quantities of each category of material removed from the Site and the disposal locations. A summary of the samples collected to characterize the waste, and associated analytical results are summarized on Tables 8-17,and 20-21.

Waste Management, Inc. soil profiles and MCDES sewer discharge permits are included in Appendix J. NYSDEC CID approval letters are included in Appendix D.

Asbestos containing media created from asbestos abatement were removed from Site by the general contractor. Asbestos and mold clearance reports and documentation are included in Appendix L. Asbestos, construction and demolition, and municipal solid waste tonnage is detailed and shown in Table 19.

Lead paint was not tested for as all existing paint was removed under lead safe work practices. PCB was not identified in window caulk and therefore was included in construction municipal solid waste (Stantec, 2018d).

Letters from Applicants to disposal facility Owners and acceptance letters from disposal facility Owners are attached in Appendix J.

Manifests and truck weight tickets are included in electronic format in Appendix H.

4.3.4 On-Site Reuse

Based on the pre-waste characterization program (December, 2022) analytical sampling results data, Stantec submitted a request of reuse for backfill of on-Site Native soil on January 25, 2023. NYSDEC approval was received on January 27, 2023.

Native on-Site soil was reused as backfill within the courtyard/parking lot areas of Site, as detailed in Figure 5A. During excavation activities, the remedial engineer or environmental professional under the direction of the remedial engineer observed and screened the soil and excavation pits to determine if urban fill or native soil was present. Screening included testing of bagged or in-situ samples with use of visual, olfactory, and PID soil screening, direct handling of material, and observation for standard nuisance characteristics or contamination. Material was

segregated into soil piles of differing soil types, staged on, and covered with polyethylene sheeting to minimize runoff or material contamination.

Native/urban fill mix was reused in an area adjacent to Area 3A (Figure 5A), along the south exterior wall of building Area A. This area was previously excavated down to bedrock for construction purposes and backfilled with 1.5 ft. of crusher run (CR) stone followed by the mixture of native soil and minor amounts of urban fill (<10%) generated during Site grading in the Courtyard Area. This backfill material was placed above the water table and under the final cover system. Use of this native soil with minor amounts of urban fill was approved by NYSDEC on May 18, 2023.

4.3.5 Off-Site Reuse

Native soil not used as on-Site reuse was approved to be removed from the Site as intermediate cover to Mill Seat Landfill on January 27, 2023 by NYSDEC. A total of 21.83 tons of native soil was transported off-Site under the Waste Management, Inc. tracking number 183-2464 to Mill Seat Landfill. Approval email is included in Appendix D.

4.4 Remedial Performance/Documentation Sampling

This section includes a discussion of soil endpoint sampling to demonstrate where Restricted-Residential SCOs were achieved and to document what levels of contamination remain. Remaining contamination is summarized in Section 4.7 and will be managed through a series of controls defined in Sections 4.8 – 4.10 as required by the SMP (Stantec, 2024). Post-injection groundwater monitoring is discussed in Section 4.6.3 and detailed in Section 4.0 of the SMP. No confirmatory sampling was required for urban fill. Remaining in-place urban fill was contained beneath the demarcation layer and the Site-wide cover system.

4.4.1 Overview of Approach

Endpoint sampling frequency for excavations were performed in accordance with Section 5.4 of DER-10. In general, for soil excavations of:

- Less than 20 ft. in perimeter, one (1) sidewall sample; and
- Greater than 20 ft. in perimeter, one (1) sample for every 30 ft. of sidewall.

Sidewall samples were collected from the bottom of sidewalls and were not collected where a building foundation wall was the sidewall of the excavation. No bottom samples were collected given the presence of competent bedrock.

Endpoint sample results were compared with the soil SCGs discussed in Section 2.2. If endpoint samples were above SCGs then the excavation area was expanded in the required direction, and the endpoint sampling repeated, depending on the feasibility to expand the excavation given the Site border and building location.

4.4.2 Petroleum Excavation Areas

A table and figure summarizing the confirmatory end-point sampling data and locations are included in Table 22 and Figure 5, respectively, and all exceedances of SCOs are highlighted. No exceedances of applicable RR SCOs remained for petroleum excavation confirmatory end-point sampling locations following remedial action. Sample locations were screened with use of a PID MiniRAE 3000 at time of sampling. The NYSDEC approved backfill of petroleum-impacted excavations following review of the confirmatory end point sampling analytical data results, excavation dimensions, location, and written confirmation that competent bedrock was encountered.

4.4.2.1 Area 1A

Excavation was conducted between February 21, and March 14, 2023. Ten sidewall confirmatory samples were collected approximately 1-2 ft above bedrock: CNL-1A-G1-S to CNL-1A-G10-S. Sample results showed no VOC or SVOC exceedances above RR SCOs.

4.4.2.2 Area 1B

Excavation of Area 1B was conducted on February 14 and 15, 2023. Four sidewall confirmatory

samples were collected approximately 1–2 ft above bedrock: CNL-1B-G1-S, CNL-1B-G2-S, CNL-1B-G3-S, and CNL-1B-G4-S. The final dimensions of the excavation were 49 ft x 13 ft. Sample results showed no VOC or SVOC exceedances above RR SCOs.

4.4.2.3 Area 1C

Excavation of Area 1C was completed on February 23, 2023. Four sidewall confirmatory samples were collected: CNL-1C-G1-S, CNL-1C-G2-S, CNL-1C-G3-S, and CNL-1C-G4-S. Analytical results showed no VOC or SVOC exceedances above RR SCOs.

4.4.2.4 Area 2 – Dock and Sump

Excavation of Area 2 was completed from March 30, 2023, to April 13, 2023. Confirmatory end point sample CNL-2-G1-S was collected at 2 ft above bedrock from the western excavation sidewall. No other sidewall samples were collected given that the sidewalls consisted entirely of exposed building footers. Analytical results showed no VOC or SVOC exceedances above RR SCOs.

4.4.2.5 Area 3A – Exterior Perimeter Soils

The excavation and sampling of Area 3A occurred from February 8, 2023, until April 25, 2023, over three phases. Each phase increased the size of the excavation and additional samples were collected.

The initial excavation on February 8 and 10, 2023, included sample collection of CNL-3A-G1-S sampled at 1 ft above bedrock. Analytical results showed no VOC or SVOC exceedances above RR SCOs

Excavation of Area 3A continued April 6, 7, and 10, 2023. The following four sidewall samples were collected at that time above the top of bedrock: CNL-3A-G2-S, CNL-3A-G3-S, CNL-3A-G4-S, and CNL-3A-G5-S, detailed below:

- Analytical results for CNL-3A-G2-S and CNL-3A-G4-S were below RR SCOs.

- Analytical results for CNL-3A-G3-Sand CNL-3A-G5-S showed detections of petroleum volatile organic compounds (PVOCs) above RR SCOs.

Completion of the Area 3A excavation occurred on April 25, 2023. This was achieved by conducting additional excavations at sample locations CNL-3A-G3-S and CNL-3A-G5-S expanding laterally and down to bedrock, as dictated by the NYSDEC. Three confirmatory end point samples CNL-3A-G6-S, CNL-3A-G7-S, and CNL-3A-G8-S were collected. No exceedances of VOCs or SVOCs were identified above RR SCOs. Analytical results for CNL-3A-G6-S, CNL-3A-G7-S, and CNL-3A-G8-S were below RR SCOs.

4.4.2.6 Area 4

Excavation and sampling of Area 4 occurred on June 7, 2023. Two confirmatory end point samples were collected from the north and south sidewalls, 1 ft above bedrock: CNL-4-G1-S and CNL-4-G2-S. Area 4 dimensions measured 11 ft x 9 ft. Sample results showed no VOC or SVOC detections above SCGs.

4.4.3 Analytical Laboratory Program and Quality Assurance/Quality Control Evaluation

Sampling and analytical activities, including collection of appropriate Quality Assurance/Quality Control (QA/QC) samples, were conducted in accordance with standard environmental sampling and analytical guidelines and protocols contained in the QAPP, presented in Appendix D of the NYSDEC-approved AAR/RAWP (Stantec, 2020b). Laboratory analyses for all endpoint samples were performed by NYSDOH ELAP certified facilities.

Third-party data usability reviews of the NYSDEC Analytical Services Protocols (ASP) Category B deliverable packages were performed by Data Validation Services for endpoint soil sampling data. A DUSR was prepared for all data generated in this remedial performance evaluation program. In accordance with the RAWP (Stantec, 2020b), the data usability review was performed for analytical data collected as post-excavation soil endpoint sampling, which included pre-characterization sampling for on-Site re-use of native material. The DUSR does not,

therefore, include waste characterization samples collected for the purposes of off-site disposal of solids at a permitted non-hazardous waste landfill or for permitted sewer discharge of liquids.

The DUSR is included in Appendix K, and associated raw data in the form of laboratory analytical reports is provided electronically in Appendix I. In summary, most of the laboratory data was found to be usable as reported by the lab or usable with minor qualification due to processing effects, potential external contamination, and/or matrix interferences. However, a limited number of results were found to be unusable:

- Detections of 1,4-dioxane (by method 8260) in the following five samples were rejected due to poor instrument response: CNL-WC-13A, CNL-WC-25A, CNL-WC-CY2-OB-S, CNL-WC-CY8-OB-S, and the associated rinse blank (CNL-RINSE1-W).
- The result for one SVOC (2,4-dinitrophenol) was rejected in the soil sample identified as CNL-1A-G4-S due to a lack of recovery in the matrix spike of that parent sample.

The reviewed and qualified results described in the DUSR have been incorporated into the various data summary tables and figures presented in this report. Endpoint soil sampling data were submitted to NYSDEC in the appropriate EQuIS Electronic Data Deliverable format pursuant to DER-10 on November 2, 2023.

4.5 Imported Backfill

Pea gravel, CR stone, washed stone, and topsoil were imported during the construction and remediation phases of work for use as excavation backfill and material for the Site-wide cover system. A table of all sources of imported backfill with quantities for each source is shown in Table 23 and 24. Table 25 summarizes chemical analytical results for backfill, in comparison to allowable levels,. Backfill submittals and documentation are provided in Appendix M. A figure showing the Site locations where backfill was used at the Site and backfill details are shown in Figure 5a and 5b.

Below is a general summary of imported backfill volumes, sources, and on-Site placement locations:

- Pea Gravel was used as backfill for petroleum-impacted soil excavations and EISB pipe array excavations within building Area A. Vertical placement of this material varied from directly on bedrock up to backfill to grade. Sampling was not required per DER-10 as the material was from a virgin quarry and contained less than 10% weight material to pass sieve size 80. A total of approximately 1,112 tons was imported onto Site.

- CR#1 and CR #2 stone was used as mass backfill throughout the Site's remedial excavation areas. Sampling was not required per DER-10 as the material was from a virgin quarry and contained less than 10% weight material to pass sieve size 80. A total of approximately 5,010 tons was imported onto Site.

- Round Stone (#1A Stone Washed, #1 Stone, #2 Stone, and 1 & 2 Stone Blend) was used in areas requiring additional drainage or permeability. This material was utilized for backfilling of the perimeter drain excavation, SSDS stone layer beneath the vapor barrier (required sealing layer), and EISB pipe array excavations. A total of approximately 872 tons was imported onto Site.

- Topsoil was imported on-Site for use in greenspace areas within the courtyard and parking lot areas. In preparation for field activities, topsoil was sampled per the Division of Environmental Remediation Technical Guidance for Site Investigation and Remediation, May 2010 (DER-10) Table 5.4(e)10 on June 5, 2023. Sample results were below RR requirements for target compounds list (TCL), except for Pesticides DDE, DDT, and Dieldrin. Target analyte list (TAL) metals results were compared to Appendix 5 of DER-10, and only iron was over the RR SCOs. Topsoil was placed to a depth of 6 inches to 2 feet from greenspace top of grade as part of Site-wide cover system. A total of approximately 100 tons was imported onto Site.

Import documentation is included in Appendix M.

4.6 *In-Situ* Groundwater Remediation

Residual impacts to groundwater and saturated soil remained after the source removal excavation phase of the Remedial Action was completed. The treatment technologies utilized to address the residual soil and groundwater impacts were as follows:

- EISB to treat residual petroleum-related impacts to groundwater below the building and in the vicinity of MW-114R; and
- ERD to treat chlorinated solvent impacts in groundwater.

The EISB and ERD treatment technologies are described in the AAR/RAWP (Stantec, 2020b) and associated addenda (Stantec, 2022b; Stantec, 2023a). Prior to the injection program start, an Inventory of Injection Wells Form (Stantec, 2022c) was submitted by Stantec to the United States Environmental Protection Agency (USEPA). Stantec received Underground Injection Control (UIC) notification on October 11, 2022, attached in Appendix E. Implementation of the injection programs and installation of system components (e.g. sub-slab piping, wells, etc.) are described below:

4.6.1 Enhanced *In Situ* Biodegradation (EISB)

Implementation of the EISB technology was completed using agricultural-grade pelleted gypsum and/or sulfate solution injections to stimulate bacteria populations for the degradation of residual petroleum-related Site Contaminants of Concern (COC) impacts within the saturated zone.

Following excavation of petroleum-impacted areas (Figure 5), residual petroleum impacts remained in the northern Area A building. Two separate arrays of pipes were placed on bedrock throughout the petroleum-impacted area (see Figure 9). The two pipe arrays were connected to flush-mounted injection points located within a locking vault/well box outside the building on the west side. During backfilling with washed pea gravel around the perforated pipe sections,

pelleted gypsum was interlayered with the pea gravel at a rate of 10% per mass, which equates to 297 lbs. of gypsum per cubic yard of backfill. Approximately 9,100 pounds of gypsum was mixed into the bottom 2 feet of pea gravel within the Area A building. Backfilling of the EISB piping excavations up to grade was completed with either pea gravel or CR stone. Due to heavy rains during installation, an incomplete roof above the area of work, and high groundwater levels, water was observed to activate the gypsum, as confirmed by dark brown water stemming from previously completed backfilled areas. No injections were pumped into either pipe array systems during remedial activities. EISB system details are shown in Figure 9A.

In addition, gypsum was added throughout the bottom of excavation Areas 2 and 3A at top of bedrock, along the exterior foundation wall. Approximately 2,900 pounds of gypsum was added to Area 2 and 12,500 pounds was added to Area 3A.

The gypsum was stored on-Site and kept dry from precipitation or stormwater and was only uncovered when in-use.

A total of approximately 24,500 pounds of pelleted agricultural-grade gypsum was applied to the Site. It should be noted that Area 2 was initially backfilled with native soil. Due to construction changes required by the lead Site contractor, the western portion of the Area 2 backfill was excavated to bedrock and subsequently backfilled with CR stone up to grade. Approximately half of the gypsum applied to Area 2, not already dissolved into the groundwater, was removed with this activity. Following gypsum application in Area 3A, the excavation was backfilled with CR stone up to grade.

4.6.1.1 Sulfate Solution Injection

The RI identified two bedrock/overburden interface groundwater monitoring wells within the courtyard (MW-100 and MW-114), which contain groundwater PVOC detections above NYSDEC standards and guidance values (Figure 4a). To treat this area, EISB was performed via the injection of a 2,660 mg/L sulfate solution into the subsurface via three vertical injection wells.

In accordance with the AAR/RAWP (Stantec, 2020b), ten (10) injection bedrock/overburden interface wells were installed on-Site. IW-1 and IW-3 were included in this install and along with IW-2 (MW-114) were utilized for the EISB injection, completed on November 18, 2022. The sulfate solution was created by dissolving 54 pounds of magnesium sulfate heptahydrate (Epsom salt) in 900 gallons of water. The solution was injected with a volume of 300 gal per well (see Figure 10).

4.6.2 Enhanced Reductive Dechlorination (ERD)

The ERD remediation technology was used to treat groundwater impacted by CVOCs, including tetrachloroethene (PCE), trichloroethene (TCE), and their daughter product cis-1,2-dichloraethene (cis-1,2-DCE).

CVOCs are recalcitrant compounds that are often difficult to remove from soils and groundwater using conventional treatment technologies. Reductive dechlorination is the anaerobic biological process whereby naturally occurring microorganisms degrade chlorinated compounds such as PCE and TCE. ERD remediation aids reductive dechlorination by supplying the microorganisms with an electron donor in the form of sodium lactate, for this injection event. A total of eleven wells were utilized for the ERD remediation, eight injection wells installed along Litchfield Street and along the southern edge of the parking lot/courtyard areas, and three existing monitoring wells (MW-100, MW-107, and MW-112). See Figure 10 for injection well locations.

During the week of August 15, 2022, installation of ten (10) injection bedrock/overburden interface wells was completed, eight of which were utilized for this ERD injection program in accordance with the AAR/RAWP (Stantec, 2020b). Well installation logs are attached in Appendix N.

Direct injection of the electron donor solution began on November 7, 2022, and was completed on November 22, 2022. A 1,500-gal poly tank was utilized to create eleven (11) 1,200-gal batches of 10,000 mg/L sodium lactate solution. Approximately 30 gal of sodium lactate was

used per batch and mixed with water obtained from a hydrant located on Litchfield Street. Three wells were injected into simultaneously, with a total of 1200 gal of solution injected per well. Given the slow injection rates in wells IW-4, IW-5, IW-6, IW-10 and IW-11, NYSDEC approved for the volume of sodium lactate solution that was intended for these wells to be redirected to other wells that were more readily accepting injections. See weekly construction report #15 for NYSDEC approval confirmation (Appendix C) submitted to the NYSDEC on November 9, 2022. An additional 1,500 gallons of ERD solution was introduced to wells IW-7, IW-8 and IW-9. An additional 1,200 gallons of ERD solution was introduced to wells IW-12, IW-13 and IW-14. This change is detailed in Section 4.11.

4.6.3 Groundwater Monitoring

The AAR/RAWP (Stantec, 2020b) recommended quarterly post-injection groundwater sampling for at least one year to monitor the effectiveness of the ERD and EISB applications and determine if additional applications are needed, which will be discussed with the NYSDEC. The first two monitoring events were conducted in June 2023 and September 2023. The groundwater sampling plan includes sampling of nine (9) on-Site wells and detailed in SMP Section 4.4.1. (Stantec, 2024). A contour map was created following the second round of sampling, see Figure 11. Preliminary findings are summarized below:

- *First round:* Three locations showed no exceedances of NYSDEC standards for Site COCs, and one location exhibited chlorinated VOC exceedances. Petroleum impacts were observed throughout the Site, although in most cases the concentrations were similar or decreasing as compared to 2019 RI analytical data. Results indicate that the desired enhanced degradation processes are proceeding in the right direction. Site conditions were generally anaerobic and reducing, which favors continued degradation. The recommended action was to continue with the planned groundwater monitoring program to assess for possible future injections.

- *Second round:* This groundwater monitoring event indicated similar results as the first round of sampling. Three locations showed no exceedances of NYSDEC standards for Site COCs, and one location exhibited chlorinated VOC exceedances. Petroleum impacts continued to be observed, with a variety of increasing and decreasing concentrations. One location had Site PVOC COCs increase as compared to the first round of sampling. Site conditions continue to be generally anaerobic and reducing. The recommended action was to continue with the planned third round of groundwater monitoring sampling and assess for possible future injections.

The remedy was designed to attempt to achieve SCGs over time. However, monitoring is proposed to be discontinued if two consecutive groundwater monitoring events demonstrate decreasing concentrations, or if asymptotic conditions are achieved.

Future groundwater monitoring activities will be performed pursuant to the SMP Section 4.4.1. (Stantec, 2024). Results of the groundwater sampling events will be reported in the Periodic Review Report (PRR).

4.7 Contamination Remaining at the Site

Since residual contaminated soil, groundwater, and soil vapor remains beneath the Site after completion of the Remedial Action, ECs and ICs are required to protect human health and the environment. These ECs and ICs are described in the following sections. Long-term management of these ECs, ICs, and residual contamination will be performed under the SMP approved by the NYSDEC.

The following ECs have been implemented at the Site to protect public health and the environment by appropriately managing residual contamination:

- Site-wide Cover System, including a new interior floor slab containing a vapor barrier (required sealing layer) and SSDS, and exterior cover system including a demarcation

layer overlying areas of residual soil contamination, which is further described in Section 4.8.

- Operation of an active SSDS to mitigate the potential for SVI of VOCs into the building, which is further described in Section 4.9.1.

- Ongoing monitoring of the *in-situ* groundwater remediation systems to document the reduction and/or stabilization of residual soil, groundwater, and soil vapor contamination, as described in Section 4.9.2.

Remaining contamination of Site media is described further in the following sub-sections. Note that exceedances for commonly occurring metals such as aluminum, calcium, iron, magnesium, manganese, and sodium are not included in discussion regarding residual contamination. The observed concentrations of these metals in soil and groundwater are not considered to be related to an environmental release or historical Site use but appear representative of background-level concentrations of naturally occurring metals.

Newly installed utilities were backfilled with approved imported backfill or native on-Site soil.

Table 3 and Figure 12 summarize the results of all soil samples remaining at the Site after completion of Remedial Action that exceed the Track 2 RR SCOs, in accordance with the Site Track 4 remedy.

4.7.1 Groundwater

Following implementation of the EISB and ERD programs (as described in Section 4.6), CVOCs and petroleum-related impacts to groundwater are expected to dissipate over time. Long-term groundwater monitoring will be conducted to monitor the effectiveness of the groundwater injections as required by the SMP. Residual groundwater contaminants that may remain on-Site (or directly adjacent off-Site) include the following:

- Petroleum-related VOCs and/or SVOCs in groundwater at IW-4, IW-11, IW-14 MW-104R, MW-106R, MW-110, MW-112R, MW-114R and MW-115. PVOCs in monitoring wells located within and in the vicinity of building Area A are expected to remain and to slowly dissipate over time given that they are located downgradient and/or within the EISB groundwater injection areas (see Figure 9); and

- CVOCs in groundwater in the vicinity of MW-112R; and

- Methyl Ethyl Ketone (MEK) and/or Acetone in groundwater at IW-11, MW-104R, and IW-14. MEK and Acetone are expected to slowly dissipate as they are likely a result of incomplete degradation of the Sodium Lactate applied to stimulate ERD and will decrease as the process continues.

Groundwater analytical results from previous investigations and the first and second rounds of post-injection quarterly monitoring are provided in Table 2. Remedial action groundwater and wastewater samples are summarized in Table 26. The locations and associated compounds with SGV exceedances are depicted on Figure 12A. Potential exposure to remaining groundwater contamination will be addressed through implementation of the controls described in Sections 4.8 and 4.9.

4.7.2 Soil

As part of the Site remediation program, soil found to be significantly impacted by Site COCs were excavated and removed from Site. This includes soil exhibiting petroleum-based nuisance characteristics, as per the AAR/RAWP (Stantec, 2020b).

A Site-wide cover system in addition to a demarcation layer boundary (orange construction fence) was installed in the exterior areas of the Site. The Site-wide cover system within the building consists of a new floor slab with vapor barrier (required sealing layer). The demarcation layer marks the top of remaining soil with potential contamination. Demarcation depths are detailed in Figure 6 and demarcation areas are shown in Figure 13. No known contamination

source areas are remaining on-Site with the identified remaining contamination expected to be residual and manageable through the Site IC/ECs. The soils remaining on the Site are at or below the RR SCOs, with the exception of three areas of potential remaining soil contamination on the Site above the RR SCOs (see Figure 12 for location and exceedance results):

- B-120 located within building Area A at depths of 3.5-3.7 ft exhibited RR SCO exceedances of several Polycyclic Aromatic Hydrocarbons (PAHs). This location is below the building cover system including the concrete floor slab containing a vapor barrier (required sealing layer) and the SSDS.
- B-117 located within building Area A at depths 5.4-5.9 ft exhibited RR SCO exceedances of several PAHs and one PVOC. This location is below the building cover system including the concrete floor slab containing a vapor barrier (required sealing layer), and the SSDS.
- TP-4 located in the southwest section of the exterior parking lot/courtyard at a depth of 4 ft exhibited exceedances of several PAHs. This location is below the Site-wide exterior asphalt cover system including a demarcation layer.

The application of EISB in the form of agricultural-grade gypsum and injection of a magnesium sulfate heptahydrate (Epsom salt) solution are expected to address the residual PVOC and SVOC impacts found at B-120 and B-117 over time.

Additionally, urban fill that may exhibit metal soil impacts remains on-Site beneath the Site-wide Cover System and demarcation layer.

4.7.3 Soil Vapor

Chlorinated and/or petroleum VOC/SVOC impacts and select additional SVOCs in soil vapor may be present in areas with residual soil and/or groundwater impacts. Remaining soil vapor contamination is mitigated via the vapor barrier (required sealing layer) in the building's new floor slab Cover System and SSDS controls presented in Sections 4.8 and 4.9. A soil gas survey was conducted during the RI as detailed in Section 1.2.

4.8 Cover System

Exposure to remaining contamination in soil/fill at the Site is prevented by a cover system placed over the Site. This cover system consists of one of the following DEC-approved components:

- Paved surface parking areas as detailed in Figure 14 and 14A.
- Playground surfaces consisting of the following:
  - 1.5 in. unitary bonded Ethylene Propylene Diene Monomer top layer laid over 3.5 in. of rubber mulch base layer with 4 in. NYSDOT type 2 stone subbase.
- Landscaped areas: A total of two ft. of non-impacted on-Site soil, imported fill, or topsoil.
- Sidewalks constructed of concrete or paver stones.
- Recessed areas north and south of building Area B: Non-biodegrading filter fabric with a minimum of 4-6 inches of CR-2 and washed stone.
- New concrete floor slab installed throughout the terrace level of the building. In addition, a vapor barrier (required sealing layer) was installed beneath the floor slab during construction of the SSDS (see Section 4.9.1) in 2023.

Figure 14A shows the as-built cross sections for each remedial cover type used on the Site. Figure 14 shows the location of each cover type installed at the Site. A demarcation layer (orange construction fence) was places in the exterior areas, on top of remaining potentially impacted soil. In exterior areas where excavation extended to bedrock, or as approved by DEC, a demarcation was not placed, as shown in Figure 13. An Excavation Work Plan, which outlines the procedures required in the event the cover system and/or underlying residual contamination are disturbed, is provided in Appendix D of the SMP (Stantec, 2024).

4.9 Other Engineering Controls

Since remaining contaminated soil, groundwater, and soil vapor exists beneath the Site, ECs are required to protect human health and the environment. The Site has the following primary ECs, as described in the following subsections.

4.9.1 Sub-Slab Depressurization System (SSDS)

Due to the documented presence of VOCs (and select SVOCs) in soil gas, soil, and/or groundwater, a vapor barrier (required sealing layer) and an active SSDS was installed to mitigate the potential for SVI to occur in the renovated building as required by the Decision Document (NYSDEC, 2020). Installation of the vapor barrier (required sealing layer) and a sub-slab vapor collection network occurred from January 2023 until July 2023. A network of vapor collection/discharge pipes and fans were installed to convey vapors to discharge stacks above the building roof line. Vacuum monitoring points (VMP) were installed within the floor slab for monitoring of vacuum propagation. The goal of the SSDS is to maintain a minimum pressure differential vacuum of 0.002-inches of water column between the sub-slab and the building interior. Due to the potential presence of seasonal groundwater in the elevator shaft sumps, SSDS suction lines and sump covers were installed to collect potential vapors. The system design, details, materials, and VMP locations are shown on Figures 15 and 15A.

The system start-up was initiated on January 3, 2024. An initial confirmatory pressure field extension test on 13 of the 17 VMP locations was conducted on January 18, 2024, with results from 12 of the 13 VMP locations tested exhibiting sufficient vacuum readings. A second confirmatory pressure field extension test was completed on January 31, 2024. 15 of the 17 VMP locations were tested. Two VMPs (VMP4 and VMP12) were not able to be found by HSC due to construction issues. VMP location names are shown in Appendix P. 14 of the 15 VMP locations tested exhibited sufficient vacuum readings. VMP13 failed both depressurization tests and a potential issue with the piping was identified and in the process of being corrected.

Procedures for monitoring, operating, and maintaining the SSDS are provided in the Operation and Maintenance Plan in Section 5.0 of the SMP. The SMP also addresses inspection procedures that must occur after any severe weather condition has taken place that may affect on-Site ECs.

4.9.2 Monitoring of the *In-Situ* Groundwater Remediation Program

As described in Section 4.6.3, the AAR/RAWP (Stantec, 2020b) recommended quarterly post-injection groundwater sampling for at least one year to monitor the effectiveness of the ERD and EISB applications. At the time this FER was issued, the first two monitoring events were complete. Future groundwater monitoring activities will be performed pursuant to the SMP (Stantec, 2024). Results of the groundwater sampling events will be reported in the PRR.

Procedures for monitoring, operating and maintaining the ERD and EISB systems are provided in the Operation and Maintenance Plan in Section 4.0 of the SMP. The Monitoring Plan also addresses inspection procedures that must occur after any severe weather condition has taken place that may affect on-site ECs.

4.9.3 Elevator Pit and Perimeter Drain Sumps

The Site redevelopment plans included two elevators and a building perimeter foundation drain (see Figure 15, Figure 15A, and Figure 16). Periodic pumping and discharge from the elevator pit sumps and perimeter drain sumps will be required to keep them free of accumulated water. Due to the presence of PVOCs in the groundwater beneath the building, the accumulated water is likely to be impacted with these contaminants for the near-term. A long-term sewer discharge permit was obtained from the MCDES to regulate this discharge. Sewer Use Permit IWC-1069 was first issued by the MCDES on March 28, 2023, for the Area B discharge points. The IWC-1069 permit was amended on September 12, 2023, to include building Area A and incorporate the two permitted discharge points from each building area: an elevator pit sump and perimeter drain outlet. The sewer use permit and related documentation are included in Appendix E.

Figure 16 shows the locations of permitted discharge and associated piping. Design details are depicted on Figure 16A. Monitoring procedures will be performed in accordance with conditions

of the above-referenced sewer use permit IWC-1069 and are described in the SMP (Stantec, 2024).

Procedures for monitoring, operating and maintaining the elevator pit and perimeter drain sumps system are provided in the Operation and Maintenance Plan in Section 5.0 of the SMP. The SMP also addresses inspection procedures that must occur after any severe weather condition has taken place that may affect on-Site ECs.

4.10 Institutional Controls

The Site remedy requires that an EE be placed on the property to (1) implement, maintain and monitor the ECs; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and, (3) limit the use and development of the Site to Restricted-Residential, Commercial, and Industrial uses only.

The EE for the Site was submitted to the NYSDEC on September 12, 2023. A copy of the submitted easement is provided in Appendix O. At the time of this FER submission, the EE was not executed by the NYSDEC.

4.11 Deviations from the Remedial Action Work Plan

Variances of the RAWP (Stantec, 2020b) were conducted with the knowledge and/or approval of the NYSDEC. Approvals in the form of e-mail correspondence and/or approval letters are included in Appendix D.

The RAWP (Stantec, 2020b) deviations are summarized below, in addition to the two (2) RAWP addendums, titled RAWP Addendum 1 (Stantec, 2022b) and RAWP Addendum 2 (Stantec, 2023a), submitted and approved by NYSDEC:

4.11.1 RAWP Addendum No. 1

Requested change in terrace level (basement level) usage from solely commercial space to a combination of commercial and apartment use. Abandonment and replacement of well MW-104 within building Area A. After conversations with the NYSDEC Site PM, reinstallation of MW-

104 was adjusted to be in the sidewalk north-east of the building as MW-104R, with the location detailed in Figure 3. Update to Site civil drawings to address comments from the City of Rochester, including the City's abandonment of the ROW alley within the northern side of the Site and subsequent re-subdivided into the overall Site. Addendum No. 1 was submitted on March 31, 2022, and approved by the NYSDEC on XXX.

4.11.2 RAWP Addendum No. 2

This addendum presented changes to the post-injection groundwater monitoring program presented in the AAR/RAWP (Stantec, 2020b)/RAWP Addendum No. 1 (Stantec, 2022b) due to: (1) damage to existing wells; and (2) due to conditions encountered during remedial action in excavation Area 3A. Well MW-114/IW-2 was proposed to be reinstalled 8 ft. west of original location and a new well was proposed to be installed within the footprint of petroleum excavation Area 3A. Addendum No. 2 was submitted on May 25, 2023, and approved on June 6, 2023.

4.11.3 RAWP Deviations

- On June 13, 2023, during preparation for well installation/reinstallation as detailed in RAWP Addendum No. 2 (Stantec, 2023a), well MW-112 was found to be damaged. Following a phone call with the NYSDEC on June 13, 2023, it was determined that reinstallation of MW-112 as MW-112R was acceptable. This action allowed for well MW-112R to be included in the post remedial groundwater monitoring plan. Reinstallation was completed on June 14, 2023. This deviation was communicated to the NYSDEC within the Monthly Progress Report #40 (Appendix C).

- The exact dimensions of petroleum excavations (Areas 1A-C, 2, and 3A) were modified to accommodate for changes in observed impacts and nuisance characteristics. As excavations progressed within this activity, excavation dimensions and end-point confirmatory sample analytical results were communicated to the Site NYSDEC PM in the form of e-mails for backfill approval. Backfill approval e-mails are included

Appendix D. These deviations were communicated to the NYSDEC in Monthly Progress Reports # 36 - 38.

  - An additional petroleum-impacted soil area (Area 4) was found and excavated on June 7, 2023. The Site NYSDEC PM was informed by phone conversation on June 7, 2023, and determined the acceptable sampling plan. Backfill approval request and backfill approval e-mails are included in Appendix D. This deviation was communicated to the NYSDEC in Monthly Progress Report #40.

- The previously unidentified UST was removed from the Site following communication with the Site NYSDEC PM and in accordance with the procedure discussed by phone conversation on December 15, 2022, upon encountering the tank. Related documented communication and registration/closure of the UST can be found in Appendix H. Related waste characterization sample analytical results are included in Appendix I. This deviation was communicated to the NYSDEC in the Monthly Progress Report #34.

- Following the pre-waste characterization program (Dec. 2022) native on-Site soil was approved for reuse. All excavated on-Site urban fill was to be removed from the Site. A modification to this was requested on May 17, 2023, for backfill use of a native soil pile with approximately 10% urban fill components. Approval for backfill of the native soil/urban fill mix as received on May 18, 2023. The soil was used as backfill above groundwater and below the cover system with demarcation layer as determined acceptable by the Site NYSDEC PM. This deviation was communicated to the NYSDEC in the Monthly Progress Report #39.

- During the ERD injection program (Nov. 2022) a modification to the total injection volume for each well was requested to the NYSDEC. Five wells (IW-4, IW-5, IW-6, IW-10, and IW-11) showed slow injection rates and the NYSDEC approved for the volume of solutions intended for the slow wells to be redirected to wells readily accepting

injections. This deviation was detailed and communicated to the NYSDEC in Monthly Progress Report #33.

- On April 19, 2023, a small leak in Frac Tank No. 1 was observed due to a loose fitting. The frac tank contained excavation water and had been last measured the day before by Stantec (April 18, 2023) with no leak observed at that time. The quantity of water loss cannot be estimated due to additional water added between the measurement taken on April 18th and observation of the leak on April 19th. On April 18th at 2 pm the Frac Tank volume was approximately 10,500 gallons and on April 19th after the leak was discovered and fixed, the tank was measured to be 12,200 gallons. No sheen, odors, or staining were noted on the ground surface surrounding the tank and no further action was taken. NYSDEC Site PM was notified of the leak on April 20, 2023.

- On May 8, 2023, a small leak, due to a loose hatch, was identified in Frac Tank No. 2, staged outside the BCP Boundary on the north end of Litchfield Street, closed to public vehicles. The last water volume measurement was collected on Friday May 5, 2023, of approximately 19,500 gal. and the water volume measurement on Monday May 8, 2023, was 18,000 gal. No leak had been observed on May 5, 2023. No sheen, odors, or staining were observed on the ground surface surrounding the tank. The leak was fixed promptly once found and Stantec collected VOC and SVOC samples (See Tables 21 and 25). Results were below the permitted discharge limits, and no further action was taken. NYSDEC Site PM was notified of the leak on May 9, 2023.

- From November 17 to November 18, 2023, EISB injections within the courtyard utilized wells IW-1, IW-2/MW-114, and IW-3. The proposed sodium sulfate solution concentration was altered in the field from the proposed 990mg/L to 2,660mg/L. The injection volumes were not changed from the proposed 300gal/well.

- On December 28, 2023, Stantec received approval from the NYSDEC for cover system modification within the recessed areas north and south of building Area B, shown in

Figure 14 and detailed in Figure 14A. Due to construction constraints and location, the cover system within these areas was modified to include a non-biodegrading filter fabric with a minimum of 4-6 inches of washed stone and CR #2 stone. Public access to these areas is restricted by a permanent fence surrounding each recessed area. See Appendix D for approval letter.

5.0 References

Haley & Aldrich, 2008	Site Characterization Report, Canal Street Former MGP Site, Rochester New York. Haley & Aldrich of New York, Rochester, New York, 2008.
NYSDEC, 1998	Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1. June 1998 (April 2000, June 2004, and February 2023 addenda).
NYSDEC, 2006	6 NYCRR Part 375 Environmental Remediation Programs. December 14, 2006.
NYSDEC, 2010a	Technical Guidance for Site Investigation and Remediation (DER-10), May 3, 2010.
NYSDEC, 2010b	Soil Cleanup Guidance, Commissioner's Policy CP-51. October 21, 2010.
NYSDEC, 2020	Decision Document, Canal Street Manufacturing Site Brownfield Cleanup Program, Rochester, Monroe County, Site No. C828206. June 2020.
NYSDOH, 2006	Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York. October 2006.
NYSDOH, 2017	Soil Vapor Intrusion Updates, May 2017: Updates to Soil Vapor/Indoor Air Decision Matrices. Website: https://health.ny.gov/environmental/indoors/vapor_intrusion/update.htm, accessed 7/26/2017.
Stantec, 2017	Phase I Environmental Site Assessment, 67 & 89 Canal Street, City of Rochester, Monroe County, New York. December 22, 2017.
Stantec, 2018a	Phase I Environmental Site Assessment, 67 & 89 Canal Street, City of Rochester, Monroe County, New York. March 26, 2018 (revised).
Stantec, 2018b	Remedial Investigation Work Plan, Canal Street Manufacturing Site, 67 & 89 Canal Street, Rochester, Monroe County, New York. March 2018.

References

Stantec, 2018c — Addendum to the Remedial Investigation Work Plan, Brownfield Cleanup Program Site # C828206, Canal Street Manufacturing Site, Rochester, Monroe County, New York. October 9, 2018.

Stantec, 2018d — Hazardous Materials Survey, Canal Street Manufacturing Site, 67 & 89 Canal Street. November 2018.

Stantec, 2020a — Remedial Investigation Report, Canal Street Manufacturing Site, Program Site #828206, 67 & 89 Canal Street, Rochester, Monroe County, New York. February 2020.

Stantec, 2020b — Alternatives Analysis Report and Remedial Action Work Plan, Canal Street Site, Brownfield Cleanup Program Site #C828206, 67 & 89 Canal Street, Rochester, Monroe County, New York. June 2020.

Stantec, 2022a — Canal Street Manufacturing Site, 67 & 89 Canal Street, City of Rochester, New York: Phase I Environmental Site Assessment. March 28, 2022.

Stantec, 2022b — Remedial Action Work Plan Addendum No. 1, Brownfield Cleanup Program Site #C828206, 67 & 89 Canal Street, Rochester, Monroe County, New York. March 31, 2022.

Stantec, 2022c — Inventory of Injection Wells Form East House Canal Commons, BCP Site #C828206, 67 & 89 Canal Street, Rochester, NY. August 5, 2022.

Stantec, 2022d — Contained-in Demonstration Work Plan, Brownfield Cleanup Program Site #C828206, 67 & 89 Canal Street, Rochester, Monroe County, New York. November 21, 2022.

Stantec, 2023a — Remedial Action Work Plan Addendum No. 2, Brownfield Cleanup Program Site #C828206, 67 & 89 Canal Street, Rochester, Monroe County, New York. May 25, 2023.

Stantec, 2023b — Draft Site Management Plan, Canal Street Manufacturing Site, Brownfield Cleanup Program Site #C828206, 67-89 Canal Street, Rochester, Monroe County, New York. October 2023.

TABLES

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				GP-01	GP-06/MW-01	GP-10	GP-11/MW-02	GP-12	B/MW-100		B-101	B/MW-102	B-103		B/MW-104		B-105			B/MW-106
Sample Date				11-Jun-14	11-Jun-14	11-Jun-14	11-Jun-14	11-Jun-14	29-Aug-18	29-Aug-18	29-Aug-18	29-Aug-18	30-Aug-18	30-Aug-18	31-Aug-18	31-Aug-18	4-Sep-18	4-Sep-18	4-Sep-18	4-Sep-18
Sample ID				GP-01 5.7FT	GP-06 8-8.1FT	GP-10 8-8.2FT	GP-11 7.4FT	GP-12 9FT	CNL-B100-S	CNL-B100-SD	CNL-B101-S	CNL-B102-S	CNL-B103-S	CNL-B103-S	CNL-B104-S	CNL-B104-SD	CNL-B105A-S	CNL-B105B-S	CNL-B105B-S	CNL-B106-S
Sample Depth				5.7 ft	8 - 8.1 ft	8 - 8.2 ft	7.4 ft	9 ft	8 - 9.3 ft	8 - 9.3 ft	6 - 7.5 ft	8 - 8.1 ft	6 - 8.5 ft	6 - 8.5 ft	2 - 3.6 ft	2 - 3.6 ft	0.3 - 0.6 ft	4.5 - 4.9 ft	4.5 - 4.9 ft	0.3 - 2.1 ft
Sampling Company				LABRNY	LABRNY	LABRNY	LABRNY	LABRNY	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ESC	ESC	ESC	ESC	ESC	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				L704675	L704675	L704675	L704675	L704675	480-141385-1	480-141068-1	480-141385-1	480-141068-1	480-141177-1	480-141385-1	480-141177-1	480-141177-1	480-141228-1	480-141228-1	480-141385-1	480-141228-1
Laboratory Sample ID				L704675-01	L704675-02	L704675-03	L704675-04	L704675-05	480-141385-3	480-141068-2	480-141385-4	480-141068-4	480-141177-1	480-141385-5	480-141177-2	480-141177-3	480-141228-1	480-141228-2	480-141385-6	480-141228-3
Sample Type										Field Duplicate						Field Duplicate				
Sample Location	**Units**	**NYSDEC-Part 375**	**NYSDEC CP-51**																	
General Chemistry																				
Cyanide	mg/kg	27[AB] 40[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	1.7	1.1 UJ	1.1	-	-	-
Cyanide (Reactive)	mg/kg	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flashpoint	deg F	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH, lab	S.U.	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfide (Reactive)	mg/kg	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Temperature, Lab	deg C	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Solids	%	n/v	n/v	89.2	89.5	87.2	89.7	83.9	-	-	-	-	-	-	-	-	-	-	-	-
Total Solids (Fixed)	%	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Solids (Volatile)	%	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals																				
Aluminum	mg/kg	10,000$_e$[ABC]	n/v	-	-	-	-	-	4,550	-	5,000	-	-	3,720	6,090	4,530	1,950	3,430	2,920	3,650
Antimony	mg/kg	10,000$_e$[ABC]	n/v	-	-	-	-	-	17.6 U	-	16.7 U	-	-	16.3 U	16.6 U	16.4 U	15.4 U	15.8 U	16.7 U	15.7 U
Arsenic	mg/kg	13$_n$[A] 16$_g$[BC]	n/v	-	-	-	-	-	2.3 U	-	2.2	-	-	2.2 U	2.2	2.2 U	6.4	2.1 U	2.2 U	2.1 U
Barium	mg/kg	350$_n$[A] 400[B] 820[C]	n/v	-	-	-	-	-	19.3	-	23.4	-	-	23.3	29.9	24.1	18.3	15.7	32.8	18.9
Beryllium	mg/kg	7.2[A] 72[B] 47[C]	n/v	-	-	-	-	-	0.23 U	-	0.22	-	-	0.22 U	0.27	0.22 U	0.20 U	0.21 U	0.22 U	0.21 U
Cadmium	mg/kg	2.5$_n$[A] 4.3[B] 7.5[C]	n/v	-	-	-	-	-	0.23 U	-	0.22 U	-	-	0.22 U	0.22 U	0.22 U	0.20 U	0.21 U	0.22 U	0.21 U
Calcium	mg/kg	10,000$_e$[ABC]	n/v	-	-	-	-	-	7,670	-	**53,900[ABC]**	-	-	**18,100[ABC]**	**34,400[ABC]**	**37,800[ABC]**	**18,200[ABC]**	**39,500[ABC]**	**31,700[ABC]**	**40,900[ABC]**
Chromium	mg/kg	30$_{n,i}$[A] 180[B] $_{NS,q}$[C]	n/v	-	-	-	-	-	6.5	-	8.6	-	-	5.0	8.6	7.6	3.0	7.2	4.7	5.8
Cobalt	mg/kg	10,000$_e$[ABC]	n/v	-	-	-	-	-	3.1	-	3.8	-	-	4.2	4.8	19.0	64.0	4.3	2.7	3.2
Copper	mg/kg	50[A] 270[B] 1,720[C]	n/v	-	-	-	-	-	7.2	-	6.4	-	-	6.9	7.4	24.1	**83.3[A]**	7.8	5.0	6.2
Iron	mg/kg	10,000$_e$[ABC]	n/v	-	-	-	-	-	9,180	-	9,850	-	-	**10,100[ABC]**	**11,300[ABC]**	9,760	4,260	7,720	6,860	7,130
Lead	mg/kg	63$_n$[A] 400[B] 450[C]	n/v	-	-	-	-	-	5.9	-	4.8	-	-	3.1	3.4	3.8	7.5	3.7	2.4	3.2
Magnesium	mg/kg	10,000$_e$[ABC]	n/v	-	-	-	-	-	4,000	-	6,930	-	-	5,420	8,560	8,530	4,410	9,960	7,280	7,950
Manganese	mg/kg	1,600$_n$[A] 2,000$_g$[BC]	n/v	-	-	-	-	-	299	-	281	-	-	237	298	293	153	260	257	348
Mercury	mg/kg	0.18$_n$[A] 0.81$_k$[B] 0.73[C]	n/v	-	-	-	-	-	0.024 U	-	0.022 U	-	-	0.021 U	0.022 U	0.022 U	0.021 U	0.021 U	0.022 U	0.021 U
Nickel	mg/kg	30[A] 310[B] 130[C]	n/v	-	-	-	-	-	6.6	-	7.7	-	-	6.4	9.5	6.9	5.1 U	5.3 U	5.6 U	5.8
Potassium	mg/kg	10,000$_e$[ABC]	n/v	-	-	-	-	-	1,130	-	1,350	-	-	944	1,640	1,290	536	1,120	758	1,070
Selenium	mg/kg	3.9$_n$[A] 180[B] 4$_q$[C]	n/v	-	-	-	-	-	4.7 U	-	4.4 U	-	-	4.3 U	4.4 U	4.4 U	4.1 U	4.2 U	4.4 U	4.2 U
Silver	mg/kg	2[A] 180[B] 8.3[C]	n/v	-	-	-	-	-	0.70 U	-	0.67 U	-	-	0.65 U	0.66 U	0.66 U	**4.2[A]**	0.63 U	0.67 U	0.63 U
Sodium	mg/kg	10,000$_e$[ABC]	n/v	-	-	-	-	-	164 U	-	155 U	-	-	152 U	231	200	143 U	179	156 U	204
Thallium	mg/kg	10,000$_e$[ABC]	n/v	-	-	-	-	-	7.0 U	-	6.7 U	-	-	6.5 U	6.6 U	6.6 U	6.1 U	6.3 U	6.7 U	6.3 U
Vanadium	mg/kg	10,000$_e$[ABC]	n/v	-	-	-	-	-	12.3	-	14.8	-	-	13.5	16.8	13.5	5.8	10.5	9.5	9.4
Zinc	mg/kg	109$_n$[A] 10,000$_e$[B] 2,480[C]	n/v	-	-	-	-	-	23.3	-	17.2	-	-	20.6	22.3	16.7	17.1	18.2	15.3 ^	15.4
Metals - TCLP																				
Arsenic	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls																				
Aroclor 1016	mg/kg	$_o$[ABC]	n/v	-	-	-	-	-	-	-	-	-	-	-	0.20 U	0.28 U	0.23 U	-	-	-
Aroclor 1221	mg/kg	$_o$[ABC]	n/v	-	-	-	-	-	-	-	-	-	-	-	0.20 U	0.28 U	0.23 U	-	-	-
Aroclor 1232	mg/kg	$_o$[ABC]	n/v	-	-	-	-	-	-	-	-	-	-	-	0.20 U	0.28 U	0.23 U	-	-	-
Aroclor 1242	mg/kg	$_o$[ABC]	n/v	-	-	-	-	-	-	-	-	-	-	-	0.20 U	0.28 U	0.23 U	-	-	-
Aroclor 1248	mg/kg	$_o$[ABC]	n/v	-	-	-	-	-	-	-	-	-	-	-	0.20 U	0.28 U	0.23 U	-	-	-
Aroclor 1254	mg/kg	$_o$[ABC]	n/v	-	-	-	-	-	-	-	-	-	-	-	0.20 U	0.28 U	0.23 U	-	-	-
Aroclor 1260	mg/kg	$_o$[ABC]	n/v	-	-	-	-	-	-	-	-	-	-	-	0.20 U	0.28 U	0.23 U	-	-	-
Polychlorinated Biphenyls (PCBs)	mg/kg	0.1[A] 1[B] 3.2[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	ND	ND	ND	-	-	-
Pesticides																				
Aldrin	µg/kg	5$_n$[A] 97[B] 190[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	9.4 U	1.9 U	170 U	-	-	-
BHC, alpha-	µg/kg	20[AC] 480[B]	n/v	-	-	-	-	-	-	-	-	-	-	-	9.4 U	1.9 U	170 U	-	-	-
BHC, beta-	µg/kg	36[A] 360[B] 90[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	9.4 U	1.9 U	170 U	-	-	-
BHC, delta-	µg/kg	40$_n$[A] 100,000$_b$[B] 250[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	9.4 U	1.9 U	170 U	-	-	-
Camphechlor (Toxaphene)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	94 U	19 U	1,700 U	-	-	-
Chlordane, alpha-	µg/kg	94[A] 4,200[B] 2,900[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	9.4 U	11	170 U	-	-	-
Chlordane, trans- (gamma-Chlordane)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	9.4	9.5 J	170 U	-	-	-
DDD (p,p'-DDD)	µg/kg	3.3$_m$[A] 13,000[B] 14,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	9.4 UJ	**27 J[A]**	170 U	-	-	-
DDE (p,p'-DDE)	µg/kg	3.3$_m$[A] 8,900[B] 17,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	**19[A]**	**13[A]**	170 U	-	-	-
DDT (p,p'-DDT)	µg/kg	3.3$_m$[A] 7,900[B] 136,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	9.4 U	2.5	170 U	-	-	-
Dieldrin	µg/kg	5$_n$[A] 200[B] 100[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	9.4 U	1.9 U	170 U	-	-	-
Endosulfan I	µg/kg	2,400$_n$[A] 24,000$_h$[B] 102,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	9.4 U	1.9 U	170 U	-	-	-
Endosulfan II	µg/kg	2,400$_n$[A] 24,000$_h$[B] 102,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	9.4 U	1.9 U	170 U	-	-	-
Endosulfan Sulfate	µg/kg	2,400$_n$[A] 24,000$_h$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	9.4 U	1.9 U	170 U	-	-	-
Endrin	µg/kg	14[A] 11,000[B] 60[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	9.4 U	1.9 U	170 U	-	-	-
Endrin Aldehyde	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	9.4 U	1.9 U	170 U	-	-	-
Endrin Ketone	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	9.4 U	1.9 U	170 U	-	-	-
Heptachlor	µg/kg	42[A] 2,100[B] 380[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	9.4 U	1.9 U	170 U	-	-	-

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				GP-01	GP-06/MW-01	GP-10	GP-11/MW-02	GP-12	B/MW-100		B-101	B/MW-102	B-103		B/MW-104		B-105			B/MW-106
Sample Date				11-Jun-14	11-Jun-14	11-Jun-14	11-Jun-14	11-Jun-14	29-Aug-18	29-Aug-18	29-Aug-18	29-Aug-18	30-Aug-18	30-Aug-18	31-Aug-18	31-Aug-18	4-Sep-18	4-Sep-18	4-Sep-18	4-Sep-18
Sample ID				GP-01 5.7FT	GP-06 8-8.1FT	GP-10 8-8.2FT	GP-11 7.4FT	GP-12 9FT	CNL-B100-S	CNL-B100-SD	CNL-B101-S	CNL-B102-S	CNL-B103-S	CNL-B103-S	CNL-B104-S	CNL-B104-SD	CNL-B105A-S	CNL-B105B-S	CNL-B105B-S	CNL-B106-S
Sample Depth				5.7 ft	8 - 8.1 ft	8 - 8.2 ft	7.4 ft	9 ft	8 - 9.3 ft	8 - 9.3 ft	6 - 7.5 ft	8 - 8.1 ft	6 - 8.5 ft	6 - 8.5 ft	2 - 3.6 ft	2 - 3.6 ft	0.3 - 0.6 ft	4.5 - 4.9 ft	4.5 - 4.9 ft	0.3 - 2.1 ft
Sampling Company				LABRNY	LABRNY	LABRNY	LABRNY	LABRNY	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ESC	ESC	ESC	ESC	ESC	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				L704675	L704675	L704675	L704675	L704675	480-141385-1	480-141068-1	480-141385-1	480-141068-1	480-141177-1	480-141385-1	480-141177-1	480-141177-1	480-141228-1	480-141228-1	480-141385-1	480-141228-1
Laboratory Sample ID				L704675-01	L704675-02	L704675-03	L704675-04	L704675-05	480-141385-3	480-141068-2	480-141385-4	480-141068-4	480-141177-1	480-141385-5	480-141177-2	480-141177-3	480-141228-1	480-141228-2	480-141385-6	480-141228-3
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51							Field Duplicate						Field Duplicate				
Heptachlor Epoxide	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	9.4 U	1.9 U	170 U	-	-	-
Lindane (Hexachlorocyclohexane, gamma)	µg/kg	100[AC] 1,300[B]	n/v	-	-	-	-	-	-	-	-	-	-	-	9.4 U	1.9 U	170 U	-	-	-
Methoxychlor (4,4'-Methoxychlor)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	9.4 U	1.9 U	170 U	-	-	-

See notes on last page.

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				GP-01	GP-06/MW-01	GP-10	GP-11/MW-02	GP-12	B/MW-100		B-101	B/MW-102	B-103		B/MW-104		B-105			B/MW-106
Sample Date				11-Jun-14	11-Jun-14	11-Jun-14	11-Jun-14	11-Jun-14	29-Aug-18	29-Aug-18	29-Aug-18	29-Aug-18	30-Aug-18	30-Aug-18	31-Aug-18	31-Aug-18	4-Sep-18	4-Sep-18	4-Sep-18	4-Sep-18
Sample ID				GP-01 5.7FT	GP-06 8-8.1FT	GP-10 8-8.2FT	GP-11 7.4FT	GP-12 9FT	CNL-B100-S	CNL-B100-SD	CNL-B101-S	CNL-B102-S	CNL-B103-S	CNL-B103-S	CNL-B104-S	CNL-B104-SD	CNL-B105A-S	CNL-B105B-S	CNL-B105B-S	CNL-B106-S
Sample Depth				5.7 ft	8 - 8.1 ft	8 - 8.2 ft	7.4 ft	9 ft	8 - 9.3 ft	8 - 9.3 ft	6 - 7.5 ft	8 - 8.1 ft	6 - 8.5 ft	6 - 8.5 ft	2 - 3.6 ft	2 - 3.6 ft	0.3 - 0.6 ft	4.5 - 4.9 ft	4.5 - 4.9 ft	0.3 - 2.1 ft
Sampling Company				LABRNY	LABRNY	LABRNY	LABRNY	LABRNY	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ESC	ESC	ESC	ESC	ESC	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				L704675	L704675	L704675	L704675	L704675	480-141385-1	480-141068-1	480-141385-1	480-141068-1	480-141177-1	480-141385-1	480-141177-1	480-141177-1	480-141228-1	480-141228-1	480-141385-1	480-141228-1
Laboratory Sample ID				L704675-01	L704675-02	L704675-03	L704675-04	L704675-05	480-141385-3	480-141068-2	480-141385-4	480-141068-4	480-141177-1	480-141385-5	480-141177-2	480-141177-3	480-141228-1	480-141228-2	480-141385-6	480-141228-3
Sample Type										Field Duplicate						Field Duplicate				
Sample Location	**Units**	**NYSDEC-Part 375**	**NYSDEC CP-51**																	
Polycyclic Aromatic Hydrocarbons																				
Acenaphthene	µg/kg	20,000[A] 100,000[B] 98,000[C]	20,000[F]	-	37 U	38 U	-	39 U	960 U	-	930 U	-	-	910 U	190 U	190 U	-	190	-	3,600 U
Acenaphthylene	µg/kg	100,000[A] 100,000[B] 107,000[C]	100,000[F]	-	37 U	38 U	-	39 U	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Anthracene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	100,000[F]	-	37 U	38 U	-	39 U	960 U	-	930 U	-	-	910 U	190 U	190 U	-	1,100	-	3,600 U
Benzo(a)anthracene	µg/kg	1,000[A] 1,000[BC]	1,000[F]	-	37 U	38 U	-	39 U	960 U	-	930 U	-	-	910 U	190 U	190 U	-	**1,300[ABCF]**	-	3,600 U
Benzo(a)pyrene	µg/kg	1,000[A] 1,000[B] 22,000[C]	1,000[F]	-	37 U	38 U	-	39 U	960 U	-	930 U	-	-	910 U	190 U	190 U	-	1,000	-	3,600 U
Benzo(b)fluoranthene	µg/kg	1,000[A] 1,000[B] 1,700[C]	1,000[F]	-	37 U	38 U	-	39 U	960 U	-	930 U	-	-	910 U	190 U	190 U	-	**1,200[ABF]**	-	3,600 U
Benzo(g,h,i)perylene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	100,000[F]	-	37 U	38 U	-	39 U	960 U	-	930 U	-	-	910 U	190 U	190 U	-	730	-	3,600 U
Benzo(k)fluoranthene	µg/kg	800[h,A] 3,900[B] 1,700[C]	800[F]	-	37 U	38 U	-	39 U	960 U	-	930 U	-	-	910 U	190 U *	190 U *	-	720	-	3,600 U
Chrysene	µg/kg	1,000[A] 3,900[B] 1,000[C]	1,000[F]	-	37 U	38 U	-	39 U	960 U	-	930 U	-	-	910 U	190 U	190 U	-	**1,200[ACF]**	-	3,600 U
Dibenzo(a,h)anthracene	µg/kg	330[m,A] 330[B] 1,000,000[C]	330[F]	-	37 U	38 U	-	39 U	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Fluoranthene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	100,000[F]	-	37 U	38 U	-	39 U	960 U	-	930 U	-	-	910 U	190 U	190 U	-	3,700	-	3,600 U
Fluorene	µg/kg	30,000[A] 100,000[B] 386,000[C]	30,000[F]	-	37 U	38 U	-	39 U	960 U	-	930 U	-	-	910 U	190 U	190 U	-	310	-	3,600 U
Indeno(1,2,3-cd)pyrene	µg/kg	500[h,A] 500[B] 8,200[C]	500[F]	-	37 U	38 U	-	39 U	960 U	-	930 U	-	-	910 U	190 U	190 U	-	**670[ABF]**	-	3,600 U
Naphthalene	µg/kg	12,000[AC] 100,000[B]	12,000[EF]	-	1,700	38 U	-	39 U	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Phenanthrene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	100,000[F]	-	37 U	38 U	-	39 U	960 U	-	930 U	-	-	910 U	190 U	190 U	-	4,500	-	3,600 U
Pyrene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	100,000[F]	-	37 U	38 U	-	39 U	960 U	-	930 U	-	-	910 U	190 U	190 U	-	2,700	-	3,600 U
Total PAH	µg/kg	n/v	n/v	-	1,700	ND	-	ND	ND	-	ND	-	-	ND	ND	ND	-	19,320	-	ND
Semi-Volatile Organic Compounds																				
Acetophenone	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Atrazine	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Benzaldehyde	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Biphenyl	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Bis(2-Chloroethoxy)methane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Bis(2-Chloroethyl)ether	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Bromophenyl Phenyl Ether, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Butyl Benzyl Phthalate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Caprolactam	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Carbazole	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	580	-	3,600 U
Chloro-3-methyl phenol, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Chloroaniline, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Chloronaphthalene, 2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Chlorophenyl Phenyl Ether, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Cresol, o- (Methylphenol, 2-)	µg/kg	330[m,A] 100,000[B] 330[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Cresol, p- (Methylphenol, 4-)	µg/kg	330[m,A] 100,000[B] 330[C]	n/v	-	-	-	-	-	1,900 U	-	1,800 U	-	-	1,800 U	370 U	370 U	-	350 U	-	6,900 U
Dibenzofuran	µg/kg	7,000[A] 59,000[B] 210,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	460	-	3,600 U
Dibutyl Phthalate (DBP)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Dichlorobenzidine, 3,3'-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	1,900 U	-	1,800 U	-	-	1,800 U	370 U	370 U	-	350 U	-	6,900 U
Dichlorophenol, 2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Diethyl Phthalate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U *	190 U *	-	180 U	-	3,600 U
Dimethyl Phthalate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Dimethylphenol, 2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Dinitro-o-cresol, 4,6-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	1,900 U	-	1,800 U	-	-	1,800 U	370 U	370 U	-	350 U	-	6,900 U
Dinitrophenol, 2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	9,400 U	-	9,100 U	-	-	8,900 U	1,900 U	1,900 U	-	1,700 U	-	35,000 U
Dinitrotoluene, 2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Dinitrotoluene, 2,6-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Di-n-Octyl phthalate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Hexachlorobenzene	µg/kg	330[m,A] 1,200[B] 3,200[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Hexachlorocyclopentadiene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Hexachloroethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Isophorone	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Methylnaphthalene, 2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Nitroaniline, 2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	1,900 U	-	1,800 U	-	-	1,800 U	370 U	370 U	-	350 U	-	6,900 U
Nitroaniline, 3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	1,900 U	-	1,800 U	-	-	1,800 U	370 U	370 U	-	350 U	-	6,900 U
Nitroaniline, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	1,900 U	-	1,800 U	-	-	1,800 U	370 U	370 U	-	350 U	-	6,900 U
Nitrobenzene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	15,000[D]	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Nitrophenol, 2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Nitrophenol, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	1,900 U	-	1,800 U	-	-	1,800 U	370 U *	370 U *	-	350 U	-	6,900 U
N-Nitrosodi-n-Propylamine	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
n-Nitrosodiphenylamine	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Pentachlorophenol	µg/kg	800[m,A] 6,700[B] 800[C]	n/v	-	-	-	-	-	1,900 U	-	1,800 U	-	-	1,800 U	370 U	370 U	-	350 U	-	**6,900[ABC]**
Phenol	µg/kg	330[m,A] 100,000[B] 330[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Trichlorophenol, 2,4,5-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U
Trichlorophenol, 2,4,6-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	960 U	-	930 U	-	-	910 U	190 U	190 U	-	180 U	-	3,600 U

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				GP-01	GP-06/MW-01	GP-10	GP-11/MW-02	GP-12	B/MW-100		B-101	B/MW-102	B-103		B/MW-104		B-105			B/MW-106
Sample Date				11-Jun-14	11-Jun-14	11-Jun-14	11-Jun-14	11-Jun-14	29-Aug-18	29-Aug-18	29-Aug-18	29-Aug-18	30-Aug-18	30-Aug-18	31-Aug-18	31-Aug-18	4-Sep-18	4-Sep-18	4-Sep-18	4-Sep-18
Sample ID				GP-01 5.7FT	GP-06 8-8.1FT	GP-10 8-8.2FT	GP-11 7.4FT	GP-12 9FT	CNL-B100-S	CNL-B100-SD	CNL-B101-S	CNL-B102-S	CNL-B103-S	CNL-B103-S	CNL-B104-S	CNL-B104-SD	CNL-B105A-S	CNL-B105B-S	CNL-B105B-S	CNL-B106-S
Sample Depth				5.7 ft	8 - 8.1 ft	8 - 8.2 ft	7.4 ft	9 ft	8 - 9.3 ft	8 - 9.3 ft	6 - 7.5 ft	8 - 8.1 ft	6 - 8.5 ft	6 - 8.5 ft	2 - 3.6 ft	2 - 3.6 ft	0.3 - 0.6 ft	4.5 - 4.9 ft	4.5 - 4.9 ft	0.3 - 2.1 ft
Sampling Company				LABRNY	LABRNY	LABRNY	LABRNY	LABRNY	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ESC	ESC	ESC	ESC	ESC	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				L704675	L704675	L704675	L704675	L704675	480-141385-1	480-141068-1	480-141385-1	480-141068-1	480-141177-1	480-141385-1	480-141177-1	480-141177-1	480-141228-1	480-141228-1	480-141385-1	480-141228-1
Laboratory Sample ID				L704675-01	L704675-02	L704675-03	L704675-04	L704675-05	480-141385-3	480-141068-2	480-141385-4	480-141068-4	480-141177-1	480-141385-5	480-141177-2	480-141177-3	480-141228-1	480-141228-2	480-141385-6	480-141228-3
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51							Field Duplicate						Field Duplicate				
Total SVOC	µg/kg	n/v	n/v	-	-	-	-	-	ND	-	ND	-	-	ND	ND	ND	-	1,040	-	ND
SVOC TICs																				
Total SVOC TICs	µg/kg	n/v	n/v	-	-	-	-	-	5,200 TJ	-	4,500 TJ	-	-	2,300 TJ	4,800 TJ	4,760 TJ	-	12,150 TJN	-	135,100 TJN

See notes on last page.

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				GP-01	GP-06/MW-01	GP-10	GP-11/MW-02	GP-12	B/MW-100		B-101	B/MW-102	B-103		B/MW-104		B-105			B/MW-106
Sample Date				11-Jun-14	11-Jun-14	11-Jun-14	11-Jun-14	11-Jun-14	29-Aug-18	29-Aug-18	29-Aug-18	29-Aug-18	30-Aug-18	30-Aug-18	31-Aug-18	31-Aug-18	4-Sep-18	4-Sep-18	4-Sep-18	4-Sep-18
Sample ID				GP-01 5.7FT	GP-06 8-8.1FT	GP-10 8-8.2FT	GP-11 7.4FT	GP-12 9FT	CNL-B100-S	CNL-B100-SD	CNL-B101-S	CNL-B102-S	CNL-B103-S	CNL-B103-S	CNL-B104-S	CNL-B104-SD	CNL-B105A-S	CNL-B105B-S	CNL-B105B-S	CNL-B106-S
Sample Depth				5.7 ft	8 - 8.1 ft	8 - 8.2 ft	7.4 ft	9 ft	8 - 9.3 ft	8 - 9.3 ft	6 - 7.5 ft	8 - 8.1 ft	6 - 8.5 ft	6 - 8.5 ft	2 - 3.6 ft	2 - 3.6 ft	0.3 - 0.6 ft	4.5 - 4.9 ft	4.5 - 4.9 ft	0.3 - 2.1 ft
Sampling Company				LABRNY	LABRNY	LABRNY	LABRNY	LABRNY	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ESC	ESC	ESC	ESC	ESC	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				L704675	L704675	L704675	L704675	L704675	480-141385-1	480-141068-1	480-141385-1	480-141068-1	480-141177-1	480-141385-1	480-141177-1	480-141177-1	480-141228-1	480-141228-1	480-141385-1	480-141228-1
Laboratory Sample ID				L704675-01	L704675-02	L704675-03	L704675-04	L704675-05	480-141385-3	480-141068-2	480-141385-4	480-141068-4	480-141177-1	480-141385-5	480-141177-2	480-141177-3	480-141228-1	480-141228-2	480-141385-6	480-141228-3
Sample Type										Field Duplicate						Field Duplicate				
Semi-Volatile Organic Compounds - TCLP																				
Cresol, m- (Methylphenol, 3-)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cresol, o- (Methylphenol, 2-)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cresol, p- (Methylphenol, 4-)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobenzene, 1,4-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dinitrotoluene, 2,4-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/L	n/v	15[O]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyridine	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorophenol, 2,4,5-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorophenol, 2,4,6-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds																				
Acetone	µg/kg	50[AC] 100,000[B]	n/v	280 U	**76,000[AC]**	290 U	280 U	300 U	-	28 U	-	570 U	26 U	-	28 U F1	-	2,100 U	26 U vs	-	2,200 U
Benzene	µg/kg	60[AC] 4,800[B]	60[EF]	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Bromodichloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Bromoform (Tribromomethane)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Bromomethane (Methyl bromide)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	28 U	1,100 U	29 U	28 U	30 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 UJ
Butylbenzene, n-	µg/kg	12,000[AC] 100,000[B]	12,000[EF]	5.6 U	3,900	5.7 U	5.6 U	6.0 U	-	5.7 U	-	310	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11,000[AC] 100,000[B]	11,000[EF]	5.6 U	1,600	5.7 U	5.6 U	6.0 U	-	5.7 U	-	150	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U *
Butylbenzene, tert-	µg/kg	5,900[AC] 100,000[B]	5,900[EF]	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U *
Carbon Disulfide	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760[AC] 2,400[B]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U F1	-	430 U	5.2 U vs	-	440 U
Chlorobenzene (Monochlorobenzene)	µg/kg	1,100[AC] 100,000[B]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Chlorobromomethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane (Ethyl Chloride)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	28 U	1,100 U	29 U	28 U	30 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Chloroform (Trichloromethane)	µg/kg	370[AC] 49,000[B]	n/v	28 U	1,100 U	29 U	28 U	30 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U F1	-	430 U	5.2 U vs	-	440 U
Chloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	14 U	560 U	14 U	14 U	15 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U F1	-	430 U	5.2 U vs	-	440 U
Cyclohexane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.6 U	3,800	5.7 U	5.6 U	6.0 U	-	5.7 U	-	3,400	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	1,200
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	28 U	1,100 U	29 U	28 U	30 U	-	5.7 U	-	110 U	5.2 U	-	5.6 UJ	-	430 U	5.2 U vs	-	440 U
Dibromochloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Dichlorobenzene, 1,2-	µg/kg	1,100[AC] 100,000[B]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Dichlorobenzene, 1,3-	µg/kg	2,400[AC] 49,000[B]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Dichlorobenzene, 1,4-	µg/kg	1,800[AC] 13,000[B]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Dichlorodifluoromethane (Freon 12)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	28 U	1,100 U	29 U	28 U	30 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Dichloroethane, 1,1-	µg/kg	270[AC] 26,000[B]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Dichloroethane, 1,2-	µg/kg	20[m,A] 3,100[B] 20[s,C]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U F1	-	430 U	5.2 U vs	-	440 U
Dichloroethene, 1,1-	µg/kg	330[AC] 100,000[B]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Dichloroethene, cis-1,2-	µg/kg	250[AC] 100,000[B]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Dichloroethene, trans-1,2-	µg/kg	190[AC] 100,000[B]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Dichloropropane, 1,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Dichloropropene, cis-1,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U F1	-	430 U	5.2 U vs	-	440 U
Dichloropropene, trans-1,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Ethylbenzene	µg/kg	1,000[AC] 41,000[B]	1,000[EF]	5.6 U	**4,400[ACEF]**	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U F1	-	430 U	5.2 U vs	-	**1,300[ACEF]**
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	56 U	2,200 U	57 U	56 U	60 U	-	28 U	-	570 U	26 U	-	28 U	-	2,100 U	26 U vs	-	2,200 U
Isopropylbenzene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	2,300[EF]	56 U	**3,800[EF]**	57 U	56 U	60 U	-	5.7 U	-	260	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Isopropyltoluene, p- (Cymene)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	10,000[EF]	5.6 U	3,600	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U *
Methyl Acetate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	110 U	66,000	110 U	110 U	120 U	-	28 U	-	570 U	26 U	-	28 U	-	2,100 U	26 U vs	-	2,200 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	120[AC] 100,000[B]	n/v	56 U	2,200 U	57 U	56 U	60 U	-	28 U	-	570 U	26 U	-	28 UJ	-	2,100 U	26 U vs	-	2,200 U
Methyl Isobutyl Ketone (MIBK)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	56 U	2,200 U	57 U	56 U	60 U	-	28 U	-	570 U	26 U	-	28 U	-	2,100 U	26 U vs	-	2,200 U
Methyl tert-butyl ether (MTBE)	µg/kg	930[AC] 100,000[B]	930[E]	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Methylcyclohexane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.6 U	27,000 E	5.7 U	5.6 U	6.0 U	-	5.7 U	-	1,500	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	930
Methylene Chloride (Dichloromethane)	µg/kg	50[AC] 100,000[B]	n/v	28 U	1,100 U	29 U	28 U	30 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Naphthalene	µg/kg	12,000[AC] 100,000[B]	12,000[EF]	28 U	**17,000[ACEF]**	29 U	28 U	30 U	-	-	-	-	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/kg	3,900[AC] 100,000[B]	3,900[EF]	5.6 U	**14,000[ACEF]**	5.8	5.6 U	6.0 U	-	5.7 U	-	810	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Styrene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Tetrachloroethane, 1,1,2,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 UJ	-	430 U	5.2 U vs	-	440 U
Tetrachloroethene (PCE)	µg/kg	1,300[AC] 19,000[B]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Toluene	µg/kg	700[AC] 100,000[B]	700[EF]	28 U	1,100 U	29 U	28 U	30 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Trichlorobenzene, 1,2,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobenzene, 1,2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Trichloroethane, 1,1,1-	µg/kg	680[AC] 100,000[B]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U F1	-	430 U	5.2 U vs	-	440 U
Trichloroethane, 1,1,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Trichloroethene (TCE)	µg/kg	470[AC] 21,000[B]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Trichlorofluoromethane (Freon 11)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	28 U	1,100 U	29 U	28 U	30 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Trichlorotrifluoroethane (Freon 113)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U
Trimethylbenzene, 1,2,4-	µg/kg	3,600[AC] 52,000[B]	3,600[EF]	5.6 U	**110,000[ABCEF]**	25	20	6.0 U	-	5.7 U	-	**6,900[ACEF]**	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	3,400
Trimethylbenzene, 1,3,5-	µg/kg	8,400[AC] 52,000[B]	8,400[EF]	5.6 U	**35,000[ACEF]**	8.1	5.6 U	6.0 U	-	5.7 U	-	710	5.2 U	-	5.6 U	-	430 U	5.2 U vs	-	440 U

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				GP-01	GP-06/MW-01	GP-10	GP-11/MW-02	GP-12	B/MW-100		B-101	B/MW-102	B-103		B/MW-104		B-105			B/MW-106
Sample Date				11-Jun-14	11-Jun-14	11-Jun-14	11-Jun-14	11-Jun-14	29-Aug-18	29-Aug-18	29-Aug-18	29-Aug-18	30-Aug-18	30-Aug-18	31-Aug-18	31-Aug-18	4-Sep-18	4-Sep-18	4-Sep-18	4-Sep-18
Sample ID				GP-01 5.7FT	GP-06 8-8.1FT	GP-10 8-8.2FT	GP-11 7.4FT	GP-12 9FT	CNL-B100-S	CNL-B100-SD	CNL-B101-S	CNL-B102-S	CNL-B103-S	CNL-B103-S	CNL-B104-S	CNL-B104-SD	CNL-B105A-S	CNL-B105B-S	CNL-B105B-S	CNL-B106-S
Sample Depth				5.7 ft	8 - 8.1 ft	8 - 8.2 ft	7.4 ft	9 ft	8 - 9.3 ft	8 - 9.3 ft	6 - 7.5 ft	8 - 8.1 ft	6 - 8.5 ft	6 - 8.5 ft	2 - 3.6 ft	2 - 3.6 ft	0.3 - 0.6 ft	4.5 - 4.9 ft	4.5 - 4.9 ft	0.3 - 2.1 ft
Sampling Company				LABRNY	LABRNY	LABRNY	LABRNY	LABRNY	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ESC	ESC	ESC	ESC	ESC	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				L704675	L704675	L704675	L704675	L704675	480-141385-1	480-141068-1	480-141385-1	480-141068-1	480-141177-1	480-141385-1	480-141177-1	480-141177-1	480-141228-1	480-141228-1	480-141385-1	480-141228-1
Laboratory Sample ID				L704675-01	L704675-02	L704675-03	L704675-04	L704675-05	480-141385-3	480-141068-2	480-141385-4	480-141068-4	480-141177-1	480-141385-5	480-141177-2	480-141177-3	480-141228-1	480-141228-2	480-141385-6	480-141228-3
Sample Type										Field Duplicate						Field Duplicate				
	Units	NYSDEC-Part 375	NYSDEC CP-51																	
Vinyl Chloride	µg/kg	20[AC] 900[B]	n/v	5.6 U	220 U	5.7 U	5.6 U	6.0 U	-	5.7 U	-	110 U	5.2 U	-	5.6 U F1	-	430 U	5.2 U vs	-	440 U
Xylene, m & p-	µg/kg	260[A] 100,000[B] 1,600[C]	n/v	11 U	**38,000[AC]**	11 U	11 U	12 U	-	-	-	-	-	-	-	-	-	-	-	-
Xylene, o-	µg/kg	260[A] 100,000[B] 1,600[C]	n/v	5.6 U	**4,000[AC]**	5.7 U	5.6 U	6.0 U	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes, Total	µg/kg	260[A] 100,000[B] 1,600[C]	260[EF]	-	-	-	-	-	-	11 U	-	**340[AEF]**	10 U	-	11 U	-	860 U	10 U vs	-	**1,500[AEF]**
Total VOC	µg/kg	n/v	n/v	ND	408,100	38.9	20	ND	-	ND	-	14,040	ND	-	ND	-	ND	ND	-	6,830
VOC TICs																				
Total VOC TICs	µg/kg	n/v	n/v	-	-	-	-	-	-	ND	-	48,000 TJN	ND	-	ND	-	199,000 TJN	ND	-	59,100 TJN

See notes on last page.

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				GP-01	GP-06/MW-01	GP-10	GP-11/MW-02	GP-12	B/MW-100		B-101	B/MW-102	B-103		B/MW-104		B-105			B/MW-106
Sample Date				11-Jun-14	11-Jun-14	11-Jun-14	11-Jun-14	11-Jun-14	29-Aug-18	29-Aug-18	29-Aug-18	29-Aug-18	30-Aug-18	30-Aug-18	31-Aug-18	31-Aug-18	4-Sep-18	4-Sep-18	4-Sep-18	4-Sep-18
Sample ID				GP-01 5.7FT	GP-06 8-8.1FT	GP-10 8-8.2FT	GP-11 7.4FT	GP-12 9FT	CNL-B100-S	CNL-B100-SD	CNL-B101-S	CNL-B102-S	CNL-B103-S	CNL-B103-S	CNL-B104-S	CNL-B104-SD	CNL-B105A-S	CNL-B105B-S	CNL-B105B-S	CNL-B106-S
Sample Depth				5.7 ft	8 - 8.1 ft	8 - 8.2 ft	7.4 ft	9 ft	8 - 9.3 ft	8 - 9.3 ft	6 - 7.5 ft	8 - 8.1 ft	6 - 8.5 ft	6 - 8.5 ft	2 - 3.6 ft	2 - 3.6 ft	0.3 - 0.6 ft	4.5 - 4.9 ft	4.5 - 4.9 ft	0.3 - 2.1 ft
Sampling Company				LABRNY	LABRNY	LABRNY	LABRNY	LABRNY	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ESC	ESC	ESC	ESC	ESC	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				L704675	L704675	L704675	L704675	L704675	480-141385-1	480-141068-1	480-141385-1	480-141068-1	480-141177-1	480-141385-1	480-141177-1	480-141177-1	480-141228-1	480-141228-1	480-141385-1	480-141228-1
Laboratory Sample ID				L704675-01	L704675-02	L704675-03	L704675-04	L704675-05	480-141385-3	480-141068-2	480-141385-4	480-141068-4	480-141177-1	480-141385-5	480-141177-2	480-141177-3	480-141228-1	480-141228-2	480-141385-6	480-141228-3
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51							Field Duplicate						Field Duplicate				
Volatile Organic Compounds - TCLP																				
Benzene	mg/L	n/v	0.06[EF]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride (Tetrachloromethane)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene (Monochlorobenzene)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichloroethane, 1,2-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichloroethene, 1,1-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Ethyl Ketone (MEK) (2-Butanone)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene (PCE)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene (TCE)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See notes on last page.

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				B/MW-107	B-108	B-109	B/MW-110	B/MW-111	B/MW-112	B/MW-113	B/MW-114	B-115	B-117	B-118		B-119
Sample Date				5-Sep-18	7-Sep-18	7-Sep-18	7-Sep-18	7-Sep-18	18-Feb-19	18-Feb-19	19-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19
Sample ID				CNL-B107-S	CNL-B108-S	CNL-B109-S	CNL-B110-S	CNL-B111-S	CNL-B112-S	CNL-B113-S	CNL-B114-S	CNL-B115-S	CNL-B117-S	CNL-B118-S	CNL-BDUP-S (VOCs)	CNL-B119-S
Sample Depth				0.3 - 2 ft	3 - 3.6 ft	5 - 5.5 ft	2 - 3.5 ft	3 - 4 ft	6 - 6.6 ft	9.5 - 10 ft	5.9 - 6.6 ft	9 - 11 ft	5.4 - 5.9 ft	3.2 - 3.7 ft	3.2 - 3.7 ft	4.5 - 5 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-141294-1	480-141438-1	480-141438-1	480-141438-1	480-141438-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1
Laboratory Sample ID				480-141294-1	480-141438-1	480-141438-2	480-141438-3	480-141438-4	480-149215-1	480-149215-2	480-149215-3	480-149425-1	480-149425-2	480-149425-8	480-149425-7	480-149425-3
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51												Field Duplicate	
General Chemistry																
Cyanide	mg/kg	27[AB] 40[C]	n/v	1.2 U	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide (Reactive)	mg/kg	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Flashpoint	deg F	n/v	n/v	-	-	-	-	-	-	-	-	-	-	> 176	-	-
pH, lab	S.U.	n/v	n/v	-	-	-	-	-	-	-	-	-	-	8.0 HF	-	-
Sulfide (Reactive)	mg/kg	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Temperature, Lab	deg C	n/v	n/v	-	-	-	-	-	-	-	-	-	-	19.6 HF	-	-
Total Solids	%	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Solids (Fixed)	%	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Solids (Volatile)	%	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals																
Aluminum	mg/kg	10,000$_e$[ABC]	n/v	7,160	3,110	3,330	4,530	5,460	4,250 J	4,730	4,840	-	-	-	-	-
Antimony	mg/kg	10,000$_e$[ABC]	n/v	17.7 U	16.8 U	17.1 U	16.0 U	16.9 U	17.0 U	17.4 U	17.0 U	-	-	-	-	-
Arsenic	mg/kg	13$_n$[A] 16$_g$[BC]	n/v	6.3	2.2 U	2.3 U	4.0	3.0	2.5	2.8	2.8	2.3 U	2.2 U	-	-	2.2 U
Barium	mg/kg	350$_r$[A] 400[B] 820[C]	n/v	73.7	18.8	14.9	21.2	25.6	20.3	21.3	22.8	25.4 J-	18.2	-	-	23.7
Beryllium	mg/kg	7.2[A] 72[B] 47[C]	n/v	0.34	0.22 U	0.23 U	0.23	0.29	0.23 U	0.24	0.23 U	-	-	-	-	-
Cadmium	mg/kg	2.5$_n$[A] 4.3[B] 7.5[C]	n/v	0.96	0.22 U	0.23 U	0.21 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.22 U	-	-	0.22 U
Calcium	mg/kg	10,000$_e$[ABC]	n/v	**22,700[ABC]**	**33,400[ABC]**	**29,300[ABC]**	**30,100[ABC]**	2,070	**27,900[ABC]**	3,640	3,410	-	-	-	-	-
Chromium	mg/kg	30$_{cl}$[A] 180[B] $_{NS,d}$[C]	n/v	9.8	5.6	5.1	6.0	7.7	6.2 J-	6.9	7.2	8.1 J-	4.6	-	-	7.0
Cobalt	mg/kg	10,000$_e$[ABC]	n/v	4.4	2.7	2.5	3.5	3.7	3.3	3.6	3.8	-	-	-	-	-
Copper	mg/kg	50[A] 270[B] 1,720[C]	n/v	49.0	4.7	5.0	6.7	15.7	7.2	9.9	8.1	-	-	-	-	-
Iron	mg/kg	10,000$_e$[ABC]	n/v	**11,900[ABC]**	7,410	7,580	**11,300[ABC]**	**11,700[ABC]**	8,960	9,690	9,970	-	-	-	-	-
Lead	mg/kg	63$_n$[A] 400[B] 450[C]	n/v	**421[AB]**	2.8	2.7	**107[A]**	8.5	3.2	6.1	5.1	5.8	3.5	-	-	4.6
Magnesium	mg/kg	10,000$_e$[ABC]	n/v	6,110	6,850	7,500	8,340	1,510	5,990	2,130	2,080	-	-	-	-	-
Manganese	mg/kg	1,600$_n$[A] 2,000$_g$[BC]	n/v	358	294	225	324	557	290	384	324	-	-	-	-	-
Mercury	mg/kg	0.18$_n$[A] 0.81$_k$[B] 0.73[C]	n/v	**0.66[A]**	0.023 U	0.023 U	0.021 U	0.023 U	0.022 U	0.024 U	0.023 U	0.023 U	0.022 U	-	-	0.023 U
Nickel	mg/kg	30[A] 310[B] 130[C]	n/v	10.8	5.6 U	5.7 U	7.6	8.1	7.1	7.5	9.0	-	-	-	-	-
Potassium	mg/kg	10,000$_e$[ABC]	n/v	1,170	888	861	1,020	916	1,050 J	1,360	1,260	-	-	-	-	-
Selenium	mg/kg	3.9$_n$[A] 180[B] 4$_q$[C]	n/v	4.7 U	4.5 U	4.5 U	4.3 U	4.5 U	4.5 U	4.6 U	4.5 U	4.5 U	4.5 U	-	-	4.5 U
Silver	mg/kg	2[A] 180[B] 8.3[C]	n/v	0.71 U	0.67 U	0.68 U	0.64 U	0.68 U	0.68 U	0.69 U	0.68 U	0.68 U	0.67 U	-	-	0.67 U
Sodium	mg/kg	10,000$_e$[ABC]	n/v	1,410	186	159 U	149 U	228	208	162 U	159 U	-	-	-	-	-
Thallium	mg/kg	10,000$_e$[ABC]	n/v	7.1 U	6.7 U	6.8 U	6.4 U	6.8 U	6.8 U	6.9 U	6.8 U	-	-	-	-	-
Vanadium	mg/kg	10,000$_e$[ABC]	n/v	15.2	10.9	10.3	12.3	14.0	12.4	13.4	14.0	-	-	-	-	-
Zinc	mg/kg	109$_n$[A] 10,000$_e$[B] 2,480[C]	n/v	**381[A]**	13.7	11.6	14.1	21.4	17.9	18.8	17.2	-	-	-	-	-
Metals - TCLP																
Arsenic	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls																
Aroclor 1016	mg/kg	$_o$[ABC]	n/v	0.21 U	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1221	mg/kg	$_o$[ABC]	n/v	0.21 U	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1232	mg/kg	$_o$[ABC]	n/v	0.21 U	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1242	mg/kg	$_o$[ABC]	n/v	0.21 U	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1248	mg/kg	$_o$[ABC]	n/v	0.21 U	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1254	mg/kg	$_o$[ABC]	n/v	0.21 U	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1260	mg/kg	$_o$[ABC]	n/v	0.21 U	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls (PCBs)	mg/kg	0.1[A] 1[B] 3.2[C]	n/v	ND	-	-	-	-	-	-	-	-	-	-	-	-
Pesticides																
Aldrin	µg/kg	5$_n$[A] 97[B] 190[C]	n/v	3.8 U	-	-	-	-	-	-	-	-	-	-	-	-
BHC, alpha-	µg/kg	20[AC] 480[B]	n/v	3.8 U	-	-	-	-	-	-	-	-	-	-	-	-
BHC, beta-	µg/kg	36[A] 360[B] 90[C]	n/v	3.8 U	-	-	-	-	-	-	-	-	-	-	-	-
BHC, delta-	µg/kg	40$_n$[A] 100,000$_b$[B] 250[C]	n/v	3.8 U	-	-	-	-	-	-	-	-	-	-	-	-
Camphechlor (Toxaphene)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	38 U	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane, alpha-	µg/kg	94[A] 4,200[B] 2,900[C]	n/v	3.8 U	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane, trans- (gamma-Chlordane)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3.8 U	-	-	-	-	-	-	-	-	-	-	-	-
DDD (p,p'-DDD)	µg/kg	3.3$_m$[A] 13,000[B] 14,000[C]	n/v	3.8 U	-	-	-	-	-	-	-	-	-	-	-	-
DDE (p,p'-DDE)	µg/kg	3.3$_m$[A] 8,900[B] 17,000[C]	n/v	3.8 U	-	-	-	-	-	-	-	-	-	-	-	-
DDT (p,p'-DDT)	µg/kg	3.3$_m$[A] 7,900[B] 136,000[C]	n/v	3.8 U	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	µg/kg	5$_n$[A] 200[B] 100[C]	n/v	3.8 U	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	µg/kg	2,400[A] 24,000$_h$[B] 102,000[C]	n/v	3.8 U	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	µg/kg	2,400[A] 24,000$_h$[B] 102,000[C]	n/v	3.8 U	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan Sulfate	µg/kg	2,400[A] 24,000$_h$[B] 1,000,000$_a$[C]	n/v	3.8 U	-	-	-	-	-	-	-	-	-	-	-	-
Endrin	µg/kg	14[A] 11,000[B] 60[C]	n/v	3.8 U	-	-	-	-	-	-	-	-	-	-	-	-
Endrin Aldehyde	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3.8 U	-	-	-	-	-	-	-	-	-	-	-	-
Endrin Ketone	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3.8 U	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	42[A] 2,100[B] 380[C]	n/v	3.8 U	-	-	-	-	-	-	-	-	-	-	-	-

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				B/MW-107	B-108	B-109	B/MW-110	B/MW-111	B/MW-112	B/MW-113	B/MW-114	B-115	B-117	B-118		B-119
Sample Date				5-Sep-18	7-Sep-18	7-Sep-18	7-Sep-18	7-Sep-18	18-Feb-19	18-Feb-19	19-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19
Sample ID				CNL-B107-S	CNL-B108-S	CNL-B109-S	CNL-B110-S	CNL-B111-S	CNL-B112-S	CNL-B113-S	CNL-B114-S	CNL-B115-S	CNL-B117-S	CNL-B118-S	CNL-BDUP-S (VOCs)	CNL-B119-S
Sample Depth				0.3 - 2 ft	3 - 3.6 ft	5 - 5.5 ft	2 - 3.5 ft	3 - 4 ft	6 - 6.6 ft	9.5 - 10 ft	5.9 - 6.6 ft	9 - 11 ft	5.4 - 5.9 ft	3.2 - 3.7 ft	3.2 - 3.7 ft	4.5 - 5 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-141294-1	480-141438-1	480-141438-1	480-141438-1	480-141438-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1
Laboratory Sample ID				480-141294-1	480-141438-1	480-141438-2	480-141438-3	480-141438-4	480-149215-1	480-149215-2	480-149215-3	480-149425-1	480-149425-2	480-149425-8	480-149425-7	480-149425-3
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51												Field Duplicate	
Heptachlor Epoxide	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3.8 U	-	-	-	-	-	-	-	-	-	-	-	-
Lindane (Hexachlorocyclohexane, gamma)	µg/kg	100[AC] 1,300[B]	n/v	3.8 U	-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor (4,4'-Methoxychlor)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3.8 U	-	-	-	-	-	-	-	-	-	-	-	-

See notes on last page.

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				B/MW-107	B-108	B-109	B/MW-110	B/MW-111	B/MW-112	B/MW-113	B/MW-114	B-115	B-117	B-118		B-119
Sample Date				5-Sep-18	7-Sep-18	7-Sep-18	7-Sep-18	7-Sep-18	18-Feb-19	18-Feb-19	19-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19
Sample ID				CNL-B107-S	CNL-B108-S	CNL-B109-S	CNL-B110-S	CNL-B111-S	CNL-B112-S	CNL-B113-S	CNL-B114-S	CNL-B115-S	CNL-B117-S	CNL-B118-S	CNL-BDUP-S (VOCs)	CNL-B119-S
Sample Depth				0.3 - 2 ft	3 - 3.6 ft	5 - 5.5 ft	2 - 3.5 ft	3 - 4 ft	6 - 6.6 ft	9.5 - 10 ft	5.9 - 6.6 ft	9 - 11 ft	5.4 - 5.9 ft	3.2 - 3.7 ft	3.2 - 3.7 ft	4.5 - 5 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-141294-1	480-141438-1	480-141438-1	480-141438-1	480-141438-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1
Laboratory Sample ID				480-141294-1	480-141438-1	480-141438-2	480-141438-3	480-141438-4	480-149215-1	480-149215-2	480-149215-3	480-149425-1	480-149425-2	480-149425-8	480-149425-7	480-149425-3
Sample Type															Field Duplicate	
Polycyclic Aromatic Hydrocarbons																
Acenaphthene	µg/kg	20,000[A] 100,000[B] 98,000[C]	20,000[F]	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	9,000	-	-	5,400
Acenaphthylene	µg/kg	100,000$_a$[A] 100,000[B] 107,000[C]	100,000[F]	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Anthracene	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_a$[C]	100,000[F]	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	21,000	-	-	18,000
Benzo(a)anthracene	µg/kg	1,000$_a$[A] 1,000$_g$[BC]	1,000[F]	340	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	**20,000[ABCF]**	-	-	**14,000[ABCF]**
Benzo(a)pyrene	µg/kg	1,000$_a$[A] 1,000$_g$[B] 22,000[C]	1,000[F]	290	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	**16,000[ABF]**	-	-	**12,000[ABF]**
Benzo(b)fluoranthene	µg/kg	1,000$_a$[A] 1,000$_g$[B] 1,700[C]	1,000[F]	360	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	**20,000[ABCF]**	-	-	**13,000[ABCF]**
Benzo(g,h,i)perylene	µg/kg	100,000[A] 100,000$_h$[B] 1,000,000$_g$[C]	100,000[F]	280	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	9,900	-	-	7,900
Benzo(k)fluoranthene	µg/kg	800$_h$[A] 3,900[B] 1,700[C]	800[F]	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	**8,400[ABCF]**	-	-	**7,900[ABCF]**
Chrysene	µg/kg	1,000$_a$[A] 3,900[B] 1,000$_g$[C]	1,000[F]	350	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	**19,000[ABCF]**	-	-	**14,000[ABCF]**
Dibenzo(a,h)anthracene	µg/kg	330$_m$[A] 330[B] 1,000,000$_g$[C]	330[F]	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Fluoranthene	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_g$[C]	100,000[F]	750	190 U	200	180 U	190 U	190 U	190 U	190 U	190 U	57,000	-	-	39,000
Fluorene	µg/kg	30,000[A] 100,000[B] 386,000[C]	30,000[F]	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	10,000	-	-	8,500
Indeno(1,2,3-cd)pyrene	µg/kg	500$_b$[A] 500$_g$[B] 8,200[C]	500[F]	240	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	**9,800[ABCF]**	-	-	**7,300[ABF]**
Naphthalene	µg/kg	12,000[AC] 100,000$_b$[B]	12,000[EF]	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	2,700 F2F1	**20,000[ACEF]**	-	-	2,000 U
Phenanthrene	µg/kg	100,000[A] 100,000$_b$[B] 1,000,000$_g$[C]	100,000[F]	500	190 U	270	180 U	190 U	190 U	190 U	190 U	190 U	93,000	-	-	58,000
Pyrene	µg/kg	100,000[A] 100,000$_b$[B] 1,000,000$_g$[C]	100,000[F]	550	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	41,000	-	-	30,000
Total PAH	µg/kg	n/v	n/v	3,660	ND	470	ND	ND	ND	ND	ND	2,700	354,100	-	-	235,000
Semi-Volatile Organic Compounds																
Acetophenone	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	2,000 F1	3,800 U	-	-	2,000 U
Atrazine	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Benzaldehyde	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Biphenyl	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	4,500	-	-	2,000
Bis(2-Chloroethoxy)methane	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Bis(2-Chloroethyl)ether	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Bromophenyl Phenyl Ether, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Butyl Benzyl Phthalate	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Caprolactam	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Carbazole	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	10,000	-	-	7,600
Chloro-3-methyl phenol, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Chloroaniline, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Chloronaphthalene, 2-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Chlorophenyl Phenyl Ether, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Cresol, o- (Methylphenol, 2-)	µg/kg	330$_m$[A] 100,000[B] 330[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Cresol, p- (Methylphenol, 4-)	µg/kg	330$_m$[A] 100,000[B] 330[C]	n/v	380 U	370 U	370 U	360 U	380 U	370 U	370 U	380 U	370 U	7,500 U	-	-	3,800 U
Dibenzofuran	µg/kg	7,000[A] 59,000[B] 210,000[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	**20,000[A]**	-	-	**11,000[A]**
Dibutyl Phthalate (DBP)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Dichlorobenzidine, 3,3'-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	380 U	370 U	370 U	360 U	380 U	370 U	370 U	380 U	370 U	7,500 U	-	-	3,800 U
Dichlorophenol, 2,4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Diethyl Phthalate	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Dimethyl Phthalate	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Dimethylphenol, 2,4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Dinitro-o-cresol, 4,6-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	380 U	370 U	370 U	360 U	380 U	370 U	370 U	380 U	370 U	7,500 U	-	-	3,800 U
Dinitrophenol, 2,4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	1,900 U	1,900 U	1,900 U	1,800 U	1,900 U	1,900 U	1,900 U	1,900 U	1,900 U	37,000 U	-	-	19,000 U
Dinitrotoluene, 2,4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Dinitrotoluene, 2,6-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Di-n-Octyl phthalate	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Hexachlorobenzene	µg/kg	330$_m$[A] 1,200[B] 3,200[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Hexachlorocyclopentadiene	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Hexachloroethane	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Isophorone	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Methylnaphthalene, 2-	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	5,500 F2F1	13,000	-	-	3,500
Nitroaniline, 2-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	380 U	370 U	370 U	360 U	380 U	370 U	370 U	380 U	370 U	7,500 U	-	-	3,800 U
Nitroaniline, 3-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	380 U	370 U	370 U	360 U	380 U	370 U	370 U	380 U	370 U	7,500 U	-	-	3,800 U
Nitroaniline, 4-	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_g$[C]	n/v	380 U	370 U	370 U	360 U	380 U	370 U	370 U	380 U	370 U	7,500 U	-	-	3,800 U
Nitrobenzene	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_g$[C]	15,000[D]	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Nitrophenol, 2-	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Nitrophenol, 4-	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_g$[C]	n/v	380 U	370 U	370 U	360 U	380 U	370 U	370 U	380 U	370 U	7,500 U	-	-	3,800 U
N-Nitrosodi-n-Propylamine	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
n-Nitrosodiphenylamine	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Pentachlorophenol	µg/kg	800$_m$[A] 6,700[B] 800[C]	n/v	380 U	370 U	370 U	360 U	380 U	370 U	370 U	380 U	370 U	7,500 U	-	-	3,800 U
Phenol	µg/kg	330$_m$[A] 100,000[B] 330[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Trichlorophenol, 2,4,5-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U
Trichlorophenol, 2,4,6-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	200 U	190 U	190 U	180 U	190 U	190 U	190 U	190 U	190 U	3,800 U	-	-	2,000 U

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				B/MW-107	B-108	B-109	B/MW-110	B/MW-111	B/MW-112	B/MW-113	B/MW-114	B-115	B-117	B-118		B-119
Sample Date				5-Sep-18	7-Sep-18	7-Sep-18	7-Sep-18	7-Sep-18	18-Feb-19	18-Feb-19	19-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19
Sample ID				CNL-B107-S	CNL-B108-S	CNL-B109-S	CNL-B110-S	CNL-B111-S	CNL-B112-S	CNL-B113-S	CNL-B114-S	CNL-B115-S	CNL-B117-S	CNL-B118-S	CNL-BDUP-S (VOCs)	CNL-B119-S
Sample Depth				0.3 - 2 ft	3 - 3.6 ft	5 - 5.5 ft	2 - 3.5 ft	3 - 4 ft	6 - 6.6 ft	9.5 - 10 ft	5.9 - 6.6 ft	9 - 11 ft	5.4 - 5.9 ft	3.2 - 3.7 ft	3.2 - 3.7 ft	4.5 - 5 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-141294-1	480-141438-1	480-141438-1	480-141438-1	480-141438-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1
Laboratory Sample ID				480-141294-1	480-141438-1	480-141438-2	480-141438-3	480-141438-4	480-149215-1	480-149215-2	480-149215-3	480-149425-1	480-149425-2	480-149425-8	480-149425-7	480-149425-3
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51												Field Duplicate	
Total SVOC	µg/kg	n/v	n/v	ND	ND	ND	ND	ND	ND	ND	ND	7,500	47,500	-	-	24,100
SVOC TICs																
Total SVOC TICs	µg/kg	n/v	n/v	8,660 TJN	2,830 TJN	4,920 TJ	2,800 TJ	4,570 TJ	960 TJ	1,940 TJN	1,690 TJN	72,800 TJN	73,200 TJN	-	-	47,000 TJN

See notes on last page.

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				B/MW-107	B-108	B-109	B/MW-110	B/MW-111	B/MW-112	B/MW-113	B/MW-114	B-115	B-117	B-118		B-119
Sample Date				5-Sep-18	7-Sep-18	7-Sep-18	7-Sep-18	7-Sep-18	18-Feb-19	18-Feb-19	19-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19
Sample ID				CNL-B107-S	CNL-B108-S	CNL-B109-S	CNL-B110-S	CNL-B111-S	CNL-B112-S	CNL-B113-S	CNL-B114-S	CNL-B115-S	CNL-B117-S	CNL-B118-S	CNL-BDUP-S (VOCs)	CNL-B119-S
Sample Depth				0.3 - 2 ft	3 - 3.6 ft	5 - 5.5 ft	2 - 3.5 ft	3 - 4 ft	6 - 6.6 ft	9.5 - 10 ft	5.9 - 6.6 ft	9 - 11 ft	5.4 - 5.9 ft	3.2 - 3.7 ft	3.2 - 3.7 ft	4.5 - 5 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-141294-1	480-141438-1	480-141438-1	480-141438-1	480-141438-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1
Laboratory Sample ID				480-141294-1	480-141438-1	480-141438-2	480-141438-3	480-141438-4	480-149215-1	480-149215-2	480-149215-3	480-149425-1	480-149425-2	480-149425-8	480-149425-7	480-149425-3
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51												Field Duplicate	
Semi-Volatile Organic Compounds - TCLP																
Cresol, m- (Methylphenol, 3-)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Cresol, o- (Methylphenol, 2-)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Cresol, p- (Methylphenol, 4-)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobenzene, 1,4-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Dinitrotoluene, 2,4-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/L	n/v	15[O]	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyridine	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorophenol, 2,4,5-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorophenol, 2,4,6-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds																
Acetone	µg/kg	50[AC] 100,000[B]	n/v	29 U vs	28 vs	30	27 U vs	28 U vs	28 U vs	29 U vs	28 U vs	15,000 U	6,000 U	28 U vs	28 U vsF1	1,200 U
Benzene	µg/kg	60[AC] 4,800[B]	60[EF]	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Bromodichloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Bromoform (Tribromomethane)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Bromomethane (Methyl bromide)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Butylbenzene, n-	µg/kg	12,000[AC] 100,000[B]	12,000[EF]	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	11,000 F1	1,700	5.6 U vs	5.7 U vs	250 U
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11,000[AC] 100,000[B]	11,000[EF]	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Butylbenzene, tert-	µg/kg	5,900[AC] 100,000[B]	5,900[EF]	5.8 U vsF1	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Carbon Disulfide	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760[AC] 2,400[B]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Chlorobenzene (Monochlorobenzene)	µg/kg	1,100[AC] 100,000[B]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Chlorobromomethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane (Ethyl Chloride)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.8 U vsF1	5.6 U F1vs	5.5 U	5.4 U vs	5.6 U vsF1	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Chloroform (Trichloromethane)	µg/kg	370[AC] 49,000[B]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Chloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Cyclohexane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U F1	1,200 U	5.6 U vs	5.7 U vs	250 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 UJ	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 UJ	250 U
Dibromochloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Dichlorobenzene, 1,2-	µg/kg	1,100[AC] 100,000[B]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Dichlorobenzene, 1,3-	µg/kg	2,400[AC] 49,000[B]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Dichlorobenzene, 1,4-	µg/kg	1,800[AC] 13,000[B]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Dichlorodifluoromethane (Freon 12)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Dichloroethane, 1,1-	µg/kg	270[AC] 26,000[B]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Dichloroethane, 1,2-	µg/kg	20[m][A] 3,100[B] 20[C]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Dichloroethene, 1,1-	µg/kg	330[AC] 100,000[B]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Dichloroethene, cis-1,2-	µg/kg	250[AC] 100,000[B]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Dichloroethene, trans-1,2-	µg/kg	190[AC] 100,000[B]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Dichloropropane, 1,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Dichloropropene, cis-1,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Dichloropropene, trans-1,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Ethylbenzene	µg/kg	1,000[AC] 41,000[B]	1,000[EF]	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	**5,900 J-[ACEF]**	1,200 U	5.6 U vs	5.7 U vs	250 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	29 U vs	28 U vs	28 U	27 U vs	28 U vs	28 U vs	29 U vs	28 U vs	15,000 U F2	6,000 U	28 U vs	28 U vs	1,200 U
Isopropylbenzene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	2,300[EF]	5.8 U vsF1	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Isopropyltoluene, p- (Cymene)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	10,000[EF]	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Methyl Acetate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	29 U vs	28 U vs	28 U	27 U vs	28 U vs	28 U vs	29 U vs	28 U vs	15,000 U F1	6,000 U	28 U vs	28 U vs	1,200 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	120[AC] 100,000[B]	n/v	29 U vs	28 U vs	28 U	27 U vs	28 UJ	28 U vs	29 U vs	28 U vs	15,000 U	6,000 U	28 U vs	28 U vsF1	1,200 U
Methyl Isobutyl Ketone (MIBK)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	29 U vs	28 U vs	28 U	27 U vs	28 U vsF1	28 U vs	29 U vs	28 U vs	15,000 U	6,000 U	28 U vs	28 U vsF1	1,200 U
Methyl tert-butyl ether (MTBE)	µg/kg	930[AC] 100,000[B]	930[E]	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Methylcyclohexane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U F1	2,800	5.6 U vs	5.7 U vs	250 U
Methylene Chloride (Dichloromethane)	µg/kg	50[AC] 100,000[B]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	6.3 vs	6.3 vs	5.6 vs	3,000 U	1,200 U	5.6 U	5.7 U	250 U
Naphthalene	µg/kg	12,000[AC] 100,000[B]	12,000[EF]	-	-	-	-	-	5.6 U vs	5.7 U vs	5.6 U vs	**14,000[ACEF]**	1,300	54 J	36 J	880
Propylbenzene, n-	µg/kg	3,900[AC] 100,000[B]	3,900[EF]	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	**6,200[ACEF]**	1,300	5.6 U vs	10 vs	250 U
Styrene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Tetrachloroethane, 1,1,2,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 UJ	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U F1	1,200 U	5.6 U vs	5.7 UJ	250 U
Tetrachloroethene (PCE)	µg/kg	1,300[AC] 19,000[B]	n/v	20 vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Toluene	µg/kg	700[AC] 100,000[B]	700[EF]	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U F1	1,200 U	5.6 U vs	5.7 U vs	250 U
Trichlorobenzene, 1,2,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobenzene, 1,2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.8 UJ	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Trichloroethane, 1,1,1-	µg/kg	680[AC] 100,000[B]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Trichloroethane, 1,1,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Trichloroethene (TCE)	µg/kg	470[AC] 21,000[B]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Trichlorofluoromethane (Freon 11)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Trichlorotrifluoroethane (Freon 113)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U	1,200 U	5.6 U vs	5.7 U vs	250 U
Trimethylbenzene, 1,2,4-	µg/kg	3,600[AC] 52,000[B]	3,600[EF]	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	**87,000[ABCEF]**	**7,300[ACEF]**	5.6 U vs	5.7 U vs	250 U
Trimethylbenzene, 1,3,5-	µg/kg	8,400[AC] 52,000[B]	8,400[EF]	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	**28,000[ACEF]**	1,900	5.6 U vs	5.7 U vs	250 U

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				B/MW-107	B-108	B-109	B/MW-110	B/MW-111	B/MW-112	B/MW-113	B/MW-114	B-115	B-117	B-118		B-119
Sample Date				5-Sep-18	7-Sep-18	7-Sep-18	7-Sep-18	7-Sep-18	18-Feb-19	18-Feb-19	19-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19
Sample ID				CNL-B107-S	CNL-B108-S	CNL-B109-S	CNL-B110-S	CNL-B111-S	CNL-B112-S	CNL-B113-S	CNL-B114-S	CNL-B115-S	CNL-B117-S	CNL-B118-S	CNL-BDUP-S (VOCs)	CNL-B119-S
Sample Depth				0.3 - 2 ft	3 - 3.6 ft	5 - 5.5 ft	2 - 3.5 ft	3 - 4 ft	6 - 6.6 ft	9.5 - 10 ft	5.9 - 6.6 ft	9 - 11 ft	5.4 - 5.9 ft	3.2 - 3.7 ft	3.2 - 3.7 ft	4.5 - 5 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-141294-1	480-141438-1	480-141438-1	480-141438-1	480-141438-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1
Laboratory Sample ID				480-141294-1	480-141438-1	480-141438-2	480-141438-3	480-141438-4	480-149215-1	480-149215-2	480-149215-3	480-149425-1	480-149425-2	480-149425-8	480-149425-7	480-149425-3
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51												Field Duplicate	
Vinyl Chloride	µg/kg	20[AC] 900[B]	n/v	5.8 U vs	5.6 U vs	5.5 U	5.4 U vs	5.6 U vs	5.6 U vs	5.7 U vs	5.6 U vs	3,000 U F2	1,200 U	5.6 U vs	5.7 U vs	250 U
Xylene, m & p-	µg/kg	260[A] 100,000[B] 1,600[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene, o-	µg/kg	260[A] 100,000[B] 1,600[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes, Total	µg/kg	260[A] 100,000[B] 1,600[C]	260[EF]	12 U vs	11 U vs	11 U	11 U vs	11 U vs	11 U vs	11 U vs	11 U vs	**49,000**[ACEF]	2,400 U	11 U vs	11 U vs	500 U
Total VOC	µg/kg	n/v	n/v	20	28	30	ND	ND	6.3	6.3	5.6	152,100	16,300	70	46	880
VOC TICs																
Total VOC TICs	µg/kg	n/v	n/v	ND	ND	56.4 TJN	ND	ND	387.9 TJN	379.6 TJN	378.3 TJN	282,000 TJN	79,600 TJN	86.8 TJN	176.9 TJN	13,300 TJN

See notes on last page.

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				B/MW-107	B-108	B-109	B/MW-110	B/MW-111	B/MW-112	B/MW-113	B/MW-114	B-115	B-117	B-118		B-119
Sample Date				5-Sep-18	7-Sep-18	7-Sep-18	7-Sep-18	7-Sep-18	18-Feb-19	18-Feb-19	19-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19
Sample ID				CNL-B107-S	CNL-B108-S	CNL-B109-S	CNL-B110-S	CNL-B111-S	CNL-B112-S	CNL-B113-S	CNL-B114-S	CNL-B115-S	CNL-B117-S	CNL-B118-S	CNL-BDUP-S (VOCs)	CNL-B119-S
Sample Depth				0.3 - 2 ft	3 - 3.6 ft	5 - 5.5 ft	2 - 3.5 ft	3 - 4 ft	6 - 6.6 ft	9.5 - 10 ft	5.9 - 6.6 ft	9 - 11 ft	5.4 - 5.9 ft	3.2 - 3.7 ft	3.2 - 3.7 ft	4.5 - 5 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-141294-1	480-141438-1	480-141438-1	480-141438-1	480-141438-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1
Laboratory Sample ID				480-141294-1	480-141438-1	480-141438-2	480-141438-3	480-141438-4	480-149215-1	480-149215-2	480-149215-3	480-149425-1	480-149425-2	480-149425-8	480-149425-7	480-149425-3
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51												Field Duplicate	
Volatile Organic Compounds - TCLP																
Benzene	mg/L	n/v	0.06[EF]	-	-	-	-	-	-	-	-	-	-	0.010 U	-	-
Carbon Tetrachloride (Tetrachloromethane)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	0.010 U	-	-
Chlorobenzene (Monochlorobenzene)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	0.010 U	-	-
Chloroform (Trichloromethane)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	0.010 U	-	-
Dichloroethane, 1,2-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	0.010 U	-	-
Dichloroethene, 1,1-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	0.010 U	-	-
Methyl Ethyl Ketone (MEK) (2-Butanone)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	0.050 U	-	-
Tetrachloroethene (PCE)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	0.010 U	-	-
Trichloroethene (TCE)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	0.010 U	-	-
Vinyl Chloride	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	0.010 U	-	-

See notes on last page.

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				B-120					B-122/B-125	B-123	B-125	B-126	B-127	
Sample Date				21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19
Sample ID				CNL-B120-S (SVOCs)	CNL-BDUP-S (SVOCs)	CNL-B120-S (VOCs)	CNL-B120-S (Metals)	CNL-BDUP-S (Metals)	CNL-B122-B125-S	CNL-B123-S	CNL-B125-S	CNL-B126-S	CNL-B127-S	CNL-B127-S (VOCs)
Sample Depth				3.5 - 3.7 ft	3.5 - 3.7 ft	3.7 - 4 ft	4 - 4.5 ft	4 - 4.5 ft	2 - 4 ft	2 - 3 ft	4.2 - 4.4 ft	1 - 4 ft	2.5 - 3 ft	4.2 - 4.5 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1
Laboratory Sample ID				480-149425-4	480-149425-7	480-149425-4	480-149425-4	480-149425-7	480-149425-11	480-149425-5	480-149425-10	480-149425-13	480-149425-6	480-149425-6
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51		Field Duplicate			Field Duplicate						
General Chemistry														
Cyanide	mg/kg	27[AB] 40[C]	n/v	-	-	-	-	-	-	-	-	-	-	-
Cyanide (Reactive)	mg/kg	n/v	n/v	-	-	-	-	-	-	-	9.3 U	9.4 U	-	-
Flashpoint	deg F	n/v	n/v	-	-	-	-	-	-	-	> 176	-	-	-
pH, lab	S.U.	n/v	n/v	-	-	-	-	-	-	-	8.7 HF	-	-	-
Sulfide (Reactive)	mg/kg	n/v	n/v	-	-	-	-	-	-	-	9.3 U	9.4 U	-	-
Temperature, Lab	deg C	n/v	n/v	-	-	-	-	-	-	-	19.7 HF	-	-	-
Total Solids	%	n/v	n/v	-	-	-	-	-	-	-	82.8 B	88.8 B	-	-
Total Solids (Fixed)	%	n/v	n/v	-	-	-	-	-	-	-	98.7 B	99.4 B	-	-
Total Solids (Volatile)	%	n/v	n/v	-	-	-	-	-	-	-	1.3 B	0.61 B	-	-
Metals														
Aluminum	mg/kg	10,000$_e$[ABC]	n/v	-	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	10,000$_e$[ABC]	n/v	-	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	13$_n$[A] 16$_g$[BC]	n/v	-	-	-	2.3 U	2.3 U	-	2.5	-	-	2.4 U	-
Barium	mg/kg	350$_n$[A] 400[B] 820[C]	n/v	-	-	-	25.0	18.5	-	24.8	-	-	26.2	-
Beryllium	mg/kg	7.2[A] 72[B] 47[C]	n/v	-	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	2.5$_n$[A] 4.3[B] 7.5[C]	n/v	-	-	-	0.23 U	0.23 U	-	0.23 U	-	-	0.24 U	-
Calcium	mg/kg	10,000$_e$[ABC]	n/v	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	30$_{n,i}$[A] 180[B] $_{NS,q}$[C]	n/v	-	-	-	5.9	4.8	-	7.6	-	-	6.2	-
Cobalt	mg/kg	10,000$_e$[ABC]	n/v	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/kg	50[A] 270[B] 1,720[C]	n/v	-	-	-	-	-	-	-	-	-	-	-
Iron	mg/kg	10,000$_e$[ABC]	n/v	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	63$_n$[A] 400[B] 450[C]	n/v	-	-	-	2.9	2.5	-	5.5	-	-	4.9	-
Magnesium	mg/kg	10,000$_e$[ABC]	n/v	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	1,600$_n$[A] 2,000$_g$[BC]	n/v	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	0.18$_n$[A] 0.81$_k$[B] 0.73[C]	n/v	-	-	-	0.023 U	0.021 U	-	0.021 U	-	-	0.024 U	-
Nickel	mg/kg	30[A] 310[B] 130[C]	n/v	-	-	-	-	-	-	-	-	-	-	-
Potassium	mg/kg	10,000$_e$[ABC]	n/v	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	3.9$_n$[A] 180[B] 4$_q$[C]	n/v	-	-	-	4.5 U	4.6 U	-	4.6 U	-	-	4.8 U	-
Silver	mg/kg	2[A] 180[B] 8.3[C]	n/v	-	-	-	0.68 U	0.69 U	-	0.69 U	-	-	0.71 U	-
Sodium	mg/kg	10,000$_e$[ABC]	n/v	-	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	10,000$_e$[ABC]	n/v	-	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	10,000$_e$[ABC]	n/v	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	109$_n$[A] 10,000$_e$[B] 2,480[C]	n/v	-	-	-	-	-	-	-	-	-	-	-
Metals - TCLP														
Arsenic	mg/L	n/v	n/v	-	-	-	-	-	0.015 U	-	-	0.015 U	-	-
Barium	mg/L	n/v	n/v	-	-	-	-	-	1.0 U	-	-	1.0 U	-	-
Cadmium	mg/L	n/v	n/v	-	-	-	-	-	0.0020 U	-	-	0.0020 U	-	-
Chromium	mg/L	n/v	n/v	-	-	-	-	-	0.020 U	-	-	0.020 U	-	-
Lead	mg/L	n/v	n/v	-	-	-	-	-	0.020 U	-	-	0.020 U	-	-
Mercury	mg/L	n/v	n/v	-	-	-	-	-	0.00020 U	-	-	0.00020 U	-	-
Selenium	mg/L	n/v	n/v	-	-	-	-	-	0.025 U	-	-	0.025 U	-	-
Silver	mg/L	n/v	n/v	-	-	-	-	-	0.0060 U	-	-	0.0060 U	-	-
Polychlorinated Biphenyls														
Aroclor 1016	mg/kg	$_o$[ABC]	n/v	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1221	mg/kg	$_o$[ABC]	n/v	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1232	mg/kg	$_o$[ABC]	n/v	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1242	mg/kg	$_o$[ABC]	n/v	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1248	mg/kg	$_o$[ABC]	n/v	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1254	mg/kg	$_o$[ABC]	n/v	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1260	mg/kg	$_o$[ABC]	n/v	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls (PCBs)	mg/kg	0.1[A] 1[B] 3.2[C]	n/v	-	-	-	-	-	-	-	-	-	-	-
Pesticides														
Aldrin	µg/kg	5$_n$[A] 97[B] 190[C]	n/v	-	-	-	-	-	92 U	-	-	9.4 U	-	-
BHC, alpha-	µg/kg	20[AC] 480[B]	n/v	-	-	-	-	-	92 U F1	-	-	9.4 U	-	-
BHC, beta-	µg/kg	36[A] 360[B] 90[C]	n/v	-	-	-	-	-	92 U F1	-	-	9.4 U	-	-
BHC, delta-	µg/kg	40$_n$[A] 100,000$_b$[B] 250[C]	n/v	-	-	-	-	-	92 U F2F1	-	-	9.4 U	-	-
Camphechlor (Toxaphene)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	920 U	-	-	94 U	-	-
Chlordane, alpha-	µg/kg	94[A] 4,200[B] 2,900[C]	n/v	-	-	-	-	-	92 U	-	-	9.4 U	-	-
Chlordane, trans- (gamma-Chlordane)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	92 U	-	-	9.4 U	-	-
DDD (p,p'-DDD)	µg/kg	3.3$_m$[A] 13,000[B] 14,000[C]	n/v	-	-	-	-	-	92 U F1	-	-	9.4 U	-	-
DDE (p,p'-DDE)	µg/kg	3.3$_m$[A] 8,900[B] 17,000[C]	n/v	-	-	-	-	-	92 U	-	-	9.4 U	-	-
DDT (p,p'-DDT)	µg/kg	3.3$_m$[A] 7,900[B] 136,000[C]	n/v	-	-	-	-	-	**1,100 F2[A]**	-	-	**32[A]**	-	-
Dieldrin	µg/kg	5$_n$[A] 200[B] 100[C]	n/v	-	-	-	-	-	92 U	-	-	9.4 U	-	-
Endosulfan I	µg/kg	2,400[A] 24,000$_h$[B] 102,000[C]	n/v	-	-	-	-	-	92 U F1	-	-	9.4 U	-	-
Endosulfan II	µg/kg	2,400[A] 24,000$_h$[B] 102,000[C]	n/v	-	-	-	-	-	92 U F1	-	-	9.4 U	-	-
Endosulfan Sulfate	µg/kg	2,400[A] 24,000$_h$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	92 U F1	-	-	9.4 U	-	-
Endrin	µg/kg	14[A] 11,000[B] 60[C]	n/v	-	-	-	-	-	92 U F1	-	-	9.4 U	-	-
Endrin Aldehyde	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	92 U F1	-	-	9.4 U	-	-
Endrin Ketone	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	92 U	-	-	9.4 U	-	-
Heptachlor	µg/kg	42[A] 2,100[B] 380[C]	n/v	-	-	-	-	-	92 U	-	-	9.4 U	-	-

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				B-120					B-122/B-125	B-123	B-125	B-126	B-127	
Sample Date				21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19
Sample ID				CNL-B120-S (SVOCs)	CNL-BDUP-S (SVOCs)	CNL-B120-S (VOCs)	CNL-B120-S (Metals)	CNL-BDUP-S (Metals)	CNL-B122-B125-S	CNL-B123-S	CNL-B125-S	CNL-B126-S	CNL-B127-S	CNL-B127-S (VOCs)
Sample Depth				3.5 - 3.7 ft	3.5 - 3.7 ft	3.7 - 4 ft	4 - 4.5 ft	4 - 4.5 ft	2 - 4 ft	2 - 3 ft	4.2 - 4.4 ft	1 - 4 ft	2.5 - 3 ft	4.2 - 4.5 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1
Laboratory Sample ID				480-149425-4	480-149425-7	480-149425-4	480-149425-4	480-149425-7	480-149425-11	480-149425-5	480-149425-10	480-149425-13	480-149425-6	480-149425-6
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51		Field Duplicate			Field Duplicate						
Heptachlor Epoxide	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	-	-	-	-	-	92 U	-	-	9.4 U	-	-
Lindane (Hexachlorocyclohexane, gamma)	µg/kg	100[AC] 1,300[B]	n/v	-	-	-	-	-	92 U F2F1	-	-	9.4 U	-	-
Methoxychlor (4,4'-Methoxychlor)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_g$[C]	n/v	-	-	-	-	-	92 U	-	-	9.4 U	-	-

See notes on last page.

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				B-120						B-123	B-125	B-126	B-127	
Sample Date				21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19
Sample ID				CNL-B120-S (SVOCs)	CNL-BDUP-S (SVOCs)	CNL-B120-S (VOCs)	CNL-B120-S (Metals)	CNL-BDUP-S (Metals)	CNL-B122-B125-S	CNL-B123-S	CNL-B125-S	CNL-B126-S	CNL-B127-S	CNL-B127-S (VOCs)
Sample Depth				3.5 - 3.7 ft	3.5 - 3.7 ft	3.7 - 4 ft	4 - 4.5 ft	4 - 4.5 ft	2 - 4 ft	2 - 3 ft	4.2 - 4.4 ft	1 - 4 ft	2.5 - 3 ft	4.2 - 4.5 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1
Laboratory Sample ID				480-149425-4	480-149425-7	480-149425-4	480-149425-4	480-149425-7	480-149425-11	480-149425-5	480-149425-10	480-149425-13	480-149425-6	480-149425-6
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51		Field Duplicate			Field Duplicate						
Polycyclic Aromatic Hydrocarbons														
Acenaphthene	µg/kg	20,000[A] 100,000[B] 98,000[C]	20,000[F]	5,700 J	190 UJ	-	-	-	-	1,600	-	-	4,500	-
Acenaphthylene	µg/kg	100,000[A] 100,000[B] 107,000[C]	100,000[F]	3,400 J	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Anthracene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	100,000[F]	24,000 J	270 J	-	-	-	-	6,500	-	-	12,000	-
Benzo(a)anthracene	µg/kg	1,000[A] 1,000[BC]	1,000[F]	**23,000 J[ABCF]**	190 UJ	-	-	-	-	**6,400[ABCF]**	-	-	**12,000[ABCF]**	-
Benzo(a)pyrene	µg/kg	1,000[A] 1,000[B] 22,000[C]	1,000[F]	**18,000 J[ABF]**	190 UJ	-	-	-	-	**4,800[ABF]**	-	-	**8,700[ABF]**	-
Benzo(b)fluoranthene	µg/kg	1,000[A] 1,000[B] 1,700[C]	1,000[F]	**20,000 J[ABCF]**	190 UJ	-	-	-	-	**6,600[ABCF]**	-	-	**10,000[ABCF]**	-
Benzo(g,h,i)perylene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	100,000[F]	12,000 J	190 UJ	-	-	-	-	3,300	-	-	6,400	-
Benzo(k)fluoranthene	µg/kg	800[A] 3,900[B] 1,700[C]	800[F]	**12,000 J[ABCF]**	190 UJ	-	-	-	-	**2,600[ACF]**	-	-	**6,200[ABCF]**	-
Chrysene	µg/kg	1,000[A] 3,900[B] 1,000[C]	1,000[F]	**21,000 J[ABCF]**	190 UJ	-	-	-	-	**6,200[ABCF]**	-	-	**10,000[ABCF]**	-
Dibenzo(a,h)anthracene	µg/kg	330[A] 330[B] 1,000,000[C]	330[F]	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Fluoranthene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	100,000[F]	67,000 J	380 J	-	-	-	-	19,000	-	-	33,000	-
Fluorene	µg/kg	30,000[A] 100,000[B] 386,000[C]	30,000[F]	13,000 J	190 UJ	-	-	-	-	2,100	-	-	4,500	-
Indeno(1,2,3-cd)pyrene	µg/kg	500[A] 500[B] 8,200[C]	500[F]	**11,000 J[ABCF]**	190 UJ	-	-	-	-	**3,300[ABF]**	-	-	**6,000[ABF]**	-
Naphthalene	µg/kg	12,000[AC] 100,000[B]	12,000[EF]	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	**22,000[ACEF]**	-
Phenanthrene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	100,000[F]	**110,000 J[ABF]**	580 J	-	-	-	-	27,000	-	-	54,000	-
Pyrene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	100,000[F]	46,000 J	300 J	-	-	-	-	14,000	-	-	23,000	-
Total PAH	µg/kg	n/v	n/v	386,100	1,530	-	-	-	-	103,400	-	-	212,300	-
Semi-Volatile Organic Compounds														
Acetophenone	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Atrazine	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Benzaldehyde	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Biphenyl	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	2,600	-
Bis(2-Chloroethoxy)methane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Bis(2-Chloroethyl)ether	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Bromophenyl Phenyl Ether, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Butyl Benzyl Phthalate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Caprolactam	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Carbazole	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	12,000 J	190 UJ	-	-	-	-	3,500	-	-	6,000	-
Chloro-3-methyl phenol, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Chloroaniline, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Chloronaphthalene, 2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Chlorophenyl Phenyl Ether, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Cresol, o- (Methylphenol, 2-)	µg/kg	330[A] 100,000[B] 330[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Cresol, p- (Methylphenol, 4-)	µg/kg	330[A] 100,000[B] 330[C]	n/v	3,600 UJ	370 UJ	-	-	-	-	1,900 U	-	-	1,900 U	-
Dibenzofuran	µg/kg	7,000[A] 59,000[B] 210,000[C]	n/v	**15,000 J[A]**	190 UJ	-	-	-	-	4,500	-	-	**11,000[A]**	-
Dibutyl Phthalate (DBP)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Dichlorobenzidine, 3,3'-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	3,600 UJ	370 UJ	-	-	-	-	1,900 U	-	-	1,900 U	-
Dichlorophenol, 2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Diethyl Phthalate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Dimethyl Phthalate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Dimethylphenol, 2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Dinitro-o-cresol, 4,6-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	3,600 UJ	370 UJ	-	-	-	-	1,900 U	-	-	1,900 U	-
Dinitrophenol, 2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	18,000 UJ	1,900 UJ	-	-	-	-	9,400 U	-	-	9,600 U	-
Dinitrotoluene, 2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Dinitrotoluene, 2,6-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Di-n-Octyl phthalate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Hexachlorobenzene	µg/kg	330[A] 1,200[B] 3,200[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Hexachlorocyclopentadiene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Hexachloroethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Isophorone	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Methylnaphthalene, 2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	1,400	-	-	8,900	-
Nitroaniline, 2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	3,600 UJ	370 UJ	-	-	-	-	1,900 U	-	-	1,900 U	-
Nitroaniline, 3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	3,600 UJ	370 UJ	-	-	-	-	1,900 U	-	-	1,900 U	-
Nitroaniline, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	3,600 UJ	370 UJ	-	-	-	-	1,900 U	-	-	1,900 U	-
Nitrobenzene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	15,000[D]	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Nitrophenol, 2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Nitrophenol, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	3,600 UJ	370 UJ	-	-	-	-	1,900 U	-	-	1,900 U	-
N-Nitrosodi-n-Propylamine	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
n-Nitrosodiphenylamine	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Pentachlorophenol	µg/kg	800[A] 6,700[B] 800[C]	n/v	3,600 UJ	370 UJ	-	-	-	-	1,900 U	-	-	1,900 U	-
Phenol	µg/kg	330[A] 100,000[B] 330[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Trichlorophenol, 2,4,5-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-
Trichlorophenol, 2,4,6-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1,900 UJ	190 UJ	-	-	-	-	960 U	-	-	990 U	-

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				B-120					B-122/B-125	B-123	B-125	B-126	B-127	
Sample Date				21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19
Sample ID				CNL-B120-S (SVOCs)	CNL-BDUP-S (SVOCs)	CNL-B120-S (VOCs)	CNL-B120-S (Metals)	CNL-BDUP-S (Metals)	CNL-B122-B125-S	CNL-B123-S	CNL-B125-S	CNL-B126-S	CNL-B127-S	CNL-B127-S (VOCs)
Sample Depth				3.5 - 3.7 ft	3.5 - 3.7 ft	3.7 - 4 ft	4 - 4.5 ft	4 - 4.5 ft	2 - 4 ft	2 - 3 ft	4.2 - 4.4 ft	1 - 4 ft	2.5 - 3 ft	4.2 - 4.5 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1
Laboratory Sample ID				480-149425-4	480-149425-7	480-149425-4	480-149425-4	480-149425-7	480-149425-11	480-149425-5	480-149425-10	480-149425-13	480-149425-6	480-149425-6
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51		Field Duplicate			Field Duplicate						
Total SVOC	µg/kg	n/v	n/v	27,000	ND	-	-	-	-	9,400	-	-	28,500	-
SVOC TICs														
Total SVOC TICs	µg/kg	n/v	n/v	116,900 TJN	7,680 TJN	-	-	-	-	41,000 TJN	-	-	81,500 TJN	-

See notes on last page.

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				B-120					B-122/B-125	B-123	B-125	B-126	B-127	
Sample Date				21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19
Sample ID				CNL-B120-S (SVOCs)	CNL-BDUP-S (SVOCs)	CNL-B120-S (VOCs)	CNL-B120-S (Metals)	CNL-BDUP-S (Metals)	CNL-B122-B125-S	CNL-B123-S	CNL-B125-S	CNL-B126-S	CNL-B127-S	CNL-B127-S (VOCs)
Sample Depth				3.5 - 3.7 ft	3.5 - 3.7 ft	3.7 - 4 ft	4 - 4.5 ft	4 - 4.5 ft	2 - 4 ft	2 - 3 ft	4.2 - 4.4 ft	1 - 4 ft	2.5 - 3 ft	4.2 - 4.5 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1
Laboratory Sample ID				480-149425-4	480-149425-7	480-149425-4	480-149425-4	480-149425-7	480-149425-11	480-149425-5	480-149425-10	480-149425-13	480-149425-6	480-149425-6
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51		Field Duplicate			Field Duplicate						
Semi-Volatile Organic Compounds - TCLP														
Cresol, m- (Methylphenol, 3-)	mg/L	n/v	n/v	-	-	-	-	-	0.040 U	-	-	0.040 U	-	-
Cresol, o- (Methylphenol, 2-)	mg/L	n/v	n/v	-	-	-	-	-	0.020 U	-	-	0.020 U	-	-
Cresol, p- (Methylphenol, 4-)	mg/L	n/v	n/v	-	-	-	-	-	0.040 U	-	-	0.040 U	-	-
Dichlorobenzene, 1,4-	mg/L	n/v	n/v	-	-	-	-	-	0.040 U	-	-	0.040 U	-	-
Dinitrotoluene, 2,4-	mg/L	n/v	n/v	-	-	-	-	-	0.020 U	-	-	0.020 U	-	-
Hexachlorobenzene	mg/L	n/v	n/v	-	-	-	-	-	0.020 U	-	-	0.020 U	-	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	mg/L	n/v	n/v	-	-	-	-	-	0.020 U	-	-	0.020 U	-	-
Hexachloroethane	mg/L	n/v	n/v	-	-	-	-	-	0.020 U	-	-	0.020 U	-	-
Nitrobenzene	mg/L	n/v	15[O]	-	-	-	-	-	0.020 U	-	-	0.020 U	-	-
Pentachlorophenol	mg/L	n/v	n/v	-	-	-	-	-	0.040 U	-	-	0.040 U	-	-
Pyridine	mg/L	n/v	n/v	-	-	-	-	-	0.10 U	-	-	0.10 U	-	-
Trichlorophenol, 2,4,5-	mg/L	n/v	n/v	-	-	-	-	-	0.020 U	-	-	0.020 U	-	-
Trichlorophenol, 2,4,6-	mg/L	n/v	n/v	-	-	-	-	-	0.020 U	-	-	0.020 U	-	-
Volatile Organic Compounds														
Acetone	µg/kg	50[AC] 100,000[B]	n/v	-	-	28 U vs	-	-	-	29 U vs	-	-	-	6,300 U
Benzene	µg/kg	60[AC] 4,800[B]	60[EF]	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Bromodichloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Bromoform (Tribromomethane)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Bromomethane (Methyl bromide)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Butylbenzene, n-	µg/kg	12,000[AC] 100,000[B]	12,000[EF]	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11,000[AC] 100,000[B]	11,000[EF]	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Butylbenzene, tert-	µg/kg	5,900[AC] 100,000[B]	5,900[EF]	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Carbon Disulfide	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760[AC] 2,400[B]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Chlorobenzene (Monochlorobenzene)	µg/kg	1,100[AC] 100,000[B]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Chlorobromomethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-
Chloroethane (Ethyl Chloride)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Chloroform (Trichloromethane)	µg/kg	370[AC] 49,000[B]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Chloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Cyclohexane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Dibromochloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Dichlorobenzene, 1,2-	µg/kg	1,100[AC] 100,000[B]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Dichlorobenzene, 1,3-	µg/kg	2,400[AC] 49,000[B]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Dichlorobenzene, 1,4-	µg/kg	1,800[AC] 13,000[B]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Dichlorodifluoromethane (Freon 12)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Dichloroethane, 1,1-	µg/kg	270[AC] 26,000[B]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Dichloroethane, 1,2-	µg/kg	20[m,A] 3,100[B] 20[q,C]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Dichloroethene, 1,1-	µg/kg	330[AC] 100,000[B]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Dichloroethene, cis-1,2-	µg/kg	250[AC] 100,000[B]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Dichloroethene, trans-1,2-	µg/kg	190[AC] 100,000[B]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Dichloropropane, 1,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Dichloropropene, cis-1,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Dichloropropene, trans-1,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Ethylbenzene	µg/kg	1,000[AC] 41,000[B]	1,000[EF]	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	28 U vs	-	-	-	29 U vs	-	-	-	6,300 U
Isopropylbenzene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	2,300[EF]	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Isopropyltoluene, p- (Cymene)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	10,000[EF]	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Methyl Acetate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	28 U vs	-	-	-	29 U vs	-	-	-	6,300 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	120[AC] 100,000[B]	n/v	-	-	28 U vs	-	-	-	29 U vs	-	-	-	6,300 U
Methyl Isobutyl Ketone (MIBK)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	28 U vs	-	-	-	29 U vs	-	-	-	6,300 U
Methyl tert-butyl ether (MTBE)	µg/kg	930[AC] 100,000[B]	930[E]	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Methylcyclohexane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Methylene Chloride (Dichloromethane)	µg/kg	50[AC] 100,000[B]	n/v	-	-	5.6 U	-	-	-	5.7 U	-	-	-	1,300 U
Naphthalene	µg/kg	12,000[AC] 100,000[B]	12,000[EF]	-	-	5.6 U vs	-	-	-	46 vs	-	-	-	4,100
Propylbenzene, n-	µg/kg	3,900[AC] 100,000[B]	3,900[EF]	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Styrene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Tetrachloroethane, 1,1,2,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Tetrachloroethene (PCE)	µg/kg	1,300[AC] 19,000[B]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Toluene	µg/kg	700[AC] 100,000[B]	700[EF]	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Trichlorobenzene, 1,2,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-
Trichlorobenzene, 1,2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Trichloroethane, 1,1,1-	µg/kg	680[AC] 100,000[B]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Trichloroethane, 1,1,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Trichloroethene (TCE)	µg/kg	470[AC] 21,000[B]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Trichlorofluoromethane (Freon 11)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Trichlorotrifluoroethane (Freon 113)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Trimethylbenzene, 1,2,4-	µg/kg	3,600[AC] 52,000[B]	3,600[EF]	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Trimethylbenzene, 1,3,5-	µg/kg	8,400[AC] 52,000[B]	8,400[EF]	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location						B-120			B-122/B-125	B-123	B-125	B-126	B-127	
Sample Date				21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19
Sample ID				CNL-B120-S (SVOCs)	CNL-BDUP-S (SVOCs)	CNL-B120-S (VOCs)	CNL-B120-S (Metals)	CNL-BDUP-S (Metals)	CNL-B122-B125-S	CNL-B123-S	CNL-B125-S	CNL-B126-S	CNL-B127-S	CNL-B127-S (VOCs)
Sample Depth				3.5 - 3.7 ft	3.5 - 3.7 ft	3.7 - 4 ft	4 - 4.5 ft	4 - 4.5 ft	2 - 4 ft	2 - 3 ft	4.2 - 4.4 ft	1 - 4 ft	2.5 - 3 ft	4.2 - 4.5 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1
Laboratory Sample ID				480-149425-4	480-149425-7	480-149425-4	480-149425-4	480-149425-7	480-149425-11	480-149425-5	480-149425-10	480-149425-13	480-149425-6	480-149425-6
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51		Field Duplicate			Field Duplicate						
Vinyl Chloride	µg/kg	20[AC] 900[B]	n/v	-	-	5.6 U vs	-	-	-	5.7 U vs	-	-	-	1,300 U
Xylene, m & p-	µg/kg	260[A] 100,000[B] 1,600[C]	n/v	-	-	-	-	-	-	-	-	-	-	-
Xylene, o-	µg/kg	260[A] 100,000[B] 1,600[C]	n/v	-	-	-	-	-	-	-	-	-	-	-
Xylenes, Total	µg/kg	260[A] 100,000[B] 1,600[C]	260[EF]	-	-	11 U vs	-	-	-	11 U vs	-	-	-	2,500 U
Total VOC	µg/kg	n/v	n/v	-	-	ND	-	-	-	46	-	-	-	4,100
VOC TICs														
Total VOC TICs	µg/kg	n/v	n/v	-	-	ND	-	-	-	39 TJN	-	-	-	11,100 TJN

See notes on last page.

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				B-120					B-122/B-125	B-123	B-125	B-126	B-127	
Sample Date				21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19
Sample ID				CNL-B120-S (SVOCs)	CNL-BDUP-S (SVOCs)	CNL-B120-S (VOCs)	CNL-B120-S (Metals)	CNL-BDUP-S (Metals)	CNL-B122-B125-S	CNL-B123-S	CNL-B125-S	CNL-B126-S	CNL-B127-S	CNL-B127-S (VOCs)
Sample Depth				3.5 - 3.7 ft	3.5 - 3.7 ft	3.7 - 4 ft	4 - 4.5 ft	4 - 4.5 ft	2 - 4 ft	2 - 3 ft	4.2 - 4.4 ft	1 - 4 ft	2.5 - 3 ft	4.2 - 4.5 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1
Laboratory Sample ID				480-149425-4	480-149425-7	480-149425-4	480-149425-4	480-149425-7	480-149425-11	480-149425-5	480-149425-10	480-149425-13	480-149425-6	480-149425-6
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51		Field Duplicate			Field Duplicate						
Volatile Organic Compounds - TCLP														
Benzene	mg/L	n/v	0.06[EF]	-	-	-	-	-	-	-	0.010 U	-	-	-
Carbon Tetrachloride (Tetrachloromethane)	mg/L	n/v	n/v	-	-	-	-	-	-	-	0.010 U	-	-	-
Chlorobenzene (Monochlorobenzene)	mg/L	n/v	n/v	-	-	-	-	-	-	-	0.010 U	-	-	-
Chloroform (Trichloromethane)	mg/L	n/v	n/v	-	-	-	-	-	-	-	0.010 U	-	-	-
Dichloroethane, 1,2-	mg/L	n/v	n/v	-	-	-	-	-	-	-	0.010 U	-	-	-
Dichloroethene, 1,1-	mg/L	n/v	n/v	-	-	-	-	-	-	-	0.010 U	-	-	-
Methyl Ethyl Ketone (MEK) (2-Butanone)	mg/L	n/v	n/v	-	-	-	-	-	-	-	0.050 U	-	-	-
Tetrachloroethene (PCE)	mg/L	n/v	n/v	-	-	-	-	-	-	-	0.010 U	-	-	-
Trichloroethene (TCE)	mg/L	n/v	n/v	-	-	-	-	-	-	-	0.010 U	-	-	-
Vinyl Chloride	mg/L	n/v	n/v	-	-	-	-	-	-	-	0.010 U	-	-	-

See notes on last page.

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				SS-1		TP-1		TP-2		TP-3	TP-4	TP-5
Sample Date				22-Apr-19	22-Apr-19	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18
Sample ID				CNL-SS1-SS	CNL-SS1-SS-DUP	CNL-TP1-S	CNL-TP1-S	CNL-TP2-S	CNL-TP2-S	CNL-TP3-S	CNL-TP4-S	CNL-TP5-S
Sample Depth				0 - 4 in	0 - 4 in	6 ft	6 ft	7.2 ft	7.2 ft	2 ft	4 ft	4 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-152402-1	480-152402-1	480-140994-1	480-141385-1	480-140994-1	480-141385-1	480-140994-1	480-140994-1	480-140994-1
Laboratory Sample ID				480-152402-1	480-152402-2	480-140994-1	480-141385-1	480-140994-2	480-141385-2	480-140994-3	480-140994-4	480-140994-6
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51		Field Duplicate							
General Chemistry												
Cyanide	mg/kg	27$_{m}^{AB}$ 40$_{g}^{C}$	n/v	-	-	-	-	-	-	1.1 U	1.1	-
Cyanide (Reactive)	mg/kg	n/v	n/v	-	-	-	-	-	-	-	-	-
Flashpoint	deg F	n/v	n/v	-	-	-	-	-	-	-	-	-
pH, lab	S.U.	n/v	n/v	-	-	-	-	-	-	-	-	-
Sulfide (Reactive)	mg/kg	n/v	n/v	-	-	-	-	-	-	-	-	-
Temperature, Lab	deg C	n/v	n/v	-	-	-	-	-	-	-	-	-
Total Solids	%	n/v	n/v	-	-	-	-	-	-	-	-	-
Total Solids (Fixed)	%	n/v	n/v	-	-	-	-	-	-	-	-	-
Total Solids (Volatile)	%	n/v	n/v	-	-	-	-	-	-	-	-	-
Metals												
Aluminum	mg/kg	10,000$_{e}^{ABC}$	n/v	4,340 J	5,230	-	4,930	-	5,670 J	**10,200^{ABC}**	8,020 J	-
Antimony	mg/kg	10,000$_{e}^{ABC}$	n/v	30.2 U	21.5 U	-	16.6 U	-	16.7 UJ	18.2 U	17.5 UJ	-
Arsenic	mg/kg	13$_{n}^{A}$ 16$_{g}^{BC}$	n/v	9.7	8.5	-	3.0	-	2.4	7.1	7.4	-
Barium	mg/kg	350$_{m}^{A}$ 400^{B} 820^{C}	n/v	345 F2	289	-	37.1	-	21.9	**567^{AB}**	128 J	-
Beryllium	mg/kg	7.2^{A} 72^{B} 47^{C}	n/v	0.40 U	0.39	-	0.26	-	0.26	0.68	0.37	-
Cadmium	mg/kg	2.5$_{n}^{A}$ 4.3^{B} 7.5^{C}	n/v	**3.7^{A}**	**3.8^{A}**	-	0.22 U	-	0.22 U	0.24 U	0.82	-
Calcium	mg/kg	10,000$_{e}^{ABC}$	n/v	**39,000 F2^{ABC}**	**31,600^{ABC}**	-	**94,300^{ABC}**	-	**19,800 F2^{ABC}**	2,690	**37,100 F2^{ABC}**	-
Chromium	mg/kg	30$_{n,I}^{A}$ 180$_{NS,q}^{B}$ ^{C}	n/v	**91.3^{A}**	**56.3^{A}**	-	7.5	-	7.3	18.1	15.0	-
Cobalt	mg/kg	10,000$_{e}^{ABC}$	n/v	6.9	5.7	-	3.2	-	3.4	7.4	5.1	-
Copper	mg/kg	50^{A} 270^{B} 1,720^{C}	n/v	**108 J^{A}**	**251 J^{A}**	-	9.1	-	9.8	37.9	50.0 J	-
Iron	mg/kg	10,000$_{e}^{ABC}$	n/v	**44,200 F2^{ABC}**	**27,000^{ABC}**	-	8,640	-	**10,200^{ABC}**	**10,700^{ABC}**	**17,600 F2^{ABC}**	-
Lead	mg/kg	63$_{n}^{A}$ 400^{B} 450^{C}	n/v	**3,170 F2^{ABC}**	**2,530^{ABC}**	-	31.8	-	5.3	**823^{ABC}**	**329 F2^{A}**	-
Magnesium	mg/kg	10,000$_{e}^{ABC}$	n/v	9,150 J	**10,700^{ABC}**	-	**54,300^{ABC}**	-	4,620 J	1,990	**10,400 F2^{ABC}**	-
Manganese	mg/kg	1,600$_{n}^{A}$ 2,000$_{g}^{BC}$	n/v	432	391	-	415	-	225 F2	388 B	573 BF2	-
Mercury	mg/kg	0.18$_{n}^{A}$ 0.81$_{sk}^{B}$ 0.73^{C}	n/v	**1.5 J^{ABC}**	**0.68 J^{A}**	-	0.039	-	0.023 U	**0.48^{A}**	**0.45 J^{A}**	-
Nickel	mg/kg	30^{A} 310^{B} 130^{C}	n/v	22.2	25.8	-	6.9	-	8.0	14.0	11.2	-
Potassium	mg/kg	10,000$_{e}^{ABC}$	n/v	1,090 F1	905	-	1,450	-	1,430 J	831	1,360 J	-
Selenium	mg/kg	3.9$_{n}^{A}$ 180^{B} 4$_{q}^{C}$	n/v	8.0 U	5.7 U	-	4.4 U	-	4.5 U	4.9 U	4.7 U	-
Silver	mg/kg	2^{A} 180^{B} 8.3^{C}	n/v	2.0	**2.9^{A}**	-	0.67 U	-	0.67 U	0.73 U	0.70 U	-
Sodium	mg/kg	10,000$_{e}^{ABC}$	n/v	282 U	200 U	-	230	-	240	189	554	-
Thallium	mg/kg	10,000$_{e}^{ABC}$	n/v	12.1 U	8.6 U	-	6.7 U	-	6.7 U	7.3 U	7.0 U	-
Vanadium	mg/kg	10,000$_{e}^{ABC}$	n/v	30.5	37.0	-	15.1	-	14.3	25.2	18.1	-
Zinc	mg/kg	109$_{n}^{A}$ 10,000$_{e}^{B}$ 2,480^{C}	n/v	**731 F2^{A}**	**687^{A}**	-	42.6	-	20.5 J-	**717^{A}**	**257 J-^{A}**	-
Metals - TCLP												
Arsenic	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Barium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Chromium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Lead	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Mercury	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Selenium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Silver	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls												
Aroclor 1016	mg/kg	$_{o}^{ABC}$	n/v	0.39 U	0.26 U	-	-	-	-	0.26 U	0.29 U	-
Aroclor 1221	mg/kg	$_{o}^{ABC}$	n/v	0.39 U	0.26 U	-	-	-	-	0.26 U	0.29 U	-
Aroclor 1232	mg/kg	$_{o}^{ABC}$	n/v	0.39 U	0.26 U	-	-	-	-	0.26 U	0.29 U	-
Aroclor 1242	mg/kg	$_{o}^{ABC}$	n/v	0.39 U	0.26 U	-	-	-	-	0.26 U	0.29 U	-
Aroclor 1248	mg/kg	$_{o}^{ABC}$	n/v	0.39 U	0.26 U	-	-	-	-	0.26 U	0.29 U	-
Aroclor 1254	mg/kg	$_{o}^{ABC}$	n/v	0.39 U	0.26 U	-	-	-	-	0.26 U	0.29 U	-
Aroclor 1260	mg/kg	$_{o}^{ABC}$	n/v	0.39 U	0.28	-	-	-	-	0.26 U	0.29 U	-
Polychlorinated Biphenyls (PCBs)	mg/kg	0.1^{A} 1^{B} 3.2^{C}	n/v	ND	**0.28^{A}**	-	-	-	-	ND	ND	-
Pesticides												
Aldrin	µg/kg	5$_{n}^{A}$ 97^{B} 190^{C}	n/v	170 U	120 U	-	-	-	-	2.0 U	190 U	-
BHC, alpha-	µg/kg	20^{AC} 480^{B}	n/v	170 U F1F2	120 U	-	-	-	-	2.0 U	190 U	-
BHC, beta-	µg/kg	36^{A} 360^{B} 90^{C}	n/v	170 U F1	120 U	-	-	-	-	2.0 U	190 U	-
BHC, delta-	µg/kg	40$_{m}^{A}$ 100,000$_{b}^{B}$ 250^{C}	n/v	170 U F1	120 U	-	-	-	-	2.0 U	190 U	-
Camphechlor (Toxaphene)	µg/kg	100,000$_{g}^{A}$ 100,000$_{h}^{B}$ 1,000,000$_{d}^{C}$	n/v	1,700 U	1,200 U	-	-	-	-	20 U	1,900 U	-
Chlordane, alpha-	µg/kg	94^{A} 4,200^{B} 2,900^{C}	n/v	170 U	120 U	-	-	-	-	2.0 U	190 U	-
Chlordane, trans- (gamma-Chlordane)	µg/kg	100,000$_{g}^{A}$ 100,000$_{h}^{B}$ 1,000,000$_{d}^{C}$	n/v	170 U	120 U	-	-	-	-	2.0 U	190 U	-
DDD (p,p'-DDD)	µg/kg	3.3$_{m}^{A}$ 13,000^{B} 14,000^{C}	n/v	170 U F1	120 U	-	-	-	-	2.0 U	190 U	-
DDE (p,p'-DDE)	µg/kg	3.3$_{m}^{A}$ 8,900^{B} 17,000^{C}	n/v	170 U	120 U	-	-	-	-	2.0 U	190 U	-
DDT (p,p'-DDT)	µg/kg	3.3$_{m}^{A}$ 7,900^{B} 136,000^{C}	n/v	170 U F1	**130^{A}**	-	-	-	-	2.0 U	190 U	-
Dieldrin	µg/kg	5$_{n}^{A}$ 200^{B} 100^{C}	n/v	170 U	120 U	-	-	-	-	2.0 U	190 U	-
Endosulfan I	µg/kg	2,400$_{n}^{A}$ 24,000$_{h}^{B}$ 102,000^{C}	n/v	170 U F1	120 U	-	-	-	-	2.0 U	190 U	-
Endosulfan II	µg/kg	2,400$_{n}^{A}$ 24,000$_{h}^{B}$ 102,000^{C}	n/v	170 U	120 U	-	-	-	-	2.0 U	190 U	-
Endosulfan Sulfate	µg/kg	2,400$_{n}^{A}$ 24,000$_{h}^{B}$ 1,000,000$_{d}^{C}$	n/v	170 U F1	120 U	-	-	-	-	2.0 U	190 U	-
Endrin	µg/kg	14^{A} 11,000^{B} 60^{C}	n/v	170 U F1	120 U	-	-	-	-	2.0 U	190 U	-
Endrin Aldehyde	µg/kg	100,000$_{g}^{A}$ 100,000$_{h}^{B}$ 1,000,000$_{d}^{C}$	n/v	170 U	120 U	-	-	-	-	2.0 U	190 U	-
Endrin Ketone	µg/kg	100,000$_{g}^{A}$ 100,000$_{h}^{B}$ 1,000,000$_{d}^{C}$	n/v	170 U	120 U	-	-	-	-	2.0 U	190 U	-
Heptachlor	µg/kg	42^{A} 2,100^{B} 380^{C}	n/v	170 U	120 U	-	-	-	-	2.0 U	190 U	-

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				SS-1		TP-1		TP-2		TP-3	TP-4	TP-5
Sample Date				22-Apr-19	22-Apr-19	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18
Sample ID				CNL-SS1-SS	CNL-SS1-SS-DUP	CNL-TP1-S	CNL-TP1-S	CNL-TP2-S	CNL-TP2-S	CNL-TP3-S	CNL-TP4-S	CNL-TP5-S
Sample Depth				0 - 4 in	0 - 4 in	6 ft	6 ft	7.2 ft	7.2 ft	2 ft	4 ft	4 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-152402-1	480-152402-1	480-140994-1	480-141385-1	480-140994-1	480-141385-1	480-140994-1	480-140994-1	480-140994-1
Laboratory Sample ID				480-152402-1	480-152402-2	480-140994-1	480-141385-1	480-140994-2	480-141385-2	480-140994-3	480-140994-4	480-140994-6
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51		Field Duplicate							
Heptachlor Epoxide	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	170 U	120 U	-	-	-	-	2.0 U	190 U	-
Lindane (Hexachlorocyclohexane, gamma)	µg/kg	100[AC] 1,300[B]	n/v	170 U F1	120 U	-	-	-	-	2.0 U	190 U	-
Methoxychlor (4,4'-Methoxychlor)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	170 U	120 U	-	-	-	-	2.0 U	190 U	-

See notes on last page.

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				SS-1		TP-1		TP-2		TP-3	TP-4	TP-5
Sample Date				22-Apr-19	22-Apr-19	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18
Sample ID				CNL-SS1-SS	CNL-SS1-SS-DUP	CNL-TP1-S	CNL-TP1-S	CNL-TP2-S	CNL-TP2-S	CNL-TP3-S	CNL-TP4-S	CNL-TP5-S
Sample Depth				0 - 4 in	0 - 4 in	6 ft	6 ft	7.2 ft	7.2 ft	2 ft	4 ft	4 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-152402-1	480-152402-1	480-140994-1	480-141385-1	480-140994-1	480-141385-1	480-140994-1	480-140994-1	480-140994-1
Laboratory Sample ID				480-152402-1	480-152402-2	480-140994-1	480-141385-1	480-140994-2	480-141385-2	480-140994-3	480-140994-4	480-140994-6
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51		Field Duplicate							
Polycyclic Aromatic Hydrocarbons												
Acenaphthene	µg/kg	20,000[A] 100,000[B] 98,000[C]	20,000[F]	67,000 U F2	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Acenaphthylene	µg/kg	100,000[A] 100,000[B] 107,000[C]	100,000[F]	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Anthracene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	100,000[F]	83,000 F2	62,000	-	3,600 U	-	190 U	200 U	**110,000[ABF]**	-
Benzo(a)anthracene	µg/kg	1,000[A] 1,000[BC]	1,000[F]	**150,000 F2[ABCF]**	**110,000[ABCF]**	-	3,600 U	-	190 U	200 U	**310,000[ABCF]**	-
Benzo(a)pyrene	µg/kg	1,000[A] 1,000[B] 22,000[C]	1,000[F]	**120,000 F2[ABCF]**	**80,000[ABCF]**	-	3,600 U	-	190 U	200 U	**250,000[ABCF]**	-
Benzo(b)fluoranthene	µg/kg	1,000[A] 1,000[B] 1,700[C]	1,000[F]	**180,000 F2[ABCF]**	**110,000[ABCF]**	-	3,600 U	-	190 U	200 U	**360,000[ABCF]**	-
Benzo(g,h,i)perylene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	100,000[F]	68,000 F2	48,000 U	-	3,600 U	-	190 U	200 U	**150,000[ABF]**	-
Benzo(k)fluoranthene	µg/kg	800[A] 3,900[B] 1,700[C]	800[F]	67,000 U F2	48,000 U	-	3,600 U	-	190 U	200 U	**130,000[ABCF]**	-
Chrysene	µg/kg	1,000[A] 3,900[B] 1,000[C]	1,000[F]	**150,000 F2[ABCF]**	**96,000[ABCF]**	-	3,600 U	-	190 U	200 U	**330,000[ABCF]**	-
Dibenzo(a,h)anthracene	µg/kg	330[A] 330[B] 1,000,000[C]	330[F]	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Fluoranthene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	100,000[F]	**340,000 F2[ABF]**	**230,000[ABF]**	-	3,600 U	-	190 U	200 U	**830,000[ABF]**	-
Fluorene	µg/kg	30,000[A] 100,000[B] 386,000[C]	30,000[F]	67,000 U F2	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Indeno(1,2,3-cd)pyrene	µg/kg	500[A] 500[B] 8,200[C]	500[F]	**72,000 F2[ABCF]**	**48,000[ABCF]**	-	3,600 U	-	190 U	200 U	**150,000[ABCF]**	-
Naphthalene	µg/kg	12,000[AC] 100,000[B]	12,000[EF]	67,000 U F2	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Phenanthrene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	100,000[F]	**310,000 F2[ABF]**	**210,000[ABF]**	-	3,600 U	-	190 U	200 U	**630,000[ABF]**	-
Pyrene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	100,000[F]	**240,000 F2[ABF]**	**160,000[ABF]**	-	3,600 U	-	190 U	200 U	**540,000[ABF]**	-
Total PAH	µg/kg	n/v	n/v	1,713,000	1,106,000	-	ND	-	ND	ND	3,790,000	-
Semi-Volatile Organic Compounds												
Acetophenone	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Atrazine	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U *	79,000 U *	-
Benzaldehyde	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Biphenyl	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Bis(2-Chloroethoxy)methane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Bis(2-Chloroethyl)ether	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U F2	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Bromophenyl Phenyl Ether, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Butyl Benzyl Phthalate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Caprolactam	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Carbazole	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U F2	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Chloro-3-methyl phenol, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Chloroaniline, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Chloronaphthalene, 2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Chlorophenyl Phenyl Ether, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Cresol, o- (Methylphenol, 2-)	µg/kg	330[A] 100,000[B] 330[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Cresol, p- (Methylphenol, 4-)	µg/kg	330[A] 100,000[B] 330[C]	n/v	130,000 U	93,000 U	-	6,900 U	-	370 U	400 U	150,000 U	-
Dibenzofuran	µg/kg	7,000[A] 59,000[B] 210,000[C]	n/v	67,000 U F2	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Dibutyl Phthalate (DBP)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Dichlorobenzidine, 3,3'-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	130,000 U	93,000 U	-	6,900 U	-	370 U	400 U	150,000 U	-
Dichlorophenol, 2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Diethyl Phthalate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U *	79,000 U *	-
Dimethyl Phthalate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Dimethylphenol, 2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Dinitro-o-cresol, 4,6-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	130,000 U *	93,000 U *	-	6,900 U	-	370 U	400 U	150,000 U	-
Dinitrophenol, 2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	660,000 U	470,000 U	-	35,000 U	-	1,900 U	2,000 U	770,000 U	-
Dinitrotoluene, 2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Dinitrotoluene, 2,6-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Di-n-Octyl phthalate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Hexachlorobenzene	µg/kg	330[A] 1,200[B] 3,200[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Hexachlorocyclopentadiene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Hexachloroethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Isophorone	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Methylnaphthalene, 2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Nitroaniline, 2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	130,000 U	93,000 U	-	6,900 U	-	370 U	400 U	150,000 U	-
Nitroaniline, 3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	130,000 U	93,000 U	-	6,900 U	-	370 U	400 U	150,000 U	-
Nitroaniline, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	130,000 U	93,000 U	-	6,900 U	-	370 U	400 U	150,000 U	-
Nitrobenzene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	15,000[D]	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Nitrophenol, 2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Nitrophenol, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	130,000 U	93,000 U	-	6,900 U	-	370 U	400 U *	150,000 U *	-
N-Nitrosodi-n-Propylamine	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
n-Nitrosodiphenylamine	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Pentachlorophenol	µg/kg	800[A] 6,700[B] 800[C]	n/v	130,000 U	93,000 U	-	6,900 U	-	370 U	400 U	150,000 U	-
Phenol	µg/kg	330[A] 100,000[B] 330[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Trichlorophenol, 2,4,5-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-
Trichlorophenol, 2,4,6-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	67,000 U	48,000 U	-	3,600 U	-	190 U	200 U	79,000 U	-

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				SS-1		TP-1		TP-2		TP-3	TP-4	TP-5
Sample Date				22-Apr-19	22-Apr-19	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18
Sample ID				CNL-SS1-SS	CNL-SS1-SS-DUP	CNL-TP1-S	CNL-TP1-S	CNL-TP2-S	CNL-TP2-S	CNL-TP3-S	CNL-TP4-S	CNL-TP5-S
Sample Depth				0 - 4 in	0 - 4 in	6 ft	6 ft	7.2 ft	7.2 ft	2 ft	4 ft	4 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-152402-1	480-152402-1	480-140994-1	480-141385-1	480-140994-1	480-141385-1	480-140994-1	480-140994-1	480-140994-1
Laboratory Sample ID				480-152402-1	480-152402-2	480-140994-1	480-141385-1	480-140994-2	480-141385-2	480-140994-3	480-140994-4	480-140994-6
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51		Field Duplicate							
Total SVOC	µg/kg	n/v	n/v	ND	ND	-	ND	-	ND	ND	ND	-
SVOC TICs												
Total SVOC TICs	µg/kg	n/v	n/v	75,000 TJN	46,000 TJN	-	ND	-	5,140 TJ	4,900 TJ	794,000 TJN	-

See notes on last page.

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				SS-1		TP-1		TP-2		TP-3	TP-4	TP-5
Sample Date				22-Apr-19	22-Apr-19	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18
Sample ID				CNL-SS1-SS	CNL-SS1-SS-DUP	CNL-TP1-S	CNL-TP1-S	CNL-TP2-S	CNL-TP2-S	CNL-TP3-S	CNL-TP4-S	CNL-TP5-S
Sample Depth				0 - 4 in	0 - 4 in	6 ft	6 ft	7.2 ft	7.2 ft	2 ft	4 ft	4 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-152402-1	480-152402-1	480-140994-1	480-141385-1	480-140994-1	480-141385-1	480-140994-1	480-140994-1	480-140994-1
Laboratory Sample ID				480-152402-1	480-152402-2	480-140994-1	480-141385-1	480-140994-2	480-141385-2	480-140994-3	480-140994-4	480-140994-6
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51		Field Duplicate							
Semi-Volatile Organic Compounds - TCLP												
Cresol, m- (Methylphenol, 3-)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Cresol, o- (Methylphenol, 2-)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Cresol, p- (Methylphenol, 4-)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Dichlorobenzene, 1,4-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Dinitrotoluene, 2,4-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/L	n/v	15[O]	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Pyridine	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Trichlorophenol, 2,4,5-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Trichlorophenol, 2,4,6-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds												
Acetone	µg/kg	50[AC] 100,000[B]	n/v	-	-	26 U	-	29 U	-	30 U	29 U	28 U F1
Benzene	µg/kg	60[AC] 4,800[B]	60[EF]	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U
Bromodichloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U
Bromoform (Tribromomethane)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 UJ
Bromomethane (Methyl bromide)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U
Butylbenzene, n-	µg/kg	12,000[AC] 100,000[B]	12,000[EF]	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 UJ
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11,000[AC] 100,000[B]	11,000[EF]	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U F1
Butylbenzene, tert-	µg/kg	5,900[AC] 100,000[B]	5,900[EF]	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U
Carbon Disulfide	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U F1
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760[AC] 2,400[B]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U F1
Chlorobenzene (Monochlorobenzene)	µg/kg	1,100[AC] 100,000[B]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U F1
Chlorobromomethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	-	-	-	-
Chloroethane (Ethyl Chloride)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U
Chloroform (Trichloromethane)	µg/kg	370[AC] 49,000[B]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U
Chloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U
Cyclohexane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 UJ
Dibromochloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U F1
Dichlorobenzene, 1,2-	µg/kg	1,100[AC] 100,000[B]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 UJ
Dichlorobenzene, 1,3-	µg/kg	2,400[AC] 49,000[B]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 UJ
Dichlorobenzene, 1,4-	µg/kg	1,800[AC] 13,000[B]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 UJ
Dichlorodifluoromethane (Freon 12)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U
Dichloroethane, 1,1-	µg/kg	270[AC] 26,000[B]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U
Dichloroethane, 1,2-	µg/kg	20[m][A] 3,100[B] 20[C]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 UJ
Dichloroethene, 1,1-	µg/kg	330[AC] 100,000[B]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U
Dichloroethene, cis-1,2-	µg/kg	250[AC] 100,000[B]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U F1
Dichloroethene, trans-1,2-	µg/kg	190[AC] 100,000[B]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U F1
Dichloropropane, 1,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U
Dichloropropene, cis-1,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 UJ
Dichloropropene, trans-1,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U F1
Ethylbenzene	µg/kg	1,000[AC] 41,000[B]	1,000[EF]	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U F1
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 UJ
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	26 U	-	29 U	-	30 U	29 U	28 U
Isopropylbenzene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	2,300[EF]	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U
Isopropyltoluene, p- (Cymene)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	10,000[EF]	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U F1
Methyl Acetate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	26 U	-	29 U	-	30 U	29 U	28 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	120[AC] 100,000[B]	n/v	-	-	26 U *	-	29 U *	-	30 U *	29 U *	28 UJ
Methyl Isobutyl Ketone (MIBK)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	26 U	-	29 U	-	30 U	29 U	28 U
Methyl tert-butyl ether (MTBE)	µg/kg	930[AC] 100,000[B]	930[E]	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U
Methylcyclohexane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U
Methylene Chloride (Dichloromethane)	µg/kg	50[AC] 100,000[B]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U
Naphthalene	µg/kg	12,000[AC] 100,000[B]	12,000[EF]	-	-	-	-	-	-	-	-	-
Propylbenzene, n-	µg/kg	3,900[AC] 100,000[B]	3,900[EF]	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U F1
Styrene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 UJ
Tetrachloroethane, 1,1,2,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U F1
Tetrachloroethene (PCE)	µg/kg	1,300[AC] 19,000[B]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U F1
Toluene	µg/kg	700[AC] 100,000[B]	700[EF]	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U
Trichlorobenzene, 1,2,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	-	-	-	-
Trichlorobenzene, 1,2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 UJ
Trichloroethane, 1,1,1-	µg/kg	680[AC] 100,000[B]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U
Trichloroethane, 1,1,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U
Trichloroethene (TCE)	µg/kg	470[AC] 21,000[B]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U F1
Trichlorofluoromethane (Freon 11)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U
Trichlorotrifluoroethane (Freon 113)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U
Trimethylbenzene, 1,2,4-	µg/kg	3,600[AC] 52,000[B]	3,600[EF]	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U F1
Trimethylbenzene, 1,3,5-	µg/kg	8,400[AC] 52,000[B]	8,400[EF]	-	-	5.3 U	-	5.7 U	-	6.1 U	5.8 U	5.6 U F1

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				SS-1		TP-1		TP-2		TP-3	TP-4	TP-5
Sample Date				22-Apr-19	22-Apr-19	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18
Sample ID				CNL-SS1-SS	CNL-SS1-SS-DUP	CNL-TP1-S	CNL-TP1-S	CNL-TP2-S	CNL-TP2-S	CNL-TP3-S	CNL-TP4-S	CNL-TP5-S
Sample Depth				0 - 4 in	0 - 4 in	6 ft	6 ft	7.2 ft	7.2 ft	2 ft	4 ft	4 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-152402-1	480-152402-1	480-140994-1	480-141385-1	480-140994-1	480-141385-1	480-140994-1	480-140994-1	480-140994-1
Laboratory Sample ID				480-152402-1	480-152402-2	480-140994-1	480-141385-1	480-140994-2	480-141385-2	480-140994-3	480-140994-4	480-140994-6
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51		Field Duplicate							
Vinyl Chloride	µg/kg	20[AC] 900[B]	n/v	-	-	5.3 UJ	-	5.7 UJ	-	6.1 UJ	5.8 UJ	5.6 UJ
Xylene, m & p-	µg/kg	260$_p$[A] 100,000$_{s,p}$[B] 1,600$_p$[C]	n/v	-	-	-	-	-	-	-	-	-
Xylene, o-	µg/kg	260$_p$[A] 100,000$_{s,p}$[B] 1,600$_p$[C]	n/v	-	-	-	-	-	-	-	-	-
Xylenes, Total	µg/kg	260[A] 100,000$_b$[B] 1,600[C]	260[EF]	-	-	11 U	-	11 U	-	12 U	12 U	11 U F1
Total VOC	µg/kg	n/v	n/v	-	-	ND	-	ND	-	ND	ND	ND
VOC TICs												
Total VOC TICs	µg/kg	n/v	n/v	-	-	ND	-	ND	-	ND	6.8 TJN	ND

See notes on last page.

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				SS-1		TP-1		TP-2		TP-3	TP-4	TP-5
Sample Date				22-Apr-19	22-Apr-19	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18	28-Aug-18
Sample ID				CNL-SS1-SS	CNL-SS1-SS-DUP	CNL-TP1-S	CNL-TP1-S	CNL-TP2-S	CNL-TP2-S	CNL-TP3-S	CNL-TP4-S	CNL-TP5-S
Sample Depth				0 - 4 in	0 - 4 in	6 ft	6 ft	7.2 ft	7.2 ft	2 ft	4 ft	4 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-152402-1	480-152402-1	480-140994-1	480-141385-1	480-140994-1	480-141385-1	480-140994-1	480-140994-1	480-140994-1
Laboratory Sample ID				480-152402-1	480-152402-2	480-140994-1	480-141385-1	480-140994-2	480-141385-2	480-140994-3	480-140994-4	480-140994-6
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51		Field Duplicate							
Volatile Organic Compounds - TCLP												
Benzene	mg/L	n/v	0.06[EF]	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride (Tetrachloromethane)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Chlorobenzene (Monochlorobenzene)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Dichloroethane, 1,2-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Dichloroethene, 1,1-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Methyl Ethyl Ketone (MEK) (2-Butanone)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Tetrachloroethene (PCE)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Trichloroethene (TCE)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-
Vinyl Chloride	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-

See notes on last page.

Table 1
Summary of Analytical Results for RI Waste Characterization Soil Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Notes:

NYSDEC-Part 375	NYSDEC 6 NYCRR Part 375 Soil Clean-up Objectives (SCOs)
A	NYSDEC 6 NYCRR Part 375 - Unrestricted Use Soil Cleanup Objectives
B	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Human Health - Restricted Residential
C	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Groundwater
NYSDEC CP-51	New York State Department of Environmental Conservation, DEC Policy CP-51, October 21, 2010
D	Table 1 Supplemental Soil Cleanup Objectives - Restricted Residential
E	Table 2 Soil Cleanup Levels for Gasoline Contaminated Soils
F	Table 3 Soil Cleanup Levels for Fuel Oil Contaminated Soil
6.5[A]	Concentration exceeds the indicated standard.
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.
a	The SCOs for unrestricted use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3
b	The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3.
b,p	The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3. The criterion is applicable to total xylenes, and the individual isomers should be added for comparison.
d	The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 mg/kg (Organics) and 10000 mg/kg (Inorganics). See 6 NYCRR Part 375 TSD Section 9.3.
e	The SCOS for metals were capped at a maximum value of 10,000 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3.
f	For constituents where the calculated SCO was lower than the CRQL, the CRQL is used as the SCO value.
g	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
i	The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.
j	This SCO is the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
k	This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts). See 6 NYCRR Part 375 TSD Table 5.6-1.
m	For constituents where the calculated SCO was lower than the Contract Required Quantitation Limit (CRQL), the CRQL is used as the Track 1 SCO value.
n	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.
n,i	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.
	The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.
NS,q	No SCO has been established for this compound. No SCO has been established for total chromium; however, see standards for trivalent and hexavalent chromium.
o	Standard is applicable to total PCBs, and the individual Aroclors should be added for comparison.
p	The criterion is applicable to total xylenes, and the individual isomers should be added for comparison.
*	Indicates analysis is not within the quality control limits.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
>	Greater than.
B	Indicates analyte was found in associated blank, as well as in the sample.
E	Result exceeded calibration range.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits.
H	Sample was prepped or analyzed beyond the specified holding time.
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
J	The reported result is an estimated value.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
ND	Not detected.
TJ	Result is a tentatively identified compound (TIC) and an estimated value.
TJN	Result is a tentatively identified compound (TIC) and an estimated value. Indicates an Estimated Value for TICs. Presumptive evidence of material.
UJ	Indicates estimated non-detect.
vs	Sample bottle contained visible sediment. Sample was shaken to obtain representative aliquot. Result may be biased high due to analyte present int sediment.
ESC	ESC Lab Sciences, Mt.Juliet, TN
LABRNY	Labella Associates, P.C.
TAL	Test America Laboratories Inc.
VOC TICs	Volatile Organic Compounds Tentatively Identified Compounds
SVOC TICs	Semi-Volatile Organic Compounds Tentatively Identified Compounds
TCLP	Toxicity Characteristic Leaching Procedure

Table 2
Summary of Analytical Results for Groundwater
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location			MW-01	MW-02				MW-09					B/MW-100					B/MW-102			B/MW-104		
Sample Date			11-Jun-14	11-Jun-14	2-Oct-18	28-Feb-19	24-Apr-19	24-Sep-08	11-Jun-14	2-Oct-18	2-Oct-18	24-Apr-19	1-Oct-18	26-Feb-19	26-Feb-19	24-Apr-19	24-Apr-19	1-Oct-18	28-Feb-19	24-Apr-19	2-Oct-18	26-Feb-19	24-Apr-19
Sample ID			MW-01	MW-02	CNL-MW02-GW	CNL-MW02-W	CNL-MW02-W	MW-9	MW-09	CNL-MW9-GW	CNL-FD-GW	CNL-MW9-W	CNL-MW100-GW	CNL-MW100-W	CNL-MWDUP 100-W	CNL-MW100-W	CNL-MWDUP-W	CNL-MW102-GW	CNL-MW102-W	CNL-MW102-W	CNL-MW104-GW	CNL-MW104-W	CNL-MW104-W
Sampling Company			LABRNY	LABRNY	STANTEC	STANTEC	STANTEC	HAROC	LABRNY	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			ESC	ESC	TALBU	TALBU	TALBU	UNKNOWN	ESC	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU
Laboratory Work Order			L704675	L704675	480-142699-1	480-149237-1	480-152563-1	UNKNOWN	L704675	480-142699-1	480-142788-6	480-152563-1	480-142699-1	480-149237-1	480-149237-1	480-152563-1	480-152563-1	480-142699-1	480-149237-1	480-152563-1	480-142699-1	480-149237-1	480-152563-1
Laboratory Sample ID			L704675-06	L704675-07	480-142788-5	480-149629-2	480-152563-5	A8B79401	L704675-08	480-142788-4	Field Duplicate	480-152563-4	480-142699-2	480-149515-1	Field Duplicate	480-152563-10	Field Duplicate	480-142699-1	480-149629-5	480-152563-12	480-142788-1	480-149515-2	480-152563-2
Sample Type	Units	TOGS																					
General Chemistry																							
Cyanide	mg/L	0.2[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide (Reactive)	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flashpoint	deg F	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrate	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrate (as N)	mg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.47	-	-	0.86	-	-
Nitrite	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH, lab	S.U.	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate	mg/L	250[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63.0	-	-	123	-	-
Sulfate	mg/L	250[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfide (Reactive)	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfur	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Temperature, Lab	deg C	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals, Dissolved																							
Aluminum	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	mg/L	0.003[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/L	0.025[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	mg/L	1[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/L	0.003[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	0.005[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.05[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	0.2[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	0.3.[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.050 U	-	-	0.050 U	-	-
Lead	mg/L	0.025[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	35[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.3.[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	0.0007[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	mg/L	0.1[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.01[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	0.05[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	mg/L	20[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.0005[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	2[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals, Total																							
Aluminum	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	0.20 U	0.20 U	-	-	-	-	-	-	-	0.26	-
Antimony	mg/L	0.003[B]	-	-	-	-	-	-	-	-	-	-	0.020 U	0.020 U	-	-	-	-	-	-	-	0.020 U	-
Arsenic	mg/L	0.025[B]	-	-	-	-	-	-	-	-	-	-	0.015 U	0.015 U	-	-	-	-	-	-	-	0.015 U	-
Barium	mg/L	1[B]	-	-	-	-	-	-	-	-	-	-	0.094	0.084	-	-	-	-	-	-	-	0.056	-
Beryllium	mg/L	0.003[A]	-	-	-	-	-	-	-	-	-	-	0.0020 U	0.0020 U	-	-	-	-	-	-	-	0.0020 U	-
Cadmium	mg/L	0.005[B]	-	-	-	-	-	-	-	-	-	-	0.0020 U	0.0020 U	-	-	-	-	-	-	-	0.0020 U	-
Calcium	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	131	118	-	-	-	-	-	-	-	41.9	-
Chromium	mg/L	0.05[B]	-	-	-	-	-	-	-	-	-	-	0.0040 U	0.0040 U	-	-	-	-	-	-	-	0.0040 U	-
Cobalt	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	0.0040 U	0.0040 U	-	-	-	-	-	-	-	0.0052	-
Copper	mg/L	0.2[B]	-	-	-	-	-	-	-	-	-	-	0.010 U	0.010 U	-	-	-	-	-	-	-	0.010 U	-
Iron	mg/L	0.3.[B]	-	-	-	-	-	-	-	-	-	-	0.050 U	0.050 U	-	-	-	0.19	-	-	**30.9[B]**	**0.41[B]**	-
Lead	mg/L	0.025[B]	-	-	-	-	-	-	-	-	-	-	0.010 U	0.010 U	-	-	-	-	-	-	-	0.010 U	-
Magnesium	mg/L	35[A]	-	-	-	-	-	-	-	-	-	-	**38.4[A]**	34.5	-	-	-	-	-	-	-	18.3	-
Manganese	mg/L	0.3.[B]	-	-	-	-	-	-	-	-	-	-	**0.32[B]**	0.29	-	-	-	-	-	-	-	0.22	-
Mercury	mg/L	0.0007[B]	-	-	-	-	-	-	-	-	-	-	0.00020 U	0.00020 U	-	-	-	-	-	-	-	0.00020 U	-
Nickel	mg/L	0.1[B]	-	-	-	-	-	-	-	-	-	-	0.010 U	0.010 U	-	-	-	-	-	-	-	0.010 U	-
Potassium	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	10.2	9.3	-	-	-	-	-	-	-	14.1	-
Selenium	mg/L	0.01[B]	-	-	-	-	-	-	-	-	-	-	0.025 U	0.025 U	-	-	-	-	-	-	-	0.025 U	-
Silver	mg/L	0.05[B]	-	-	-	-	-	-	-	-	-	-	0.0060 U	0.0060 U	-	-	-	-	-	-	-	0.0060 U	-
Sodium	mg/L	20[B]	-	-	-	-	-	-	-	-	-	-	**322[B]**	**290[B]**	-	-	-	-	-	-	-	**130[B]**	-
Thallium	mg/L	0.0005[A]	-	-	-	-	-	-	-	-	-	-	0.020 U	0.020 U	-	-	-	-	-	-	-	0.020 U	-
Vanadium	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	0.0050 U	0.0050 U	-	-	-	-	-	-	-	0.0050 U	-
Zinc	mg/L	2[A]	-	-	-	-	-	-	-	-	-	-	0.013	0.012	-	-	-	-	-	-	-	0.010 U	-

See notes on last page.

Table 2
Summary of Analytical Results for Groundwater
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location			MW-01	MW-02				MW-09					B/MW-100					B/MW-102			B/MW-104		
Sample Date			11-Jun-14	11-Jun-14	2-Oct-18	28-Feb-19	24-Apr-19	24-Sep-08	11-Jun-14	2-Oct-18	2-Oct-18	24-Apr-19	1-Oct-18	26-Feb-19	26-Feb-19	24-Apr-19	24-Apr-19	1-Oct-18	28-Feb-19	24-Apr-19	2-Oct-18	26-Feb-19	24-Apr-19
Sample ID			MW-01	MW-02	CNL-MW02-GW	CNL-MW02-W	CNL-MW02-W	MW-9	MW-09	CNL-MW9-GW	CNL-FD-GW	CNL-MW9-W	CNL-MW100-GW	CNL-MW100-W	CNL-MWDUP 100-W	CNL-MW100-W	CNL-MWDUP-W	CNL-MW102-GW	CNL-MW102-W	CNL-MW102-W	CNL-MW104-GW	CNL-MW104-W	CNL-MW104-W
Sampling Company			LABRNY	LABRNY	STANTEC	STANTEC	STANTEC	HAROC	LABRNY	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			ESC	ESC	TALBU	TALBU	TALBU	UNKNOWN	ESC	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU
Laboratory Work Order			L704675	L704675	480-142699-1	480-149237-1	480-152563-1	UNKNOWN	L704675	480-142699-1	480-142788-6	480-152563-1	480-142699-1	480-149237-1	480-149237-1	480-152563-1	480-152563-1	480-142699-1	480-149237-1	480-152563-1	480-142699-1	480-149237-1	480-152563-1
Laboratory Sample ID			L704675-06	L704675-07	480-142788-5	480-149629-2	480-152563-5	A8B79401	L704675-08	480-142788-4	Field Duplicate	480-152563-4	480-142699-2	480-149515-1	480-149515-4 Field Duplicate	480-152563-10	480-152563-11 Field Duplicate	480-142699-1	480-149629-5	480-152563-12	480-142788-1	480-149515-2	480-152563-2
Sample Type	Units	TOGS																					
Polychlorinated Biphenyls																							
Aroclor 1016	µg/L	0.09[B]	-	-	-	-	-	-	-	-	-	-	-	0.50 U	0.50 U	-	-	-	-	-	-	0.50 U	-
Aroclor 1221	µg/L	0.09[B]	-	-	-	-	-	-	-	-	-	-	-	0.50 U	0.50 U	-	-	-	-	-	-	0.50 U	-
Aroclor 1232	µg/L	0.09[B]	-	-	-	-	-	-	-	-	-	-	-	0.50 U	0.50 U	-	-	-	-	-	-	0.50 U	-
Aroclor 1242	µg/L	0.09[B]	-	-	-	-	-	-	-	-	-	-	-	0.50 U	0.50 U	-	-	-	-	-	-	0.50 U	-
Aroclor 1248	µg/L	0.09[B]	-	-	-	-	-	-	-	-	-	-	-	0.50 U	0.50 U	-	-	-	-	-	-	0.50 U	-
Aroclor 1254	µg/L	0.09[B]	-	-	-	-	-	-	-	-	-	-	-	0.50 U	0.50 U	-	-	-	-	-	-	0.50 U	-
Aroclor 1260	µg/L	0.09[B]	-	-	-	-	-	-	-	-	-	-	-	0.50 U	0.50 U	-	-	-	-	-	-	0.50 U	-
Polychlorinated Biphenyls (PCBs)	µg/L	0.09$_b$[B]	-	-	-	-	-	-	-	-	-	-	-	ND	ND	-	-	-	-	-	-	ND	-
Pesticides																							
Aldrin	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	0.050 U	0.050 U	-	-	-	-	-	-	0.050 U	-
BHC, alpha-	µg/L	0.01[B]	-	-	-	-	-	-	-	-	-	-	-	0.050 U	0.050 U	-	-	-	-	-	-	0.050 U	-
BHC, beta-	µg/L	0.04[B]	-	-	-	-	-	-	-	-	-	-	-	0.050 U	0.050 U	-	-	-	-	-	-	0.050 U	-
BHC, delta-	µg/L	0.04[B]	-	-	-	-	-	-	-	-	-	-	-	0.050 U	0.050 U	-	-	-	-	-	-	0.050 U	-
Camphechlor (Toxaphene)	µg/L	0.06[B]	-	-	-	-	-	-	-	-	-	-	-	0.50 U	0.50 U	-	-	-	-	-	-	0.50 U	-
Chlordane, alpha-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	0.050 U	0.050 U	-	-	-	-	-	-	0.050 U	-
Chlordane, trans- (gamma-Chlordane)	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	0.050 U	0.050 U	-	-	-	-	-	-	0.050 U	-
DDD (p,p'-DDD)	µg/L	0.3[B]	-	-	-	-	-	-	-	-	-	-	-	0.050 U	0.050 U	-	-	-	-	-	-	0.050 U	-
DDE (p,p'-DDE)	µg/L	0.2[B]	-	-	-	-	-	-	-	-	-	-	-	0.050 U	0.050 U	-	-	-	-	-	-	0.050 U	-
DDT (p,p'-DDT)	µg/L	0.2[B]	-	-	-	-	-	-	-	-	-	-	-	0.050 U	0.050 U	-	-	-	-	-	-	0.050 U	-
Dieldrin	µg/L	0.004[B]	-	-	-	-	-	-	-	-	-	-	-	0.050 U	0.050 U	-	-	-	-	-	-	0.050 U	-
Endosulfan I	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	0.050 U	0.050 U	-	-	-	-	-	-	0.050 U	-
Endosulfan II	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	0.050 U	0.050 U	-	-	-	-	-	-	0.050 U	-
Endosulfan Sulfate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	0.050 U	0.050 U	-	-	-	-	-	-	0.050 U	-
Endrin	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	0.050 U	0.050 U	-	-	-	-	-	-	0.050 U	-
Endrin Aldehyde	µg/L	5$_n$[B]	-	-	-	-	-	-	-	-	-	-	-	0.050 U	0.050 U	-	-	-	-	-	-	0.050 U	-
Endrin Ketone	µg/L	5$_n$[B]	-	-	-	-	-	-	-	-	-	-	-	0.050 U	0.050 U	-	-	-	-	-	-	0.050 U	-
Heptachlor	µg/L	0.04[AB]	-	-	-	-	-	-	-	-	-	-	-	0.050 U	0.050 U	-	-	-	-	-	-	0.050 U	-
Heptachlor Epoxide	µg/L	0.03[B]	-	-	-	-	-	-	-	-	-	-	-	0.050 U	0.050 U	-	-	-	-	-	-	0.050 U	-
Lindane (Hexachlorocyclohexane, gamma)	µg/L	0.05[B]	-	-	-	-	-	-	-	-	-	-	-	0.050 U	0.050 U	-	-	-	-	-	-	0.050 U	-
Methoxychlor (4,4'-Methoxychlor)	µg/L	35[B]	-	-	-	-	-	-	-	-	-	-	-	0.050 U	0.050 U	-	-	-	-	-	-	0.050 U	-
1,4-Dioxane																							
Dioxane, 1,4-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	0.20 U	0.20 U	-	-	-	-	-	-	0.20 U	-
Polycyclic Aromatic Hydrocarbons																							
Acenaphthene	µg/L	20[B]	11	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Acenaphthylene	µg/L	n/v	3.0	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Anthracene	µg/L	50[A]	5.6	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Benzo(a)anthracene	µg/L	0.002[A]	3.0 U	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Benzo(a)pyrene	µg/L	ND[B]	3.0 U	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Benzo(b)fluoranthene	µg/L	0.002[A]	3.0 U	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Benzo(g,h,i)perylene	µg/L	n/v	3.0 U	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Benzo(k)fluoranthene	µg/L	0.002[A]	3.0 U	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Chloronaphthalene, 2-	µg/L	10[B]	15 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/L	0.002[A]	3.0 U	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Dibenzo(a,h)anthracene	µg/L	n/v	3.0 U	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Fluoranthene	µg/L	50[A]	3.0 U	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Fluorene	µg/L	50[A]	12	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Indeno(1,2,3-cd)pyrene	µg/L	0.002[A]	3.0 U	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Methylnaphthalene, 1-	µg/L	n/v	1,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene, 2-	µg/L	n/v	2,400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/L	10[B]	**2,300[B]**	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	**32[B]**	-
Phenanthrene	µg/L	50[A]	20	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	6.5	-
Pyrene	µg/L	50[A]	4.7	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Total PAH	µg/L	n/v	5,856.3	-	-	-	-	-	-	-	-	-	-	ND	ND	-	-	-	-	-	-	38.5	-

See notes on last page.

Table 2
Summary of Analytical Results for Groundwater
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location	Units	TOGS	MW-01	MW-02				MW-09					B/MW-100					B/MW-102			B/MW-104		
Sample Date			11-Jun-14	11-Jun-14	2-Oct-18	28-Feb-19	24-Apr-19	24-Sep-08	11-Jun-14	2-Oct-18	2-Oct-18	24-Apr-19	1-Oct-18	26-Feb-19	26-Feb-19	24-Apr-19	24-Apr-19	1-Oct-18	28-Feb-19	24-Apr-19	2-Oct-18	26-Feb-19	24-Apr-19
Sample ID			MW-01	MW-02	CNL-MW02-GW	CNL-MW02-W	CNL-MW02-W	MW-9	MW-09	CNL-MW9-GW	CNL-FD-GW	CNL-MW9-W	CNL-MW100-GW	CNL-MW100-W	CNL-MWDUP 100-W	CNL-MW100-W	CNL-MWDUP-W	CNL-MW102-GW	CNL-MW102-W	CNL-MW102-W	CNL-MW104-GW	CNL-MW104-W	CNL-MW104-W
Sampling Company			LABRNY	LABRNY	STANTEC	STANTEC	STANTEC	HAROC	LABRNY	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			ESC	ESC	TALBU	TALBU	TALBU	UNKNOWN	ESC	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU
Laboratory Work Order			L704675	L704675	480-142699-1	480-149237-1	480-152563-1	UNKNOWN	L704675	480-142699-1	480-142788-6	480-152563-1	480-142699-1	480-149237-1	480-149237-1	480-152563-1	480-152563-1	480-142699-1	480-149237-1	480-152563-1	480-142699-1	480-149237-1	480-152563-1
Laboratory Sample ID			L704675-06	L704675-07	480-142788-5	480-149629-2	480-152563-5	A8B79401	L704675-08	480-142788-4	Field Duplicate	480-152563-4	480-142699-2	480-149515-1	480-149515-4 Field Duplicate	480-152563-10	480-152563-11 Field Duplicate	480-142699-1	480-149629-5	480-152563-12	480-142788-1	480-149515-2	480-152563-2
Sample Type																							
Semi-Volatile Organic Compounds																							
Acenaphthene	µg/L	20[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetophenone	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Anthracene	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atrazine	µg/L	7.5[B]	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Benzaldehyde	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Benzo(a)anthracene	µg/L	0.002[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/L	ND[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/L	0.002[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/L	0.002[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Bis(2-Chloroethoxy)methane	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Bis(2-Chloroethyl)ether	µg/L	1[B]	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Bromophenyl Phenyl Ether, 4-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Butyl Benzyl Phthalate	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Caprolactam	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Carbazole	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Chloro-3-methyl phenol, 4-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Chloroaniline, 4-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Chloronaphthalene, 2-	µg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Chlorophenol, 2- (ortho-Chlorophenol)	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Chlorophenyl Phenyl Ether, 4-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Chrysene	µg/L	0.002[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cresol, m & p- (Methylphenol, 3&4-)	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cresol, o- (Methylphenol, 2-)	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Cresol, p- (Methylphenol, 4-)	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	10 U	10 U	-	-	-	-	-	-	10 U	-
Dibenzo(a,h)anthracene	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	10 U	10 U	-	-	-	-	-	-	10 U	-
Dibutyl Phthalate (DBP)	µg/L	50[B]	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Dichlorobenzidine, 3,3'-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Dichlorophenol, 2,4-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Diethyl Phthalate	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Dimethyl Phthalate	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Dimethylphenol, 2,4-	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Dinitro-o-cresol, 4,6-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	10 U	10 U	-	-	-	-	-	-	10 U	-
Dinitrophenol, 2,4-	µg/L	10[A]	-	-	-	-	-	-	-	-	-	-	-	10 U	10 U	-	-	-	-	-	-	10 U	-
Dinitrotoluene, 2,4-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Dinitrotoluene, 2,6-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Di-n-Octyl phthalate	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Fluoranthene	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg/L	0.04[B]	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/L	0.5[B]	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Hexachlorocyclopentadiene	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Hexachloroethane	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Indeno(1,2,3-cd)pyrene	µg/L	0.002[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Methylnaphthalene, 2-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	15	-
Naphthalene	µg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitroaniline, 2-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	10 U	10 U	-	-	-	-	-	-	10 U	-
Nitroaniline, 3-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	10 U	10 U	-	-	-	-	-	-	10 U	-
Nitroaniline, 4-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	10 U	10 U	-	-	-	-	-	-	10 U	-
Nitrobenzene	µg/L	0.4[B]	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Nitrophenol, 2-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Nitrophenol, 4-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	10 U	10 U	-	-	-	-	-	-	10 U	-
N-Nitrosodi-n-Propylamine	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
n-Nitrosodiphenylamine	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Pentachlorophenol	µg/L	1.0[B]	-	-	-	-	-	-	-	-	-	-	-	10 U	10 U	-	-	-	-	-	-	10 U	-
Phenanthrene	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	µg/L	1.0[B]	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Pyrene	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobenzene, 1,2,4,5-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorophenol, 2,3,4,6-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorophenol, 2,4,5-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Trichlorophenol, 2,4,6-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	5.0 U	5.0 U	-	-	-	-	-	-	5.0 U	-
Cresol, m- (Methylphenol, 3-)	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total SVOC	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	ND	ND	-	-	-	-	-	-	15	-
SVOC TICs																							
Total SVOC TICs	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	211.3 TJN	216 TJN	-	-	-	-	-	-	672 TJN	-

See notes on last page.

Table 2
Summary of Analytical Results for Groundwater
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location			MW-01	MW-02				MW-09					B/MW-100					B/MW-102			B/MW-104		
Sample Date			11-Jun-14	11-Jun-14	2-Oct-18	28-Feb-19	24-Apr-19	24-Sep-08	11-Jun-14	2-Oct-18	2-Oct-18	24-Apr-19	1-Oct-18	26-Feb-19	26-Feb-19	24-Apr-19	24-Apr-19	1-Oct-18	28-Feb-19	24-Apr-19	2-Oct-18	26-Feb-19	24-Apr-19
Sample ID			MW-01	MW-02	CNL-MW02-GW	CNL-MW02-W	CNL-MW02-W	MW-9	MW-09	CNL-MW9-GW	CNL-FD-GW	CNL-MW9-W	CNL-MW100-GW	CNL-MW100-W	CNL-MWDUP 100-W	CNL-MW100-W	CNL-MWDUP-W	CNL-MW102-GW	CNL-MW102-W	CNL-MW102-W	CNL-MW104-GW	CNL-MW104-W	CNL-MW104-W
Sampling Company			LABRNY	LABRNY	STANTEC	STANTEC	STANTEC	HAROC	LABRNY	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			ESC	ESC	TALBU	TALBU	TALBU	UNKNOWN	ESC	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU
Laboratory Work Order			L704675	L704675	480-142699-1	480-149237-1	480-152563-1	UNKNOWN	L704675	480-142699-1	480-142699-1	480-152563-1	480-142699-1	480-149237-1	480-149237-1	480-152563-1	480-152563-1	480-142699-1	480-149237-1	480-152563-1	480-142699-1	480-149237-1	480-152563-1
Laboratory Sample ID			L704675-06	L704675-07	480-142788-5	480-149629-2	480-152563-5	A8B79401	L704675-08	480-142788-4	480-142788-6	480-152563-4	480-142699-2	480-149515-1	480-149515-4	480-152563-10	480-152563-11	480-142699-1	480-149629-5	480-152563-12	480-142788-1	480-149515-2	480-152563-2
Sample Type	Units	TOGS									Field Duplicate				Field Duplicate		Field Duplicate						
Volatile Organic Compounds																							
Acetone	µg/L	50[A]	5,000 U	50 U	20 U	20 U	20 U	24	**810[A]**	200 U	200 U	200 U	20 U	20 U	20 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U	40 U
Benzene	µg/L	1[B]	100 U	1.0 U	2.0 U	2.0 U	2.0 U	**1,400[B]**	**660[B]**	**880[B]**	**990[B]**	**2,100[B]**	2.0 U	**9.8[B]**	**9.6[B]**	**5.0[B]**	**4.8[B]**	1.0 U	1.0 U	1.0 U	1.0 U	**42[B]**	**5.8[B]**
Bromodichloromethane	µg/L	50[A]	100 U	1.0 U	2.0 U	2.0 U	2.0 U	5.0 U	1.0 U	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Bromoform (Tribromomethane)	µg/L	50[A]	100 U	1.0 U	2.0 U	2.0 U	2.0 U *	5.0 UJ	1.0 U	20 U	20 U	20 U *	2.0 U	2.0 U	2.0 U	1.0 U *	2.0 U *	1.0 U	1.0 U	1.0 U *	1.0 U	1.0 U	4.0 U
Bromomethane (Methyl bromide)	µg/L	5[B]	500 U	5.0 U	2.0 UJ	2.0 U	2.0 U	10 U	5.0 U	20 UJ	20 UJ	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U F2	1.0 U	1.0 U	1.0 UJ	1.0 U	4.0 UJ
Butylbenzene, n-	µg/L	5[B]	**110[B]**	1.0 U	2.0 U	2.0 U	2.0 U	-	**9.0[B]**	**55[B]**	**58[B]**	**29[B]**	2.0 U	2.0 U	2.3	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**7.8[B]**	4.0 U
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[B]	100 U	1.0 U	2.0 U	2.0 U	2.0 U	-	4.9	20 U	20 U	20 U	2.0 U	2.6	2.5	1.0	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.2	4.0 U
Butylbenzene, tert-	µg/L	5[B]	100 U	1.0 U	2.0 U	2.0 U	2.0 U	-	1.0 U	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Carbon Disulfide	µg/L	60[A]	100 U	1.0 U	2.0 U	2.0 U	2.0 U	5.0 U	1.0 U	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	100 U	1.0 U	2.0 U	2.0 U	2.0 U	5.0 U	1.0 U	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Chlorobenzene (Monochlorobenzene)	µg/L	5[B]	100 U	1.0 U	2.0 U	2.0 U	2.0 U	5.0 U	1.0 U	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Chlorobromomethane	µg/L	5[B]	100 U	1.0 U	-	-	-	-	1.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane (Ethyl Chloride)	µg/L	5[B]	500 U	5.0 U	2.0 U	2.0 U	2.0 U	5.0 U	5.0 U	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U F2	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Chloroform (Trichloromethane)	µg/L	7[B]	500 U	5.0 U	2.0 U	2.0 U	2.0 U	5.0 U	5.0 U	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Chloromethane	µg/L	5[B]	250 U	2.5 U	2.0 U	2.0 U	2.0 U	5.0 U	**36[B]**	20 U	20 U	20 U	2.0 U	2.0 U *	2.0 U *	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U *	4.0 U
Cyclohexane	µg/L	n/v	160	1.0 U	2.0 U	2.0 U	2.0 U	210	100	250	300	290	2.0 U	27 J	15 J	13	13	1.0 U	1.0 U	1.0 U	11	58	48
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[B]	500 U	5.0 U	2.0 U	2.0 U	2.0 U	5.0 U	5.0 U	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Dibromochloromethane	µg/L	50[A]	100 U	1.0 U	2.0 U	2.0 U	2.0 U *	5.0 U	1.0 U	20 U	20 U	20 U *	2.0 U	2.0 U	2.0 U	1.0 U *	2.0 U *	1.0 U	1.0 U	1.0 U *	1.0 U	1.0 U	4.0 U
Dichlorobenzene, 1,2-	µg/L	3[B]	100 U	1.0 U	2.0 U	2.0 U	2.0 U	5.0 U	1.0 U	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Dichlorobenzene, 1,3-	µg/L	3[B]	100 U	1.0 U	2.0 U	2.0 U	2.0 U	5.0 U	1.0 U	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Dichlorobenzene, 1,4-	µg/L	3[B]	100 U	1.0 U	2.0 U	2.0 U	2.0 U	5.0 U	1.0 U	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Dichlorodifluoromethane (Freon 12)	µg/L	5[B]	500 U	5.0 U	2.0 U	2.0 U *	2.0 UJ	5.0 U	5.0 U	20 U	20 U	20 UJ	2.0 U	2.0 U *	2.0 U *	1.0 U	2.0 U	1.0 U	1.0 U *	1.0 U	1.0 U	1.0 U *	4.0 U
Dichloroethane, 1,1-	µg/L	5[B]	100 U	1.0 U	2.0 U	2.0 U	2.0 U	5.0 U	3.8	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Dichloroethane, 1,2-	µg/L	0.6[B]	100 U	1.0 U	2.0 U	2.0 U	2.0 U	**2.9 J[B]**	1.0 U	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Dichloroethene, 1,1-	µg/L	5[B]	100 U	1.0 U	2.0 U	2.0 U	2.0 U	5.0 U	1.0 U	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Dichloroethene, cis-1,2-	µg/L	5[B]	100 U	**8.5[B]**	2.0 U	2.0 U	2.0 U	5.0 U	1.0 U	20 U	20 U	20 U	2.1	2.0 U	2.0 U	1.6	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Dichloroethene, trans-1,2-	µg/L	5[B]	100 U	1.0 U	2.0 U	2.0 U	2.0 U	5.0 U	1.0 U	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Dichloropropane, 1,2-	µg/L	1[B]	100 U	1.0 U	2.0 U	2.0 U	2.0 U	5.0 U	1.0 U	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Dichloropropene, cis-1,3-	µg/L	0.4[p][B]	100 U	1.0 U	2.0 U	2.0 U	2.0 U	5.0 U	1.0 U	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Dichloropropene, trans-1,3-	µg/L	0.4[p][B]	100 U	1.0 U	2.0 U	2.0 U	2.0 U	5.0 U	1.0 U	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Dioxane, 1,4-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/L	5[B]	**390[B]**	1.0 U	2.0 U	2.0 U	2.0 U	**260[B]**	**730[B]**	**900[B]**	**970[B]**	**1,200[B]**	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**75[B]**	**38[B]**
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[B]	100 U	1.0 U	2.0 U	2.0 U	2.0 U	5.0 U	1.0 U	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[A]	1,000 U	10 U	10 U	10 U	10 U	10 U	10 U	100 U	100 U	100 U	10 U	10 U	10 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U
Isopropylbenzene	µg/L	5[B]	**190[B]**	1.0 U	2.0 U	2.0 U	2.0 U	**23[B]**	**41[B]**	**72[B]**	**76[B]**	**67[B]**	2.0 U	3.3	3.3	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**11[B]**	4.3
Isopropyltoluene, p- (Cymene)	µg/L	5[B]	100 U	1.0 U	2.0 U	2.0 U	2.0 U	-	**12[B]**	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.4	4.0 U
Methyl Acetate	µg/L	n/v	2,000 U	20 U	5.0 U	5.0 U	5.0 U	10 U	20 U	50 U	50 U	50 U	5.0 U	5.0 U	5.0 U	2.5 U	5.0 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	10 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50[A]	1,000 U	10 U	20 U	20 U	20 U	12	10 U	200 U	200 U	200 U	20 U	20 U	20 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U	40 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	1,000 U	10 U	10 U	10 U	10 U	10 U	10 U	100 U	100 U	100 U	10 U	10 U	10 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U
Methyl tert-butyl ether (MTBE)	µg/L	10[A]	100 U	1.0 U	2.0 U	2.0 U	2.0 U	**130 J[A]**	**29[A]**	**62[A]**	20 U	**270[A]**	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Methylcyclohexane	µg/L	n/v	420	1.0 U	2.0 U	2.0 U	2.0 U	130	62	180	210	170	2.0 U	9.2	9.1	1.8	2.0 U	1.0 U	1.0 U	1.0 U	9.6	53	32
Methylene Chloride (Dichloromethane)	µg/L	5[B]	500 U	5.0 U	2.0 U	2.0 U	2.0 U	5.0 UJ	5.0 U	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Naphthalene	µg/L	10[B]	**1,000[B]**	5.0 U	2.0 U	2.0 U	2.0 U	-	**210[B]**	**310[B]**	**330[B]**	**270[B]**	2.0 U	5.1	5.6	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**23[B]**	10
Propylbenzene, n-	µg/L	5[B]	**580[B]**	1.0 U	2.0 U	2.0 U	2.0 U	-	**110[B]**	**180[B]**	**180[B]**	**180[B]**	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**33[B]**	**13[B]**
Styrene	µg/L	5[B]	100 U	1.0 U	2.0 U	2.0 U	2.0 U	5.0 U	1.8	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Tetrachloroethane, 1,1,2,2-	µg/L	5[B]	100 U	1.0 U	2.0 U	2.0 U	2.0 U	5.0 U	1.0 U	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Tetrachloroethene (PCE)	µg/L	5[B]	100 U	**23[B]**	**5.2[B]**	4.2	3.7	5.0 U	1.0 U	20 U	20 U	20 U	**14[B]**	**8.9[B]**	**8.5[B]**	**11[B]**	**9.9[B]**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Toluene	µg/L	5[B]	500 U	5.0 U	2.0 U	2.0 U	2.0 U	**180[B]**	**82[B]**	**230[B]**	**260[B]**	**490[B]**	2.0 U	2.3	2.0	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**19[B]**	4.2
Trichlorobenzene, 1,2,3-	µg/L	5[B]	100 U	1.0 U	-	-	-	-	1.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobenzene, 1,2,4-	µg/L	5[B]	100 U	1.0 U	2.0 U	2.0 U	2.0 U	5.0 U	1.0 U	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Trichloroethane, 1,1,1-	µg/L	5[B]	100 U	1.0 U	2.0 U	2.0 U	2.0 U	5.0 U	1.0 U	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Trichloroethane, 1,1,2-	µg/L	1[B]	100 U	1.0 U	2.0 U	2.0 U	2.0 U	5.0 U	1.0 U	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Trichloroethene (TCE)	µg/L	5[B]	100 U	**7.0[B]**	2.0 U	2.0 U	2.0 U	5.0 UJ	1.0 U	20 U	20 U	20 U	**12[B]**	**5.9[B]**	**6.2[B]**	**5.9[B]**	**5.3[B]**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Trichlorofluoromethane (Freon 11)	µg/L	5[B]	500 U	5.0 U	2.0 U	2.0 U	2.0 U	5.0 U	5.0 U	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5[B]	100 U	1.0 U	2.0 U	2.0 U	2.0 U	5.0 U	1.0 U	20 U	20 U	20 U	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Trimethylbenzene, 1,2,4-	µg/L	5[B]	**5,600[B]**	1.9	2.0 U	2.0 U	2.0 U	-	**920[B]**	**1,500[B]**	**1,500[B]**	**1,300[B]**	2.0 U	**21[B]**	**22[B]**	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	2.4	**230[B]**	**130[B]**
Trimethylbenzene, 1,3,5-	µg/L	5[B]	**1,400[B]**	1.0 U	2.0 U	2.0 U	2.0 U	-	**230[B]**	**390[B]**	**390[B]**	**320[B]**	2.0 U	4.1	4.1	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	**5.8[B]**	**59[B]**	**38[B]**
Vinyl Chloride	µg/L	2[B]	100 U	1.0 U	2.0 U	2.0 U	2.0 UJ	5.0 U	1.0 U	20 U	20 U	20 UJ	2.0 U	2.0 U	2.0 U	1.0 U	2.0 U	1.0 U F2	1.0 U	1.0 U	1.0 U	1.0 U	4.0 U
Xylene, m & p-	µg/L	5[B]	**2,600[B]**	2.0 U	-	-	-	-	**770[B]**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene, o-	µg/L	5[B]	**180[B]**	1.0 U	-	-	-	-	**36[B]**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes, Total	µg/L	5[B]	-	-	4.0 U	4.0 U	4.0 U	**1,500[B]**	-	**1,800[B]**	**1,900[B]**	**2,800[B]**	4.0 U	**22[B]**	**22[B]**	2.0 U	4.0 U	2.0 U	2.0 U	2.0 U	2.0 U	**160[B]**	**84[B]**
Total VOC	µg/L	n/v	12,630	40.4	5.2	4.2	3.7	3,871.9	4,857.5	5,009	5,264	6,686	28.1	99.2	90.2	39.3	33	ND	ND	ND	28.8	616.4	323.3
VOC TICs																							
Total VOC TICs	µg/L	n/v	-	-	ND	ND	6.2 T J	-	-	6,560 TJN	8,620 TJN	7,080 TJN	13.3 T J	589 TJN	551 TJN	278.8 TJN	272 TJN	5.9 T J	ND	ND	180.3 TJN	924 TJN	859 TJN

See notes on last page.

Table 2
Summary of Analytical Results for Groundwater
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location			MW-104R		B/MW-106		MW-106R			B/MW-107			B/MW-110					B/MW-112		MW-112R		B/MW-113	
Sample Date			27-Jun-23	29-Sep-23	2-Oct-18	24-Apr-19	26-Jun-23	29-Sep-23	29-Sep-23	1-Oct-18	26-Feb-19	25-Apr-19	2-Oct-18	28-Feb-19	24-Apr-19	28-Jun-23	28-Sep-23	2-Mar-19	24-Apr-19	27-Jun-23	28-Sep-23	28-Feb-19	24-Apr-19
Sample ID			CNL-MW104R-W	CNL-MW104R-W	CNL-MW106-GW	CNL-MW106-W	CNL-MW106R-W	CNL-MW106R-W	CNL-FD-W	CNL-MW107-GW	CNL-MW107-W	CNL-MW107-W	CNL-MW110-GW	CNL-MW110-W	CNL-MW110-W	CNL-MW110-W	CNL-MW110-W	CNL-MW112-W	CNL-MW112-W	CNL-MW112R-W	CNL-MW112R-W	CNL-MW113-W	CNL-MW113-W
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			ALPHA	ALPHA	TALBU	TALBU	ALPHA	ALPHA	ALPHA	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	ALPHA	ALPHA	TALBU	TALBU	ALPHA	ALPHA	TALBU	TALBU
Laboratory Work Order			L2336825	L2357541	480-142699-1	480-152563-1	L2336550	L2357541	L2357541	480-142699-1	480-149237-1	480-152563-1	480-142699-1	480-149237-1	480-152563-1	L2337095	L2357204	480-149237-1	480-152563-1	L2336825	L2357204	480-149237-1	480-152563-1
Laboratory Sample ID			L2336825-05	L2357541-04	480-142788-2	480-152563-3	L2336550-01	L2357541-03	L2357541-05	480-142699-3	480-149515-3	480-152675-1	480-142788-3	480-149629-3	480-152563-1	L2337095-01	L2357204-03	480-149763-1	480-152563-6	L2336825-04	L2357204-02	480-149629-6	480-152563-7
Sample Type	Units	TOGS							Field Duplicate															
General Chemistry																								
Cyanide	mg/L	0.2[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide (Reactive)	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flashpoint	deg F	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrate	mg/L	n/v	0.079 J	0.10 U	-	-	0.39	0.049 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrate (as N)	mg/L	10[B]	-	-	0.050 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrite	mg/L	n/v	0.033 J	0.050 U	-	-	0.22	0.030 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH, lab	S.U.	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate	mg/L	250[B]	-	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate	mg/L	250[B]	**688[B]**	**426[B]**	-	-	**488[B]**	**274[B]**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfide (Reactive)	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfur	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Temperature, Lab	deg C	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.5	14.2	-	-	-
Metals, Dissolved																								
Aluminum	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	mg/L	0.003[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/L	0.025[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0083	-	-	-
Barium	mg/L	1[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/L	0.003[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	0.005[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.05[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	0.2[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	0.3.[B]	-	-	**0.75 J[B]**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.025[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	35[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.3.[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.560[B]**	-	-	-
Mercury	mg/L	0.0007[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	mg/L	0.1[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.01[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	0.05[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	mg/L	20[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.0005[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	2[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals, Total																								
Aluminum	mg/L	n/v	-	-	-	-	-	-	-	-	0.20 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	mg/L	0.003[B]	-	-	-	-	-	-	-	-	0.020 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/L	0.025[B]	-	-	-	-	-	-	-	-	0.015 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	mg/L	1[B]	-	-	-	-	-	-	-	-	0.063	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/L	0.003[A]	-	-	-	-	-	-	-	-	0.0020 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	0.005[B]	-	-	-	-	-	-	-	-	0.0020 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	mg/L	n/v	-	-	-	-	-	-	-	-	108	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.05[B]	-	-	-	-	-	-	-	-	0.0040 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	n/v	-	-	-	-	-	-	-	-	0.0040 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	0.2[B]	-	-	-	-	-	-	-	-	0.010 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	0.3.[B]	-	-	**0.46 J[B]**	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	-	-	**1.52[B]**	-	-	-
Lead	mg/L	0.025[B]	-	-	-	-	-	-	-	-	0.010 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	35[A]	-	-	-	-	-	-	-	-	18.2	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.3.[B]	-	-	-	-	-	-	-	-	0.15	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	0.0007[B]	-	-	-	-	-	-	-	-	0.00020 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	mg/L	0.1[B]	-	-	-	-	-	-	-	-	0.010 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	mg/L	n/v	-	-	-	-	-	-	-	-	11.7	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.01[B]	-	-	-	-	-	-	-	-	0.025 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	0.05[B]	-	-	-	-	-	-	-	-	0.0060 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	mg/L	20[B]	-	-	-	-	-	-	-	-	**287[B]**	-	-	-	-	-	-	-	-	-	**346[B]**	-	-	-
Thallium	mg/L	0.0005[A]	-	-	-	-	-	-	-	-	0.020 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/L	n/v	-	-	-	-	-	-	-	-	0.0050 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	2[A]	-	-	-	-	-	-	-	-	0.010 U	-	-	-	-	-	-	-	-	-	-	-	-	-

See notes on last page.

Table 2
Summary of Analytical Results for Groundwater
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location			MW-104R		B/MW-106		MW-106R			B/MW-107			B/MW-110					B/MW-112		MW-112R		B/MW-113	
Sample Date			27-Jun-23	29-Sep-23	2-Oct-18	24-Apr-19	26-Jun-23	29-Sep-23	29-Sep-23	1-Oct-18	26-Feb-19	25-Apr-19	2-Oct-18	28-Feb-19	24-Apr-19	28-Jun-23	28-Sep-23	2-Mar-19	24-Apr-19	27-Jun-23	28-Sep-23	28-Feb-19	24-Apr-19
Sample ID			CNL-MW104R-W	CNL-MW104R-W	CNL-MW106-GW	CNL-MW106-W	CNL-MW106R-W	CNL-MW106R-W	CNL-FD-W	CNL-MW107-GW	CNL-MW107-W	CNL-MW107-W	CNL-MW110-GW	CNL-MW110-W	CNL-MW110-W	CNL-MW110-W	CNL-MW110-W	CNL-MW112-W	CNL-MW112-W	CNL-MW112R-W	CNL-MW112R-W	CNL-MW113-W	CNL-MW113-W
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			ALPHA	ALPHA	TALBU	TALBU	ALPHA	ALPHA	ALPHA	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	ALPHA	ALPHA	TALBU	TALBU	ALPHA	ALPHA	TALBU	TALBU
Laboratory Work Order			L2336825	L2357541	480-142699-1	480-152563-1	L2336550	L2357541	L2357541	480-142699-1	480-149237-1	480-152563-1	480-142699-1	480-149237-1	480-152563-1	L2337095	L2357204	480-149237-1	480-152563-1	L2336825	L2357204	480-149237-1	480-152563-1
Laboratory Sample ID			L2336825-05	L2357541-04	480-142788-2	480-152563-3	L2336550-01	L2357541-03	L2357541-05	480-142699-3	480-149515-3	480-152675-1	480-142788-3	480-149629-3	480-152563-1	L2337095-01	L2357204-03	480-149763-1	480-152563-6	L2336825-04	L2357204-02	480-149629-6	480-152563-7
Sample Type	Units	TOGS							Field Duplicate															
Polychlorinated Biphenyls																								
Aroclor 1016	µg/L	0.09[B]	-	-	-	-	-	-	-	-	0.50 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1221	µg/L	0.09[B]	-	-	-	-	-	-	-	-	0.50 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1232	µg/L	0.09[B]	-	-	-	-	-	-	-	-	0.50 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1242	µg/L	0.09[B]	-	-	-	-	-	-	-	-	0.50 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1248	µg/L	0.09[B]	-	-	-	-	-	-	-	-	0.50 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1254	µg/L	0.09[B]	-	-	-	-	-	-	-	-	0.50 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1260	µg/L	0.09[B]	-	-	-	-	-	-	-	-	0.50 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls (PCBs)	µg/L	0.09$_b$[B]	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
Pesticides																								
Aldrin	µg/L	n/v	-	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	-	-	-	-	-	-
BHC, alpha-	µg/L	0.01[B]	-	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	-	-	-	-	-	-
BHC, beta-	µg/L	0.04[B]	-	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	-	-	-	-	-	-
BHC, delta-	µg/L	0.04[B]	-	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Camphechlor (Toxaphene)	µg/L	0.06[B]	-	-	-	-	-	-	-	-	0.50 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane, alpha-	µg/L	n/v	-	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane, trans- (gamma-Chlordane)	µg/L	n/v	-	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	-	-	-	-	-	-
DDD (p,p'-DDD)	µg/L	0.3[B]	-	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	-	-	-	-	-	-
DDE (p,p'-DDE)	µg/L	0.2[B]	-	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	-	-	-	-	-	-
DDT (p,p'-DDT)	µg/L	0.2[B]	-	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	µg/L	0.004[B]	-	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	µg/L	n/v	-	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	µg/L	n/v	-	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan Sulfate	µg/L	n/v	-	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin	µg/L	n/v	-	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin Aldehyde	µg/L	5$_n$[B]	-	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin Ketone	µg/L	5$_n$[B]	-	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	µg/L	0.04[AB]	-	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor Epoxide	µg/L	0.03[B]	-	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Lindane (Hexachlorocyclohexane, gamma)	µg/L	0.05[B]	-	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor (4,4'-Methoxychlor)	µg/L	35[B]	-	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane																								
Dioxane, 1,4-	µg/L	n/v	-	-	-	-	-	-	-	-	0.20 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Polycyclic Aromatic Hydrocarbons																								
Acenaphthene	µg/L	20[B]	-	-	-	-	-	-	-	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	µg/L	n/v	-	-	-	-	-	-	-	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/L	50[A]	-	-	-	-	-	-	-	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	0.002[A]	-	-	-	-	-	-	-	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/L	ND[B]	-	-	-	-	-	-	-	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/L	0.002[A]	-	-	-	-	-	-	-	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/L	n/v	-	-	-	-	-	-	-	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/L	0.002[A]	-	-	-	-	-	-	-	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloronaphthalene, 2-	µg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/L	0.002[A]	-	-	-	-	-	-	-	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	µg/L	n/v	-	-	-	-	-	-	-	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/L	50[A]	-	-	-	-	-	-	-	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	µg/L	50[A]	-	-	-	-	-	-	-	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/L	0.002[A]	-	-	-	-	-	-	-	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene, 1-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene, 2-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/L	10[B]	-	-	-	-	-	-	-	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/L	50[A]	-	-	-	-	-	-	-	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	µg/L	50[A]	-	-	-	-	-	-	-	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Total PAH	µg/L	n/v	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-

See notes on last page.

Table 2
Summary of Analytical Results for Groundwater
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location			MW-104R		B/MW-106		MW-106R			B/MW-107			B/MW-110					B/MW-112		MW-112R		B/MW-113	
Sample Date			27-Jun-23	29-Sep-23	2-Oct-18	24-Apr-19	26-Jun-23	29-Sep-23	29-Sep-23	1-Oct-18	26-Feb-19	25-Apr-19	2-Oct-18	28-Feb-19	24-Apr-19	28-Jun-23	28-Sep-23	2-Mar-19	24-Apr-19	27-Jun-23	28-Sep-23	28-Feb-19	24-Apr-19
Sample ID			CNL-MW104R-W	CNL-MW104R-W	CNL-MW106-GW	CNL-MW106-W	CNL-MW106R-W	CNL-MW106R-W	CNL-FD-W	CNL-MW107-GW	CNL-MW107-W	CNL-MW107-W	CNL-MW110-GW	CNL-MW110-W	CNL-MW110-W	CNL-MW110-W	CNL-MW110-W	CNL-MW112-W	CNL-MW112-W	CNL-MW112R-W	CNL-MW112R-W	CNL-MW113-W	CNL-MW113-W
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			ALPHA	ALPHA	TALBU	TALBU	ALPHA	ALPHA	ALPHA	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	ALPHA	ALPHA	TALBU	TALBU	ALPHA	ALPHA	TALBU	TALBU
Laboratory Work Order			L2336825	L2357541	480-142699-1	480-152563-1	L2336550	L2357541	L2357541	480-142699-1	480-149237-1	480-152563-1	480-142699-1	480-149237-1	480-152563-1	L2337095	L2357204	480-149237-1	480-152563-1	L2336825	L2357204	480-149237-1	480-152563-1
Laboratory Sample ID			L2336825-05	L2357541-04	480-142788-2	480-152563-3	L2336550-01	L2357541-03	L2357541-05	480-142699-3	480-149515-3	480-152675-1	480-142788-3	480-149629-3	480-152563-1	L2337095-01	L2357204-03	480-149763-1	480-152563-6	L2336825-04	L2357204-02	480-149629-6	480-152563-7
Sample Type	Units	TOGS							Field Duplicate															
Semi-Volatile Organic Compounds																								
Acenaphthene	µg/L	20[B]	0.13	0.08 J	-	-	0.10 U	0.02 J	0.03 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	µg/L	n/v	0.09 J	0.10 U	-	-	0.10 U	0.10 U	0.10 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetophenone	µg/L	n/v	5.0 U	5.0 U	-	-	5.0 U	5.0 U	5.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/L	50[A]	0.06 J	0.04 J	-	-	0.03 J	0.02 J	0.02 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atrazine	µg/L	7.5[B]	10 U	10 U	-	-	10 U	10 U	10 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/L	n/v	5.0 U	5.0 U	-	-	5.0 U	5.0 U	5.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	0.002[A]	0.10 U	0.10 U	-	-	**0.02 J[A]**	0.10 U	0.10 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/L	ND[B]	0.10 U	0.10 U	-	-	0.06 J	0.10 U	0.10 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/L	0.002[A]	0.10 U	**0.02 J[A]**	-	-	**0.03 J[A]**	0.10 U	**0.02 J[A]**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/L	n/v	0.10 U	0.10 U	-	-	0.14	0.10 U	0.10 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/L	0.002[A]	**0.01 J[A]**	0.10 U	-	-	**0.02 J[A]**	0.10 U	**0.01 J[A]**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl	µg/L	5[B]	2.0 U	2.0 U	-	-	2.0 U	2.0 U	2.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-Chloroethoxy)methane	µg/L	5[B]	5.0 U	5.0 U	-	-	5.0 U	5.0 U	5.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-Chloroethyl)ether	µg/L	1[B]	2.0 U	2.0 U	-	-	2.0 U	2.0 U	2.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/L	5[B]	2.0 U	2.0 U	-	-	2.0 U	2.0 U	2.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5[B]	3.0 U	3.0 U	-	-	1.7 J	3.0 U	3.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromophenyl Phenyl Ether, 4-	µg/L	n/v	2.0 U	2.0 U	-	-	2.0 U	2.0 U	2.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Butyl Benzyl Phthalate	µg/L	50[A]	5.0 U	5.0 U	-	-	5.0 U	5.0 U	5.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	µg/L	n/v	10 U	10 U	-	-	10 U	10 U	10 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	µg/L	n/v	2.0 U	2.0 U	-	-	2.0 U	2.0 U	2.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloro-3-methyl phenol, 4-	µg/L	n/v	2.0 U	2.0 U	-	-	2.0 U	2.0 U	2.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroaniline, 4-	µg/L	5[B]	5.0 U	5.0 U	-	-	5.0 U	5.0 U	5.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloronaphthalene, 2-	µg/L	10[B]	0.20 U	0.20 U	-	-	0.20 U	0.20 U	0.20 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorophenol, 2- (ortho-Chlorophenol)	µg/L	n/v	2.0 U	2.0 U	-	-	2.0 U	2.0 U	2.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorophenyl Phenyl Ether, 4-	µg/L	n/v	2.0 U	2.0 U	-	-	2.0 U	2.0 U	2.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/L	0.002[A]	0.10 U	0.10 U	-	-	**0.03 J[A]**	0.10 U	0.10 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cresol, m & p- (Methylphenol, 3&4-)	µg/L	n/v	1.6 J	5.0 U	-	-	5.0 U	5.0 U	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cresol, o- (Methylphenol, 2-)	µg/L	n/v	5.0 U	5.0 U	-	-	5.0 U	5.0 U	5.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Cresol, p- (Methylphenol, 4-)	µg/L	n/v	-	-	-	-	-	-	-	-	10 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	µg/L	n/v	0.10 U	0.10 U	-	-	0.06 J	0.10 U	0.10 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/L	n/v	2.0 U	2.0 U	-	-	2.0 U	2.0 U	2.0 U	-	10 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibutyl Phthalate (DBP)	µg/L	50[B]	5.0 U	5.0 U	-	-	5.0 U	5.0 U	5.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobenzidine, 3,3'-	µg/L	5[B]	5.0 U	5.0 U	-	-	5.0 U	5.0 U	5.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorophenol, 2,4-	µg/L	5[B]	5.0 U	5.0 U	-	-	5.0 U	5.0 U	5.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl Phthalate	µg/L	50[A]	5.0 U	5.0 U	-	-	5.0 U	5.0 U	5.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl Phthalate	µg/L	50[A]	5.0 U	5.0 U	-	-	5.0 U	5.0 U	5.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylphenol, 2,4-	µg/L	50[A]	5.0 U	5.0 U	-	-	5.0 U	5.0 U	5.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Dinitro-o-cresol, 4,6-	µg/L	n/v	10 U	10 U	-	-	10 U	10 U	10 U	-	10 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Dinitrophenol, 2,4-	µg/L	10[A]	20 U	20 U	-	-	20 U	20 U	20 U	-	10 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Dinitrotoluene, 2,4-	µg/L	5[B]	5.0 U	5.0 U	-	-	5.0 U	5.0 U	5.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Dinitrotoluene, 2,6-	µg/L	5[B]	5.0 U	5.0 U	-	-	5.0 U	5.0 U	5.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-Octyl phthalate	µg/L	50[A]	5.0 U	5.0 U	-	-	5.0 U	5.0 U	5.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/L	50[A]	0.03 J	0.10 U	-	-	0.03 J	0.02 J	0.03 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	µg/L	50[A]	0.18	0.09 J	-	-	0.07 J	0.03 J	0.04 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg/L	0.04[B]	0.80 U	0.80 U	-	-	0.80 U	0.80 U	0.80 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/L	0.5[B]	0.50 U	0.50 U	-	-	0.50 U	0.50 U	0.50 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/L	5[B]	20 U	20 U	-	-	20 U	20 U	20 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/L	5[B]	0.80 U	0.80 U	-	-	0.80 U	0.80 U	0.80 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/L	0.002[A]	0.10 U	0.10 U	-	-	**0.08 J[A]**	0.10 U	**0.01 J[A]**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone	µg/L	50[A]	5.0 U	5.0 U	-	-	5.0 U	5.0 U	5.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene, 2-	µg/L	n/v	0.45	0.10 U	-	-	0.60	0.27	0.36	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/L	10[B]	**20[B]**	0.84	-	-	1.0	0.67	0.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitroaniline, 2-	µg/L	5[B]	5.0 U	5.0 U	-	-	5.0 U	5.0 U	5.0 U	-	10 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitroaniline, 3-	µg/L	5[B]	5.0 U	5.0 U	-	-	5.0 U	5.0 U	5.0 U	-	10 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitroaniline, 4-	µg/L	5[B]	5.0 U	5.0 U	-	-	5.0 U	5.0 U	5.0 U	-	10 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	µg/L	0.4[B]	2.0 U	2.0 U	-	-	2.0 U	2.0 U	2.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrophenol, 2-	µg/L	n/v	10 U	10 U	-	-	10 U	10 U	10 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrophenol, 4-	µg/L	n/v	10 U	10 U	-	-	10 U	10 U	10 U	-	10 U	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-Propylamine	µg/L	n/v	5.0 U	5.0 U	-	-	5.0 U	5.0 U	5.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Nitrosodiphenylamine	µg/L	50[A]	2.0 U	2.0 U	-	-	2.0 U	2.0 U	2.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/L	1.0[B]	0.25 J	0.27 J	-	-	0.80 U	**3.8[B]**	**4.4[B]**	-	10 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/L	50[A]	0.11	0.10 U	-	-	0.06 J	0.04 J	0.05 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	µg/L	1.0[B]	1.0 J	5.0 U	-	-	5.0 U	5.0 U	5.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	µg/L	50[A]	0.03 J	0.10 U	-	-	0.03 J	0.02 J	0.03 J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobenzene, 1,2,4,5-	µg/L	n/v	10 U	10 U	-	-	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorophenol, 2,3,4,6-	µg/L	n/v	5.0 U	5.0 U	-	-	5.0 U	5.0 U	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorophenol, 2,4,5-	µg/L	n/v	5.0 U	5.0 U	-	-	5.0 U	5.0 U	5.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorophenol, 2,4,6-	µg/L	n/v	5.0 U	5.0 U	-	-	5.0 U	5.0 U	5.0 U	-	5.0 U	-	-	-	-	-	-	-	-	-	-	-	-	-
Cresol, m- (Methylphenol, 3-)	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total SVOC	µg/L	n/v	23.94	1.34	-	-	3.96	4.89	5.86	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
SVOC TICs																								
Total SVOC TICs	µg/L	n/v	1,810 J	378 J	-	-	-	85.0 J	79.2 J	-	151.2 TJN	-	-	-	-	-	-	-	-	-	-	-	-	-

See notes on last page.

Table 2
Summary of Analytical Results for Groundwater
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location			MW-104R		B/MW-106		MW-106R			B/MW-107			B/MW-110					B/MW-112		MW-112R		B/MW-113	
Sample Date			27-Jun-23	29-Sep-23	2-Oct-18	24-Apr-19	26-Jun-23	29-Sep-23	29-Sep-23	1-Oct-18	26-Feb-19	25-Apr-19	2-Oct-18	28-Feb-19	24-Apr-19	28-Jun-23	28-Sep-23	2-Mar-19	24-Apr-19	27-Jun-23	28-Sep-23	28-Feb-19	24-Apr-19
Sample ID			CNL-MW104R-W	CNL-MW104R-W	CNL-MW106-GW	CNL-MW106-W	CNL-MW106R-W	CNL-MW106R-W	CNL-FD-W	CNL-MW107-GW	CNL-MW107-W	CNL-MW107-W	CNL-MW110-GW	CNL-MW110-W	CNL-MW110-W	CNL-MW110-W	CNL-MW110-W	CNL-MW112-W	CNL-MW112-W	CNL-MW112R-W	CNL-MW112R-W	CNL-MW113-W	CNL-MW113-W
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			ALPHA	ALPHA	TALBU	TALBU	ALPHA	ALPHA	ALPHA	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	ALPHA	ALPHA	TALBU	TALBU	ALPHA	ALPHA	TALBU	TALBU
Laboratory Work Order			L2336825	L2357541	480-142699-1	480-152563-1	L2336550	L2357541	L2357541	480-142699-1	480-149237-1	480-152563-1	480-142699-1	480-149237-1	480-152563-1	L2337095	L2357204	480-149237-1	480-152563-1	L2336825	L2357204	480-149237-1	480-152563-1
Laboratory Sample ID			L2336825-05	L2357541-04	480-142788-2	480-152563-3	L2336550-01	L2357541-03	L2357541-05	480-142699-3	480-149515-3	480-152675-1	480-142788-3	480-149629-3	480-152563-1	L2337095-01	L2357204-03	480-149763-1	480-152563-6	L2336825-04	L2357204-02	480-149629-6	480-152563-7
Sample Type									Field Duplicate														
Volatile Organic Compounds																							
Acetone	µg/L	50[A]	**2,500[A]**	**630[A]**	100 U	1,000 U	16	3.2 J	4.3 J	10 U	10 U	10 U	10 U	10 U	10 U	5.0 U	2.0 J	10 U	10 U	7.9	4.2 J	10 U	10 U
Benzene	µg/L	1[B]	**110[B]**	**53[B]**	**680[B]**	**290[B]**	**1.8[B]**	**2.6[B]**	**2.6[B]**	1.0 U	1.0 U	1.0 U	**1.2[B]**	**1.7[B]**	**3.2[B]**	1.0	**1.1[B]**	1.0 U	1.0 U	0.50 U	0.50 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	50[A]	12 U	1.0 U	10 U	100 U	0.50 U	0.50 U	0.50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	1.0 U	1.0 U	0.50 U	0.50 U	1.0 U	1.0 U
Bromoform (Tribromomethane)	µg/L	50[A]	50 U	4.0 U	10 U	100 U	2.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U *	2.0 U	2.0 U	1.0 U	1.0 U F1*
Bromomethane (Methyl bromide)	µg/L	5[B]	62 U	5.0 U	10 UJ	100 UJ	2.5 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	2.5 U	2.5 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U
Butylbenzene, n-	µg/L	5[B]	-	5.0 U	10 U	100 U	-	2.5 U	2.5 U	1.0 U	2.3	1.3	1.0 U	1.0 U	1.0 U	-	2.5 U	1.0 U	1.0 U	-	2.5 U	1.0 U	1.0 U
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[B]	-	5.0 U	10 U	100 U	-	2.5 U	2.5 U	1.0 U	2.0	1.2	1.0 U	1.0 U	1.0 U	-	2.5 U	1.0 U	1.0 U	-	2.5 U	1.0 U	1.0 U
Butylbenzene, tert-	µg/L	5[B]	-	5.0 U	10 U	100 U	-	2.5 U	2.5 U	1.0 U	1.0 U F1	1.0 U	1.0 U	1.0 U	1.0 U	-	2.5 U	1.0 U	1.0 U	-	2.5 U	1.0 U	1.0 U
Carbon Disulfide	µg/L	60[A]	120 U	10 U	10 U	100 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	12 U	1.0 U	10 U	100 U	0.50 U	0.50 U	0.50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	1.0 U	1.0 U	0.50 U	0.50 U	1.0 U	1.0 U F1
Chlorobenzene (Monochlorobenzene)	µg/L	5[B]	62 U	5.0 U	10 U	100 U	2.5 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U
Chlorobromomethane	µg/L	5[B]	62 U	-	-	-	2.5 U	-	-	-	-	-	-	-	-	2.5 U	-	-	-	2.5 U	-	-	-
Chloroethane (Ethyl Chloride)	µg/L	5[B]	62 U	5.0 U	10 U	100 U F2	2.5 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	7[B]	62 U	5.0 U	10 U	100 U	2.5 U	2.5 U	2.5 U	3.3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U
Chloromethane	µg/L	5[B]	62 U	5.0 U	10 U	100 U F1	2.5 U	2.5 U	2.5 U	1.0 U	1.0 U F1*	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U *	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U
Cyclohexane	µg/L	n/v	41 J	36	200	100 U	4.7 J	5.4 J	5.7 J	1.3	10 F1	9.9	1.0 U	1.0 U	1.0 U	10 U	10 U	1.0 U	1.0 U	10 U	10 U	5.0	1.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[B]	62 U	5.0 U	10 U	100 U	2.5 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	50[A]	12 U	1.0 U	10 U	100 U	0.50 U	0.50 U	0.50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	1.0 U	1.0 U *	0.50 U	0.50 U	1.0 U	1.0 U F1*
Dichlorobenzene, 1,2-	µg/L	3[B]	62 U	5.0 U	10 U	100 U	2.5 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U
Dichlorobenzene, 1,3-	µg/L	3[B]	62 U	5.0 U	10 U	100 U	2.5 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U
Dichlorobenzene, 1,4-	µg/L	3[B]	62 U	5.0 U	10 U	100 U	2.5 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U
Dichlorodifluoromethane (Freon 12)	µg/L	5[B]	120 U	10 U	10 U	100 U	5.0 U	5.0 U	5.0 U	1.0 U	1.0 U F1*	1.0 U	1.0 U	1.0 U *	1.0 U	5.0 U	5.0 U	1.0 U *	1.0 UJ	5.0 U	5.0 U	1.0 U *	1.0 UJ
Dichloroethane, 1,1-	µg/L	5[B]	62 U	5.0 U	10 U	100 U	2.5 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U
Dichloroethane, 1,2-	µg/L	0.6[B]	12 U	1.0 U	10 U	100 U	0.50 U	0.50 U	0.50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	1.0 U	1.0 U	0.50 U	0.50 U	1.0 U	1.0 U
Dichloroethene, 1,1-	µg/L	5[B]	12 U	1.0 U	10 U	100 U	0.50 U	0.50 U	0.50 U	1.0 U	1.0 U F1	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	1.0 U	1.0 U	0.50 U	0.50 U	1.0 U	1.0 U
Dichloroethene, cis-1,2-	µg/L	5[B]	62 U	5.0 U	10 U	100 U	2.5 U	2.5 U	2.5 U	1.3	1.0 U	1.1	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	**7.4[B]**	1.0 U	**22[B]**	**27[B]**	1.0 U	1.0 U
Dichloroethene, trans-1,2-	µg/L	5[B]	62 U	5.0 U	10 U	100 U	2.5 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U	0.81 J	1.2 J	1.0 U	1.0 U
Dichloropropane, 1,2-	µg/L	1[B]	25 U	2.0 U	10 U	100 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichloropropene, cis-1,3-	µg/L	0.4[p][B]	12 U	1.0 U	10 U	100 U	0.50 U	0.50 U	0.50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	1.0 U	1.0 U	0.50 U	0.50 U	1.0 U	1.0 U
Dichloropropene, trans-1,3-	µg/L	0.4[p][B]	12 U	1.0 U	10 U	100 U	0.50 U	0.50 U	0.50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	1.0 U	1.0 U	0.50 U	0.50 U	1.0 U	1.0 U
Dioxane, 1,4-	µg/L	n/v	6,200 U	-	-	-	250 U	-	-	-	-	-	-	-	-	250 U	-	-	-	250 U	-	-	-
Ethylbenzene	µg/L	5[B]	**200[B]**	**71[B]**	**920[B]**	**260[B]**	4.9	**5.1[B]**	**5.2[B]**	1.0 U	**8.9[B]**	**5.8[B]**	1.0 U	1.0 U	2.1	2.5 U	2.5 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[B]	50 U	4.0 U	10 U	100 U	2.0 U	2.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U	2.0 U	2.0 U	1.0 U	1.0 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[A]	120 U	3.5 J	50 U	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	µg/L	5[B]	**21 J[B]**	4.3 J	**34[B]**	100 U	2.5 U	2.5 U	2.5 U	1.0 U	**5.7[B]**	3.6	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U
Isopropyltoluene, p- (Cymene)	µg/L	5[B]	-	5.0 U	10 U	100 U	-	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	2.5 U	1.0 U	1.0 U	-	2.5 U	1.0 U	1.0 U
Methyl Acetate	µg/L	n/v	50 U	4.0 U	25 U	250 U	2.0 U	2.0 U	2.0 U	2.5 U	2.5 U F1	2.5 U	2.5 U	2.5 U	2.5 U	2.0 U	2.0 U	2.5 U	2.5 U	2.0 U	2.0 U	2.5 U	2.5 U F1
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50[A]	**1,800[A]**	**370[A]**	100 U	1,000 U	5.0 U	5.0 U	5.0 U	10 U	10 U	10 U	10 U	10 U	10 U	5.0 U	5.0 U	10 U	10 U	7.6	3.0 J	10 U	10 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	120 U	3.7 J	50 U	500 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methyl tert-butyl ether (MTBE)	µg/L	10[A]	62 U	**13[A]**	**53[A]**	**290[A]**	2.5 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U
Methylcyclohexane	µg/L	n/v	31 J	19 J	79	100 U	3.9 J	4.2 J	4.5 J	1.0 U	7.3 F1	4.8	1.0 U	1.0 U	1.0 U	10 U	10 U	1.0 U	1.0 U	10 U	10 U	1.2	1.0 U
Methylene Chloride (Dichloromethane)	µg/L	5[B]	62 U	5.0 U	10 U	100 U	2.5 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U
Naphthalene	µg/L	10[B]	-	5.0 U	**310[B]**	100 U	-	1.4 J	1.5 J	1.0 U	5.0	2.6	1.0 U	1.0 U	1.0 U	-	2.5 U	1.0 U	1.0 U	-	2.5 U	1.0 U	1.0 U
Propylbenzene, n-	µg/L	5[B]	-	**9.0[B]**	**49[B]**	100 U	-	1.3 J	1.3 J	1.0 U	**15[B]**	**8.8[B]**	1.0 U	1.0 U	1.0 U	-	2.5 U	1.0 U	1.0 U	-	2.5 U	1.0 U	1.0 U
Styrene	µg/L	5[B]	62 U	5.0 U	10 U	100 U	2.5 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U
Tetrachloroethane, 1,1,2,2-	µg/L	5[B]	12 U	1.0 U	10 U	100 U	0.50 U	0.50 U	0.50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	1.0 U	1.0 U	0.50 U	0.50 U	1.0 U	1.0 U
Tetrachloroethene (PCE)	µg/L	5[B]	12 U	1.0 U	10 U	100 U	0.50 U	0.50 U	0.50 U	1.7	1.6	1.6	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	**67[B]**	**7.1[B]**	**38[B]**	**16[B]**	1.0 U	1.0 U
Toluene	µg/L	5[B]	62 U	1.7 J	**230[B]**	100 U	1.9 J	0.82 J	0.90 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U
Trichlorobenzene, 1,2,3-	µg/L	5[B]	62 U	-	-	-	2.5 U	-	-	-	-	-	-	-	-	2.5 U	-	-	-	2.5 U	-	-	-
Trichlorobenzene, 1,2,4-	µg/L	5[B]	62 U	5.0 U	10 U	100 U	2.5 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U
Trichloroethane, 1,1,1-	µg/L	5[B]	62 U	5.0 U	10 U	100 U	2.5 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U
Trichloroethane, 1,1,2-	µg/L	1[B]	38 U	3.0 U	10 U	100 U	1.5 U	1.5 U	1.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.5 U	1.5 U	1.0 U	1.0 U	1.5 U	1.5 U	1.0 U	1.0 U
Trichloroethene (TCE)	µg/L	5[B]	12 U	1.0 U	10 U	100 U	0.50 U	0.50 U	0.50 U	**8.7[B]**	4.6	4.6	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	**9.7[B]**	1.1	**6.8[B]**	3.4	1.0 U	1.0 U
Trichlorofluoromethane (Freon 11)	µg/L	5[B]	62 U	5.0 U	10 U	100 U	2.5 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U F2
Trichlorotrifluoroethane (Freon 113)	µg/L	5[B]	62 U	5.0 U	10 U	100 U	2.5 U	2.5 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U	2.5 U	2.5 U	1.0 U	1.0 U
Trimethylbenzene, 1,2,4-	µg/L	5[B]	-	**22[B]**	**1,300 J-[B]**	**140[B]**	-	4.6	4.9	1.0 U	**64[B]**	**41[B]**	1.0 U	1.0 U	1.3	-	2.5 U	1.0 U	1.0 U	-	2.5 U	2.4	1.0 U
Trimethylbenzene, 1,3,5-	µg/L	5[B]	-	5.0 U	**380[B]**	100 U	-	2.5 U	0.72 J	1.0 U	1.5	1.0 U	1.0 U	1.0 U	1.0 U	-	2.5 U	1.0 U	1.0 U	-	2.5 U	1.0 U	1.0 U
Vinyl Chloride	µg/L	2[B]	25 U	2.0 U	10 U	100 U F1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.42 J	0.36 J	1.0 U	1.0 UJ	**4.5[B]**	**9.6[B]**	1.0 U	1.0 UJ
Xylene, m & p-	µg/L	5[B]	**120[B]**	4.2 J	-	-	**17[B]**	3.6	4.1	-	-	-	-	-	-	2.5 U	2.5 U	-	-	2.5 U	2.5 U	-	-
Xylene, o-	µg/L	5[B]	62 U	5.0 U	-	-	**7.0[B]**	1.2 J	1.3 J	-	-	-	-	-	-	2.5 U	2.5 U	-	-	2.5 U	2.5 U	-	-
Xylenes, Total	µg/L	5[B]	-	-	**5,000 J-[B]**	200 U	-	-	-	2.0 U	**6.1[B]**	3.7	2.0 U	2.0 U	2.0 U	-	-	2.0 U	2.0 U	-	-	2.0 U	2.0 U
Total VOC	µg/L	n/v	4,823	1,240.4	17,835	980	57.2	33.42	37.02	16.3	127.9	86.3	1.2	1.7	6.6	1.42	3.46	84.1	8.2	87.61	64.4	8.6	ND
VOC TICs																							
Total VOC TICs	µg/L	n/v	1,230 J	732 J	9,210 TJN	1,400 T J	-	106 J	113 J	3.2 T J	172 TJN	147.3 TJN	ND	ND	25.3 TJN	-	-	ND	ND	-	-	68.2 TJN	17.2 T J

See notes on last page.

Table 2
Summary of Analytical Results for Groundwater
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location			B/MW-114		MW-114R		MW-115			Freight Elevator Pit	IW4		IW11		IW14		RINSE BLANK			
Sample Date			28-Feb-19	24-Apr-19	27-Jun-23	29-Sep-23	27-Jun-23	27-Jun-23	27-Sep-23	22-Apr-19	26-Jun-23	29-Sep-23	26-Jun-23	28-Sep-23	27-Jun-23	28-Sep-23	4-Sep-18	22-Apr-19	12-Dec-22	28-Aug-18
Sample ID			CNL-MW114-W	CNL-MW114-W	CNL-MW114R-W	CNL-MW114R-W	CNL-MW115-W	CNL-FD-W	CNL-MW115-W	CNL-EP-W	CNL-IW4-W	CNL-IW4-W	CNL-IW11-W	CNL-IW11-W	CNL-IW14-W	CNL-IW14-W	CNL-RB20180904-W	CNL-EQUIPBLANK-W	CNL-RINSE1-W	CNL-RB20180828-W
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			TALBU	TALBU	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	TALBU	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	TALBU	TALBU	ERF	TALBU
Laboratory Work Order			480-149237-1	480-152563-1	L2336825	L2357541	L2336825	L2336825-02	L2356876	480-152402-1	L2336550	L2357541	L2336550	L2357204	L2336825	L2357204	480-141228-1	480-152402-1	480-204742-1	480-140994-1
Laboratory Sample ID			480-149629-4	480-152563-8	L2336825-03	L2357541-01	L2336825-01	Field Duplicate	L2356876-01	480-152402-5	L2336550-02	L2357541-02	L2336550-03	L2357204-04	L2336825-06	L2357204-01	480-141228-4	480-152402-3	480-204742-40	480-140994-5
Sample Type	Units	TOGS															Material Rinse Blank	Material Rinse Blank	Material Rinse Blank	Material Rinse Blank
General Chemistry																				
Cyanide	mg/L	0.2[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.010 U	-	-	0.010 UJ
Cyanide (Reactive)	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.0 U	-
Flashpoint	deg F	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50.0 U	-
Nitrate	mg/L	n/v	-	-	-	-	0.10 U	-	0.56	-	1.7	0.37	0.052 J	0.047 J	0.10 U	0.046 J	-	-	-	-
Nitrate (as N)	mg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrite	mg/L	n/v	-	-	-	-	0.016 J	-	0.068	-	0.11	0.051	0.043 J	0.030 J	0.015 J	0.034 J	-	-	-	-
pH, lab	S.U.	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.48 HF	-
Sulfate	mg/L	250[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.0 U	-
Sulfate	mg/L	250[B]	-	-	-	-	216	-	115	-	99.8	129	**732[B]**	207	**618[B]**	**3,260[B]**	-	-	-	-
Sulfide (Reactive)	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.0 U	-
Sulfur	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.20 U	-
Temperature, Lab	deg C	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.1 HF	-
Total Organic Carbon	mg/L	n/v	-	-	2.82	2.23	-	-	-	-	6.40	4.70	-	-	59.6	41.4	-	-	-	-
Metals, Dissolved																				
Aluminum	mg/L	n/v	-	-	-	-	-	-	-	0.20 UJ	-	-	-	-	-	-	-	-	-	-
Antimony	mg/L	0.003[B]	-	-	-	-	-	-	-	0.020 UJ	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/L	0.025[B]	-	-	-	0.0050 U	-	-	-	0.015 UJ	-	0.0050 U	-	-	-	0.0102	-	-	-	-
Barium	mg/L	1[B]	-	-	-	-	-	-	-	0.18 J	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/L	0.003[A]	-	-	-	-	-	-	-	0.0020 UJ	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	0.005[B]	-	-	-	-	-	-	-	0.0020 UJ	-	-	-	-	-	-	-	-	-	-
Calcium	mg/L	n/v	-	-	-	-	-	-	-	61.2 J	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.05[B]	-	-	-	-	-	-	-	0.0040 UJ	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	n/v	-	-	-	-	-	-	-	0.0040 UJ	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	0.2[B]	-	-	-	-	-	-	-	0.010 UJ	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	0.3[B]	-	-	-	-	-	-	-	0.050 UJ	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.025[B]	-	-	-	-	-	-	-	0.010 UJ	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	35[A]	-	-	-	-	-	-	-	14.5 J	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.3[B]	-	-	-	0.148	-	-	-	0.0070 J	-	**0.441[B]**	-	-	-	**2.34[B]**	-	-	-	-
Mercury	mg/L	0.0007[B]	-	-	-	-	-	-	-	0.00020 UJ	-	-	-	-	-	-	-	-	-	-
Nickel	mg/L	0.1[B]	-	-	-	-	-	-	-	0.010 UJ	-	-	-	-	-	-	-	-	-	-
Potassium	mg/L	n/v	-	-	-	-	-	-	-	11.7 J	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.01[B]	-	-	-	-	-	-	-	0.025 UJ	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	0.05[B]	-	-	-	-	-	-	-	0.0060 UJ	-	-	-	-	-	-	-	-	-	-
Sodium	mg/L	20[B]	-	-	-	-	-	-	-	**69.7 J[B]**	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.0005[A]	-	-	-	-	-	-	-	0.020 UJ	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/L	n/v	-	-	-	-	-	-	-	0.0050 UJ	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	2[A]	-	-	-	-	-	-	-	0.016 J	-	-	-	-	-	-	-	-	-	-
Metals, Total																				
Aluminum	mg/L	n/v	-	-	-	-	-	-	-	14.8	-	-	-	-	-	-	0.20	0.20 U	0.20 U	7.2
Antimony	mg/L	0.003[B]	-	-	-	-	-	-	-	**0.022[B]**	-	-	-	-	-	-	0.020 U	0.020 U	0.020 U	0.020 U
Arsenic	mg/L	0.025[B]	-	-	-	-	-	-	-	**0.13[B]**	-	-	-	-	-	-	0.015 U	0.015 U	0.015 U	0.015 U
Barium	mg/L	1[B]	-	-	-	-	-	-	-	**1.2[B]**	-	-	-	-	-	-	0.0046	0.0020 U	0.0020 U	0.061
Beryllium	mg/L	0.003[A]	-	-	-	-	-	-	-	0.0020 U	-	-	-	-	-	-	0.0020 U	0.0020 U	0.0020 U	0.0020 U
Cadmium	mg/L	0.005[B]	-	-	-	-	-	-	-	**0.11[B]**	-	-	-	-	-	-	0.0020 U	0.0020 U	0.0020 U	0.0020 U
Calcium	mg/L	n/v	-	-	-	-	-	-	-	184	-	-	-	-	-	-	2.6	0.50 U	0.50 U	9.9
Chromium	mg/L	0.05[B]	-	-	-	-	-	-	-	**0.12[B]**	-	-	-	-	-	-	0.0040 U	0.0040 U	0.0040 U	0.016
Cobalt	mg/L	n/v	-	-	-	-	-	-	-	0.028	-	-	-	-	-	-	0.0040 U	0.0040 U	0.0040 U	0.0040 U
Copper	mg/L	0.2[B]	-	-	-	-	-	-	-	**0.71[B]**	-	-	-	-	-	-	0.010 U	0.010 U	0.010 U	0.015
Iron	mg/L	0.3[B]	-	-	-	0.0386 J	-	-	-	**371[B]**	-	**1.20[B]**	-	-	-	**7.63[B]**	**0.88[B]**	0.050 U	0.050 U	**8.8[B]**
Lead	mg/L	0.025[B]	-	-	-	-	-	-	-	**1.8[B]**	-	-	-	-	-	-	0.010 U	0.010 U	0.010 U	**0.079[B]**
Magnesium	mg/L	35[A]	-	-	-	-	-	-	-	28.1	-	-	-	-	-	-	0.58	0.20 U	0.20 U	3.5
Manganese	mg/L	0.3[B]	-	-	-	-	-	-	-	**2.6[B]**	-	-	-	-	-	-	0.018	0.0030 U	0.0030 U	0.26
Mercury	mg/L	0.0007[B]	-	-	-	-	-	-	-	**0.0019[B]**	-	-	-	-	-	-	0.00020 U	0.00020 U	0.00020 U	0.00020 U
Nickel	mg/L	0.1[B]	-	-	-	-	-	-	-	**0.12[B]**	-	-	-	-	-	-	0.010 U	0.010 U	0.010 U	0.010 U
Potassium	mg/L	n/v	-	-	-	-	-	-	-	15.2	-	-	-	-	-	-	0.50 U	0.50 U	0.50 U	2.0
Selenium	mg/L	0.01[B]	-	-	-	-	-	-	-	0.025 U	-	-	-	-	-	-	0.025 U	0.025 U	0.025 U	0.025 U
Silver	mg/L	0.05[B]	-	-	-	-	-	-	-	0.012	-	-	-	-	-	-	0.0060 U	0.0060 U	0.0060 U	0.0060 U
Sodium	mg/L	20[B]	-	-	-	**143[B]**	-	-	-	**73.8[B]**	-	**285[B]**	-	-	-	**2,760[B]**	1.0 U	1.0 U	1.0 U	1.1
Thallium	mg/L	0.0005[A]	-	-	-	-	-	-	-	0.020 U	-	-	-	-	-	-	0.020 U	0.020 U	0.020 U	0.020 U
Vanadium	mg/L	n/v	-	-	-	-	-	-	-	0.077	-	-	-	-	-	-	0.0050 U	0.0050 U	0.0050 U	0.012
Zinc	mg/L	2[A]	-	-	-	-	-	-	-	**4.5[A]**	-	-	-	-	-	-	0.026	0.010 U	0.010 U	0.048

See notes on last page.

Table 2
Summary of Analytical Results for Groundwater
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location			B/MW-114		MW-114R		MW-115			Freight Elevator Pit	IW4		IW11		IW14		RINSE BLANK			
Sample Date			28-Feb-19	24-Apr-19	27-Jun-23	29-Sep-23	27-Jun-23	27-Jun-23	27-Sep-23	22-Apr-19	26-Jun-23	29-Sep-23	26-Jun-23	28-Sep-23	27-Jun-23	28-Sep-23	4-Sep-18	22-Apr-19	12-Dec-22	28-Aug-18
Sample ID			CNL-MW114-W	CNL-MW114-W	CNL-MW114R-W	CNL-MW114R-W	CNL-MW115-W	CNL-FD-W	CNL-MW115-W	CNL-EP-W	CNL-IW4-W	CNL-IW4-W	CNL-IW11-W	CNL-IW11-W	CNL-IW14-W	CNL-IW14-W	CNL-RB20180904-W	CNL-EQUIPBLANK-W	CNL-RINSE1-W	CNL-RB20180828-W
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			TALBU	TALBU	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	TALBU	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	TALBU	TALBU	ERF	TALBU
Laboratory Work Order			480-149237-1	480-152563-1	L2336825	L2357541	L2336825	L2336825	L2356876	480-152402-1	L2336550	L2357541	L2336550	L2357204	L2336825	L2357204	480-141228-1	480-152402-1	480-204742-1	480-140994-1
Laboratory Sample ID			480-149629-4	480-152563-8	L2336825-03	L2357541-01	L2336825-01	L2336825-02	L2356876-01	480-152402-5	L2336550-02	L2357541-02	L2336550-03	L2357204-04	L2336825-06	L2357204-01	480-141228-4	480-152402-3	480-204742-40	480-140994-5
Sample Type	Units	TOGS						Field Duplicate									Material Rinse Blank	Material Rinse Blank	Material Rinse Blank	Material Rinse Blank
Polychlorinated Biphenyls																				
Aroclor 1016	µg/L	0.09[B]	-	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	0.52 U	0.50 U	0.50 U	0.54 U
Aroclor 1221	µg/L	0.09[B]	-	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	0.52 U	0.50 U	0.50 U	0.54 U
Aroclor 1232	µg/L	0.09[B]	-	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	0.52 U	0.50 U	0.50 U	0.54 U
Aroclor 1242	µg/L	0.09[B]	-	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	0.52 U	0.50 U	0.50 U	0.54 U
Aroclor 1248	µg/L	0.09[B]	-	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	0.52 U	0.50 U	0.50 U	0.54 U
Aroclor 1254	µg/L	0.09[B]	-	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	0.52 U	0.50 U	0.50 U	0.54 U
Aroclor 1260	µg/L	0.09[B]	-	-	-	-	-	-	-	1.0 U	-	-	-	-	-	-	0.52 U	0.50 U	0.50 U	0.54 U
Polychlorinated Biphenyls (PCBs)	µg/L	0.09$_b$[B]	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	-	-	ND
Pesticides																				
Aldrin	µg/L	n/v	-	-	-	-	-	-	-	0.10 UJ	-	-	-	-	-	-	0.050 UJ	0.050 U	0.050 U	0.050 U
BHC, alpha-	µg/L	0.01[B]	-	-	-	-	-	-	-	0.10 UJ	-	-	-	-	-	-	0.050 UJ	0.050 U	0.050 U	0.050 U
BHC, beta-	µg/L	0.04[B]	-	-	-	-	-	-	-	0.10 UJ	-	-	-	-	-	-	0.050 UJ	0.050 U	0.050 U	0.050 U
BHC, delta-	µg/L	0.04[B]	-	-	-	-	-	-	-	0.10 UJ	-	-	-	-	-	-	0.050 UJ	0.050 U	0.050 U	0.050 U
Camphechlor (Toxaphene)	µg/L	0.06[B]	-	-	-	-	-	-	-	1.0 UJ	-	-	-	-	-	-	0.50 UJ	0.50 U	0.50 U	0.50 U
Chlordane, alpha-	µg/L	n/v	-	-	-	-	-	-	-	0.10 UJ	-	-	-	-	-	-	0.050 UJ	0.050 U	0.050 U	0.050 U
Chlordane, trans- (gamma-Chlordane)	µg/L	n/v	-	-	-	-	-	-	-	0.46 J	-	-	-	-	-	-	0.050 UJ	0.050 U	0.050 U	0.050 U
DDD (p,p'-DDD)	µg/L	0.3[B]	-	-	-	-	-	-	-	**2.0 J[B]**	-	-	-	-	-	-	0.050 UJ	0.050 U	0.050 U	0.050 U
DDE (p,p'-DDE)	µg/L	0.2[B]	-	-	-	-	-	-	-	**0.57 J[B]**	-	-	-	-	-	-	0.050 UJ	0.050 U	0.050 U	0.050 U
DDT (p,p'-DDT)	µg/L	0.2[B]	-	-	-	-	-	-	-	**2.3 J[B]**	-	-	-	-	-	-	0.080 J-	0.050 U	0.050 U	0.050 U
Dieldrin	µg/L	0.004[B]	-	-	-	-	-	-	-	0.10 UJ	-	-	-	-	-	-	0.050 UJ	0.050 U	0.050 U	0.050 U
Endosulfan I	µg/L	n/v	-	-	-	-	-	-	-	0.10 UJ	-	-	-	-	-	-	0.050 UJ	0.050 U	0.050 U	0.050 U
Endosulfan II	µg/L	n/v	-	-	-	-	-	-	-	0.10 UJ	-	-	-	-	-	-	0.050 UJ	0.050 U	0.050 U	0.050 U
Endosulfan Sulfate	µg/L	n/v	-	-	-	-	-	-	-	0.10 UJ	-	-	-	-	-	-	0.050 UJ	0.050 U	0.050 U	0.050 U
Endrin	µg/L	n/v	-	-	-	-	-	-	-	0.10 UJ	-	-	-	-	-	-	0.050 UJ	0.050 U	0.050 U	0.050 U
Endrin Aldehyde	µg/L	5$_n$[B]	-	-	-	-	-	-	-	0.10 UJ	-	-	-	-	-	-	0.050 UJ	0.050 U	0.050 U	0.050 U
Endrin Ketone	µg/L	5$_n$[B]	-	-	-	-	-	-	-	0.10 UJ	-	-	-	-	-	-	0.050 UJ	0.050 U	0.050 U	0.050 U
Heptachlor	µg/L	0.04[AB]	-	-	-	-	-	-	-	0.10 UJ	-	-	-	-	-	-	0.050 UJ	0.050 U	0.050 U	0.050 U
Heptachlor Epoxide	µg/L	0.03[B]	-	-	-	-	-	-	-	0.10 UJ	-	-	-	-	-	-	0.050 UJ	0.050 U	0.050 U	0.050 U
Lindane (Hexachlorocyclohexane, gamma)	µg/L	0.05[B]	-	-	-	-	-	-	-	0.10 UJ	-	-	-	-	-	-	0.050 UJ	0.050 U	0.050 U	0.050 U
Methoxychlor (4,4'-Methoxychlor)	µg/L	35[B]	-	-	-	-	-	-	-	0.10 UJ	-	-	-	-	-	-	0.050 UJ	0.050 U	0.050 U	0.050 U
1,4-Dioxane																				
Dioxane, 1,4-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 U	-
Polycyclic Aromatic Hydrocarbons																				
Acenaphthene	µg/L	20[B]	-	-	-	-	-	-	-	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	µg/L	n/v	-	-	-	-	-	-	-	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Anthracene	µg/L	50[A]	-	-	-	-	-	-	-	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	µg/L	0.002[A]	-	-	-	-	-	-	-	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	µg/L	ND[B]	-	-	-	-	-	-	-	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	µg/L	0.002[A]	-	-	-	-	-	-	-	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	µg/L	n/v	-	-	-	-	-	-	-	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	µg/L	0.002[A]	-	-	-	-	-	-	-	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Chloronaphthalene, 2-	µg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/L	0.002[A]	-	-	-	-	-	-	-	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Dibenzo(a,h)anthracene	µg/L	n/v	-	-	-	-	-	-	-	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Fluoranthene	µg/L	50[A]	-	-	-	-	-	-	-	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Fluorene	µg/L	50[A]	-	-	-	-	-	-	-	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Indeno(1,2,3-cd)pyrene	µg/L	0.002[A]	-	-	-	-	-	-	-	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Methylnaphthalene, 1-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene, 2-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/L	10[B]	-	-	-	-	-	-	-	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Phenanthrene	µg/L	50[A]	-	-	-	-	-	-	-	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Pyrene	µg/L	50[A]	-	-	-	-	-	-	-	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Total PAH	µg/L	n/v	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	ND	ND	-	ND

See notes on last page.

Table 2
Summary of Analytical Results for Groundwater
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location			B/MW-114		MW-114R		MW-115			Freight Elevator Pit	IW4		IW11		IW14		RINSE BLANK			
Sample Date			28-Feb-19	24-Apr-19	27-Jun-23	29-Sep-23	27-Jun-23	27-Jun-23	27-Sep-23	22-Apr-19	26-Jun-23	29-Sep-23	26-Jun-23	28-Sep-23	27-Jun-23	28-Sep-23	4-Sep-18	22-Apr-19	12-Dec-22	28-Aug-18
Sample ID			CNL-MW114-W	CNL-MW114-W	CNL-MW114R-W	CNL-MW114R-W	CNL-MW115-W	CNL-FD-W	CNL-MW115-W	CNL-EP-W	CNL-IW4-W	CNL-IW4-W	CNL-IW11-W	CNL-IW11-W	CNL-IW14-W	CNL-IW14-W	CNL-RB20180904-W	CNL-EQUIPBLANK-W	CNL-RINSE1-W	CNL-RB20180828-W
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			TALBU	TALBU	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	TALBU	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	TALBU	TALBU	ERF	TALBU
Laboratory Work Order			480-149237-1	480-152563-1	L2336825	L2357541	L2336825	L2336825	L2356876	480-152402-1	L2336550	L2357541	L2336550	L2357204	L2336825	L2357204	480-141228-1	480-152402-1	480-204742-1	480-140994-1
Laboratory Sample ID			480-149629-4	480-152563-8	L2336825-03	L2357541-01	L2336825-01	L2336825-02	L2356876-01	480-152402-5	L2336550-02	L2357541-02	L2336550-03	L2357204-04	L2336825-06	L2357204-01	480-141228-4	480-152402-3	480-204742-40	480-140994-5
Sample Type	Units	TOGS						Field Duplicate									Material Rinse Blank	Material Rinse Blank	Material Rinse Blank	Material Rinse Blank
Semi-Volatile Organic Compounds																				
Acenaphthene	µg/L	20[B]	-	-	-	-	0.19 J	0.15 J	0.16 J	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	µg/L	n/v	-	-	-	-	0.07 J	0.05 J	0.08 J	-	-	-	-	-	-	-	-	-	-	-
Acetophenone	µg/L	n/v	-	-	-	-	5.0 U	5.0 U	5.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Anthracene	µg/L	50[A]	-	-	-	-	0.20 U	0.20 U	0.20 U	-	-	-	-	-	-	-	-	-	-	-
Atrazine	µg/L	7.5[B]	-	-	-	-	10 U	10 U	10 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U *
Benzaldehyde	µg/L	n/v	-	-	-	-	5.0 U	5.0 U	5.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	µg/L	0.002[A]	-	-	-	-	0.20 U	0.20 U	0.20 U	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/L	ND[B]	-	-	-	-	0.20 U	0.20 U	0.20 U	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/L	0.002[A]	-	-	-	-	0.20 U	0.20 U	0.20 U	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/L	n/v	-	-	-	-	0.20 U	0.20 U	0.20 U	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/L	0.002[A]	-	-	-	-	0.20 U	0.20 U	0.20 U	-	-	-	-	-	-	-	-	-	-	-
Biphenyl	µg/L	5[B]	-	-	-	-	1.0 J	1.1 J	1.3 J	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Bis(2-Chloroethoxy)methane	µg/L	5[B]	-	-	-	-	5.0 U	5.0 U	5.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 UJ	5.0 U
Bis(2-Chloroethyl)ether	µg/L	1[B]	-	-	-	-	2.0 U	2.0 U	2.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/L	5[B]	-	-	-	-	2.0 U	2.0 U	2.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5[B]	-	-	-	-	3.0 U	3.0 U	3.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Bromophenyl Phenyl Ether, 4-	µg/L	n/v	-	-	-	-	2.0 U	2.0 U	2.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Butyl Benzyl Phthalate	µg/L	50[A]	-	-	-	-	5.0 U	5.0 U	5.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Caprolactam	µg/L	n/v	-	-	-	-	10 U	10 U	10 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Carbazole	µg/L	n/v	-	-	-	-	2.0 U	2.0 U	2.0 U	25 U	-	-	-	-	-	-	25 U *	5.0 U	5.0 U	5.0 U
Chloro-3-methyl phenol, 4-	µg/L	n/v	-	-	-	-	2.0 U	2.0 U	2.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Chloroaniline, 4-	µg/L	5[B]	-	-	-	-	5.0 U	5.0 U	5.0 U	25 U	-	-	-	-	-	-	25 UJ	5.0 U	5.0 U	5.0 U
Chloronaphthalene, 2-	µg/L	10[B]	-	-	-	-	0.40 U	0.40 U	0.40 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Chlorophenol, 2- (ortho-Chlorophenol)	µg/L	n/v	-	-	-	-	2.0 U	2.0 U	2.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Chlorophenyl Phenyl Ether, 4-	µg/L	n/v	-	-	-	-	2.0 U	2.0 U	2.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Chrysene	µg/L	0.002[A]	-	-	-	-	0.20 U	0.20 U	0.20 U	-	-	-	-	-	-	-	-	-	-	-
Cresol, m & p- (Methylphenol, 3&4-)	µg/L	n/v	-	-	-	-	0.64 J	0.62 J	5.0 U	-	-	-	-	-	-	-	-	-	-	-
Cresol, o- (Methylphenol, 2-)	µg/L	n/v	-	-	-	-	5.0 U	5.0 U	5.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Cresol, p- (Methylphenol, 4-)	µg/L	n/v	-	-	-	-	-	-	-	50 U	-	-	-	-	-	-	50 U	10 U	10 U	10 U
Dibenzo(a,h)anthracene	µg/L	n/v	-	-	-	-	0.20 U	0.20 U	0.20 U	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/L	n/v	-	-	-	-	2.0 U	2.0 U	2.0 U	50 U	-	-	-	-	-	-	50 U	10 U	10 U	10 U
Dibutyl Phthalate (DBP)	µg/L	50[B]	-	-	-	-	5.0 U	5.0 U	5.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Dichlorobenzidine, 3,3'-	µg/L	5[B]	-	-	-	-	5.0 U	5.0 U	5.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Dichlorophenol, 2,4-	µg/L	5[B]	-	-	-	-	5.0 U	5.0 U	5.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Diethyl Phthalate	µg/L	50[A]	-	-	-	-	5.0 U	5.0 U	5.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Dimethyl Phthalate	µg/L	50[A]	-	-	-	-	5.0 U	5.0 U	5.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Dimethylphenol, 2,4-	µg/L	50[A]	-	-	-	-	5.0 U	5.0 U	5.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Dinitro-o-cresol, 4,6-	µg/L	n/v	-	-	-	-	10 U	10 U	10 U	50 U	-	-	-	-	-	-	50 U	10 U	10 U	10 U
Dinitrophenol, 2,4-	µg/L	10[A]	-	-	-	-	20 U	20 U	20 U	50 U	-	-	-	-	-	-	50 U	10 U	10 U	10 U
Dinitrotoluene, 2,4-	µg/L	5[B]	-	-	-	-	5.0 U	5.0 U	5.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Dinitrotoluene, 2,6-	µg/L	5[B]	-	-	-	-	5.0 U	5.0 U	5.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Di-n-Octyl phthalate	µg/L	50[A]	-	-	-	-	5.0 U	5.0 U	5.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Fluoranthene	µg/L	50[A]	-	-	-	-	0.20 U	0.20 U	0.20 U	-	-	-	-	-	-	-	-	-	-	-
Fluorene	µg/L	50[A]	-	-	-	-	0.14 J	0.11 J	0.10 J	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg/L	0.04[B]	-	-	-	-	1.6 U	1.6 U	1.6 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/L	0.5[B]	-	-	-	-	1.0 U	1.0 U	1.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	µg/L	5[B]	-	-	-	-	20 U	20 U	20 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	µg/L	5[B]	-	-	-	-	1.6 U	1.6 U	1.6 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Indeno(1,2,3-cd)pyrene	µg/L	0.002[A]	-	-	-	-	0.20 U	0.20 U	0.20 U	-	-	-	-	-	-	-	-	-	-	-
Isophorone	µg/L	50[A]	-	-	-	-	5.0 U	5.0 U	5.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Methylnaphthalene, 2-	µg/L	n/v	-	-	-	-	43	36	25	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Naphthalene	µg/L	10[B]	-	-	-	-	**100[B]**	**90[B]**	**120[B]**	-	-	-	-	-	-	-	-	-	-	-
Nitroaniline, 2-	µg/L	5[B]	-	-	-	-	5.0 U	5.0 U	5.0 U	50 U	-	-	-	-	-	-	50 U	10 U	10 U	10 U
Nitroaniline, 3-	µg/L	5[B]	-	-	-	-	5.0 U	5.0 U	5.0 U	50 UJ	-	-	-	-	-	-	50 UJ	10 U	10 U	10 U
Nitroaniline, 4-	µg/L	5[B]	-	-	-	-	5.0 U	5.0 U	5.0 U	50 U	-	-	-	-	-	-	50 U	10 U	10 U	10 U
Nitrobenzene	µg/L	0.4[B]	-	-	-	-	2.0 U	2.0 U	2.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Nitrophenol, 2-	µg/L	n/v	-	-	-	-	10 U	10 U	10 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Nitrophenol, 4-	µg/L	n/v	-	-	-	-	10 U	10 U	10 U	50 U	-	-	-	-	-	-	50 U	10 U	10 U	10 U
N-Nitrosodi-n-Propylamine	µg/L	n/v	-	-	-	-	5.0 U	5.0 U	5.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
n-Nitrosodiphenylamine	µg/L	50[A]	-	-	-	-	2.0 U	2.0 U	2.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	µg/L	1.0[B]	-	-	-	-	1.6 U	1.6 U	1.6 U	50 U	-	-	-	-	-	-	50 U	10 U	10 U	10 UJ
Phenanthrene	µg/L	50[A]	-	-	-	-	0.11 J	0.10 J	0.10 J	-	-	-	-	-	-	-	-	-	-	-
Phenol	µg/L	1.0[B]	-	-	-	-	5.0 U	5.0 U	5.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Pyrene	µg/L	50[A]	-	-	-	-	0.20 U	0.20 U	0.20 U	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobenzene, 1,2,4,5-	µg/L	n/v	-	-	-	-	10 U	10 U	10 U	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorophenol, 2,3,4,6-	µg/L	n/v	-	-	-	-	5.0 U	5.0 U	5.0 U	-	-	-	-	-	-	-	-	-	-	-
Trichlorophenol, 2,4,5-	µg/L	n/v	-	-	-	-	5.0 U	5.0 U	5.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Trichlorophenol, 2,4,6-	µg/L	n/v	-	-	-	-	5.0 U	5.0 U	5.0 U	25 U	-	-	-	-	-	-	25 U	5.0 U	5.0 U	5.0 U
Cresol, m- (Methylphenol, 3-)	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10 U	-
Total SVOC	µg/L	n/v	-	-	-	-	145.15	128.13	146.74	ND	-	-	-	-	-	-	ND	ND	ND	ND
SVOC TICs																				
Total SVOC TICs	µg/L	n/v	-	-	-	-	2,930 J	3,090 J	-	150 TJN	-	-	-	-	-	-	266.4 TJN	170.7 T J	610 TJN	318.7 TJN

See notes on last page.

Table 2
Summary of Analytical Results for Groundwater
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location			B/MW-114		MW-114R		MW-115			Freight Elevator Pit	IW4		IW11		IW14		RINSE BLANK			
Sample Date			28-Feb-19	24-Apr-19	27-Jun-23	29-Sep-23	27-Jun-23	27-Jun-23	27-Sep-23	22-Apr-19	26-Jun-23	29-Sep-23	26-Jun-23	28-Sep-23	27-Jun-23	28-Sep-23	4-Sep-18	22-Apr-19	12-Dec-22	28-Aug-18
Sample ID			CNL-MW114-W	CNL-MW114-W	CNL-MW114R-W	CNL-MW114R-W	CNL-MW115-W	CNL-FD-W	CNL-MW115-W	CNL-EP-W	CNL-IW4-W	CNL-IW4-W	CNL-IW11-W	CNL-IW11-W	CNL-IW14-W	CNL-IW14-W	CNL-RB20180904-W	CNL-EQUIPBLANK-W	CNL-RINSE1-W	CNL-RB20180828-W
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			TALBU	TALBU	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	TALBU	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	TALBU	TALBU	ERF	TALBU
Laboratory Work Order			480-149237-1	480-152563-1	L2336825	L2357541	L2336825	L2336825-02	L2356876	480-152402-1	L2336550	L2357541	L2336550	L2357204	L2336825	L2357204	480-141228-1	480-152402-1	480-204742-1	480-140994-1
Laboratory Sample ID			480-149629-4	480-152563-8	L2336825-03	L2357541-01	L2336825-01	Field Duplicate	L2356876-01	480-152402-5	L2336550-02	L2357541-02	L2336550-03	L2357204-04	L2336825-06	L2357204-01	480-141228-4	480-152402-3	480-204742-40	480-140994-5
Sample Type	Units	TOGS															Material Rinse Blank	Material Rinse Blank	Material Rinse Blank	Material Rinse Blank
Volatile Organic Compounds																				
Acetone	µg/L	50[A]	100 U	100 U	5.0 U	5.0 U	50 U	50 U	50 U	10 U	5.0 U	5.0 U	**57[A]**	**770[A]**	14	34 J	10 U	-	10 U	10 U
Benzene	µg/L	1[B]	**12[B]**	**16[B]**	**5.4[B]**	**1.8[B]**	**51[B]**	**48[B]**	**83[B]**	1.0 U	0.50 U	**1.2[B]**	0.50 U	5.0 U	**1.3[B]**	5.0 U	1.0 U	-	1.0 U	1.0 U
Bromodichloromethane	µg/L	50[A]	10 U	10 U	0.50 U	0.50 U	5.0 U	5.0 U	5.0 U	1.0 U	0.50 U	0.50 U	0.50 U	5.0 U	0.50 U	5.0 U	1.0 U	-	1.0 U	1.0 U
Bromoform (Tribromomethane)	µg/L	50[A]	10 U	10 U *	2.0 U	2.0 U	20 U	20 U	20 U	1.0 UJ	2.0 U	2.0 U	2.0 U	20 U	2.0 U	20 U	1.0 U	-	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	5[B]	10 U	10 U	2.5 U	2.5 U	25 U	25 U	25 U	1.0 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	25 U	1.0 U	-	1.0 U	1.0 U
Butylbenzene, n-	µg/L	5[B]	10 U	**11[B]**	-	1.0 J	-	-	-	1.0 U	-	2.5 U	-	25 U	-	25 U	1.0 U	-	1.0 U	1.0 U
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[B]	10 U	10 U	-	2.5 U	-	-	-	1.0 U	-	0.86 J	-	25 U	-	25 U	1.0 U	-	1.0 U	1.0 U
Butylbenzene, tert-	µg/L	5[B]	10 U	10 U	-	2.5 U	-	-	-	1.0 U	-	2.5 U	-	25 U	-	25 U	1.0 U	-	1.0 U	1.0 U
Carbon Disulfide	µg/L	60[A]	10 U	10 U	5.0 U	5.0 U	50 U	50 U	50 U	1.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	50 U	1.0 U	-	1.0 U	1.0 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	10 U	10 U	0.50 U	0.50 U	5.0 U	5.0 U	5.0 U	1.0 U *	0.50 U	0.50 U	0.50 U	5.0 U	0.50 U	5.0 U	1.0 U	-	1.0 U	1.0 U
Chlorobenzene (Monochlorobenzene)	µg/L	5[B]	10 U	10 U	2.5 U	2.5 U	25 U	25 U	25 U	1.0 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	25 U	1.0 U	-	1.0 U	1.0 U
Chlorobromomethane	µg/L	5[B]	-	-	2.5 U	-	25 U	25 U	25 U	-	2.5 U	-	2.5 U	-	2.5 U	-	-	-	-	-
Chloroethane (Ethyl Chloride)	µg/L	5[B]	10 U	10 U	2.5 U	2.5 U	25 U	25 U	25 U	1.0 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	25 U	1.0 U	-	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	7[B]	10 U	10 U	2.5 U	2.5 U	25 U	25 U	25 U	1.0 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	25 U	1.0 U	-	1.0 U	1.0 U
Chloromethane	µg/L	5[B]	10 U	10 U	2.5 U	2.5 U	25 U	25 U	25 U	1.0 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	25 U	1.0 U	-	1.0 U	1.0 U
Cyclohexane	µg/L	n/v	80	92	22	7.6 J	190	200	300	1.0 U	0.81 J	2.2 J	10 U	100 U	0.28 J	100 U	1.0 U	-	1.0 U	1.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[B]	10 U	10 U	2.5 U	2.5 U	25 U	25 U	25 U	1.0 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	25 U	1.0 U	-	1.0 U	1.0 U
Dibromochloromethane	µg/L	50[A]	10 U	10 U *	0.50 U	0.50 U	5.0 U	5.0 U	5.0 U	1.0 U *	0.50 U	0.50 U	0.50 U	5.0 U	0.50 U	5.0 U	1.0 U	-	1.0 U	1.0 U
Dichlorobenzene, 1,2-	µg/L	3[B]	10 U	10 U	2.5 U	2.5 U	25 U	25 U	25 U	1.0 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	25 U	1.0 U	-	1.0 U	1.0 U
Dichlorobenzene, 1,3-	µg/L	3[B]	10 U	10 U	2.5 U	2.5 U	25 U	25 U	25 U	1.0 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	25 U	1.0 U	-	1.0 U	1.0 U
Dichlorobenzene, 1,4-	µg/L	3[B]	10 U	10 U	2.5 U	2.5 U	25 U	25 U	25 U	1.0 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	25 U	1.0 U	-	1.0 U	1.0 U
Dichlorodifluoromethane (Freon 12)	µg/L	5[B]	10 U *	10 UJ	5.0 U	5.0 U	50 U	50 U	50 U	1.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	50 U	1.0 U	-	1.0 U	1.0 U
Dichloroethane, 1,1-	µg/L	5[B]	10 U	10 U	2.5 U	2.5 U	25 U	25 U	25 U	1.0 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	25 U	1.0 U	-	1.0 U	1.0 U
Dichloroethane, 1,2-	µg/L	0.6[B]	10 U	10 U	0.50 U	0.50 U	5.0 U	5.0 U	5.0 U	1.0 U	0.50 U	0.50 U	0.50 U	5.0 U	0.50 U	5.0 U	1.0 U	-	1.0 U	1.0 U
Dichloroethene, 1,1-	µg/L	5[B]	10 U	10 U	0.50 U	0.50 U	5.0 U	5.0 U	5.0 U	1.0 U	0.50 U	0.50 U	0.50 U	5.0 U	0.50 U	5.0 U	1.0 U	-	1.0 U	1.0 U
Dichloroethene, cis-1,2-	µg/L	5[B]	10 U	10 U	2.5 U	2.5 U	25 U	25 U	25 U	1.0 U	2.5 U	2.5 U	2.5 U	25 U	0.92 J	25 U	1.0 U	-	1.0 U	1.0 U
Dichloroethene, trans-1,2-	µg/L	5[B]	10 U	10 U	2.5 U	2.5 U	25 U	25 U	25 U	1.0 U	2.5 U	3.6	2.5 U	25 U	2.5 U	25 U	1.0 U	-	1.0 U	1.0 U
Dichloropropane, 1,2-	µg/L	1[B]	10 U	10 U	1.0 U	1.0 U	10 U	10 U	10 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	1.0 U	10 U	1.0 U	-	1.0 U	1.0 U
Dichloropropene, cis-1,3-	µg/L	0.4$_p$[B]	10 U	10 U	0.50 U	0.50 U	5.0 U	5.0 U	5.0 U	1.0 U	0.50 U	0.50 U	0.50 U	5.0 U	0.50 U	5.0 U	1.0 U	-	1.0 U	1.0 U
Dichloropropene, trans-1,3-	µg/L	0.4$_p$[B]	10 U	10 U	0.50 U	0.50 U	5.0 U	5.0 U	5.0 U	1.0 U *	0.50 U	0.50 U	0.50 U	5.0 U	0.50 U	5.0 U	1.0 U	-	1.0 U	1.0 U
Dioxane, 1,4-	µg/L	n/v	-	-	250 U	-	2,500 U	2,500 U	2,500 U	-	250 U	-	250 U	-	250 U	-	-	-	40 UR	-
Ethylbenzene	µg/L	5[B]	**75[B]**	**70[B]**	**8.7[B]**	2.5 U	**980[B]**	**1,000[B]**	**1,300[B]**	1.0 U	2.5 U	2.5 U	2.5 U	25 U	1.9 J	25 U	1.0 U	-	1.0 U	1.0 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[B]	10 U	10 U	2.0 U	2.0 U	20 U	20 U	20 U	1.0 U	2.0 U	2.0 U	2.0 U	20 U	2.0 U	20 U	1.0 U	-	1.0 U	1.0 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[A]	50 U	50 U	5.0 U	5.0 U	50 U	50 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	50 U	5.0 U	-	5.0 U	5.0 U
Isopropylbenzene	µg/L	5[B]	**10[B]**	**13[B]**	3.5	0.87 J	**89[B]**	**94[B]**	**100[B]**	1.0 U	2.5 U	2.5 U	2.5 U	25 U	3.7	25 U	1.0 U	-	1.0 U	1.0 U
Isopropyltoluene, p- (Cymene)	µg/L	5[B]	10 U	10 U	-	2.5 U	-	-	-	1.0 U	-	2.5 U	-	25 U	-	25 U	1.0 U	-	1.0 U	1.0 U
Methyl Acetate	µg/L	n/v	25 U	25 U	2.0 U	2.0 U	20 U	20 U	20 U	2.5 U	7.5	2.0 U	2.0 U	20 U	2.0 U	20 U	2.5 U	-	2.5 U	2.5 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50[A]	100 U	100 U	5.0 U	5.0 U	50 U	50 U	50 U	10 U	5.0 U	5.0 U	**75[A]**	**210[A]**	27	**86[A]**	10 U	-	10 U	10 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	50 U	50 U	5.0 U	5.0 U	50 U	50 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	50 U	5.0 U	-	5.0 U	5.0 U
Methyl tert-butyl ether (MTBE)	µg/L	10[A]	10 U	10 U	2.5 U	2.5 U	25 U	25 U	25 U	1.0 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	25 U	1.0 U	-	1.0 U	1.0 U
Methylcyclohexane	µg/L	n/v	62	80	33	13	130	140	170	1.0 U	1.0 J	2.2 J	10 U	100 U	10 U	100 U	1.0 U	-	1.0 U	1.0 U
Methylene Chloride (Dichloromethane)	µg/L	5[B]	10 U	**12[B]**	2.5 U	2.5 U	25 U	25 U	25 U	1.0 U	2.5 U	2.5 U	0.93 J	25 U	2.5 U	25 U	1.0 U	-	1.0 U	1.0 U
Naphthalene	µg/L	10[B]	**27[B]**	**30[B]**	-	2.1 J	-	-	-	1.0 U	-	2.5 U	-	25 U	-	25 U	-	-	1.0 U	-
Propylbenzene, n-	µg/L	5[B]	**28[B]**	**28[B]**	-	2.5 U	-	-	-	1.0 U	-	1.2 J	-	25 U	-	25 U	1.0 U	-	1.0 U	1.0 U
Styrene	µg/L	5[B]	10 U	10 U	2.5 U	2.5 U	25 U	25 U	25 U	1.0 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	25 U	1.0 U	-	1.0 U	1.0 U
Tetrachloroethane, 1,1,2,2-	µg/L	5[B]	10 U	10 U	0.50 U	0.50 U	5.0 U	5.0 U	5.0 U	1.0 U	0.50 U	0.50 U	0.50 U	5.0 U	0.50 U	5.0 U	1.0 U	-	1.0 U	1.0 U
Tetrachloroethene (PCE)	µg/L	5[B]	10 U	10 U	0.50 U	0.21 J	5.0 U	5.0 U	5.0 U	1.0 U	0.41 J	0.19 J	1.5	5.0 U	0.28 J	5.0 U	1.0 U	-	1.0 U	1.0 U
Toluene	µg/L	5[B]	**12[B]**	**16[B]**	1.7 J	2.5 U	**56[B]**	**56[B]**	**75[B]**	1.0 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	25 U	1.0 U	-	1.0 U	1.0 U
Trichlorobenzene, 1,2,3-	µg/L	5[B]	-	-	2.5 U	-	25 U	25 U	25 U	-	2.5 U	-	2.5 U	-	2.5 U	-	-	-	-	-
Trichlorobenzene, 1,2,4-	µg/L	5[B]	10 U	10 U	2.5 U	2.5 U	25 U	25 U	25 U	1.0 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	25 U	1.0 U	-	1.0 U	1.0 U
Trichloroethane, 1,1,1-	µg/L	5[B]	10 U	10 U	2.5 U	2.5 U	25 U	25 U	25 U	1.0 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	25 U	1.0 U	-	1.0 U	1.0 U
Trichloroethane, 1,1,2-	µg/L	1[B]	10 U	10 U	1.5 U	1.5 U	15 U	15 U	15 U	1.0 U	1.5 U	1.5 U	1.5 U	15 U	1.5 U	15 U	1.0 U	-	1.0 U	1.0 U
Trichloroethene (TCE)	µg/L	5[B]	10 U	10 U	0.50 U	0.50 U	5.0 U	5.0 U	5.0 U	1.0 U	0.50 U	0.50 U	2.2	5.0 U	0.75	5.0 U	1.0 U	-	1.0 U	1.0 U
Trichlorofluoromethane (Freon 11)	µg/L	5[B]	10 U	10 U	2.5 U	2.5 U	25 U	25 U	25 U	1.0 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	25 U	1.0 U	-	1.0 U	1.0 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5[B]	10 U	10 U	2.5 U	2.5 U	25 U	25 U	25 U	1.0 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	25 U	1.0 U	-	1.0 U	1.0 U
Trimethylbenzene, 1,2,4-	µg/L	5[B]	**260[B]**	**310[B]**	-	**8.6[B]**	-	-	-	1.0 U	-	2.1 J	-	25 U	-	**17 J[B]**	1.0 U	-	1.0 U	1.0 U
Trimethylbenzene, 1,3,5-	µg/L	5[B]	**56[B]**	**53[B]**	-	1.3 J	-	-	-	1.0 U	-	2.5 U	-	25 U	-	25 U	1.0 U	-	1.0 U	1.0 U
Vinyl Chloride	µg/L	2[B]	10 U	10 UJ	1.0 U	1.0 U	10 U	10 U	10 U	1.0 U	0.69 J	2.0	1.0 U	10 U	0.32 J	10 U	1.0 U	-	1.0 U	1.0 U
Xylene, m & p-	µg/L	5[B]	-	-	**22[B]**	1.4 J	**700[B]**	**810[B]**	**800[B]**	-	2.5 U	2.5 U	2.5 U	25 U	**9.5[B]**	25 U	-	-	-	-
Xylene, o-	µg/L	5[B]	-	-	1.7 J	2.5 U	**33[B]**	**35[B]**	**35[B]**	-	2.5 U	2.5 U	2.5 U	25 U	**5.3[B]**	25 U	-	-	-	-
Xylenes, Total	µg/L	5[B]	**150[B]**	**220[B]**	-	-	-	-	-	2.0 U	-	-	-	-	-	-	2.0 U	-	2.0 U	2.0 U
Total VOC	µg/L	n/v	622	731	98	37.88	2,229	2,383	2,863	ND	10.41	15.55	136.63	980	65.25	137	ND	-	ND	ND
VOC TICs																				
Total VOC TICs	µg/L	n/v	1,488 TJN	2,010 TJN	514 J	180 J	3,300 J	4,670 J	-	ND	-	105 J	-	15.6 J	57.4 J	35.2 J	ND	-	-	ND

See notes on last page.

Table 2
Summary of Analytical Results for Groundwater
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location			TRIP BLANK													
Sample Date			1-Oct-18	2-Oct-18	26-Feb-19	28-Feb-19	2-Mar-19	22-Apr-19	24-Apr-19	25-Apr-19	26-Jun-23	27-Jun-23	28-Jun-23	27-Sep-23	28-Sep-23	29-Sep-23
Sample ID			TRIP BLANK 1	TRIP BLANK	TRIP BLANK 1	TRIP BLANK 2	TRIP BLANK 3	CNL-TRIPBLANK1-W	CNL-TRIPBLANK2-W	CNL-TRIP BLANK3-W	CNL-TB1-W	CNL-TB2-W	CNL-TB3-W	CNL-TB1-W	CNL-TB2-W	CNL-TB3-W
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA
Laboratory Work Order			480-142699-1	480-142699-1	480-149237-1	480-149237-1	480-149237-1	480-152402-1	480-152563-1	480-152563-1	L2336550	L2336825	L2337095	L2356876	L2357204	L2357541
Laboratory Sample ID			480-142699-4	480-142788-7	480-149515-9	480-149629-1	480-149763-2	480-152402-4	480-152563-9	480-152675-2	L2336550-04	L2336825-07	L2337095-02	L2356876-02	L2357204-05	L2357541-06
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
General Chemistry																
Cyanide	mg/L	0.2[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cyanide (Reactive)	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flashpoint	deg F	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrate	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrate (as N)	mg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrite	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH, lab	S.U.	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate	mg/L	250[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate	mg/L	250[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfide (Reactive)	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfur	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Temperature, Lab	deg C	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Carbon	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals, Dissolved																
Aluminum	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	mg/L	0.003[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/L	0.025[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	mg/L	1[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/L	0.003[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	0.005[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.05[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	0.2[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	0.3.[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.025[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	35[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.3.[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	0.0007[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	mg/L	0.1[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.01[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	0.05[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	mg/L	20[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.0005[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	2[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals, Total																
Aluminum	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	mg/L	0.003[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/L	0.025[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Barium	mg/L	1[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/L	0.003[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	0.005[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	0.05[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/L	0.2[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron	mg/L	0.3.[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	0.025[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/L	35[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/L	0.3.[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/L	0.0007[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel	mg/L	0.1[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	0.01[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	0.05[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium	mg/L	20[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	mg/L	0.0005[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/L	2[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See notes on last page.

Table 2
Summary of Analytical Results for Groundwater
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location			TRIP BLANK													
Sample Date			1-Oct-18	2-Oct-18	26-Feb-19	28-Feb-19	2-Mar-19	22-Apr-19	24-Apr-19	25-Apr-19	26-Jun-23	27-Jun-23	28-Jun-23	27-Sep-23	28-Sep-23	29-Sep-23
Sample ID			TRIP BLANK 1	TRIP BLANK	TRIP BLANK 1	TRIP BLANK 2	TRIP BLANK 3	CNL-TRIPBLANK1-W	CNL-TRIPBLANK2-W	CNL-TRIP BLANK3-W	CNL-TB1-W	CNL-TB2-W	CNL-TB3-W	CNL-TB1-W	CNL-TB2-W	CNL-TB3-W
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA
Laboratory Work Order			480-142699-1	480-142699-1	480-149237-1	480-149237-1	480-149237-1	480-152402-1	480-152563-1	480-152563-1	L2336550	L2336825	L2337095	L2356876	L2357204	L2357541
Laboratory Sample ID			480-142699-4	480-142788-7	480-149515-9	480-149629-1	480-149763-2	480-152402-4	480-152563-9	480-152675-2	L2336550-04	L2336825-07	L2337095-02	L2356876-02	L2357204-05	L2357541-06
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
Polychlorinated Biphenyls																
Aroclor 1016	µg/L	0.09[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1221	µg/L	0.09[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1232	µg/L	0.09[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1242	µg/L	0.09[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1248	µg/L	0.09[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1254	µg/L	0.09[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1260	µg/L	0.09[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls (PCBs)	µg/L	0.09$_b$[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pesticides																
Aldrin	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BHC, alpha-	µg/L	0.01[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BHC, beta-	µg/L	0.04[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BHC, delta-	µg/L	0.04[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Camphechlor (Toxaphene)	µg/L	0.06[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane, alpha-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane, trans- (gamma-Chlordane)	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DDD (p,p'-DDD)	µg/L	0.3[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DDE (p,p'-DDE)	µg/L	0.2[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DDT (p,p'-DDT)	µg/L	0.2[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	µg/L	0.004[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan Sulfate	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin Aldehyde	µg/L	5$_n$[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin Ketone	µg/L	5$_n$[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	µg/L	0.04[AB]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor Epoxide	µg/L	0.03[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lindane (Hexachlorocyclohexane, gamma)	µg/L	0.05[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor (4,4'-Methoxychlor)	µg/L	35[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane																
Dioxane, 1,4-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polycyclic Aromatic Hydrocarbons																
Acenaphthene	µg/L	20[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	0.002[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/L	ND[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/L	0.002[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/L	0.002[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloronaphthalene, 2-	µg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/L	0.002[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/L	0.002[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene, 1-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene, 2-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total PAH	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See notes on last page.

Table 2
Summary of Analytical Results for Groundwater
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location			TRIP BLANK													
Sample Date			1-Oct-18	2-Oct-18	26-Feb-19	28-Feb-19	2-Mar-19	22-Apr-19	24-Apr-19	25-Apr-19	26-Jun-23	27-Jun-23	28-Jun-23	27-Sep-23	28-Sep-23	29-Sep-23
Sample ID			TRIP BLANK 1	TRIP BLANK	TRIP BLANK 1	TRIP BLANK 2	TRIP BLANK 3	CNL-TRIPBLANK1-W	CNL-TRIPBLANK2-W	CNL-TRIP BLANK3-W	CNL-TB1-W	CNL-TB2-W	CNL-TB3-W	CNL-TB1-W	CNL-TB2-W	CNL-TB3-W
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA
Laboratory Work Order			480-142699-1	480-142699-1	480-149237-1	480-149237-1	480-149237-1	480-152402-1	480-152563-1	480-152563-1	L2336550	L2336825	L2337095	L2356876	L2357204	L2357541
Laboratory Sample ID			480-142699-4	480-142788-7	480-149515-9	480-149629-1	480-149763-2	480-152402-4	480-152563-9	480-152675-2	L2336550-04	L2336825-07	L2337095-02	L2356876-02	L2357204-05	L2357541-06
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
Semi-Volatile Organic Compounds																
Acenaphthene	µg/L	20[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetophenone	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atrazine	µg/L	7.5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/L	0.002[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/L	ND[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/L	0.002[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/L	0.002[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-Chloroethoxy)methane	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-Chloroethyl)ether	µg/L	1[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromophenyl Phenyl Ether, 4-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butyl Benzyl Phthalate	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloro-3-methyl phenol, 4-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroaniline, 4-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloronaphthalene, 2-	µg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorophenol, 2- (ortho-Chlorophenol)	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorophenyl Phenyl Ether, 4-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/L	0.002[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cresol, m & p- (Methylphenol, 3&4-)	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cresol, o- (Methylphenol, 2-)	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cresol, p- (Methylphenol, 4-)	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibutyl Phthalate (DBP)	µg/L	50[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobenzidine, 3,3'-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorophenol, 2,4-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl Phthalate	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl Phthalate	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylphenol, 2,4-	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dinitro-o-cresol, 4,6-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dinitrophenol, 2,4-	µg/L	10[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dinitrotoluene, 2,4-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dinitrotoluene, 2,6-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-Octyl phthalate	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg/L	0.04[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/L	0.5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/L	0.002[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene, 2-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/L	10[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitroaniline, 2-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitroaniline, 3-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitroaniline, 4-	µg/L	5[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	µg/L	0.4[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrophenol, 2-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrophenol, 4-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-Propylamine	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Nitrosodiphenylamine	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/L	1.0[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	µg/L	1.0[B]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	µg/L	50[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobenzene, 1,2,4,5-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorophenol, 2,3,4,6-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorophenol, 2,4,5-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorophenol, 2,4,6-	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cresol, m- (Methylphenol, 3-)	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total SVOC	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SVOC TICs																
Total SVOC TICs	µg/L	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See notes on last page.

Table 2
Summary of Analytical Results for Groundwater
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location			TRIP BLANK													
Sample Date			1-Oct-18	2-Oct-18	26-Feb-19	28-Feb-19	2-Mar-19	22-Apr-19	24-Apr-19	25-Apr-19	26-Jun-23	27-Jun-23	28-Jun-23	27-Sep-23	28-Sep-23	29-Sep-23
Sample ID			TRIP BLANK 1	TRIP BLANK	TRIP BLANK 1	TRIP BLANK 2	TRIP BLANK 3	CNL-TRIPBLANK1-W	CNL-TRIPBLANK2-W	CNL-TRIP BLANK3-W	CNL-TB1-W	CNL-TB2-W	CNL-TB3-W	CNL-TB1-W	CNL-TB2-W	CNL-TB3-W
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA
Laboratory Work Order			480-142699-1	480-142699-1	480-149237-1	480-149237-1	480-149237-1	480-152402-1	480-152563-1	480-152563-1	L2336550	L2336825	L2337095	L2356876	L2357204	L2357541
Laboratory Sample ID			480-142699-4	480-142788-7	480-149515-9	480-149629-1	480-149763-2	480-152402-4	480-152563-9	480-152675-2	L2336550-04	L2336825-07	L2337095-02	L2356876-02	L2357204-05	L2357541-06
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
Volatile Organic Compounds																
Acetone	µg/L	50[A]	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	µg/L	1[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	µg/L	50[A]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromoform (Tribromomethane)	µg/L	50[A]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U *	1.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Bromomethane (Methyl bromide)	µg/L	5[B]	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Butylbenzene, n-	µg/L	5[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	-	-	-	2.5 U	2.5 U
Butylbenzene, sec- (2-Phenylbutane)	µg/L	5[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	-	-	-	2.5 U	2.5 U
Butylbenzene, tert-	µg/L	5[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	-	-	-	2.5 U	2.5 U
Carbon Disulfide	µg/L	60[A]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U *	1.0 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chlorobenzene (Monochlorobenzene)	µg/L	5[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chlorobromomethane	µg/L	5[B]	-	-	-	-	-	-	-	-	2.5 U	2.5 U	2.5 U	2.5 U	-	-
Chloroethane (Ethyl Chloride)	µg/L	5[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroform (Trichloromethane)	µg/L	7[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloromethane	µg/L	5[B]	1.0 U	1.0 U	1.0 U *	1.0 U	1.0 U *	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Cyclohexane	µg/L	n/v	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Dibromochloromethane	µg/L	50[A]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U *	1.0 U *	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichlorobenzene, 1,2-	µg/L	3[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Dichlorobenzene, 1,3-	µg/L	3[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Dichlorobenzene, 1,4-	µg/L	3[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Dichlorodifluoromethane (Freon 12)	µg/L	5[B]	1.0 U	1.0 U	1.0 U *	1.0 U *	1.0 U *	1.0 U	1.0 UJ	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dichloroethane, 1,1-	µg/L	5[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Dichloroethane, 1,2-	µg/L	0.6[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichloroethene, 1,1-	µg/L	5[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichloroethene, cis-1,2-	µg/L	5[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Dichloroethene, trans-1,2-	µg/L	5[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Dichloropropane, 1,2-	µg/L	1[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichloropropene, cis-1,3-	µg/L	0.4[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dichloropropene, trans-1,3-	µg/L	0.4[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U *	1.0 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Dioxane, 1,4-	µg/L	n/v	-	-	-	-	-	-	-	-	250 U	250 U	250 U	250 U	-	-
Ethylbenzene	µg/L	5[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50[A]	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	µg/L	5[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Isopropyltoluene, p- (Cymene)	µg/L	5[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	-	-	-	2.5 U	2.5 U
Methyl Acetate	µg/L	n/v	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/L	50[A]	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methyl tert-butyl ether (MTBE)	µg/L	10[A]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Methylcyclohexane	µg/L	n/v	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride (Dichloromethane)	µg/L	5[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Naphthalene	µg/L	10[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	-	-	-	2.5 U	2.5 U
Propylbenzene, n-	µg/L	5[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	-	-	-	2.5 U	2.5 U
Styrene	µg/L	5[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tetrachloroethane, 1,1,2,2-	µg/L	5[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Tetrachloroethene (PCE)	µg/L	5[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	µg/L	5[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trichlorobenzene, 1,2,3-	µg/L	5[B]	-	-	-	-	-	-	-	-	2.5 U	2.5 U	2.5 U	2.5 U	-	-
Trichlorobenzene, 1,2,4-	µg/L	5[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trichloroethane, 1,1,1-	µg/L	5[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trichloroethane, 1,1,2-	µg/L	1[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Trichloroethene (TCE)	µg/L	5[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Trichlorofluoromethane (Freon 11)	µg/L	5[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trichlorotrifluoroethane (Freon 113)	µg/L	5[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trimethylbenzene, 1,2,4-	µg/L	5[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	-	-	-	2.5 U	2.5 U
Trimethylbenzene, 1,3,5-	µg/L	5[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	-	-	-	-	2.5 U	2.5 U
Vinyl Chloride	µg/L	2[B]	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene, m & p-	µg/L	5[B]	-	-	-	-	-	-	-	-	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Xylene, o-	µg/L	5[B]	-	-	-	-	-	-	-	-	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Xylenes, Total	µg/L	5[B]	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	-	-	-	-	-	-
Total VOC	µg/L	n/v	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VOC TICs																
Total VOC TICs	µg/L	n/v	ND	2.9 T J	ND	ND	ND	ND	2.9 T J	ND	-	-	-	-	-	-

See notes on last page.

Table 2
Summary of Analytical Results for Groundwater
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Notes:

TOGS	NYSDEC TOGS 1.1.1 (Reissued June 1998 with errata in January 1999 and addenda in April 2000 and June 2004)
A	TOGS 1.1.1 - Table 1 - Ambient Water Quality Standards and Guidance Values, Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1); Guidance
B	TOGS 1.1.1 - Table 1 - Ambient Water Quality Standards and Guidance Values, Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1); Standards
6.5[A]	Concentration exceeds the indicated standard.
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.
+	The standard for Iron and Manganese is 500 ug/L, which applies to the sum of these substances. As individual standards, the standard is 300 ug/L.
++	The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in the TOGS table) applies to this substance.
b	Standard applies to the sum of all polychlorinated biphenyls.
ND	None detected.
p	Applies to the sum of cis- and trans-1,3-dichloropropene.
x	Topsoil: surface A, L, F, H and O horizons on the control area, or the equivalent surface soil where these horizons are not present.
*	Indicates analysis is not within the quality control limits.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits.
HF	Field parameter with a holding time of 15 minutes
J	The reported result is an estimated value.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
ND	Not detected.
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.
T	Indicates analysis as total metal concentration
TJ	Matrix Spike/Matrix Spike Duplicate results were outside of control limits. This may indicate a bias for the sample that was spiked. Since the LCS recoveries were within control limits, no data are flagged.
U	Indicates that the analyte was analyzed but not detected.
UJ	Indicates estimated non-detect.
R	Rejected
ALPHA	Alpha Scientific Corp
ESC	ESC Lab Sciences
TALBU	Test America, Buffalo, NY

Table 3
Soils Exceeding Restricted SCOs after the Remedial Action
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				B-117			B-120			TP-4
Sample Date				21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	28-Aug-18
Sample ID				CNL-B117-S	CNL-B120-S (SVOCs)	CNL-BDUP-S (SVOCs)	CNL-B120-S (VOCs)	CNL-B120-S (Metals)	CNL-BDUP-S (Metals)	CNL-TP4-S
Sample Depth				5.4 - 5.9 ft	3.5 - 3.7 ft	3.5 - 3.7 ft	3.7 - 4 ft	4 - 4.5 ft	4 - 4.5 ft	4 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-140994-1
Laboratory Sample ID				480-149425-2	480-149425-4	480-149425-7	480-149425-4	480-149425-4	480-149425-7	480-140994-4
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51			Field Duplicate			Field Duplicate	
General Chemistry										
Cyanide	mg/kg	27_i^{AB} 40_i^{C}	n/v	-	-	-	-	-	-	1.1
Cyanide (Reactive)	mg/kg	n/v	n/v	-	-	-	-	-	-	-
Flashpoint	deg F	n/v	n/v	-	-	-	-	-	-	-
pH, lab	S.U.	n/v	n/v	-	-	-	-	-	-	-
Sulfide (Reactive)	mg/kg	n/v	n/v	-	-	-	-	-	-	-
Temperature, Lab	deg C	n/v	n/v	-	-	-	-	-	-	-
Total Solids	%	n/v	n/v	-	-	-	-	-	-	-
Total Solids (Fixed)	%	n/v	n/v	-	-	-	-	-	-	-
Total Solids (Volatile)	%	n/v	n/v	-	-	-	-	-	-	-
Metals										
Aluminum	mg/kg	$10{,}000_e^{ABC}$	n/v	-	-	-	-	-	-	8,020 J
Antimony	mg/kg	$10{,}000_e^{ABC}$	n/v	-	-	-	-	-	-	17.5 UJ
Arsenic	mg/kg	13_n^{A} 16_g^{BC}	n/v	2.2 U	-	-	-	2.3 U	2.3 U	7.4
Barium	mg/kg	350_n^{A} 400^{B} 820^{C}	n/v	18.2	-	-	-	25.0	18.5	128 J
Beryllium	mg/kg	7.2^{A} 72^{B} 47^{C}	n/v	-	-	-	-	-	-	0.37
Cadmium	mg/kg	2.5_n^{A} 4.3^{B} 7.5^{C}	n/v	0.22 U	-	-	-	0.23 U	0.23 U	0.82
Calcium	mg/kg	$10{,}000_e^{ABC}$	n/v	-	-	-	-	-	-	**37,100 F2^{ABC}**
Chromium	mg/kg	$30_{n,I}^{A}$ 180_I^{B} $_{NS,q}^{C}$	n/v	4.6	-	-	-	5.9	4.8	15.0
Cobalt	mg/kg	$10{,}000_e^{ABC}$	n/v	-	-	-	-	-	-	5.1
Copper	mg/kg	50^{A} 270^{B} $1{,}720^{C}$	n/v	-	-	-	-	-	-	50.0 J
Iron	mg/kg	$10{,}000_e^{ABC}$	n/v	-	-	-	-	-	-	**17,600 F2^{ABC}**
Lead	mg/kg	63_n^{A} 400^{B} 450^{C}	n/v	3.5	-	-	-	2.9	2.5	**329 F2^{A}**
Magnesium	mg/kg	$10{,}000_e^{ABC}$	n/v	-	-	-	-	-	-	**10,400 F2^{ABC}**
Manganese	mg/kg	$1{,}600_n^{A}$ $2{,}000_g^{BC}$	n/v	-	-	-	-	-	-	573 BF2
Mercury	mg/kg	0.18_n^{A} 0.81_k^{B} 0.73^{C}	n/v	0.022 U	-	-	-	0.023 U	0.021 U	**0.45 J^{A}**
Nickel	mg/kg	30^{A} 310^{B} 130^{C}	n/v	-	-	-	-	-	-	11.2
Potassium	mg/kg	$10{,}000_e^{ABC}$	n/v	-	-	-	-	-	-	1,360 J
Selenium	mg/kg	3.9_n^{A} 180^{B} 4_g^{C}	n/v	4.5 U	-	-	-	4.5 U	4.6 U	4.7 U
Silver	mg/kg	2^{A} 180^{B} 8.3^{C}	n/v	0.67 U	-	-	-	0.68 U	0.69 U	0.70 U
Sodium	mg/kg	$10{,}000_e^{ABC}$	n/v	-	-	-	-	-	-	554
Thallium	mg/kg	$10{,}000_e^{ABC}$	n/v	-	-	-	-	-	-	7.0 U
Vanadium	mg/kg	$10{,}000_e^{ABC}$	n/v	-	-	-	-	-	-	18.1
Zinc	mg/kg	109_n^{A} $10{,}000_e^{B}$ $2{,}480^{C}$	n/v	-	-	-	-	-	-	**257 J-^{A}**
Metals - TCLP										
Arsenic	mg/L	n/v	n/v	-	-	-	-	-	-	-
Barium	mg/L	n/v	n/v	-	-	-	-	-	-	-
Cadmium	mg/L	n/v	n/v	-	-	-	-	-	-	-
Chromium	mg/L	n/v	n/v	-	-	-	-	-	-	-

Table 3
Soils Exceeding Restricted SCOs after the Remedial Action
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				B-117			B-120			TP-4
Sample Date				21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	28-Aug-18
Sample ID				CNL-B117-S	CNL-B120-S (SVOCs)	CNL-BDUP-S (SVOCs)	CNL-B120-S (VOCs)	CNL-B120-S (Metals)	CNL-BDUP-S (Metals)	CNL-TP4-S
Sample Depth				5.4 - 5.9 ft	3.5 - 3.7 ft	3.5 - 3.7 ft	3.7 - 4 ft	4 - 4.5 ft	4 - 4.5 ft	4 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-140994-1
Laboratory Sample ID				480-149425-2	480-149425-4	480-149425-7	480-149425-4	480-149425-4	480-149425-7	480-140994-4
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51			Field Duplicate			Field Duplicate	
Lead	mg/L	n/v	n/v	-	-	-	-	-	-	-
Mercury	mg/L	n/v	n/v	-	-	-	-	-	-	-
Selenium	mg/L	n/v	n/v	-	-	-	-	-	-	-
Silver	mg/L	n/v	n/v	-	-	-	-	-	-	-
Polychlorinated Biphenyls										
Aroclor 1016	mg/kg	$_{o}^{ABC}$	n/v	-	-	-	-	-	-	0.29 U
Aroclor 1221	mg/kg	$_{o}^{ABC}$	n/v	-	-	-	-	-	-	0.29 U
Aroclor 1232	mg/kg	$_{o}^{ABC}$	n/v	-	-	-	-	-	-	0.29 U
Aroclor 1242	mg/kg	$_{o}^{ABC}$	n/v	-	-	-	-	-	-	0.29 U
Aroclor 1248	mg/kg	$_{o}^{ABC}$	n/v	-	-	-	-	-	-	0.29 U
Aroclor 1254	mg/kg	$_{o}^{ABC}$	n/v	-	-	-	-	-	-	0.29 U
Aroclor 1260	mg/kg	$_{o}^{ABC}$	n/v	-	-	-	-	-	-	0.29 U
Polychlorinated Biphenyls (PCBs)	mg/kg	0.1^{A} 1^{B} 3.2^{C}	n/v	-	-	-	-	-	-	ND
Pesticides										
Aldrin	µg/kg	5_{n}^{A} 97^{B} 190^{C}	n/v	-	-	-	-	-	-	190 U
BHC, alpha-	µg/kg	20^{AC} 480^{B}	n/v	-	-	-	-	-	-	190 U
BHC, beta-	µg/kg	36^{A} 360^{B} 90^{C}	n/v	-	-	-	-	-	-	190 U
BHC, delta-	µg/kg	40_{n}^{A} $100{,}000_{b}^{B}$ 250^{C}	n/v	-	-	-	-	-	-	190 U
Camphechlor (Toxaphene)	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	-	-	-	-	-	-	1,900 U
Chlordane, alpha-	µg/kg	94^{A} $4{,}200^{B}$ $2{,}900^{C}$	n/v	-	-	-	-	-	-	190 U
Chlordane, trans- (gamma-Chlordane)	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	-	-	-	-	-	-	190 U
DDD (p,p'-DDD)	µg/kg	3.3_{m}^{A} $13{,}000^{B}$ $14{,}000^{C}$	n/v	-	-	-	-	-	-	190 U
DDE (p,p'-DDE)	µg/kg	3.3_{m}^{A} $8{,}900^{B}$ $17{,}000^{C}$	n/v	-	-	-	-	-	-	190 U
DDT (p,p'-DDT)	µg/kg	3.3_{m}^{A} $7{,}900^{B}$ $136{,}000^{C}$	n/v	-	-	-	-	-	-	190 U
Dieldrin	µg/kg	5_{n}^{A} 200^{B} 100^{C}	n/v	-	-	-	-	-	-	190 U
Endosulfan I	µg/kg	$2{,}400_{j}^{A}$ $24{,}000_{j}^{B}$ $102{,}000^{C}$	n/v	-	-	-	-	-	-	190 U
Endosulfan II	µg/kg	$2{,}400_{j}^{A}$ $24{,}000_{j}^{B}$ $102{,}000^{C}$	n/v	-	-	-	-	-	-	190 U
Endosulfan Sulfate	µg/kg	$2{,}400_{j}^{A}$ $24{,}000_{j}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	-	-	-	-	-	-	190 U
Endrin	µg/kg	14^{A} $11{,}000^{B}$ 60^{C}	n/v	-	-	-	-	-	-	190 U
Endrin Aldehyde	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	-	-	-	-	-	-	190 U
Endrin Ketone	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	-	-	-	-	-	-	190 U
Heptachlor	µg/kg	42^{A} $2{,}100^{B}$ 380^{C}	n/v	-	-	-	-	-	-	190 U
Heptachlor Epoxide	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	-	-	-	-	-	-	190 U
Lindane (Hexachlorocyclohexane, gamma)	µg/kg	100^{AC} $1{,}300^{B}$	n/v	-	-	-	-	-	-	190 U
Methoxychlor (4,4'-Methoxychlor)	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	-	-	-	-	-	-	190 U
See notes on last page.										
Polycyclic Aromatic Hydrocarbons										
Acenaphthene	µg/kg	$20{,}000^{A}$ $100{,}000_{b}^{B}$ $98{,}000^{C}$	$20{,}000^{F}$	9,000	5,700 J	190 UJ	-	-	-	79,000 U
Acenaphthylene	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $107{,}000^{C}$	$100{,}000^{F}$	3,800 U	3,400 J	190 UJ	-	-	-	79,000 U

Table 3
Soils Exceeding Restricted SCOs after the Remedial Action
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				B-117			B-120			TP-4
Sample Date				21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	28-Aug-18
Sample ID				CNL-B117-S	CNL-B120-S (SVOCs)	CNL-BDUP-S (SVOCs)	CNL-B120-S (VOCs)	CNL-B120-S (Metals)	CNL-BDUP-S (Metals)	CNL-TP4-S
Sample Depth				5.4 - 5.9 ft	3.5 - 3.7 ft	3.5 - 3.7 ft	3.7 - 4 ft	4 - 4.5 ft	4 - 4.5 ft	4 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-140994-1
Laboratory Sample ID				480-149425-2	480-149425-4	480-149425-7	480-149425-4	480-149425-4	480-149425-7	480-140994-4
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51			Field Duplicate			Field Duplicate	
Anthracene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	100,000[F]	21,000	24,000 J	270 J	-	-	-	**110,000[ABF]**
Benzo(a)anthracene	µg/kg	1,000$_n$[A] 1,000$_g$[BC]	1,000[F]	**20,000[ABCF]**	**23,000 J[ABCF]**	190 UJ	-	-	-	**310,000[ABCF]**
Benzo(a)pyrene	µg/kg	1,000$_n$[A] 1,000$_g$[B] 22,000[C]	1,000[F]	**16,000[ABF]**	**18,000 J[ABF]**	190 UJ	-	-	-	**250,000[ABCF]**
Benzo(b)fluoranthene	µg/kg	1,000$_n$[A] 1,000$_g$[B] 1,700[C]	1,000[F]	**20,000[ABCF]**	**20,000 J[ABCF]**	190 UJ	-	-	-	**360,000[ABCF]**
Benzo(g,h,i)perylene	µg/kg	100,000[A] 100,000$_b$[B] 1,000,000$_d$[C]	100,000[F]	9,900	12,000 J	190 UJ	-	-	-	**150,000[ABF]**
Benzo(k)fluoranthene	µg/kg	800$_n$[A] 3,900[B] 1,700[C]	800[F]	**8,400[ABCF]**	**12,000 J[ABCF]**	190 UJ	-	-	-	**130,000[ABCF]**
Chrysene	µg/kg	1,000$_n$[A] 3,900[B] 1,000$_g$[C]	1,000[F]	**19,000[ABCF]**	**21,000 J[ABCF]**	190 UJ	-	-	-	**330,000[ABCF]**
Dibenzo(a,h)anthracene	µg/kg	330$_m$[A] 330$_f$[B] 1,000,000$_d$[C]	330[F]	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Fluoranthene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	100,000[F]	57,000	67,000 J	380 J	-	-	-	**830,000[ABF]**
Fluorene	µg/kg	30,000[A] 100,000$_b$[B] 386,000[C]	30,000[F]	10,000	13,000 J	190 UJ	-	-	-	79,000 U
Indeno(1,2,3-cd)pyrene	µg/kg	500$_n$[A] 500$_g$[B] 8,200[C]	500[F]	**9,800[ABCF]**	**11,000 J[ABCF]**	190 UJ	-	-	-	**150,000[ABCF]**
Naphthalene	µg/kg	12,000[AC] 100,000$_b$[B]	12,000[EF]	**20,000[ACEF]**	1,900 UJ	190 UJ	-	-	-	79,000 U
Phenanthrene	µg/kg	100,000[A] 100,000$_b$[B] 1,000,000$_d$[C]	100,000[F]	93,000	**110,000 J[ABF]**	580 J	-	-	-	**630,000[ABF]**
Pyrene	µg/kg	100,000[A] 100,000$_b$[B] 1,000,000$_d$[C]	100,000[F]	41,000	46,000 J	300 J	-	-	-	**540,000[ABF]**
Total PAH	µg/kg	n/v	n/v	354,100	386,100	1,530	-	-	-	3,790,000
Semi-Volatile Organic Compounds										
Acetophenone	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Atrazine	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U *
Benzaldehyde	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Biphenyl	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	4,500	1,900 UJ	190 UJ	-	-	-	79,000 U
Bis(2-Chloroethoxy)methane	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Bis(2-Chloroethyl)ether	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Bromophenyl Phenyl Ether, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Butyl Benzyl Phthalate	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Caprolactam	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Carbazole	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	10,000	12,000 J	190 UJ	-	-	-	79,000 U
Chloro-3-methyl phenol, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Chloroaniline, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Chloronaphthalene, 2-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Chlorophenyl Phenyl Ether, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Cresol, o- (Methylphenol, 2-)	µg/kg	330$_m$[A] 100,000$_b$[B] 330$_f$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Cresol, p- (Methylphenol, 4-)	µg/kg	330$_m$[A] 100,000$_b$[B] 330$_f$[C]	n/v	7,500 U	3,600 UJ	370 UJ	-	-	-	150,000 U
Dibenzofuran	µg/kg	7,000[A] 59,000[B] 210,000[C]	n/v	**20,000[A]**	**15,000 J[A]**	190 UJ	-	-	-	79,000 U
Dibutyl Phthalate (DBP)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U

Table 3
Soils Exceeding Restricted SCOs after the Remedial Action
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				B-117			B-120			TP-4
Sample Date				21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	28-Aug-18
Sample ID				CNL-B117-S	CNL-B120-S (SVOCs)	CNL-BDUP-S (SVOCs)	CNL-B120-S (VOCs)	CNL-B120-S (Metals)	CNL-BDUP-S (Metals)	CNL-TP4-S
Sample Depth				5.4 - 5.9 ft	3.5 - 3.7 ft	3.5 - 3.7 ft	3.7 - 4 ft	4 - 4.5 ft	4 - 4.5 ft	4 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-140994-1
Laboratory Sample ID				480-149425-2	480-149425-4	480-149425-7	480-149425-4	480-149425-4	480-149425-7	480-140994-4
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51			Field Duplicate			Field Duplicate	
Dichlorobenzidine, 3,3'-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	7,500 U	3,600 UJ	370 UJ	-	-	-	150,000 U
Dichlorophenol, 2,4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Diethyl Phthalate	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U *
Dimethyl Phthalate	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Dimethylphenol, 2,4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Dinitro-o-cresol, 4,6-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	7,500 U	3,600 UJ	370 UJ	-	-	-	150,000 U
Dinitrophenol, 2,4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	37,000 U	18,000 UJ	1,900 UJ	-	-	-	770,000 U
Dinitrotoluene, 2,4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Dinitrotoluene, 2,6-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Di-n-Octyl phthalate	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Hexachlorobenzene	µg/kg	330$_m$[A] 1,200[B] 3,200[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Hexachlorocyclopentadiene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Hexachloroethane	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Isophorone	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Methylnaphthalene, 2-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	13,000	1,900 UJ	190 UJ	-	-	-	79,000 U
Nitroaniline, 2-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	7,500 U	3,600 UJ	370 UJ	-	-	-	150,000 U
Nitroaniline, 3-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	7,500 U	3,600 UJ	370 UJ	-	-	-	150,000 U
Nitroaniline, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	7,500 U	3,600 UJ	370 UJ	-	-	-	150,000 U
Nitrobenzene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	15,000[D]	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Nitrophenol, 2-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Nitrophenol, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	7,500 U	3,600 UJ	370 UJ	-	-	-	150,000 U *
N-Nitrosodi-n-Propylamine	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
n-Nitrosodiphenylamine	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Pentachlorophenol	µg/kg	800$_m$[A] 6,700[B] 800$_f$[C]	n/v	7,500 U	3,600 UJ	370 UJ	-	-	-	150,000 U
Phenol	µg/kg	330$_m$[A] 100,000$_b$[B] 330$_f$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Trichlorophenol, 2,4,5-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Trichlorophenol, 2,4,6-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	3,800 U	1,900 UJ	190 UJ	-	-	-	79,000 U
Total SVOC	µg/kg	n/v	n/v	47,500	27,000	ND	-	-	-	ND
SVOC TICs										
Total SVOC TICs	µg/kg	n/v	n/v	73,200 TJN	116,900 TJN	7,680 TJN	-	-	-	794,000 TJN
See notes on last page.										
Semi-Volatile Organic Compounds - TCLP										
Cresol, m- (Methylphenol, 3-)	mg/L	n/v	n/v	-	-	-	-	-	-	-
Cresol, o- (Methylphenol, 2-)	mg/L	n/v	n/v	-	-	-	-	-	-	-
Cresol, p- (Methylphenol, 4-)	mg/L	n/v	n/v	-	-	-	-	-	-	-
Dichlorobenzene, 1,4-	mg/L	n/v	n/v	-	-	-	-	-	-	-
Dinitrotoluene, 2,4-	mg/L	n/v	n/v	-	-	-	-	-	-	-
Hexachlorobenzene	mg/L	n/v	n/v	-	-	-	-	-	-	-

Table 3
Soils Exceeding Restricted SCOs after the Remedial Action
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				B-117			B-120			TP-4
Sample Date				21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	28-Aug-18
Sample ID				CNL-B117-S	CNL-B120-S (SVOCs)	CNL-BDUP-S (SVOCs)	CNL-B120-S (VOCs)	CNL-B120-S (Metals)	CNL-BDUP-S (Metals)	CNL-TP4-S
Sample Depth				5.4 - 5.9 ft	3.5 - 3.7 ft	3.5 - 3.7 ft	3.7 - 4 ft	4 - 4.5 ft	4 - 4.5 ft	4 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-140994-1
Laboratory Sample ID				480-149425-2	480-149425-4	480-149425-7	480-149425-4	480-149425-4	480-149425-7	480-140994-4
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51			Field Duplicate			Field Duplicate	
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	mg/L	n/v	n/v	-	-	-	-	-	-	-
Hexachloroethane	mg/L	n/v	n/v	-	-	-	-	-	-	-
Nitrobenzene	mg/L	n/v	15[D]	-	-	-	-	-	-	-
Pentachlorophenol	mg/L	n/v	n/v	-	-	-	-	-	-	-
Pyridine	mg/L	n/v	n/v	-	-	-	-	-	-	-
Trichlorophenol, 2,4,5-	mg/L	n/v	n/v	-	-	-	-	-	-	-
Trichlorophenol, 2,4,6-	mg/L	n/v	n/v	-	-	-	-	-	-	-
Volatile Organic Compounds										
Acetone	µg/kg	50[AC] 100,000$_b$[B]	n/v	6,000 U	-	-	28 U vs	-	-	29 U
Benzene	µg/kg	60[AC] 4,800[B]	60[EF]	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Bromodichloromethane	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Bromoform (Tribromomethane)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Bromomethane (Methyl bromide)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Butylbenzene, n-	µg/kg	12,000[AC] 100,000$_b$[B]	12,000[EF]	1,700	-	-	5.6 U vs	-	-	5.8 U
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11,000[AC] 100,000$_b$[B]	11,000[EF]	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Butylbenzene, tert-	µg/kg	5,900[AC] 100,000$_b$[B]	5,900[EF]	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Carbon Disulfide	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760[AC] 2,400[B]	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Chlorobenzene (Monochlorobenzene)	µg/kg	1,100[AC] 100,000$_b$[B]	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Chlorobromomethane	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-
Chloroethane (Ethyl Chloride)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Chloroform (Trichloromethane)	µg/kg	370[AC] 49,000[B]	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Chloromethane	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Cyclohexane	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Dibromochloromethane	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Dichlorobenzene, 1,2-	µg/kg	1,100[AC] 100,000$_b$[B]	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Dichlorobenzene, 1,3-	µg/kg	2,400[AC] 49,000[B]	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Dichlorobenzene, 1,4-	µg/kg	1,800[AC] 13,000[B]	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Dichlorodifluoromethane (Freon 12)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Dichloroethane, 1,1-	µg/kg	270[AC] 26,000[B]	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Dichloroethane, 1,2-	µg/kg	20$_m$[A] 3,100[B] 20$_g$[C]	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Dichloroethene, 1,1-	µg/kg	330[AC] 100,000$_b$[B]	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Dichloroethene, cis-1,2-	µg/kg	250[AC] 100,000$_b$[B]	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Dichloroethene, trans-1,2-	µg/kg	190[AC] 100,000$_b$[B]	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Dichloropropane, 1,2-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Dichloropropene, cis-1,3-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Dichloropropene, trans-1,3-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Ethylbenzene	µg/kg	1,000[AC] 41,000[B]	1,000[EF]	1,200 U	-	-	5.6 U vs	-	-	5.8 U

Table 3
Soils Exceeding Restricted SCOs after the Remedial Action
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location Sample Date Sample ID Sample Depth Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51	B-117 21-Feb-19 CNL-B117-S 5.4 - 5.9 ft STANTEC TAL 480-149215-1 480-149425-2	21-Feb-19 CNL-B120-S (SVOCs) 3.5 - 3.7 ft STANTEC TAL 480-149215-1 480-149425-4	21-Feb-19 CNL-BDUP-S (SVOCs) 3.5 - 3.7 ft STANTEC TAL 480-149215-1 480-149425-7 Field Duplicate	B-120 21-Feb-19 CNL-B120-S (VOCs) 3.7 - 4 ft STANTEC TAL 480-149215-1 480-149425-4	21-Feb-19 CNL-B120-S (Metals) 4 - 4.5 ft STANTEC TAL 480-149215-1 480-149425-4	21-Feb-19 CNL-BDUP-S (Metals) 4 - 4.5 ft STANTEC TAL 480-149215-1 480-149425-7 Field Duplicate	TP-4 28-Aug-18 CNL-TP4-S 4 ft STANTEC TAL 480-140994-1 480-140994-4
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	$100{,}000_a^{A}$ $100{,}000_b^{B}$ $1{,}000{,}000_d^{C}$	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	$100{,}000_a^{A}$ $100{,}000_b^{B}$ $1{,}000{,}000_d^{C}$	n/v	6,000 U	-	-	28 U vs	-	-	29 U
Isopropylbenzene	µg/kg	$100{,}000_a^{A}$ $100{,}000_b^{B}$ $1{,}000{,}000_d^{C}$	$2{,}300^{EF}$	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Isopropyltoluene, p- (Cymene)	µg/kg	$100{,}000_a^{A}$ $100{,}000_b^{B}$ $1{,}000{,}000_d^{C}$	$10{,}000^{EF}$	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Methyl Acetate	µg/kg	$100{,}000_a^{A}$ $100{,}000_b^{B}$ $1{,}000{,}000_d^{C}$	n/v	6,000 U	-	-	28 U vs	-	-	29 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	120^{AC} $100{,}000_b^{B}$	n/v	6,000 U	-	-	28 U vs	-	-	29 U *
Methyl Isobutyl Ketone (MIBK)	µg/kg	$100{,}000_a^{A}$ $100{,}000_b^{B}$ $1{,}000{,}000_d^{C}$	n/v	6,000 U	-	-	28 U vs	-	-	29 U
Methyl tert-butyl ether (MTBE)	µg/kg	930^{AC} $100{,}000_b^{B}$	930^{E}	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Methylcyclohexane	µg/kg	$100{,}000_a^{A}$ $100{,}000_b^{B}$ $1{,}000{,}000_d^{C}$	n/v	2,800	-	-	5.6 U vs	-	-	5.8 U
Methylene Chloride (Dichloromethane)	µg/kg	50^{AC} $100{,}000_b^{B}$	n/v	1,200 U	-	-	5.6 U	-	-	5.8 U
Naphthalene	µg/kg	$12{,}000^{AC}$ $100{,}000_b^{B}$	$12{,}000^{EF}$	1,300	-	-	5.6 U vs	-	-	-
Propylbenzene, n-	µg/kg	$3{,}900^{AC}$ $100{,}000_b^{B}$	$3{,}900^{EF}$	1,300	-	-	5.6 U vs	-	-	5.8 U
Styrene	µg/kg	$100{,}000_a^{A}$ $100{,}000_b^{B}$ $1{,}000{,}000_d^{C}$	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Tetrachloroethane, 1,1,2,2-	µg/kg	$100{,}000_a^{A}$ $100{,}000_b^{B}$ $1{,}000{,}000_d^{C}$	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Tetrachloroethene (PCE)	µg/kg	$1{,}300^{AC}$ $19{,}000^{B}$	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Toluene	µg/kg	700^{AC} $100{,}000_b^{B}$	700^{EF}	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Trichlorobenzene, 1,2,3-	µg/kg	$100{,}000_a^{A}$ $100{,}000_b^{B}$ $1{,}000{,}000_d^{C}$	n/v	-	-	-	-	-	-	-
Trichlorobenzene, 1,2,4-	µg/kg	$100{,}000_a^{A}$ $100{,}000_b^{B}$ $1{,}000{,}000_d^{C}$	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Trichloroethane, 1,1,1-	µg/kg	680^{AC} $100{,}000_b^{B}$	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Trichloroethane, 1,1,2-	µg/kg	$100{,}000_a^{A}$ $100{,}000_b^{B}$ $1{,}000{,}000_d^{C}$	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Trichloroethene (TCE)	µg/kg	470^{AC} $21{,}000^{B}$	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Trichlorofluoromethane (Freon 11)	µg/kg	$100{,}000_a^{A}$ $100{,}000_b^{B}$ $1{,}000{,}000_d^{C}$	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Trichlorotrifluoroethane (Freon 113)	µg/kg	$100{,}000_a^{A}$ $100{,}000_b^{B}$ $1{,}000{,}000_d^{C}$	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 U
Trimethylbenzene, 1,2,4-	µg/kg	$3{,}600^{AC}$ $52{,}000^{B}$	$3{,}600^{EF}$	**7,300^{ACEF}**	-	-	5.6 U vs	-	-	5.8 U
Trimethylbenzene, 1,3,5-	µg/kg	$8{,}400^{AC}$ $52{,}000^{B}$	$8{,}400^{EF}$	1,900	-	-	5.6 U vs	-	-	5.8 U
Vinyl Chloride	µg/kg	20^{AC} 900^{B}	n/v	1,200 U	-	-	5.6 U vs	-	-	5.8 UJ
Xylene, m & p-	µg/kg	260_p^{A} $100{,}000_{b,p}^{B}$ $1{,}600_p^{C}$	n/v	-	-	-	-	-	-	-
Xylene, o-	µg/kg	260_p^{A} $100{,}000_{b,p}^{B}$ $1{,}600_p^{C}$	n/v	-	-	-	-	-	-	-
Xylenes, Total	µg/kg	260^{A} $100{,}000_b^{B}$ $1{,}600^{C}$	260^{EF}	2,400 U	-	-	11 U vs	-	-	12 U
Total VOC	µg/kg	n/v	n/v	16,300	-	-	ND	-	-	ND
VOC TICs										
Total VOC TICs	µg/kg	n/v	n/v	79,600 TJN	-	-	ND	-	-	6.8 TJN
See notes on last page.										
Volatile Organic Compounds - TCLP										
Benzene	mg/L	n/v	0.06^{EF}	-	-	-	-	-	-	-
Carbon Tetrachloride (Tetrachloromethane)	mg/L	n/v	n/v	-	-	-	-	-	-	-
Chlorobenzene (Monochlorobenzene)	mg/L	n/v	n/v	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	n/v	n/v	-	-	-	-	-	-	-

Table 3
Soils Exceeding Restricted SCOs after the Remedial Action
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Sample Location				B-117			B-120			TP-4
Sample Date				21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	21-Feb-19	28-Aug-18
Sample ID				CNL-B117-S	CNL-B120-S (SVOCs)	CNL-BDUP-S (SVOCs)	CNL-B120-S (VOCs)	CNL-B120-S (Metals)	CNL-BDUP-S (Metals)	CNL-TP4-S
Sample Depth				5.4 - 5.9 ft	3.5 - 3.7 ft	3.5 - 3.7 ft	3.7 - 4 ft	4 - 4.5 ft	4 - 4.5 ft	4 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TAL	TAL	TAL	TAL	TAL	TAL	TAL
Laboratory Work Order				480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-149215-1	480-140994-1
Laboratory Sample ID				480-149425-2	480-149425-4	480-149425-7	480-149425-4	480-149425-4	480-149425-7	480-140994-4
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51			Field Duplicate			Field Duplicate	
Dichloroethane, 1,2-	mg/L	n/v	n/v	-	-	-	-	-	-	-
Dichloroethene, 1,1-	mg/L	n/v	n/v	-	-	-	-	-	-	-
Methyl Ethyl Ketone (MEK) (2-Butanone)	mg/L	n/v	n/v	-	-	-	-	-	-	-
Tetrachloroethene (PCE)	mg/L	n/v	n/v	-	-	-	-	-	-	-
Trichloroethene (TCE)	mg/L	n/v	n/v	-	-	-	-	-	-	-
Vinyl Chloride	mg/L	n/v	n/v	-	-	-	-	-	-	-

See notes on last page.

Table 3
Soils Exceeding Restricted SCOs after the Remedial Action
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Notes:

NYSDEC-Part 375	NYSDEC 6 NYCRR Part 375 Soil Clean-up Objectives (SCOs)
A	NYSDEC 6 NYCRR Part 375 - Unrestricted Use Soil Cleanup Objectives
B	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Human Health - Restricted Residential
C	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Groundwater
NYSDEC CP-51	New York State Department of Environmental Conservation, DEC Policy CP-51, October 21, 2010
D	Table 1 Supplemental Soil Cleanup Objectives - Restricted Residential
E	Table 2 Soil Cleanup Levels for Gasoline Contaminated Soils
F	Table 3 Soil Cleanup Levels for Fuel Oil Contaminated Soil
6.5[A]	Concentration exceeds the indicated standard.
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.
a	The SCOs for unrestricted use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3
b	The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3.
b,p	The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3. The criterion is applicable to total xylenes, and the individual isomers should be added for comparison.
d	The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 mg/kg (Organics) and 10000 mg/kg (Inorganics). See 6 NYCRR Part 375 TSD Section 9.3.
e	The SCOS for metals were capped at a maximum value of 10,000 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3.
f	For constituents where the calculated SCO was lower than the CRQL, the CRQL is used as the SCO value.
g	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
i	The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.
j	This SCO is the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
k	This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts). See 6 NYCRR Part 375 TSD Table 5.6-1.
m	For constituents where the calculated SCO was lower than the Contract Required Quantitation Limit (CRQL), the CRQL is used as the Track 1 SCO value.
n	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.
n,i	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site. The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.
NS,q	No SCO has been established for this compound. No SCO has been established for total chromium; however, see standards for trivalent and hexavalent chromium.
o	Standard is applicable to total PCBs, and the individual Aroclors should be added for comparison.
p	The criterion is applicable to total xylenes, and the individual isomers should be added for comparison.
*	Indicates analysis is not within the quality control limits.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
>	Greater than.
B	Indicates analyte was found in associated blank, as well as in the sample.
E	Result exceeded calibration range.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits.
H	Sample was prepped or analyzed beyond the specified holding time.
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
J	The reported result is an estimated value.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
ND	Not detected.
TJ	Result is a tentatively identified compound (TIC) and an estimated value.
TJN	Result is a tentatively identified compound (TIC) and an estimated value. Indicates an Estimated Value for TICs. Presumptive evidence of material.
UJ	Indicates estimated non-detect.
vs	Sample bottle contained visible sediment. Sample was shaken to obtain representative aliquot. Result may be biased high due to analyte present int sediment.
ESC	ESC Lab Sciences, Mt.Juliet, TN
LABRNY	Labella Associates, P.C.
TAL	Test America Laboratories Inc.
VOC TICs	Volatile Organic Compounds Tentatively Identified Compounds
SVOC TICs	Semi-Volatile Organic Compounds Tentatively Identified Compounds
TCLP	Toxicity Characteristic Leaching Procedure

Table 4
Offsite Soil Disposal Volumes and Facilities
Final Engineering Report (FER)
67-89 Canal Street, Rochester, NY
BCP Site #C828206

Date	Destination	Source	Ticket Number	WM Profile #	Tonnage
2/24/2023	High Acres	Building Area A	1521610	126013NY	18.50
2/24/2023	High Acres	Building Area A	1521613	126013NY	23.34
2/24/2023	High Acres	Building Area A	1521614	126013NY	18.04
2/24/2023	High Acres	Building Area A	1521638	126013NY	18.02
2/24/2023	High Acres	Building Area A	1521643	126013NY	18.58
2/24/2023	High Acres	Building Area A	1521644	126013NY	19.92
2/24/2023	High Acres	Building Area A	1521674	126013NY	20.46
2/24/2023	High Acres	Building Area A	1521677	126013NY	19.50
2/24/2023	High Acres	Building Area A	1521681	126013NY	17.77
2/24/2023	High Acres	Building Area A	1521715	126013NY	20.81
2/24/2023	High Acres	Building Area A	1521721	126013NY	24.15
2/24/2023	High Acres	Building Area A	1521723	126013NY	24.13
2/24/2023	High Acres	Building Area A	1521735	126013NY	22.47
3/3/2023	High Acres	Building Area A	1522476	126013NY	21.89
3/3/2023	High Acres	Building Area A	1522497	126013NY	21.13
3/3/2023	High Acres	Building Area A	1522517	126013NY	23.24
3/3/2023	High Acres	Building Area A	1522565	126013NY	23.21
3/3/2023	High Acres	Building Area A	1522591	126013NY	25.20
3/15/2023	High Acres	Building Area A	1523845	126013NY	28.26
3/15/2023	High Acres	Building Area A	1523846	126013NY	25.20
3/15/2023	High Acres	Building Area A	1523848	126013NY	24.30
3/15/2023	High Acres	Building Area A	1523847	126013NY	20.72
3/15/2023	High Acres	Building Area A	1523867	126013NY	25.24
3/15/2023	High Acres	Building Area A	1523871	126013NY	30.04
3/15/2023	High Acres	Building Area A	1523873	126013NY	26.93
3/15/2023	High Acres	Building Area A	1523886	126013NY	26.84
3/15/2023	High Acres	Building Area A	1523888	126013NY	26.66
3/15/2023	High Acres	Building Area A	1523890	126013NY	25.60
3/15/2023	High Acres	Building Area A	1523903	126013NY	27.12
3/15/2023	High Acres	Building Area A	1523908	126013NY	23.16
3/15/2023	High Acres	Building Area A	1523912	126013NY	22.40
3/15/2023	High Acres	Building Area A	1523952	126013NY	22.42
3/15/2023	High Acres	Building Area A	1523956	126013NY	18.98
3/15/2023	High Acres	Building Area A	1523957	126013NY	22.09
3/16/2023	High Acres	Building Area A	1524007	126013NY	24.76
3/16/2023	High Acres	Building Area A	1524025	126013NY	22.47
3/16/2023	High Acres	Building Area A	1524042	126013NY	26.18
3/16/2023	High Acres	Building Area A	1524055	126013NY	21.60
3/16/2023	High Acres	Building Area A	1524109	126013NY	27.72
3/30/2023	High Acres	Building Area A	1525852	126013NY	25.55
3/30/2023	High Acres	Building Area A	1525884	126013NY	25.70
3/30/2023	High Acres	Building Area A	1525912	126013NY	25.47

Table 4
Offsite Soil Disposal Volumes and Facilities
Final Engineering Report (FER)
67-89 Canal Street, Rochester, NY
BCP Site #C828206

Date	Destination	Source	Ticket Number	WM Profile #	Tonnage
3/30/2023	High Acres	Building Area A	1525932	126013NY	25.49
3/30/2023	High Acres	Building Area A	1525991	126013NY	28.39
4/5/2023	High Acres	Building Area A	1526505	126013NY	28.71
4/5/2023	High Acres	Building Area A	1526508	126013NY	25.62
4/5/2023	High Acres	Building Area A	1526618[A]	126013NY	25.12
4/5/2023	High Acres	Building Area A	1526603	126013NY	19.80
4/5/2023	High Acres	Building Area A	1526623	126013NY	26.26
4/5/2023	High Acres	Building Area A	1526625	126013NY	22.34
4/5/2023	High Acres	Building Area A	1526651	126013NY	29.09
4/5/2023	High Acres	Building Area A	1526662	126013NY	22.40
4/5/2023	High Acres	Building Area A	1526690	126013NY	23.98
4/5/2023	High Acres	Building Area A	1526691	126013NY	22.46
4/18/2023	Mill Seat	Building Area A	1136330	126013NY	24.47
4/18/2023	Mill Seat	Building Area A	1136364	126013NY	23.09
4/18/2023	Mill Seat	Building Area A	1136404	126013NY	22.46
4/18/2023	Mill Seat	Building Area A	1136438	126013NY	25.84
4/18/2023	Mill Seat	Building Area A	1136474	126013NY	22.72
2/16/2023	High Acres	Building Area A + Courtyard	1520597	126013NY	22.14
2/16/2023	High Acres	Building Area A + Courtyard	1520603	126013NY	22.94
2/16/2023	High Acres	Building Area A + Courtyard	1520608	126013NY	18.73
2/16/2023	High Acres	Building Area A + Courtyard	1520612	126013NY	23.97
2/16/2023	High Acres	Building Area A + Courtyard	1520640	126013NY	21.20
2/16/2023	High Acres	Building Area A + Courtyard	1520644	126013NY	20.46
2/16/2023	High Acres	Building Area A + Courtyard	1520652	126013NY	20.00
2/16/2023	High Acres	Building Area A + Courtyard	1520657	126013NY	21.92
2/16/2023	High Acres	Building Area A + Courtyard	1520681	126013NY	22.19
2/16/2023	High Acres	Building Area A + Courtyard	1520686	126013NY	21.47
2/16/2023	High Acres	Building Area A + Courtyard	1520688	126013NY	21.77
2/16/2023	High Acres	Building Area A + Courtyard	1520691	126013NY	21.23
2/16/2023	High Acres	Building Area A + Courtyard	1520709	126013NY	18.31
2/16/2023	High Acres	Building Area A + Courtyard	1520719	126013NY	22.30
2/16/2023	High Acres	Building Area A + Courtyard	1520728	126013NY	20.68
2/16/2023	High Acres	Building Area A + Courtyard	1520735	126013NY	24.19
2/16/2023	High Acres	Building Area A + Courtyard	1520764	126013NY	26.28
2/17/2023	High Acres	Building Area A + Courtyard	1520792	126013NY	27.58
2/17/2023	High Acres	Building Area A + Courtyard	1520793	126013NY	23.57
2/17/2023	High Acres	Building Area A + Courtyard	1520803	126013NY	25.50
2/17/2023	High Acres	Building Area A + Courtyard	1520809	126013NY	20.83
2/17/2023	High Acres	Building Area A + Courtyard	1520810	126013NY	24.77
2/17/2023	High Acres	Building Area A + Courtyard	1520855	126013NY	21.11
2/17/2023	High Acres	Building Area A + Courtyard	1520861	126013NY	25.16
2/17/2023	High Acres	Building Area A + Courtyard	1520866	126013NY	27.88

Table 4
Offsite Soil Disposal Volumes and Facilities
Final Engineering Report (FER)
67-89 Canal Street, Rochester, NY
BCP Site #C828206

Date	Destination	Source	Ticket Number	WM Profile #	Tonnage
2/17/2023	High Acres	Building Area A + Courtyard	1520869	126013NY	25.02
2/17/2023	High Acres	Building Area A + Courtyard	1520877	126013NY	25.58
2/17/2023	High Acres	Building Area A + Courtyard	1520887	126013NY	25.89
2/17/2023	High Acres	Building Area A + Courtyard	1520890	126013NY	22.37
2/17/2023	High Acres	Building Area A + Courtyard	1520896	126013NY	25.82
2/17/2023	High Acres	Building Area A + Courtyard	1520899	126013NY	28.05
2/17/2023	High Acres	Building Area A + Courtyard	1520905	126013NY	28.46
2/17/2023	High Acres	Building Area A + Courtyard	1520911	126013NY	23.36
2/17/2023	High Acres	Building Area A + Courtyard	1520914	126013NY	19.43
2/17/2023	High Acres	Building Area A + Courtyard	1520930	126013NY	22.83
2/17/2023	High Acres	Building Area A + Courtyard	1520931	126013NY	20.33
2/17/2023	High Acres	Building Area A + Courtyard	1520932	126013NY	20.81
2/17/2023	High Acres	Building Area A + Courtyard	1520934	126013NY	20.35
2/20/2023	High Acres	Building Area A + Courtyard	1520964	126013NY	22.14
2/20/2023	High Acres	Building Area A + Courtyard	1520969	126013NY	20.75
2/20/2023	High Acres	Building Area A + Courtyard	1520972	126013NY	21.79
2/20/2023	High Acres	Building Area A + Courtyard	1520975	126013NY	22.58
2/20/2023	High Acres	Building Area A + Courtyard	1520994	126013NY	24.25
2/20/2023	High Acres	Building Area A + Courtyard	1521001	126013NY	22.66
2/20/2023	High Acres	Building Area A + Courtyard	1521002	126013NY	19.86
2/20/2023	High Acres	Building Area A + Courtyard	1521005	126013NY	21.65
2/20/2023	High Acres	Building Area A + Courtyard	1521024	126013NY	28.04
2/20/2023	High Acres	Building Area A + Courtyard	1521029	126013NY	22.89
2/20/2023	High Acres	Building Area A + Courtyard	1521031	126013NY	19.22
2/20/2023	High Acres	Building Area A + Courtyard	1521035	126013NY	20.94
2/20/2023	High Acres	Building Area A + Courtyard	1521056	126013NY	22.73
2/20/2023	High Acres	Building Area A + Courtyard	1521076	126013NY	16.91
2/20/2023	High Acres	Building Area A + Courtyard	1521084	126013NY	17.71
2/20/2023	High Acres	Building Area A + Courtyard	1521087	126013NY	23.28
2/20/2023	High Acres	Building Area A + Courtyard	1521096	126013NY	21.52
3/31/2023	High Acres	Building Area A + Courtyard	1526020	126013NY	23.99
3/31/2023	High Acres	Building Area A + Courtyard	1526022	126013NY	28.44
3/31/2023	High Acres	Building Area A + Courtyard	1526041	126013NY	25.02
3/31/2023	High Acres	Building Area A + Courtyard	1526050	126013NY	22.72
3/31/2023	High Acres	Building Area A + Courtyard	1526068	126013NY	22.43
3/31/2023	High Acres	Building Area A + Courtyard	1526071	126013NY	21.68
3/31/2023	High Acres	Building Area A + Courtyard	1526095	126013NY	26.28
3/31/2023	High Acres	Building Area A + Courtyard	1526098	126013NY	24.77
3/31/2023	High Acres	Building Area A + Courtyard	1526119	126013NY	28.15
3/31/2023	High Acres	Building Area A + Courtyard	1526149	126013NY	28.56
4/6/2023	High Acres	Building Area A + Courtyard	1526739	123013NY[B]	22.60
4/6/2023	High Acres	Building Area A + Courtyard	1526740	126013NY	20.53

Table 4
Offsite Soil Disposal Volumes and Facilities
Final Engineering Report (FER)
67-89 Canal Street, Rochester, NY
BCP Site #C828206

Date	Destination	Source	Ticket Number	WM Profile #	Tonnage
4/6/2023	High Acres	Building Area A + Courtyard	1526742	126013NY	19.01
4/6/2023	High Acres	Building Area A + Courtyard	1526792	126013NY	19.95
4/6/2023	High Acres	Building Area A + Courtyard	1526795	126013NY	25.96
4/6/2023	High Acres	Building Area A + Courtyard	1526799	126013NY	21.74
4/6/2023	High Acres	Building Area A + Courtyard	1526816	126013NY	22.09
4/6/2023	High Acres	Building Area A + Courtyard	1526823	126013NY	23.62
4/6/2023	High Acres	Building Area A + Courtyard	1526825	126013NY	20.93
4/6/2023	High Acres	Building Area A + Courtyard	1526851	126013NY	23.68
4/6/2023	High Acres	Building Area A + Courtyard	1526868	123013NY[B]	21.90
4/6/2023	High Acres	Building Area A + Courtyard	1526871	126013NY	23.43
4/7/2023	High Acres	Building Area A + Courtyard	1526885	126013NY	24.76
4/7/2023	High Acres	Building Area A + Courtyard	1526929	126013NY	26.64
4/7/2023	High Acres	Building Area A + Courtyard	1526978	126013NY	26.88
4/7/2023	High Acres	Building Area A + Courtyard	1527013	126013NY	23.26
4/7/2023	High Acres	Building Area A + Courtyard	1527018	126013NY	25.15
4/7/2023	High Acres	Building Area A + Courtyard	1527025	126013NY	23.11
4/7/2023	High Acres	Building Area A + Courtyard	1527038	126013NY	22.32
4/7/2023	High Acres	Building Area A + Courtyard	1527055	126013NY	20.30
4/7/2023	High Acres	Building Area A + Courtyard	1527081	126013NY	27.90
4/7/2023	High Acres	Building Area A + Courtyard	1527082	126013NY	22.30
4/10/2023	High Acres	Building Area A + Courtyard	1527145	126013NY	24.80
4/10/2023	High Acres	Building Area A + Courtyard	1527186	126013NY	30.48
4/10/2023	High Acres	Building Area A + Courtyard	1527228	126013NY	22.75
4/10/2023	High Acres	Building Area A + Courtyard	1527237	126013NY	24.08
4/10/2023	High Acres	Building Area A + Courtyard	1527246	126013NY	22.73
4/10/2023	High Acres	Building Area A + Courtyard	1527257	126013NY	18.82
4/10/2023	High Acres	Building Area A + Courtyard	1527290	126013NY	20.74
4/10/2023	High Acres	Building Area A + Courtyard	1527294	126013NY	21.17
4/19/2023	Mill Seat	Building Area A + Courtyard	1136502	126013NY	25.73
4/19/2023	Mill Seat	Building Area A + Courtyard	1136521	126013NY	19.08
4/19/2023	Mill Seat	Building Area A + Courtyard	1136530	126013NY	23.11
4/19/2023	Mill Seat	Building Area A + Courtyard	1136533	126013NY	19.98
4/19/2023	Mill Seat	Building Area A + Courtyard	1136539	126013NY	20.49
4/19/2023	Mill Seat	Building Area A + Courtyard	1136552	126013NY	22.49
4/19/2023	Mill Seat	Building Area A + Courtyard	1136558	126013NY	21.59
4/19/2023	Mill Seat	Building Area A + Courtyard	1136564	126013NY	23.03
4/19/2023	Mill Seat	Building Area A + Courtyard	1136574	126013NY	20.78
4/19/2023	Mill Seat	Building Area A + Courtyard	1136586	126013NY	21.37
4/19/2023	Mill Seat	Building Area A + Courtyard	1136592	126013NY	23.71
4/19/2023	Mill Seat	Building Area A + Courtyard	1136602	126013NY	21.98
4/19/2023	Mill Seat	Building Area A + Courtyard	1136624	126013NY	21.83
4/19/2023	Mill Seat	Building Area A + Courtyard	1136625	126013NY	20.59

Table 4
Offsite Soil Disposal Volumes and Facilities
Final Engineering Report (FER)
67-89 Canal Street, Rochester, NY
BCP Site #C828206

Date	Destination	Source	Ticket Number	WM Profile #	Tonnage
4/19/2023	Mill Seat	Building Area A + Courtyard	1136632	126013NY	15.78
4/19/2023	Mill Seat	Building Area A + Courtyard	1136638	126013NY	16.81
4/19/2023	Mill Seat	Building Area A + Courtyard	1136668	126013NY	30.98
4/19/2023	Mill Seat	Building Area A + Courtyard	1136675	126013NY	21.42
4/19/2023	Mill Seat	Building Area A + Courtyard	1136685	126013NY	24.17
4/19/2023	Mill Seat	Building Area A + Courtyard	1136695	126013NY	30.62
4/11/2023	High Acres	Building Area A + Excavation Area 2	1527325	126013NY	24.87
4/11/2023	High Acres	Building Area A + Excavation Area 2	1527408	126013NY	25.86
4/11/2023	High Acres	Building Area A + Excavation Area 2	1527458	126013NY	24.00
4/11/2023	High Acres	Building Area A + Excavation Area 2	1527491	126013NY	25.60
4/13/2023	Mill Seat	Building Area A + Excavation Area 2	1135836	126013NY	26.36
4/13/2023	Mill Seat	Building Area A + Excavation Area 2	1135838	126013NY	19.27
4/13/2023	Mill Seat	Building Area A + Excavation Area 2	1135842	126013NY	25.69
4/13/2023	Mill Seat	Building Area A + Excavation Area 2	1135856	126013NY	21.49
4/13/2023	Mill Seat	Building Area A + Excavation Area 2	1135862	126013NY	19.20
4/13/2023	Mill Seat	Building Area A + Excavation Area 2	1135864	126013NY	23.26
4/13/2023	Mill Seat	Building Area A + Excavation Area 2	1135888	126013NY	21.56
4/13/2023	Mill Seat	Building Area A + Excavation Area 2	1135897	126013NY	20.88
4/13/2023	Mill Seat	Building Area A + Excavation Area 2	1135898	126013NY	20.69
4/13/2023	Mill Seat	Building Area A + Excavation Area 2	1135917	126013NY	23.96
4/13/2023	Mill Seat	Building Area A + Excavation Area 2	1135929	126013NY	16.16
4/13/2023	Mill Seat	Building Area A + Excavation Area 2	1135934	126013NY	23.59
4/13/2023	Mill Seat	Building Area A + Excavation Area 2	1135943	126013NY	21.89
4/13/2023	Mill Seat	Building Area A + Excavation Area 2	1135854	126013NY	20.39
10/26/2022	High Acres	Building Area B	1504000	125802NY	29.76
10/26/2022	High Acres	Building Area B	1504007	125802NY	25.08
10/26/2022	High Acres	Building Area B	1504063	125802NY	20.79
10/26/2022	High Acres	Building Area B	1504072	125802NY	22.85
10/26/2022	High Acres	Building Area B	1504093	125802NY	21.05
10/26/2022	High Acres	Building Area B	1504125	125802NY	24.14
10/26/2022	High Acres	Building Area B	1504132	125802NY	23.54
10/26/2022	High Acres	Building Area B	1504167	125802NY	25.63
10/26/2022	High Acres	Building Area B	1504170	125802NY	25.88
10/27/2022	High Acres	Building Area B	1504272	125802NY	23.72
10/27/2022	High Acres	Building Area B	1504345	125802NY	24.92
10/27/2022	High Acres	Building Area B	1504393	125802NY	25.48
10/27/2022	High Acres	Building Area B	1504450	125802NY	24.49
11/10/2022	High Acres	Building Area B	1506767	126013NY	27.77
11/10/2022	High Acres	Building Area B	1506770	126013NY	25.85
11/10/2022	High Acres	Building Area B	1506775	126013NY	24.36
11/10/2022	High Acres	Building Area B	1506807	126013NY	23.86
11/10/2022	High Acres	Building Area B	1506808	126013NY	20.16

Table 4
Offsite Soil Disposal Volumes and Facilities
Final Engineering Report (FER)
67-89 Canal Street, Rochester, NY
BCP Site #C828206

Date	Destination	Source	Ticket Number	WM Profile #	Tonnage
11/10/2022	High Acres	Building Area B	1506829	126013NY	20.96
11/10/2022	High Acres	Building Area B	1506832	126013NY	20.44
11/10/2022	High Acres	Building Area B	1506839	126013NY	22.32
11/10/2022	High Acres	Building Area B	1506849	126013NY	20.59
11/10/2022	High Acres	Building Area B	1506850	126013NY	21.03
11/10/2022	High Acres	Building Area B	1506872	126013NY	20.85
11/10/2022	High Acres	Building Area B	1506876	126013NY	22.13
11/10/2022	High Acres	Building Area B	1506881	126013NY	23.29
11/10/2022	High Acres	Building Area B	1506898	126013NY	26.11
11/10/2022	High Acres	Building Area B	1506910	126013NY	24.52
11/10/2022	High Acres	Building Area B	1506922	126013NY	26.27
11/10/2022	High Acres	Building Area B	1506925	126013NY	25.46
11/10/2022	High Acres	Building Area B	1506995	126013NY	25.68
11/10/2022	High Acres	Building Area B	1506997	126013NY	23.24
11/10/2022	High Acres	Building Area B	1507000	126013NY	21.52
2/2/2023	High Acres	Building Area B + Courtyard	1519061	126013NY	21.27
2/2/2023	High Acres	Building Area B + Courtyard	1519062	126013NY	24.69
2/2/2023	High Acres	Building Area B + Courtyard	1519067	126013NY	23.12
2/2/2023	High Acres	Building Area B + Courtyard	1519069	126013NY	25.58
2/2/2023	High Acres	Building Area B + Courtyard	1519093	126013NY	22.19
2/2/2023	High Acres	Building Area B + Courtyard	1519097	126013NY	25.73
2/2/2023	High Acres	Building Area B + Courtyard	1519101	126013NY	25.58
2/2/2023	High Acres	Building Area B + Courtyard	1519109	126013NY	24.25
2/2/2023	High Acres	Building Area B + Courtyard	1519128	126013NY	25.66
2/2/2023	High Acres	Building Area B + Courtyard	1519132	126013NY	23.62
2/2/2023	High Acres	Building Area B + Courtyard	1519137	126013NY	25.50
2/2/2023	High Acres	Building Area B + Courtyard	1519152	126013NY	24.45
2/2/2023	High Acres	Building Area B + Courtyard	1519159	126013NY	27.44
2/2/2023	High Acres	Building Area B + Courtyard	1519161	126013NY	25.06
2/2/2023	High Acres	Building Area B + Courtyard	1519169	126013NY	26.13
2/2/2023	High Acres	Building Area B + Courtyard	1519213	126013NY	25.68
2/2/2023	High Acres	Building Area B + Courtyard	1519225	126013NY	20.47
2/2/2023	High Acres	Building Area B + Courtyard	1519226	126013NY	23.30
2/6/2023	High Acres	Building Area B + Courtyard	1519377	126013NY	25.54
2/6/2023	High Acres	Building Area B + Courtyard	1519380	126013NY	23.40
2/6/2023	High Acres	Building Area B + Courtyard	1519386	126013NY	26.29
2/6/2023	High Acres	Building Area B + Courtyard	1519394	126013NY	26.32
2/6/2023	High Acres	Building Area B + Courtyard	1519406	126013NY	23.66
2/6/2023	High Acres	Building Area B + Courtyard	1519411	126013NY	22.53
2/6/2023	High Acres	Building Area B + Courtyard	1519415	126013NY	22.25
2/6/2023	High Acres	Building Area B + Courtyard	1519416	126013NY	24.79
2/6/2023	High Acres	Building Area B + Courtyard	1519447	126013NY	23.52

Table 4
Offsite Soil Disposal Volumes and Facilities
Final Engineering Report (FER)
67-89 Canal Street, Rochester, NY
BCP Site #C828206

Date	Destination	Source	Ticket Number	WM Profile #	Tonnage
2/6/2023	High Acres	Building Area B + Courtyard	1519456	126013NY	23.85
2/6/2023	High Acres	Building Area B + Courtyard	1519460	126013NY	23.03
2/6/2023	High Acres	Building Area B + Courtyard	1519464	126013NY	25.97
2/6/2023	High Acres	Building Area B + Courtyard	1519478	126013NY	23.09
2/6/2023	High Acres	Building Area B + Courtyard	1519483	126013NY	23.93
2/6/2023	High Acres	Building Area B + Courtyard	1519488	126013NY	24.78
2/6/2023	High Acres	Building Area B + Courtyard	1519490	126013NY	24.50
2/6/2023	High Acres	Building Area B + Courtyard	1519495	126013NY	25.49
2/6/2023	High Acres	Building Area B + Courtyard	1519499	126013NY	20.46
2/7/2023	High Acres	Building Area B + Courtyard	1519531	126013NY	20.39
2/7/2023	High Acres	Building Area B + Courtyard	1519534	126013NY	25.33
2/7/2023	High Acres	Building Area B + Courtyard	1519532	126013NY	21.20
2/7/2023	High Acres	Building Area B + Courtyard	1519572	126013NY	22.58
2/7/2023	High Acres	Building Area B + Courtyard	1519573	126013NY	23.42
2/7/2023	High Acres	Building Area B + Courtyard	1519575	126013NY	23.14
2/7/2023	High Acres	Building Area B + Courtyard	1519596	126013NY	23.69
2/7/2023	High Acres	Building Area B + Courtyard	1519597	126013NY	23.15
2/7/2023	High Acres	Building Area B + Courtyard	1519599	126013NY	26.98
2/7/2023	High Acres	Building Area B + Courtyard	1519623	126013NY	21.40
2/7/2023	High Acres	Building Area B + Courtyard	1519626	126013NY	23.31
2/7/2023	High Acres	Building Area B + Courtyard	1519629	126013NY	23.34
2/9/2023	High Acres	Building Area B + Courtyard	1519809	126013NY	24.42
4/21/2023	Mill Seat	Courtyard	1137027	126013NY	21.60
4/26/2023	Mill Seat	Courtyard	1137437	126013NY	22.27
4/26/2023	Mill Seat	Courtyard	1137440	126013NY	20.93
4/26/2023	Mill Seat	Courtyard	1137458	126013NY	25.45
4/26/2023	Mill Seat	Courtyard	1137465	126013NY	28.95
4/26/2023	Mill Seat	Courtyard	1137488	126013NY	23.24
4/26/2023	Mill Seat	Courtyard	1137494	126013NY	25.10
4/26/2023	Mill Seat	Courtyard	1137525	126013NY	28.24
4/26/2023	Mill Seat	Courtyard	1137528	126013NY	25.85
4/28/2023	Mill Seat	Courtyard	1137785	126013NY	24.14
4/28/2023	Mill Seat	Courtyard	1137818	126013NY	21.16
4/28/2023	Mill Seat	Courtyard	1137858	126013NY	22.54
4/28/2023	Mill Seat	Courtyard	1137888	126013NY	21.20
4/28/2023	Mill Seat	Courtyard	1137934	126013NY	17.85
5/16/2023	Mill Seat	Courtyard	1140476	126013NY	22.95
5/16/2023	Mill Seat	Courtyard	1140486	126013NY	20.61
5/16/2023	Mill Seat	Courtyard	1140506	126013NY	25.51
5/16/2023	Mill Seat	Courtyard	1140516	126013NY	23.81
5/16/2023	Mill Seat	Courtyard	1140517	126013NY	25.34
5/16/2023	Mill Seat	Courtyard	1140522	126013NY	26.25

Table 4
Offsite Soil Disposal Volumes and Facilities
Final Engineering Report (FER)
67-89 Canal Street, Rochester, NY
BCP Site #C828206

Date	Destination	Source	Ticket Number	WM Profile #	Tonnage
5/16/2023	Mill Seat	Courtyard	1140534	126013NY	23.89
5/16/2023	Mill Seat	Courtyard	1140549	126013NY	23.55
5/16/2023	Mill Seat	Courtyard	1140556	126013NY	21.59
5/22/2023	Mill Seat	Courtyard	1141259	126013NY	24.14
5/22/2023	Mill Seat	Courtyard	1141260	126013NY	22.69
5/22/2023	Mill Seat	Courtyard	1141298	126013NY	21.74
5/22/2023	Mill Seat	Courtyard	1141307	126013NY	24.31
5/22/2023	Mill Seat	Courtyard	1141337	126013NY	31.05
5/22/2023	Mill Seat	Courtyard	1141341	126013NY	27.68
5/22/2023	Mill Seat	Courtyard	1141373	126013NY	25.46
5/22/2023	Mill Seat	Courtyard	1141377	126013NY	26.72
5/22/2023	Mill Seat	Courtyard	1141410	126013NY	21.78
5/23/2023	Mill Seat	Courtyard	1141444	126013NY	20.37
5/23/2023	Mill Seat	Courtyard	1141467	126013NY	26.61
5/23/2023	Mill Seat	Courtyard	1141473	126013NY	21.91
5/23/2023	Mill Seat	Courtyard	1141490	126013NY	23.87
5/23/2023	Mill Seat	Courtyard	1141505	126013NY	21.23
5/23/2023	Mill Seat	Courtyard	1141519	126013NY	24.29
5/23/2023	Mill Seat	Courtyard	1141530	126013NY	19.94
5/23/2023	Mill Seat	Courtyard	1141558	126013NY	22.24
5/23/2023	Mill Seat	Courtyard	1141566	126013NY	23.78
5/23/2023	Mill Seat	Courtyard	1141580	126013NY	25.81
5/23/2023	Mill Seat	Courtyard	1141588	126013NY	24.28
5/23/2023	Mill Seat	Courtyard	1141615	126013NY	26.79
5/26/2023	Mill Seat	Courtyard	1142024	126013NY	23.25
5/26/2023	Mill Seat	Courtyard	1142051	126013NY	22.57
5/30/2023	Mill Seat	Courtyard	1142182	126013NY	21.63
5/30/2023	Mill Seat	Courtyard	1142187	126013NY	19.95
5/30/2023	Mill Seat	Courtyard	1142189	126013NY	20.08
5/30/2023	Mill Seat	Courtyard	1142190	126013NY	19.97
5/30/2023	Mill Seat	Courtyard	1142215	126013NY	26.85
5/30/2023	Mill Seat	Courtyard	1142220	126013NY	22.90
5/30/2023	Mill Seat	Courtyard	1142227	126013NY	23.08
5/30/2023	Mill Seat	Courtyard	1142229	126013NY	22.31
5/30/2023	Mill Seat	Courtyard	1142258	126013NY	21.79
5/30/2023	Mill Seat	Courtyard	1142261	126013NY	21.78
5/30/2023	Mill Seat	Courtyard	1142265	126013NY	20.25
5/30/2023	Mill Seat	Courtyard	1142283	126013NY	24.28
5/30/2023	Mill Seat	Courtyard	1142297	126013NY	25.72
5/30/2023	Mill Seat	Courtyard	1142302	126013NY	22.71
5/30/2023	Mill Seat	Courtyard	1142309	126013NY	22.59
5/30/2023	Mill Seat	Courtyard	1142323	126013NY	24.63

Table 4
Offsite Soil Disposal Volumes and Facilities
Final Engineering Report (FER)
67-89 Canal Street, Rochester, NY
BCP Site #C828206

Date	Destination	Source	Ticket Number	WM Profile #	Tonnage
5/30/2023	Mill Seat	Courtyard	1142338	126013NY	25.88
5/30/2023	Mill Seat	Courtyard	1142354	126013NY	21.19
5/30/2023	Mill Seat	Courtyard	1142355	126013NY	18.64
5/30/2023	Mill Seat	Courtyard	1142371	126013NY	22.34
5/30/2023	Mill Seat	Courtyard	1142382	126013NY	27.24
5/31/2023	Mill Seat	Courtyard	1142423	126013NY	23.41
5/31/2023	Mill Seat	Courtyard	1142430	126013NY	25.65
5/31/2023	Mill Seat	Courtyard	1142439	126013NY	24.73
5/31/2023	Mill Seat	Courtyard	1142462	126013NY	22.34
5/31/2023	Mill Seat	Courtyard	1142473	126013NY	21.88
5/31/2023	Mill Seat	Courtyard	1142476	126013NY	21.60
5/31/2023	Mill Seat	Courtyard	1142497	126013NY	22.47
5/31/2023	Mill Seat	Courtyard	1142510	126013NY	23.42
5/31/2023	Mill Seat	Courtyard	1142516	126013NY	20.78
5/31/2023	Mill Seat	Courtyard	1142539	126013NY	22.05
5/31/2023	Mill Seat	Courtyard	1142553	126013NY	23.96
5/31/2023	Mill Seat	Courtyard	1142563	126013NY	19.30
5/31/2023	Mill Seat	Courtyard	1142580	126013NY	18.30
5/31/2023	Mill Seat	Courtyard	1142592	126013NY	19.56
5/31/2023	Mill Seat	Courtyard	1142607	126013NY	22.33
6/5/2023	Mill Seat	Courtyard	1143211	126013NY	20.50
6/5/2023	Mill Seat	Courtyard	1143216	126013NY	22.51
6/5/2023	Mill Seat	Courtyard	1143255	126426NY	25.07
6/5/2023	Mill Seat	Courtyard	1143268	126426NY	23.59
6/5/2023	Mill Seat	Courtyard	1143299	126426NY	22.65
6/5/2023	Mill Seat	Courtyard	1143309	126426NY	24.95
6/5/2023	Mill Seat	Courtyard	1143340	126426NY	21.78
6/5/2023	Mill Seat	Courtyard	1143353	126426NY	19.78
6/5/2023	Mill Seat	Courtyard	1143374	126426NY	22.10
6/5/2023	Mill Seat	Courtyard	1143398	126426NY	23.55
6/5/2023	Mill Seat	Courtyard	1143413	126426NY	21.41
6/6/2023	Mill Seat	Courtyard	1143461	126426NY	21.41
6/6/2023	Mill Seat	Courtyard	1143465	126426NY	22.56
6/6/2023	Mill Seat	Courtyard	1143470	126426NY	23.17
6/6/2023	Mill Seat	Courtyard	1143477	126426NY	23.14
6/6/2023	Mill Seat	Courtyard	1143478	126426NY	22.46
6/6/2023	Mill Seat	Courtyard	1143496	126426NY	24.12
6/6/2023	Mill Seat	Courtyard	1143499	126426NY	24.54
6/6/2023	Mill Seat	Courtyard	1143502	126426NY	21.89
6/6/2023	Mill Seat	Courtyard	1143510	126426NY	28.96
6/6/2023	Mill Seat	Courtyard	1143517	126426NY	26.71
6/6/2023	Mill Seat	Courtyard	1143531	126426NY	26.34

Table 4
Offsite Soil Disposal Volumes and Facilities
Final Engineering Report (FER)
67-89 Canal Street, Rochester, NY
BCP Site #C828206

Date	Destination	Source	Ticket Number	WM Profile #	Tonnage
6/6/2023	Mill Seat	Courtyard	1143533	126426NY	24.25
6/6/2023	Mill Seat	Courtyard	1143544	126426NY	26.85
6/6/2023	Mill Seat	Courtyard	1143547	126426NY	28.64
6/6/2023	Mill Seat	Courtyard	1143549	126426NY	23.98
6/6/2023	Mill Seat	Courtyard	1143562	126426NY	23.23
6/6/2023	Mill Seat	Courtyard	1143568	126426NY	23.88
6/6/2023	Mill Seat	Courtyard	1143577	126426NY	25.08
6/6/2023	Mill Seat	Courtyard	1143583	126426NY	23.63
6/6/2023	Mill Seat	Courtyard	1143590	126013NY	24.07
6/6/2023	Mill Seat	Courtyard	1143600	126013NY	24.36
6/6/2023	Mill Seat	Courtyard	1143611	126013NY	26.67
6/6/2023	Mill Seat	Courtyard	1143614	126013NY	21.89
6/6/2023	Mill Seat	Courtyard	1143616	126013NY	23.81
6/6/2023	Mill Seat	Courtyard	1143617	126013NY	25.49
6/6/2023	Mill Seat	Courtyard	1143633	126013NY	24.12
6/6/2023	Mill Seat	Courtyard	1143643	126013NY	24.68
6/6/2023	Mill Seat	Courtyard	1143647	126013NY	27.17
6/7/2023	Mill Seat	Courtyard	1143682	126013NY	23.73
6/7/2023	Mill Seat	Courtyard	1143686	126013NY	24.55
6/7/2023	Mill Seat	Courtyard	1143687	126013NY	25.65
6/7/2023	Mill Seat	Courtyard	1143694	126013NY	26.07
6/7/2023	Mill Seat	Courtyard	1143708	126013NY	22.91
6/7/2023	Mill Seat	Courtyard	1143712	126013NY	22.68
6/7/2023	Mill Seat	Courtyard	1143723	126013NY	22.42
6/7/2023	Mill Seat	Courtyard	1143725	126013NY	22.62
6/7/2023	Mill Seat	Courtyard	1143741	126013NY	21.18
6/7/2023	Mill Seat	Courtyard	1143753	126013NY	22.83
6/7/2023	Mill Seat	Courtyard	1143755	126013NY	22.17
6/7/2023	Mill Seat	Courtyard	1143760	126013NY	21.00
6/7/2023	Mill Seat	Courtyard	1143766	126013NY	22.19
6/7/2023	Mill Seat	Courtyard	1143795	126013NY	21.91
6/8/2023	Mill Seat	Courtyard	1143876	126013NY	21.36
6/8/2023	Mill Seat	Courtyard	1143878	126013NY	22.14
6/8/2023	Mill Seat	Courtyard	1143917	126013NY	22.29
6/8/2023	Mill Seat	Courtyard	1143919	126013NY	21.25
6/8/2023	Mill Seat	Courtyard	1143953	126013NY	22.96
6/8/2023	Mill Seat	Courtyard	1143957	126013NY	21.35
6/8/2023	Mill Seat	Courtyard	1143995	126013NY	21.59
6/8/2023	Mill Seat	Courtyard	1144008	126013NY	20.81
6/8/2023	Mill Seat	Courtyard	1144038	126013NY	18.86
6/8/2023	Mill Seat	Courtyard	1144051	126013NY	21.53
6/8/2023	Mill Seat	Courtyard	1144073	126013NY	21.71

Table 4
Offsite Soil Disposal Volumes and Facilities
Final Engineering Report (FER)
67-89 Canal Street, Rochester, NY
BCP Site #C828206

Date	Destination	Source	Ticket Number	WM Profile #	Tonnage
6/8/2023	Mill Seat	Courtyard	1144080	126013NY	20.47
7/10/2023	Mill Seat	Courtyard	1147798	126013NY	24.69
7/10/2023	Mill Seat	Courtyard	1147801	126013NY	24.26
7/10/2023	Mill Seat	Courtyard	1147804	126013NY	23.50
7/10/2023	Mill Seat	Courtyard	1147823	126013NY	19.81
7/10/2023	Mill Seat	Courtyard	1147826	126013NY	18.60
7/10/2023	Mill Seat	Courtyard	1147846	126013NY	17.02
7/10/2023	Mill Seat	Courtyard	1147858	126013NY	16.59
7/10/2023	Mill Seat	Courtyard	1147864	126013NY	18.66
7/10/2023	Mill Seat	Courtyard	1147878	126013NY	19.36
7/10/2023	Mill Seat	Courtyard	1147883	126013NY	19.31
7/10/2023	Mill Seat	Courtyard	1147891	126013NY	19.64
7/10/2023	Mill Seat	Courtyard	1147903	126013NY	17.07
7/10/2023	Mill Seat	Courtyard	1147917	126013NY	17.10
7/10/2023	Mill Seat	Courtyard	1147920	126013NY	14.88
7/10/2023	Mill Seat	Courtyard	1147940	126013NY	20.27
7/10/2023	Mill Seat	Courtyard	1147949	126013NY	21.91
7/17/2023	Mill Seat	Courtyard	1148668	126013NY	22.99
7/17/2023	Mill Seat	Courtyard	1148698	126013NY	20.76
8/3/2023	Mill Seat	Courtyard	1151317	126013NY	21.76
8/3/2023	Mill Seat	Courtyard	1151343	126013NY	20.37
8/3/2023	Mill Seat	Courtyard	1151377	126013NY	23.95
8/3/2023	Mill Seat	Courtyard	1151404	126013NY	22.09
8/3/2023	Mill Seat	Courtyard	1151446	126013NY	18.66
4/21/2023	Mill Seat	Courtyard (CID #2)	1136901	126426NY	27.19
4/21/2023	Mill Seat	Courtyard (CID #2)	1136904	126426NY	26.70
4/21/2023	Mill Seat	Courtyard (CID #2)	1136907	126426NY	26.83
4/21/2023	Mill Seat	Courtyard (CID #2)	1136920	126426NY	24.20
4/21/2023	Mill Seat	Courtyard (CID #2)	1136928	126426NY	23.93
4/21/2023	Mill Seat	Courtyard (CID #2)	1136933	126426NY	24.25
4/21/2023	Mill Seat	Courtyard (CID #2)	1136939	126426NY	25.98
4/21/2023	Mill Seat	Courtyard (CID #2)	1136949	126426NY	20.72
4/21/2023	Mill Seat	Courtyard (CID #2)	1136958	126426NY	24.69
4/21/2023	Mill Seat	Courtyard (CID #2)	1136966	126426NY	23.25
4/21/2023	Mill Seat	Courtyard (CID #2)	1136969	126426NY	25.15
4/21/2023	Mill Seat	Courtyard (CID #2)	1136982	126426NY	26.55
4/21/2023	Mill Seat	Courtyard (CID #2)	1136988	126426NY	25.87
4/21/2023	Mill Seat	Courtyard (CID #2)	1137001	126426NY	25.39
4/21/2023	Mill Seat	Courtyard (CID #2)	1137004	126426NY	25.44
4/21/2023	Mill Seat	Courtyard (CID #2)	1137017	126426NY	27.40
4/21/2023	Mill Seat	Courtyard (CID #2)	1137024	126426NY	25.88
4/21/2023	Mill Seat	Courtyard (CID #2)	1137032	126426NY	25.49

Table 4
Offsite Soil Disposal Volumes and Facilities
Final Engineering Report (FER)
67-89 Canal Street, Rochester, NY
BCP Site #C828206

Date	Destination	Source	Ticket Number	WM Profile #	Tonnage
5/16/2023	Mill Seat	Courtyard (CID #2)	1140388	126426NY	22.63
5/16/2023	Mill Seat	Courtyard (CID #2)	1140392	126426NY	22.70
5/16/2023	Mill Seat	Courtyard (CID #2)	1140398	126426NY	24.60
5/16/2023	Mill Seat	Courtyard (CID #2)	1140401	126426NY	23.95
5/16/2023	Mill Seat	Courtyard (CID #2)	1140421	126426NY	23.79
5/16/2023	Mill Seat	Courtyard (CID #2)	1140427	126426NY	24.24
5/16/2023	Mill Seat	Courtyard (CID #2)	1140432	126426NY	21.29
5/16/2023	Mill Seat	Courtyard (CID #2)	1140435	126426NY	20.27
5/16/2023	Mill Seat	Courtyard (CID #2)	1140465	126426NY	18.55
5/16/2023	Mill Seat	Courtyard (CID #2)	1140468	126426NY	22.49
5/16/2023	Mill Seat	Courtyard (CID #2)	1140570	126426NY	21.26
5/19/2023	Mill Seat	Courtyard (CID #2)	1141037	126426NY	27.61
5/19/2023	Mill Seat	Courtyard (CID #2)	1141041	126426NY	19.54
5/19/2023	Mill Seat	Courtyard (CID #2)	1141044	126426NY	23.20
5/19/2023	Mill Seat	Courtyard (CID #2)	1141064	126426NY	28.09
5/19/2023	Mill Seat	Courtyard (CID #2)	1141079	126426NY	21.58
5/19/2023	Mill Seat	Courtyard (CID #2)	1141081	126426NY	22.79
5/19/2023	Mill Seat	Courtyard (CID #2)	1141105	126426NY	24.83
5/19/2023	Mill Seat	Courtyard (CID #2)	1141119	126426NY	22.90
5/19/2023	Mill Seat	Courtyard (CID #2)	1141121	126426NY	26.14
5/19/2023	Mill Seat	Courtyard (CID #2)	1141145	126426NY	29.09
5/19/2023	Mill Seat	Courtyard (CID #2)	1141160	126426NY	25.23
5/19/2023	Mill Seat	Courtyard (CID #2)	1141193	126426NY	25.12
5/19/2023	Mill Seat	Courtyard (CID #2)	1141176	126426NY	23.72
5/19/2023	Mill Seat	Courtyard (CID #2)	1141191	126426NY	19.14
5/19/2023	Mill Seat	Courtyard (CID #2)	1141192	126426NY	23.66
5/19/2023	Mill Seat	Courtyard (CID #2)	1141209	126426NY	24.13
5/26/2023	Mill Seat	Courtyard (CID #2)	1141988	126426NY	13.47
5/26/2023	Mill Seat	Courtyard (CID #2)	1141992	126426NY	20.07
5/26/2023	Mill Seat	Courtyard (CID #2)	1141995	126426NY	23.54
5/26/2023	Mill Seat	Courtyard (CID #2)	1141997	126426NY	22.22
5/26/2023	Mill Seat	Courtyard (CID #2)	1142013	126426NY	26.05
5/26/2023	Mill Seat	Courtyard (CID #2)	1142021	126426NY	18.26
5/26/2023	Mill Seat	Courtyard (CID #2)	1142037	126426NY	25.00
5/26/2023	Mill Seat	Courtyard (CID #2)	1142045	126426NY	28.09
5/26/2023	Mill Seat	Courtyard (CID #2)	1142050	126426NY	21.56
5/26/2023	Mill Seat	Courtyard (CID #2)	1142068	126426NY	25.00
5/26/2023	Mill Seat	Courtyard (CID #2)	1142077	126426NY	21.27
5/26/2023	Mill Seat	Courtyard (CID #2)	1142083	126426NY	21.14
5/26/2023	Mill Seat	Courtyard (CID #2)	1142085	126426NY	23.81
5/26/2023	Mill Seat	Courtyard (CID #2)	1142098	126426NY	20.65
5/26/2023	Mill Seat	Courtyard (CID #2)	1142103	126426NY	23.09

Table 4
Offsite Soil Disposal Volumes and Facilities
Final Engineering Report (FER)
67-89 Canal Street, Rochester, NY
BCP Site #C828206

Date	Destination	Source	Ticket Number	WM Profile #	Tonnage
5/26/2023	Mill Seat	Courtyard (CID #2)	1142107	126426NY	21.00
5/26/2023	Mill Seat	Courtyard (CID #2)	1142108	126426NY	19.71
5/26/2023	Mill Seat	Courtyard (CID #2)	1142128	126426NY	21.57
5/26/2023	Mill Seat	Courtyard (CID #2)	1142131	126426NY	21.04
5/26/2023	Mill Seat	Courtyard (CID #2)	1142134	126426NY	17.90
5/26/2023	Mill Seat	Courtyard (CID #2)	1142135	126426NY	21.12
4/21/2023	Mill Seat	Courtyard (Native)	1137011	183-2464[C]	21.83
				Total	11835.98

125802NY	317.33
126013NY	9284.09
126426NY	2212.73
183-2464	21.83
High Acres	5458.77
Mill Seat	6377.21

Notes:

A Corrected Ticket of 1526602.

B Incorrect Soil Profile. In Process of Correction.

C Native Soil Tracking Number.

Table 5
Waste Disposal Summary - Liquid
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #828206

Date Last Revised: 1/9/2024

Material Characterization	Origin Location Description	Dates Containerized	Volume Collected / Removed (gallons)	HIDE	Location On-Site Reused	Date Reused On-Site	Container ID	Disposal Approval Received? (Yes/No)	Disposal Dates	Transporter Company	Disposal Location	Disposal Volume (Gallons)	Waste Tracking Number
Site Wastewater	Site-Wide	9/29/2023 - 3/7/2023	21,000				Frac Tank 1		3/16/2023 - 3/22/2023	TREC Environmental Inc.	On-Site Combined Sewer	21,000	N/A
Site Wastewater	Site-Wide	3/20/2023 - 4/10/2023	15,200				Frac Tank 2		4/25/2023 - 4/27/2023	TREC Environmental Inc.	On-Site Combined Sewer	15,200	N/A
Site Wastewater	Site-Wide	4/6/2023 -5/12/2023	18,000				Frac Tank 2[1]		5/18/2023 - 5/21/2023	TREC Environmental Inc.	On-Site Combined Sewer	18,000	N/A

Notes:
1. 14,300 gal was transferred from Frac Tank 1 on 4/28/2023

Table 6
Summary of Remedial Action Samples - Asbestos
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location	Location Purpose	Matrix	Sample ID	Sample Date	Locaiton of Quality Control Sample	Parent Sample	Sampling Company	Laboratory	Laboratory Sample Delivery Group	Analysis: Asbestos
North Building, Pile 1	Building Material Asbestos	Solid	F2-TSI1-1-2022	6/7/2022			STANTEC	PARAROCH	3688-22	X
North Building, Pile 1	Building Material Asbestos	Solid	F2-TSI1-2-2022	6/7/2022			STANTEC	PARAROCH	3688-22	X
North Building, Pile 2	Building Material Asbestos	Solid	F2-TSI1-3-2022	6/7/2022			STANTEC	PARAROCH	3688-22	X
South Building, Pile 3	Building Material Asbestos	Solid	F2-TSI1-4-2022	6/7/2022			STANTEC	PARAROCH	3688-22	X
South Building, Pile 3	Building Material Asbestos	Solid	F2-TSI1-5-2022	6/7/2022			STANTEC	PARAROCH	3688-22	X
South Building, Pile 4	Building Material Asbestos	Solid	F2-TSI1-6-2022	6/7/2022			STANTEC	PARAROCH	3688-22	X
South Building, Pile 4	Building Material Asbestos	Solid	F2-TSI1-7-2022	6/7/2022			STANTEC	PARAROCH	3688-22	X
North Roof, side of Terra Cotta	Building Material Asbestos	Solid	RT2-1-2	7/26/2022			STANTEC	PARAROCH	5639-22	X
North Roof, side of Terra Cotta	Building Material Asbestos	Solid	RT2-2-2	7/26/2022			STANTEC	PARAROCH	5639-22	X
South Roof, base of Terra Cotta	Building Material Asbestos	Solid	RT2-2-3	7/26/2022			STANTEC	PARAROCH	5639-22	X
North-South Roof Division	Building Material Asbestos	Solid	RT4-1-2	7/26/2022			STANTEC	PARAROCH	5639-22	X
North-South Roof Division	Building Material Asbestos	Solid	RT4-2-2	7/26/2022			STANTEC	PARAROCH	5639-22	X

Notes and Abbreviations:

PARAROCH	Paradigm Environmental Services, Inc.
STANTEC	Stantec Consulting Services Inc.

Table 7
Summary of Remedial Action Sample - Solid
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location	Location Purpose	Matrix	Sample ID	Sample Date	Locaiton of Quality Control Sample	Parent Sample	Depth	Sampling Company	Laboratory	Laboratory Sample Delivery Group	Analysis Completed															
											General Chemistry (Reactive Cyanide, Reactive Sulfide, Total Solids, Temperature, pH and/or Flashpoint)	Metals	Metals - TCLP	PAH	PCB	Pesticides	Pesticides - TCLP	PFAS	1,4-Dioxane	SVOC	SVOC - TCLP	SVOC - TICs	VOC	VOC - TCLP	VOC - TICs	Asbestos
4-LEAD-G1	Soil Pile 4 - Supplemental Lead	Solid	4-LEAD-G1	11/10/2022			-	STANTEC	ERF	480-203800-1			X												
4-LEAD-G2	Soil Pile 4 - Supplemental Lead	Solid	4-LEAD-G2	11/10/2022			-	STANTEC	ERF	480-203800-1			X												
4-LEAD-G3	Soil Pile 4 - Supplemental Lead	Solid	4-LEAD-G3	11/10/2022			-	STANTEC	ERF	480-203800-1			X												
4-LEAD-G4	Soil Pile 4 - Supplemental Lead	Solid	4-LEAD-G4	11/10/2022			-	STANTEC	ERF	480-203800-1			X												
4-LEAD-G5	Soil Pile 4 - Additional Lead	Solid	CNL-4-LEAD-G5-S	12/21/2022			-	STANTEC	ERF	480-205006-1			X												
4-LEAD-G6	Soil Pile 4 - Additional Lead	Solid	CNL-4-LEAD-G6-S	12/21/2022			-	STANTEC	ERF	480-205006-1			X												
CNL - SP4 - G1 - S	Soil Pile 4 - Additional Lead	Solid	CNL - SP4 - G1 - S	1/18/2023			-	STANTEC	PARAROCH	230218			X												
CNL - SP4 - G2 - S	Soil Pile 4 - Additional Lead	Solid	CNL - SP4 - G2 - S	1/18/2023			-	STANTEC	PARAROCH	230218			X												
CNL - SP4 - G3 - S	Soil Pile 4 - Additional Lead	Solid	CNL - SP4 - G3 - S	1/18/2023			-	STANTEC	PARAROCH	230218			X												
CNL - SP4 - G4 - S	Soil Pile 4 - Additional Lead	Solid	CNL - SP4 - G4 - S	1/18/2023			-	STANTEC	PARAROCH	230218			X												
CNL-1A-G1	Confirmatory - Area 1A	Soil	CNL-1A-G1-S	2/22/2023			3 ft	STANTEC	ALPHA	L2309563	X									X		X	X		X	
CNL-1A-G2	Confirmatory - Area 1A	Soil	CNL-1A-G2-S	2/22/2023			3 ft	STANTEC	ALPHA	L2309563	X									X			X		X	
CNL-1A-G3	Confirmatory - Area 1A	Soil	CNL-1A-G3-S	2/24/2023			3 ft	STANTEC	ALPHA	L2310137	X									X			X		X	
CNL-1A-G3	Confirmatory - Area 1A	Soil	CNL-1A-DUP-S	2/24/2023	Field Duplicate	CNL-1A-G3-S	3 ft	STANTEC	ALPHA	L2310137	X									X			X		X	
CNL-1A-G4	Confirmatory - Area 1A	Soil	CNL-1A-G4-S	2/24/2023			3 ft	STANTEC	ALPHA	L2310137	X									X			X		X	
CNL-1A-G5	Confirmatory - Area 1A	Soil	CNL-1A-G5-S	3/13/2023			3 ft	STANTEC	ALPHA	L2313034	X									X		X	X		X	
CNL-1A-G6	Confirmatory - Area 1A	Soil	CNL-1A-G6-S	3/13/2023			3.5 ft	STANTEC	ALPHA	L2313034	X									X			X		X	
CNL-1A-G7	Confirmatory - Area 1A	Soil	CNL-1A-G7-S	3/14/2023			3 ft	STANTEC	ALPHA	L2313270	X									X		X	X		X	
CNL-1A-G8	Confirmatory - Area 1A	Soil	CNL-1A-G8-S	3/14/2023			4 ft	STANTEC	ALPHA	L2313270	X									X			X		X	
CNL-1A-G9	Confirmatory - Area 1A	Soil	CNL-1A-G9-S	3/14/2023			3.5 ft	STANTEC	ALPHA	L2313270	X									X			X		X	
CNL-1A-G10	Confirmatory - Area 1A	Soil	CNL-1A-G10-S	3/14/2023			3.5 ft	STANTEC	ALPHA	L2313270	X									X			X		X	
CNL-1B-G1	Confirmatory - Area 1B	Soil	CNL-1B-G1-S	2/15/2023			4.5 ft	STANTEC	ALPHA	L2308289	X									X			X			
CNL-1B-G2	Confirmatory - Area 1B	Soil	CNL-1B-G2-S	2/15/2023			5 ft	STANTEC	ALPHA	L2308289	X									X			X			
CNL-1B-G3	Confirmatory - Area 1B	Soil	CNL-1B-G3-S	2/15/2023			4 ft	STANTEC	ALPHA	L2308289	X									X			X			
CNL-1B-G4	Confirmatory - Area 1B	Soil	CNL-1B-G4-S	2/14/2023			4.5 ft	STANTEC	ALPHA	L2307989	X									X			X			
CNL-1B-G4	Confirmatory - Area 1B	Soil	CNL-1B-DUP-S	2/14/2023	Field Duplicate	CNL-1B-G4-S	4.5 ft	STANTEC	ALPHA	L2307989	X									X		X	X			
CNL-1C-G1	Confirmatory - Area 1C	Soil	CNL-1C-G1-S	2/23/2023			4 ft	STANTEC	ALPHA	L2309860	X									X			X		X	
CNL-1C-G2	Confirmatory - Area 1C	Soil	CNL-1C-G2-S	2/23/2023			4 ft	STANTEC	ALPHA	L2309860	X									X			X		X	
CNL-1C-G2	Confirmatory - Area 1C	Soil	CNL-1C-DUP-S	2/23/2023	Field Duplicate	CNL-1C-G2-S	4 ft	STANTEC	ALPHA	L2309860	X									X			X		X	
CNL-1C-G3	Confirmatory - Area 1C	Soil	CNL-1C-G3-S	2/23/2023			4 ft	STANTEC	ALPHA	L2309860	X									X		X	X			
CNL-1C-G4	Confirmatory - Area 1C	Soil	CNL-1C-G4-S	2/23/2023			4 ft	STANTEC	ALPHA	L2309860	X									X			X		X	
CNL-2-G1	Confirmatory - Area 2	Soil	CNL-2-G1-S	4/13/2023			10 ft	STANTEC	ALPHA	L2319808	X									X		X	X			
CNL-3A-G1	Confirmatory - Area 3A	Soil	CNL-3A-G1-S	2/8/2023			11 ft	STANTEC	ALPHA	L2306876	X									X			X		X	
CNL-3A-G2	Confirmatory - Area 3A	Soil	CNL-3A-G2-S	4/10/2023			10.5 ft	STANTEC	ALPHA	L2318928	X									X			X			
CNL-3A-G3	Confirmatory - Area 3A	Soil	CNL-3A-G3-S	4/10/2023			9 ft	STANTEC	ALPHA	L2318928	X									X		X	X		X	
CNL-3A-G4	Confirmatory - Area 3A	Soil	CNL-3A-G4-S	4/10/2023			8 ft	STANTEC	ALPHA	L2318928	X									X			X		X	
CNL-3A-G4	Confirmatory - Area 3A	Soil	CNL-3A-DUP-S	4/10/2023	Field Duplicate	CNL-3A-G4-S	8 ft	STANTEC	ALPHA	L2318928	X									X			X		X	
CNL-3A-G5	Confirmatory - Area 3A	Soil	CNL-3A-G5-S	4/10/2023			9 ft	STANTEC	ALPHA	L2318928	X									X		X	X		X	
CNL-3A-G6	Confirmatory - Area 3A	Soil	CNL-3A-G6-S	4/25/2023			6 ft	STANTEC	ALPHA	L2322304	X									X		X	X		X	
CNL-3A-G7	Confirmatory - Area 3A	Soil	CNL-3A-G7-S	4/25/2023			6.5 ft	STANTEC	ALPHA	L2322304	X									X			X		X	
CNL-3A-G8	Confirmatory - Area 3A	Soil	CNL-3A-G8-S	4/25/2023			7 ft	STANTEC	ALPHA	L2322304	X									X			X		X	
CNL-3A-PETRO	Area 3A Petro Waste	Soil	CNL-3A-PETRO-S	4/26/2023			-	STANTEC	ALPHA	L2322589	X	X	X		X		X				X			X		
CNL-4-G1	Confirmatory - Area 4	Soil	CNL-4-G1-S	6/7/2023			2.5 ft	STANTEC	ALPHA	L2331926	X									X			X		X	
CNL-4-G2	Confirmatory - Area 4	Soil	CNL-4-G2-S	6/7/2023			2.5 ft	STANTEC	ALPHA	L2331926	X									X			X		X	
CNL-4-WC-G	Area 4 Waste Characterization	Solid	CNL-4-WC-G-S	6/7/2023			-	STANTEC	ALPHA	L2331927	X												X		X	
CNL-4-WC	Area 4 Waste Characterization - Composite	Solid	CNL-4-WC-S	6/7/2023			-	STANTEC	ALPHA	L2331927	X	X								X		X				
CNL-F1WC	Interior Asbestos Impacted Soil Piles	Solid	CNL-F1WC-S	6/7/2022			-	STANTEC	ERF	480-198769-1			X		X						X			X		
CNL-SP7-C	Soil Pile 7	SOLID	CNL - SP7 - C - S	1/3/2023			-	STANTEC	PARAROCH	230013	X	X	X		X	X										
CNL-SP7-G1	Soil Pile 7	SOLID	CNL - SP7 - G1 - S	1/3/2023			-	STANTEC	PARAROCH	230013													X			
CNL-SP7-G2	Soil Pile 7	SOLID	CNL - SP7 - G2 - S	1/3/2023			-	STANTEC	PARAROCH	230013													X			
CNL-SP7-G3	Soil Pile 7	SOLID	CNL - SP7 - G3 - S	1/3/2023			-	STANTEC	PARAROCH	230013													X			
CNL-SP7-G4	Soil Pile 7	SOLID	CNL - SP7 - G4 - S	1/3/2023			-	STANTEC	PARAROCH	230013													X			
CNL-TS1	Imported Topsoil - Composite	Soil	CNL-TS1-C-S	6/5/2023			-	STANTEC	ALPHA	L2331291	X	X			X	X		X	X	X		X				
CNL-TS1	Imported Topsoil - Composite	Soil	CNL-DUP-C-S	6/5/2023	Field Duplicate	CNL-TS1-C-S	-	STANTEC	ALPHA	L2331291	X	X			X	X		X	X	X		X				
CNL-TS1	Imported Topsoil	Soil	CNL-TS1-D-S	6/5/2023			-	STANTEC	ALPHA	L2331290	X												X		X	
CNL-TS1	Imported Topsoil	Soil	CNL-DUP-D-S	6/5/2023	Field Duplicate	CNL-TS1-D-S	-	STANTEC	ALPHA	L2331290	X												X		X	
CNL-TS2	Imported Topsoil	Soil	CNL-TS2-D-S	6/5/2023			-	STANTEC	ALPHA	L2331290	X												X		X	
CNL-TS3	Imported Topsoil	Soil	CNL-TS3-D-S	6/5/2023			-	STANTEC	ALPHA	L2331290	X												X		X	
CNL-TS4	Imported Topsoil	Soil	CNL-TS4-D-S	6/5/2023			-	STANTEC	ALPHA	L2331290	X												X		X	
CNL-WC1	Courtyard - Pre-Waste Characterization	Soil	CNL-WC1-S	12/12/2022			-	STANTEC	ERF	480-204742-1	X	X		X	X	X			X	X		X	X			
CNL-WC1	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-DUP-S	12/12/2022	Field Duplicate	CNL-WC1-S	-	STANTEC	ERF	480-204742-1	X	X		X	X	X			X	X		X	X			
CNL-WC-13A	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-13A-S	12/12/2022			0.3 ft	STANTEC	ERF	480-204742-1													X		X	
CNL-WC-13B	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-13B-S	12/12/2022			1.8 ft	STANTEC	ERF	480-204742-1													X			
CNL-WC-14A	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-14A-S	12/12/2022			1.2 ft	STANTEC	ERF	480-204742-1													X			
CNL-WC-14B	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-14B-S	12/12/2022			3 ft	STANTEC	ERF	480-204742-1													X			
CNL-WC-15A	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-15A-S	12/12/2022			1.9 ft	STANTEC	ERF	480-204742-1													X			
CNL-WC-15A	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-DUP1A-S	12/12/2022	Field Duplicate	CNL-WC-15A-S	1.9 ft	STANTEC	ERF	480-204742-1													X			
CNL-WC-15B	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-15B-S	12/12/2022			3.5 ft	STANTEC	ERF	480-204742-1													X			
CNL-WC-15B	Courtyard - Pre-Waste Characterization	Soil	CNL-DUP1B-S	12/12/2022	Field Duplicate	CNL-WC-15B-S	3.5 ft	STANTEC	ERF	480-204742-1													X			
CNL-WC-16A	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-16A-S	12/12/2022			0.4 ft	STANTEC	ERF	480-204742-1													X			

Table 7
Summary of Remedial Action Sample - Solid
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location	Location Purpose	Matrix	Sample ID	Sample Date	Locaiton of Quality Control Sample	Parent Sample	Depth	Sampling Company	Laboratory	Laboratory Sample Delivery Group	Analysis Completed															
											General Chemistry (Reactive Cyanide, Reactive Sulfide, Total Solids, Temperature, pH and/or Flashpoint)	Metals	Metals - TCLP	PAH	PCB	Pesticides	Pesticides - TCLP	PFAS	1,4-Dioxane	SVOC	SVOC - TCLP	SVOC - TICs	VOC	VOC - TCLP	VOC - TICs	Asbestos
CNL-WC-16B	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-16B-S	12/12/2022			1.5 ft	STANTEC	ERF	480-204742-1													X			
CNL-WC-17A	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-17A-S	12/12/2022			1.5 ft	STANTEC	ERF	480-204742-1													X			
CNL-WC-17B	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-17B-S	12/12/2022			3.4 ft	STANTEC	ERF	480-204742-1													X			
CNL-WC-18A	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-18A-S	12/12/2022			1.1 ft	STANTEC	ERF	480-204742-1													X			
CNL-WC-18B	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-18B-S	12/12/2022			2.8 ft	STANTEC	ERF	480-204742-1													X			
CNL-WC-19A	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-19A-S	12/12/2022			1.5 ft	STANTEC	ERF	480-204742-1													X			
CNL-WC-20A	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-20A-S	12/12/2022			1.7 ft	STANTEC	ERF	480-204742-1													X			
CNL-WC-21A	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-21A-S	12/12/2022			1.6 ft	STANTEC	ERF	480-204742-1													X			
CNL-WC-21B	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-21B-S	12/12/2022			5.5 ft	STANTEC	ERF	480-204742-1													X			
CNL-WC-22A	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-22A-S	12/12/2022			0.5 ft	STANTEC	ERF	480-204742-1													X			
CNL-WC-23A	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-23A-S	12/12/2022			1 ft	STANTEC	ERF	480-204742-1													X			
CNL-WC-24A	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-24A-S	12/12/2022			1.4 ft	STANTEC	ERF	480-204742-1													X			
CNL-WC-25A	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-25A-S	12/12/2022			0.5 ft	STANTEC	ERF	480-204742-1													X		X	
CNL-WC-25B	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-25B-S	12/12/2022			2.9 ft	STANTEC	ERF	480-204742-1													X			
See notes on last page.																										
CNL-WC-26A	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-26A-S	12/12/2022			2.4 ft	STANTEC	ERF	480-204742-1													X			
CNL-WC-26B	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-26B-S	12/12/2022			5.5 ft	STANTEC	ERF	480-204742-1													X			
CNL-WC-27A	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-27A-S	12/12/2022			0.7 ft	STANTEC	ERF	480-204742-1													X			
CNL-WC-27B	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-27B-S	12/12/2022			2 ft	STANTEC	ERF	480-204742-1													X			
CNL-WC-CID2	Waste Characterization - Solid	Soil	CNL-WC-CID2-S	4/25/2023			2 - 3 ft	STANTEC	ALPHA	L2322303	X	X	X		X	X			X							
CNL-WC-CID2-1	Waste Characterization - Solid	Soil	CNL-WC-CID2-1-S	4/26/2023			2 - 3.5 ft	STANTEC	ALPHA	L2322588	X	X	X		X	X			X							
CNL-WC-CID2-LEAD	Waste Characterization - Solid	Soil	CNL-WC-CID2-LEAD-S	4/26/2023			2 ft	STANTEC	ALPHA	L2322588			X													
CNL-WC-CY1-OB	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-CY1-OB-S	12/13/2022			1.8 - 3.5 ft	STANTEC	ERF	480-204742-1	X	X		X	X	X			X	X		X				
CNL-WC-CY1-OB	Courtyard - Pre-Waste Characterization	Soil	CNL-DUP2-OB-S	12/13/2022	Field Duplicate	CNL-WC-CY1-OB-S	1.8 - 3.5 ft	STANTEC	ERF	480-204742-1	X	X		X	X	X			X	X		X				
CNL-WC-CY1-UF	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-CY1-UF-S	12/13/2022			0.3 - 1.9 ft	STANTEC	ERF	480-204742-1	X	X		X	X	X			X	X						
CNL-WC-CY2-OB	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-CY2-OB-S	12/13/2022			1.5 - 3.4 ft	STANTEC	ERF	480-204742-1	X	X		X	X	X			X	X		X	X			
CNL-WC-CY2-UF	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-CY2-UF-S	12/13/2022			0.4 - 1.5 ft	STANTEC	ERF	480-204742-1	X	X		X	X	X			X	X		X				
CNL-WC-CY3-UF	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-CY3-UF-S	12/13/2022			1.5 - 1.7 ft	STANTEC	ERF	480-204742-1	X	X		X	X	X			X	X		X				
CNL-WC-CY4-UF	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-CY4-UF-S	12/12/2022			0.5 - 1.6 ft	STANTEC	ERF	480-204742-1	X	X		X	X	X			X	X						
CNL-WC-CY4-UF	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-DUP2-UF-S	12/12/2022	Field Duplicate	CNL-WC-CY4-UF-S	0.5 - 1.6 ft	STANTEC	ERF	480-204742-1	X	X		X	X	X			X	X						
CNL-WC-CY5-UF	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-CY5-UF-S	12/13/2022			0.5 - 1.4 ft	STANTEC	ERF	480-204742-1	X	X		X	X	X			X	X		X				
CNL-WC-CY6-UF	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-CY6-UF-S	12/13/2022			0.7 - 2.4 ft	STANTEC	ERF	480-204742-1	X	X		X	X	X			X	X						
CNL-WC-CY7-OB	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-CY7-OB-S	12/13/2022			5.5 ft	STANTEC	ERF	480-204742-1	X	X		X	X	X			X	X		X				
CNL-WC-CY8-OB	Courtyard - Pre-Waste Characterization	Soil	CNL-WC-CY8-OB-S	12/13/2022			2 - 5.5 ft	STANTEC	ERF	480-204742-1	X	X		X	X	X			X	X		X	X			
SOUTH ANNEX - 3C1	B-Wing Utilities Soil Characterization	Solid	SOUTH ANNEX - 3C1	10/18/2022			-	STANTEC	ERF	480-202926-1	X		X		X	X										
SOUTH ANNEX - 3C1	B-Wing Utilities Soil Characterization	Solid	SOUTH ANNEX - 3C1	10/18/2022			-	STANTEC	ERF	480-202926-2		X														
SOUTH ANNEX - 3G1	B-Wing Utilities Soil Characterization	Solid	SOUTH ANNEX - 3G1	10/18/2022			-	STANTEC	ERF	480-202926-1													X			
SOUTH ANNEX - 3G2	B-Wing Utilities Soil Characterization	Solid	SOUTH ANNEX - 3G2	10/18/2022			-	STANTEC	ERF	480-202926-1													X			
SOUTH ANNEX - 3G3	B-Wing Utilities Soil Characterization	Solid	SOUTH ANNEX - 3G3	10/18/2022			-	STANTEC	ERF	480-202926-1													X			
SOUTH ANNEX - 3G4	B-Wing Utilities Soil Characterization	Solid	SOUTH ANNEX - 3G4	10/18/2022			-	STANTEC	ERF	480-202926-1													X			
SOUTH ANNEX - 4C1	B-Wing Utilities Soil Characterization	Solid	SOUTH ANNEX - 4C1	10/18/2022			-	STANTEC	ERF	480-202926-1	X		X		X	X										
SOUTH ANNEX - 4C1	B-Wing Utilities Soil Characterization	Solid	SOUTH ANNEX - 4C1	10/18/2022			-	STANTEC	ERF	480-202926-2		X														
SOUTH ANNEX - 4G1	B-Wing Utilities Soil Characterization	Solid	SOUTH ANNEX - 4G1	10/18/2022			-	STANTEC	ERF	480-202926-1													X			
SOUTH ANNEX - 4G2	B-Wing Utilities Soil Characterization	Solid	SOUTH ANNEX - 4G2	10/18/2022			-	STANTEC	ERF	480-202926-1													X			
SOUTH ANNEX - 4G3	B-Wing Utilities Soil Characterization	Solid	SOUTH ANNEX - 4G3	10/18/2022			-	STANTEC	ERF	480-202926-1													X			
SOUTH ANNEX - 4G4	B-Wing Utilities Soil Characterization	Solid	SOUTH ANNEX - 4G4	10/18/2022			-	STANTEC	ERF	480-202926-1													X			
SOUTH ANNEX - 5C1	B-Wing Utilities Soil Characterization	Solid	SOUTH ANNEX - 5C1	10/26/2022			-	STANTEC	ERF	480-203222-1	X	X	X		X	X										
SOUTH ANNEX - 5G1	B-Wing Utilities Soil Characterization	Solid	SOUTH ANNEX - 5G1	10/26/2022			-	STANTEC	ERF	480-203222-1													X			
SOUTH ANNEX - 5G2	B-Wing Utilities Soil Characterization	Solid	SOUTH ANNEX - 5G2	10/26/2022			-	STANTEC	ERF	480-203222-1													X			
SOUTH ANNEX - 5G3	B-Wing Utilities Soil Characterization	Solid	SOUTH ANNEX - 5G3	10/26/2022			-	STANTEC	ERF	480-203222-1													X			
SOUTH ANNEX - 5G4	B-Wing Utilities Soil Characterization	Solid	SOUTH ANNEX - 5G4	10/26/2022			-	STANTEC	ERF	480-203222-1													X			
SOUTH ANNEX - 6C1	B-Wing Utilities Soil Characterization	Solid	SOUTH ANNEX - 6C1	10/26/2022			-	STANTEC	ERF	480-203222-1	X	X	X		X	X										
SOUTH ANNEX - 6G1	B-Wing Utilities Soil Characterization	Solid	SOUTH ANNEX - 6G1	10/26/2022			-	STANTEC	ERF	480-203222-1													X			
SOUTH ANNEX - 6G2	B-Wing Utilities Soil Characterization	Solid	SOUTH ANNEX - 6G2	10/26/2022			-	STANTEC	ERF	480-203222-1													X			
SOUTH ANNEX - 6G3	B-Wing Utilities Soil Characterization	Solid	SOUTH ANNEX - 6G3	10/26/2022			-	STANTEC	ERF	480-203222-1													X			
SOUTH ANNEX - 6G4	B-Wing Utilities Soil Characterization	Solid	SOUTH ANNEX - 6G4	10/26/2022			-	STANTEC	ERF	480-203222-1													X			
SOUTH ANNEX COMP 1	South Annex Soil Characterization	Solid	SOUTH ANNEX COMP 1	8/24/2022			-	STANTEC	ERF	480-201013-1	X	X	X	X	X	X			X		X					
SOUTH ANNEX COMP 2	South Annex Soil Characterization	Solid	SOUTH ANNEX COMP 2	8/24/2022			-	STANTEC	ERF	480-201013-1	X	X	X	X	X	X			X		X					
SOUTH ANNEX GRAB 1	South Annex Soil Characterization	Solid	SOUTH ANNEX GRAB 1	8/24/2022			-	STANTEC	ERF	480-201013-1													X			
SOUTH ANNEX GRAB 2	South Annex Soil Characterization	Solid	SOUTH ANNEX GRAB 2	8/24/2022			-	STANTEC	ERF	480-201013-1													X			
SOUTH ANNEX GRAB 3	South Annex Soil Characterization	Solid	SOUTH ANNEX GRAB 3	8/24/2022			-	STANTEC	ERF	480-201013-1													X			
SOUTH ANNEX GRAB 4	South Annex Soil Characterization	Solid	SOUTH ANNEX GRAB 4	8/24/2022			-	STANTEC	ERF	480-201013-1													X			
CNL-WC-ANNEXA3-UF	Annex A Waste Characterization	Solid	CNL-WC-ANNEX3-UF-S	12/9/2022			0.8 - 6 ft	STANTEC	ERF	480-204675-1	X	X	X	X	X	X			X		X	X		X		
CNL-WC-ANNEXA3-UF	Annex A Waste Characterization	Solid	CNL-WC-DUP1-UF-S	12/9/2022	Field Duplicate	CNL-WC-ANNEX3-UF-S	0.8 - 6 ft	STANTEC	ERF	480-204675-1	X	X	X	X	X	X			X		X	X		X		
Annex A	Annex A Waste Characterization	Solid	CNL-WC-ANNEXA1-OB-S	12/9/2022			0.4 - 3.7 ft	STANTEC	ERF	480-204675-1	X	X	X		X	X			X			X		X		
Annex A	Annex A Waste Characterization	Solid	CNL-WC-DUP1-OB-S	12/9/2022	Field Duplicate	CNL-WC-ANNEXA1-OB-S	0.4 - 3.7 ft	STANTEC	ERF	480-204675-1	X	X	X		X	X			X			X		X		
Annex A	Annex A Waste Characterization	Solid	CNL-WC-ANNEXA2-OB-S	12/9/2022			2.25 - 4.7 ft	STANTEC	ERF	480-204675-1	X	X	X		X	X			X			X		X		
Annex A	Annex A Waste Characterization	Solid	CNL-WC-ANNEXA3-OB-S	12/9/2022			3 - 6 ft	STANTEC	ERF	480-204675-1	X	X	X		X	X			X			X		X		
CNL-WC-ANNEXA1-P	Annex A Waste Characterization	Solid	CNL-WC-ANNEXA1-P-S	12/9/2022			2 - 5 ft	STANTEC	ERF	480-204675-1	X	X			X	X			X				X			
CNL-WC-ANNEXA1-P	Annex A Waste Characterization	Solid	CNL-WC-DUP1-P-S	12/9/2022	Field Duplicate	CNL-WC-ANNEXA1-P-S	2 - 5 ft	STANTEC	ERF	480-204675-1	X	X			X	X			X				X			

Table 7
Summary of Remedial Action Sample - Solid
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location	Location Purpose	Matrix	Sample ID	Sample Date	Locaiton of Quality Control Sample	Parent Sample	Depth	Sampling Company	Laboratory	Laboratory Sample Delivery Group	Analysis Completed															
											General Chemistry (Reactive Cyanide, Reactive Sulfide, Total Solids, Temperature, pH and/or Flashpoint)	Metals	Metals - TCLP	PAH	PCB	Pesticides	Pesticides - TCLP	PFAS	1,4-Dioxane	SVOC	SVOC - TCLP	SVOC - TICs	VOC	VOC - TCLP	VOC - TICs	Asbestos
CNL-WC-ANNEXA2-P	Annex A Waste Characterization	Solid	CNL-WC-ANNEXA2-P-S	12/9/2022			2 - 5 ft	STANTEC	ERF	480-204675-1	X	X			X	X				X				X		
CNL-WC-2B	Courtyard - Pre-Waste Characterization	Solid	CNL-WC-2B-S	12/9/2022			2.5 ft	STANTEC	ERF	480-204675-1													X		X	
CNL-WC-3A	Courtyard - Pre-Waste Characterization	Solid	CNL-WC-3A-S	12/9/2022			2 ft	STANTEC	ERF	480-204675-1													X		X	
CNL-WC-3B	Courtyard - Pre-Waste Characterization	Solid	CNL-WC-3B-S	12/9/2022			2 ft	STANTEC	ERF	480-204675-1													X		X	
CNL-WC-4B	Courtyard - Pre-Waste Characterization	Solid	CNL-WC-4B-S	12/9/2022			3.8 ft	STANTEC	ERF	480-204675-1													X		X	
CNL-WC-5A	Courtyard - Pre-Waste Characterization	Solid	CNL-WC-5A-S	12/9/2022			5 ft	STANTEC	ERF	480-204675-1													X		X	
CNL-WC-5B	Courtyard - Pre-Waste Characterization	Solid	CNL-WC-5B-S	12/9/2022			5 ft	STANTEC	ERF	480-204675-1													X		X	
CNL-WC-6A	Courtyard - Pre-Waste Characterization	Solid	CNL-WC-6A-S	12/9/2022			4 - 4.7 ft	STANTEC	ERF	480-204675-1													X		X	
CNL-WC-6B	Courtyard - Pre-Waste Characterization	Solid	CNL-WC-6B-S	12/9/2022			4 - 4.7 ft	STANTEC	ERF	480-204675-1													X		X	
CNL-WC-7B	Courtyard - Pre-Waste Characterization	Solid	CNL-WC-7B-S	12/9/2022			4.5 - 5 ft	STANTEC	ERF	480-204675-1													X		X	
CNL-WC-9A	Courtyard - Pre-Waste Characterization	Solid	CNL-WC-9A-S	12/9/2022			4 ft	STANTEC	ERF	480-204675-1													X		X	
CNL-WC-9B	Courtyard - Pre-Waste Characterization	Solid	CNL-WC-9B-S	12/9/2022			3 ft	STANTEC	ERF	480-204675-1													X		X	
CNL-WC-10A	Courtyard - Pre-Waste Characterization	Solid	CNL-WC-10A-S	12/9/2022			5.5 - 6 ft	STANTEC	ERF	480-204675-1													X		X	
CNL-WC-2A	Courtyard - Pre-Waste Characterization	Solid	CNL-WC-2A-S	12/9/2022			0.5 - 0.8 ft	STANTEC	ERF	480-204675-1													X		X	
CNL-WC-7A	Courtyard - Pre-Waste Characterization	Solid	CNL-WC-7A-S	12/9/2022			-	STANTEC	ERF	480-204675-1													X		X	
CNL-WC-8B	Courtyard - Pre-Waste Characterization	Solid	CNL-WC-8B-S	12/9/2022			0.4 - 0.8 ft	STANTEC	ERF	480-204675-1													X		X	
CNL-WC-12A	Courtyard - Pre-Waste Characterization	Solid	CNL-WC-12A-S	12/9/2022			0.8 ft	STANTEC	ERF	480-204675-1													X		X	
CNL-WC-12B	Courtyard - Pre-Waste Characterization	Solid	CNL-WC-12B-S	12/9/2022			3 - 3.5 ft	STANTEC	ERF	480-204675-1													X		X	
CNL-WC-4A	Courtyard - Pre-Waste Characterization	Solid	CNL-WC-4A-S	12/9/2022			1.7 ft	STANTEC	ERF	480-204675-1													X		X	
CNL-WC-10B	Courtyard - Pre-Waste Characterization	Solid	CNL-WC-10B-S	12/9/2022			4 - 4.4 ft	STANTEC	ERF	480-204675-1													X		X	
CNL-WC-8A-S	Courtyard - Pre-Waste Characterization	Solid	CNL-WC-8A-S	12/9/2022			-	STANTEC	ERF	480-204675-1													X		X	
CNL-WC-ANNEXA3-UF	Annex A Asbestos Sampling	Solid	CNL-WC-ANNEXA3-UF-S	12/9/2022			0.8 - 6 ft	STANTEC	PARAROCH	9564-22																X
Annex A	Annex A Asbestos Sampling	Solid	CNL-WC-ANNEXA1-OB-S	12/9/2022			0.4 - 3.7 ft	STANTEC	PARAROCH	9564-22																X
Annex A	Annex A Asbestos Sampling	Solid	CNL-WC-ANNEXA2-OB-S	12/9/2022			2.25 - 4.7 ft	STANTEC	PARAROCH	9564-22																X
Annex A	Annex A Asbestos Sampling	Solid	CNL-WC-ANNEXA3-OB-S	12/9/2022			3 - 6 ft	STANTEC	PARAROCH	9564-22																X
CNL-WC-CY1-UF	Courtyard Asbestos Sampling	Solid	CNL-WC-CY1-UF-S	12/13/2022			0.3 - 1.9 ft	STANTEC	PARAROCH	9564-22																X
CNL-WC-CY2-UF	Courtyard Asbestos Sampling	Solid	CNL-WC-CY2-UF-S	12/13/2022			0.4 - 1.5 ft	STANTEC	PARAROCH	9564-22																X
CNL-WC-CY3-UF	Courtyard Asbestos Sampling	Solid	CNL-WC-CY3-UF-S	12/13/2022			1.5 - 1.7 ft	STANTEC	PARAROCH	9564-22																X
CNL-WC-CY4-UF	Courtyard Asbestos Sampling	Solid	CNL-WC-CY4-UF-S	12/13/2022			0.5 - 1.6 ft	STANTEC	PARAROCH	9564-22																X
CNL-WC-CY5-UF	Courtyard Asbestos Sampling	Solid	CNL-WC-CY5-UF-S	12/13/2022			0.5 - 1.4 ft	STANTEC	PARAROCH	9564-22																X
CNL-WC-CY6-UF	Courtyard Asbestos Sampling	Solid	CNL-WC-CY6-UF-S	12/13/2022			0.7 - 2.4 ft	STANTEC	PARAROCH	9564-22																X
CNL-WC-CY1-OB	Courtyard Asbestos Sampling	Solid	CNL-WC-CY1-OB-S	12/13/2022			1.8 - 3.5 ft	STANTEC	PARAROCH	9564-22																X
CNL-WC-CY2-OB	Courtyard Asbestos Sampling	Solid	CNL-WC-CY2-OB-S	12/13/2022			1.5 - 3.4 ft	STANTEC	PARAROCH	9564-22																X
CNL-WC-CY7-OB	Courtyard Asbestos Sampling	Solid	CNL-WC-CY7-OB-S	12/13/2022			5.5 ft	STANTEC	PARAROCH	9564-22																X
CNL-WC-CY8-OB	Courtyard Asbestos Sampling	Solid	CNL-WC-CY8-OB-S	12/13/2022			2 - 5.5 ft	STANTEC	PARAROCH	9564-22																X

Notes and Abbreviations:

ALPHA	Alpha Scientific Corp
ERF	Eurofins Environmental Testing America
PAH	Polycyclic Aromatic Hydrocarbons
PARAROCH	Paradigm Environmental Services, Inc.
PCB	Polychlorinated Biphenyls
PFAS	Per- and Polyfluoroalkyl Substances
STANTEC	Stantec Consulting Services Inc.
SVOC	Semi-volatile organic compound
TCLP	Toxicity Characteristic Leaching Procedure
TIC	Tentatively Identified Compounds
VOC	Volatile organic compound

Table 8
Pre-Waste Characterization Soil Analytical Results
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #828206

Sample Location Sample Date Sample ID Sample Depth Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51	NYSDEC	CNL-WC-2B 9-Dec-22 CNL-WC-2B-S 2.5 ft STANTEC ERF 480-204675-1 480-204675-14	CNL-WC-3A 9-Dec-22 CNL-WC-3A-S 2 ft STANTEC ERF 480-204675-1 480-204675-16	CNL-WC-3B 9-Dec-22 CNL-WC-3B-S 2 ft STANTEC ERF 480-204675-1 480-204675-11	CNL-WC-4B 9-Dec-22 CNL-WC-4B-S 3.8 ft STANTEC ERF 480-204675-1 480-204675-10	CNL-WC-5A 9-Dec-22 CNL-WC-5A-S 5 ft STANTEC ERF 480-204675-1 480-204675-13	CNL-WC-5B 9-Dec-22 CNL-WC-5B-S 5 ft STANTEC ERF 480-204675-1 480-204675-18	CNL-WC-6A 9-Dec-22 CNL-WC-6A-S 4 - 4.7 ft STANTEC ERF 480-204675-1 480-204675-25	CNL-WC-6B 9-Dec-22 CNL-WC-6B-S 4 - 4.7 ft STANTEC ERF 480-204675-1 480-204675-21	CNL-WC-7B 9-Dec-22 CNL-WC-7B-S 4.5 - 5 ft STANTEC ERF 480-204675-1 480-204675-26	CNL-WC-9A 9-Dec-22 CNL-WC-9A-S 4 ft STANTEC ERF 480-204675-1 480-204675-20	CNL-WC-9B 9-Dec-22 CNL-WC-9B-S 3 ft STANTEC ERF 480-204675-1 480-204675-15	CNL-WC-10A 9-Dec-22 CNL-WC-10A-S 5.5 - 6 ft STANTEC ERF 480-204675-1 480-204675-23
Volatile Organic Compounds																
Acetone	µg/kg	50[AC] 100,000[B]	n/v	n/v	-	600 U *+	-	-	27 U vs	-	30 U vs	-	-	-	29 U vs	5,800 U *+
Benzene	µg/kg	60[AC] 4,800[B]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Bromodichloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Bromoform (Tribromomethane)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Bromomethane (Methyl bromide)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Butylbenzene, n-	µg/kg	12,000[AC] 100,000[B]	n/v	n/v	-	330	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	2,700
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11,000[AC] 100,000[B]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Butylbenzene, tert-	µg/kg	5,900[AC] 100,000[B]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Carbon Disulfide	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	2,700[E]	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760[AC] 2,400[B]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Chlorobenzene (Monochlorobenzene)	µg/kg	1,100[AC] 100,000[B]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Chloroethane (Ethyl Chloride)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	1,900[E]	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Chloroform (Trichloromethane)	µg/kg	370[AC] 49,000[B]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Chloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Cyclohexane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Dibromochloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Dichlorobenzene, 1,2-	µg/kg	1,100[AC] 100,000[B]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Dichlorobenzene, 1,3-	µg/kg	2,400[AC] 49,000[B]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Dichlorobenzene, 1,4-	µg/kg	1,800[AC] 13,000[B]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Dichlorodifluoromethane (Freon 12)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Dichloroethane, 1,1-	µg/kg	270[AC] 26,000[B]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Dichloroethane, 1,2-	µg/kg	20[m][A] 3,100[B] 20[g][C]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Dichloroethene, 1,1-	µg/kg	330[AC] 100,000[B]	n/v	n/v	-	120 U *+	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U *+
Dichloroethene, cis-1,2-	µg/kg	250[AC] 100,000[B]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Dichloroethene, trans-1,2-	µg/kg	190[AC] 100,000[B]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Dichloropropane, 1,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Dichloropropene, cis-1,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Dichloropropene, trans-1,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Ethylbenzene	µg/kg	1,000[AC] 41,000[B]	n/v	n/v	-	370	-	-	5.5 U vs	-	5.9 U vs	-	-	-	7.5 vs	1,200 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	n/v	-	600 U	-	-	27 U vs	-	30 U vs	-	-	-	29 U vs	5,800 U
Isopropylbenzene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	2,300[E]	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Isopropyltoluene, p- (Cymene)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	10,000[E]	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Methyl Acetate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	n/v	-	600 U	-	-	27 U vs	-	30 U vs	-	-	-	29 U vs	5,800 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	120[AC] 100,000[B]	300[E]	n/v	-	600 U	-	-	27 U vs	-	30 U vs	-	-	-	29 U vs	5,800 U
Methyl Isobutyl Ketone (MIBK)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	1,000[E]	n/v	-	600 U	-	-	27 U vs	-	30 U vs	-	-	-	29 U vs	5,800 U
Methyl tert-butyl ether (MTBE)	µg/kg	930[AC] 100,000[B]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Methylcyclohexane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	n/v	-	350	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	4,300
Methylene Chloride (Dichloromethane)	µg/kg	50[AC] 100,000[B]	n/v	n/v	-	120 U *+	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U *+
Naphthalene	µg/kg	12,000[AC] 100,000[B]	n/v	n/v	-	320	-	-	5.5 U vs	-	110 vs	-	-	-	21 vs	1,400
Propylbenzene, n-	µg/kg	3,900[AC] 100,000[B]	n/v	n/v	-	330	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,700
Styrene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Tetrachloroethane, 1,1,2,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	600[E]	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Tetrachloroethene (PCE)	µg/kg	1,300[AC] 19,000[B]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Toluene	µg/kg	700[AC] 100,000[B]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Trichlorobenzene, 1,2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	3,400[E]	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Trichloroethane, 1,1,1-	µg/kg	680[AC] 100,000[B]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Trichloroethane, 1,1,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Trichloroethene (TCE)	µg/kg	470[AC] 21,000[B]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Trichlorofluoromethane (Freon 11)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Trichlorotrifluoroethane (Freon 113)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	6,000[E]	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Trimethylbenzene, 1,2,4-	µg/kg	3,600[AC] 52,000[B]	n/v	n/v	-	2,000	-	-	5.5 U vs	-	5.9 U vs	-	-	-	19 vs	**6,800[AC]**
Trimethylbenzene, 1,3,5-	µg/kg	8,400[AC] 52,000[B]	n/v	n/v	-	570	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,400
Vinyl Chloride	µg/kg	20[AC] 900[B]	n/v	n/v	-	120 U	-	-	5.5 U vs	-	5.9 U vs	-	-	-	5.7 U vs	1,200 U
Xylenes, Total	µg/kg	260[A] 100,000[B] 1,600[C]	n/v	n/v	-	**1,300[A]**	-	-	11 U vs	-	12 U vs	-	-	-	13 vs	2,300 U
VOC TICs																
Total VOC TICs	µg/kg	n/v	n/v	n/v	-	11,630 TJN	-	-	-	-	41 TJN	-	-	-	82 TJN	125,200 TJN
Volatile Organic Compounds - TCLP																

Table 8
Pre-Waste Characterization Soil Analytical Results
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #828206

Sample Location **Sample Date** **Sample ID** **Sample Depth** **Sampling Company** **Laboratory** **Laboratory Work Order** **Laboratory Sample ID** **Sample Type**	**Units**	**NYSDEC-Part 375**	**NYSDEC CP-51**	**NYSDEC**	**CNL-WC-2B** **9-Dec-22** **CNL-WC-2B-S** **2.5 ft** **STANTEC** **ERF** **480-204675-1** **480-204675-14**	**CNL-WC-3A** **9-Dec-22** **CNL-WC-3A-S** **2 ft** **STANTEC** **ERF** **480-204675-1** **480-204675-16**	**CNL-WC-3B** **9-Dec-22** **CNL-WC-3B-S** **2 ft** **STANTEC** **ERF** **480-204675-1** **480-204675-11**	**CNL-WC-4B** **9-Dec-22** **CNL-WC-4B-S** **3.8 ft** **STANTEC** **ERF** **480-204675-1** **480-204675-10**	**CNL-WC-5A** **9-Dec-22** **CNL-WC-5A-S** **5 ft** **STANTEC** **ERF** **480-204675-1** **480-204675-13**	**CNL-WC-5B** **9-Dec-22** **CNL-WC-5B-S** **5 ft** **STANTEC** **ERF** **480-204675-1** **480-204675-18**	**CNL-WC-6A** **9-Dec-22** **CNL-WC-6A-S** **4 - 4.7 ft** **STANTEC** **ERF** **480-204675-1** **480-204675-25**	**CNL-WC-6B** **9-Dec-22** **CNL-WC-6B-S** **4 - 4.7 ft** **STANTEC** **ERF** **480-204675-1** **480-204675-21**	**CNL-WC-7B** **9-Dec-22** **CNL-WC-7B-S** **4.5 - 5 ft** **STANTEC** **ERF** **480-204675-1** **480-204675-26**	**CNL-WC-9A** **9-Dec-22** **CNL-WC-9A-S** **4 ft** **STANTEC** **ERF** **480-204675-1** **480-204675-20**	**CNL-WC-9B** **9-Dec-22** **CNL-WC-9B-S** **3 ft** **STANTEC** **ERF** **480-204675-1** **480-204675-15**	**CNL-WC-10A** **9-Dec-22** **CNL-WC-10A-S** **5.5 - 6 ft** **STANTEC** **ERF** **480-204675-1** **480-204675-23**
Benzene	mg/L	n/v	n/v	0.0007[F] 0.5[G]	0.010 U	-	0.010 U	0.010 U	-	0.010 U	-	0.010 U	0.010 U	0.010 U	-	-
Carbon Tetrachloride (Tetrachloromethane)	mg/L	n/v	n/v	0.005[F] 0.5[G]	0.010 U	-	0.010 U	0.010 U	-	0.010 U	-	0.010 U	0.010 U	0.010 U	-	-
Chlorobenzene (Monochlorobenzene)	mg/L	n/v	n/v	0.005[F] 100.0[G]	0.010 U	-	0.010 U	0.010 U	-	0.010 U	-	0.010 U	0.010 U	0.010 U	-	-
Chloroform (Trichloromethane)	mg/L	n/v	n/v	0.007[F] 6.0[G]	0.010 U	-	0.010 U	0.010 U	-	0.010 U	-	0.010 U	0.010 U	0.010 U	-	-
Dichloroethane, 1,2-	mg/L	n/v	n/v	0.005[F] 0.5[G]	0.010 U	-	0.010 U	0.010 U	-	0.010 U	-	0.010 U	0.010 U	0.010 U	-	-
Dichloroethene, 1,1-	mg/L	n/v	n/v	0.005[F] 0.7[G]	0.010 U	-	0.010 U	0.010 U	-	0.010 U	-	0.010 U	0.010 U	0.010 U	-	-
Methyl Ethyl Ketone (MEK) (2-Butanone)	mg/L	n/v	0.3[E]	0.05[F] 200.0[G]	0.050 U	-	0.050 U	0.050 U	-	0.050 U	-	0.050 U	0.050 U	0.050 U	-	-
Tetrachloroethene (PCE)	mg/L	n/v	n/v	0.005[F] 0.7[G]	0.010 U	-	0.010 U	0.010 U	-	0.010 U	-	0.010 U	0.010 U	0.010 U	-	-
Trichloroethene (TCE)	mg/L	n/v	n/v	0.005[F] 0.5[G]	0.010 U	-	0.010 U	0.010 U	-	0.010 U	-	0.010 U	0.010 U	0.010 U	-	-
Vinyl Chloride	mg/L	n/v	n/v	0.002[F] 0.2[G]	0.010 U	-	0.010 U	0.010 U	-	0.010 U	-	0.010 U	0.010 U	0.010 U	-	-

See notes on last page.

Table 8
Pre-Waste Characterization Soil Analytical Results
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #828206

Notes:

NYSDEC-Part 375	NYSDEC 6 NYCRR Part 375 Soil Clean-up Objectives (SCOs)
[A]	NYSDEC 6 NYCRR Part 375 - Unrestricted Use Soil Cleanup Objectives
[B]	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Human Health - Restricted Residential
[C]	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Groundwater
NYSDEC CP-51	New York State Department of Environmental Conservation, DEC Policy CP-51, October 21, 2010
[D]	Table 1 Supplemental Soil Cleanup Objectives - Restricted Residential
[E]	Table 1 Supplemental Soil Cleanup Objectives - Protection of Groundwater
NYSDEC	New York State Department of Environmental Conservation, Division of Hazardous Substances Regulation, November 30, 1992 (updated August 4, 1997)
[F]	NYDEC - Contained-in Action Levels (For Leachate)
[G]	Part 371.3: Characteristics of Hazardous Waste, Table 1 - Maximum Concentration of Contaminants for the Toxicity Characteristic
6.5[A]	Concentration exceeds the indicated standard.
15.2	Measured concentration did not exceed the indicated standard.
0.50 U	Laboratory reporting limit was greater than the applicable 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.
[a]	The SCOs for unrestricted use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3
[b]	The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3.
[d]	The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 mg/kg (Organics) and 10000 mg/kg (Inorganics). See 6 NYCRR Part 375 TSD Section 9.3.
[g]	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
[m]	For constituents where the calculated SCO was lower than the Contract Required Quantitation Limit (CRQL), the CRQL is used as the Track 1 SCO value.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	The reported result is an estimated value.
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.
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.
µg/kg	micrograms per kilogram
mg/L	milligrams per Liter
TCLP	Toxicity Characteristic Leaching Procedure
VOC	Volatile Organic Compound

Table 9
Pre-Waste Characterization Soil Analytical Results
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #828206

Sample Location				CNL-WC-13B	CNL-WC-14B	CNL-WC-15B		CNL-WC-16B	CNL-WC-17B	CNL-WC-18B	CNL-WC-21B	CNL-WC-25B	CNL-WC-26A	CNL-WC-26B	CNL-WC-27B
Sample Date				12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22
Sample ID				CNL-WC-13B-S	CNL-WC-14B-S	CNL-WC-15B-S	CNL-DUP1B-S	CNL-WC-16B-S	CNL-WC-17B-S	CNL-WC-18B-S	CNL-WC-21B-S	CNL-WC-25B-S	CNL-WC-26A-S	CNL-WC-26B-S	CNL-WC-27B-S
Sample Depth				1.8 ft	3 ft	3.5 ft	3.5 ft	1.5 ft	3.4 ft	2.8 ft	5.5 ft	2.9 ft	2.4 ft	5.5 ft	2 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF
Laboratory Work Order				480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1
Laboratory Sample ID				480-204742-30	480-204742-26	480-204742-23	480-204742-33	480-204742-28	480-204742-24	480-204742-27	480-204742-29	480-204742-25	480-204742-13	480-204742-32	480-204742-31
Sample Type							Field Duplicate								
Volatile Organic Compounds															
Acetone	µg/kg	50[AC] 100,000[B]	n/v	28 U vs	26 U vs	27 U vs	28 U vs	26 U vs	27 U vs	28 U vs	26 U vs	30 U vs	29 U vs	27 U vs	26 U vs
Benzene	µg/kg	60[AC] 4,800[B]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Bromodichloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Bromoform (Tribromomethane)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Bromomethane (Methyl bromide)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Butylbenzene, n-	µg/kg	12,000[AC] 100,000[B]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11,000[AC] 100,000[B]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Butylbenzene, tert-	µg/kg	5,900[AC] 100,000[B]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U F1 vs	5.9 U vs	5.4 U vs	5.3 U vs
Carbon Disulfide	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	2,700[E]	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760[AC] 2,400[B]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Chlorobenzene (Monochlorobenzene)	µg/kg	1,100[AC] 100,000[B]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Chloroethane (Ethyl Chloride)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	1,900[E]	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Chloroform (Trichloromethane)	µg/kg	370[AC] 49,000[B]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Chloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Cyclohexane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Dibromochloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Dichlorobenzene, 1,2-	µg/kg	1,100[AC] 100,000[B]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Dichlorobenzene, 1,3-	µg/kg	2,400[AC] 49,000[B]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Dichlorobenzene, 1,4-	µg/kg	1,800[AC] 13,000[B]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Dichlorodifluoromethane (Freon 12)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Dichloroethane, 1,1-	µg/kg	270[AC] 26,000[B]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Dichloroethane, 1,2-	µg/kg	20[A] 3,100[B] 20[C]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Dichloroethene, 1,1-	µg/kg	330[AC] 100,000[B]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Dichloroethene, cis-1,2-	µg/kg	250[AC] 100,000[B]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Dichloroethene, trans-1,2-	µg/kg	190[AC] 100,000[B]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Dichloropropane, 1,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Dichloropropene, cis-1,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Dichloropropene, trans-1,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Ethylbenzene	µg/kg	1,000[AC] 41,000[B]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	28 U vs	26 U vs	27 U vs	28 U vs	26 U vs	27 U vs	28 U vs	26 U vs	30 U vs	29 U vs	27 U vs	26 U vs
Isopropylbenzene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	2,300[E]	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U F1 vs	5.9 U vs	5.4 U vs	5.3 U vs
Isopropyltoluene, p- (Cymene)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	10,000[E]	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Methyl Acetate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	28 U vs	26 U vs	27 U vs	28 U vs	26 U vs	27 U vs	28 U vs	26 U vs	30 U vs	29 U vs	27 U vs	26 U vs
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	120[AC] 100,000[B]	300[E]	28 U vs	26 U vs	27 U vs	28 U vs	26 U vs	27 U vs	28 U vs	26 U F1 vs	30 U F1 vs	29 U vs	27 U vs	26 U vs
Methyl Isobutyl Ketone (MIBK)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	1,000[E]	28 U vs	26 U vs	27 U vs	28 U vs	26 U vs	27 U vs	28 U vs	26 U vs	30 U vs	29 U vs	27 U vs	26 U vs
Methyl tert-butyl ether (MTBE)	µg/kg	930[AC] 100,000[B]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Methylcyclohexane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Methylene Chloride (Dichloromethane)	µg/kg	50[AC] 100,000[B]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Naphthalene	µg/kg	12,000[AC] 100,000[B]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Propylbenzene, n-	µg/kg	3,900[AC] 100,000[B]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Styrene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Tetrachloroethane, 1,1,2,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	600[E]	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Tetrachloroethene (PCE)	µg/kg	1,300[AC] 19,000[B]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Toluene	µg/kg	700[AC] 100,000[B]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Trichlorobenzene, 1,2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	3,400[E]	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Trichloroethane, 1,1,1-	µg/kg	680[AC] 100,000[B]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Trichloroethane, 1,1,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Trichloroethene (TCE)	µg/kg	470[AC] 21,000[B]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Trichlorofluoromethane (Freon 11)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Trichlorotrifluoroethane (Freon 113)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	6,000[E]	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Trimethylbenzene, 1,2,4-	µg/kg	3,600[AC] 52,000[B]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Trimethylbenzene, 1,3,5-	µg/kg	8,400[AC] 52,000[B]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Vinyl Chloride	µg/kg	20[AC] 900[B]	n/v	5.5 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.4 U vs	5.7 U vs	5.3 U vs	5.9 U vs	5.9 U vs	5.4 U vs	5.3 U vs
Xylenes, Total	µg/kg	260[A] 100,000[B] 1,600[C]	n/v	11 U vs	11 U vs	11 U vs	11 U vs	11 U vs	11 U vs	11 U vs	11 U vs	12 U vs	12 U vs	11 U vs	11 U vs

Notes:

NYSDEC-Part 375	NYSDEC 6 NYCRR Part 375 Soil Clean-up Objectives (SCOs)
A	NYSDEC 6 NYCRR Part 375 - Unrestricted Use Soil Cleanup Objectives
B	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Human Health - Restricted Residential
C	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Groundwater
NYSDEC CP-51	New York State Department of Environmental Conservation, DEC Policy CP-51, October 21, 2010
D	Table 1 Supplemental Soil Cleanup Objectives - Restricted Residential
E	Table 1 Supplemental Soil Cleanup Objectives - Protection of Groundwater
6.5[A]	Concentration exceeds the indicated standard.
15.2	Measured concentration did not exceed the indicated standard.

Table 9
Pre-Waste Characterization Soil Analytical Results
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #828206

Sample Location	Units	NYSDEC-Part 375	NYSDEC CP-51	CNL-WC-13B	CNL-WC-14B	CNL-WC-15B		CNL-WC-16B	CNL-WC-17B	CNL-WC-18B	CNL-WC-21B	CNL-WC-25B	CNL-WC-26A	CNL-WC-26B	CNL-WC-27B
Sample Date				12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22
Sample ID				CNL-WC-13B-S	CNL-WC-14B-S	CNL-WC-15B-S	CNL-DUP1B-S	CNL-WC-16B-S	CNL-WC-17B-S	CNL-WC-18B-S	CNL-WC-21B-S	CNL-WC-25B-S	CNL-WC-26A-S	CNL-WC-26B-S	CNL-WC-27B-S
Sample Depth				1.8 ft	3 ft	3.5 ft	3.5 ft	1.5 ft	3.4 ft	2.8 ft	5.5 ft	2.9 ft	2.4 ft	5.5 ft	2 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF
Laboratory Work Order				480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1
Laboratory Sample ID				480-204742-30	480-204742-26	480-204742-23	480-204742-33	480-204742-28	480-204742-24	480-204742-27	480-204742-29	480-204742-25	480-204742-13	480-204742-32	480-204742-31
Sample Type							Field Duplicate								

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.
a	The SCOs for unrestricted use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3
b	The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3.
d	The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 mg/kg (Organics) and 10000 mg/kg (Inorganics). See 6 NYCRR Part 375 TSD Section 9.3.
g	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
m	For constituents where the calculated SCO was lower than the Contract Required Quantitation Limit (CRQL), the CRQL is used as the Track 1 SCO value.
F1	MS and/or MSD recovery exceeds control limits.
vs	Sample bottle contained visible sediment. Sample was shaken to obtain representative aliquot. Result may be biased high due to analyte present in sediment.
µg/kg	micrograms per kilogram

Table 10
Pre-Waste Characterization Soil Analytical Results
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #828206

Sample Location				CNL-WC-13A	CNL-WC-14A	CNL-WC-15A		CNL-WC-16A	CNL-WC-17A	CNL-WC-18A	CNL-WC-19A	CNL-WC-20A	CNL-WC-21A	CNL-WC-22A	CNL-WC-23A	CNL-WC-24A	CNL-WC-25A	CNL-WC-27A
Sample Date				12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22	12-Dec-22
Sample ID				CNL-WC-13A-S	CNL-WC-14A-S	CNL-WC-15A-S	CNL-WC-DUP1A-S	CNL-WC-16A-S	CNL-WC-17A-S	CNL-WC-18A-S	CNL-WC-19A-S	CNL-WC-20A-S	CNL-WC-21A-S	CNL-WC-22A-S	CNL-WC-23A-S	CNL-WC-24A-S	CNL-WC-25A-S	CNL-WC-27A-S
Sample Depth				0.3 ft	1.2 ft	1.9 ft	1.9 ft	0.4 ft	1.5 ft	1.1 ft	1.5 ft	1.7 ft	1.6 ft	0.5 ft	1 ft	1.4 ft	0.5 ft	0.7 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF
Laboratory Work Order				480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1	480-204742-1
Laboratory Sample ID				480-204742-1	480-204742-9	480-204742-12	480-204742-19	480-204742-10	480-204742-11	480-204742-8	480-204742-5	480-204742-7	480-204742-15	480-204742-16	480-204742-4	480-204742-6	480-204742-3	480-204742-14
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51				Field Duplicate											
Volatile Organic Compounds																		
Acetone	µg/kg	50[AC] 100,000[B]	n/v	540 U *+	28 U vs	**67 vs[AC]**	**260 vs[AC]**	29 U vs	28 U vs	30 U vs	25 U vs	28 U vs	28 U vs	28 U vs	29 U vs	25 U vs	560 U *+	29 U vs
Benzene	µg/kg	60[AC] 4,800[B]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Bromodichloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Bromoform (Tribromomethane)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Bromomethane (Methyl bromide)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Butylbenzene, n-	µg/kg	12,000[AC] 100,000[B]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U *3 vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11,000[AC] 100,000[B]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U *3 vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Butylbenzene, tert-	µg/kg	5,900[AC] 100,000[B]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U *3 vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Carbon Disulfide	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	2,700[E]	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760[AC] 2,400[B]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Chlorobenzene (Monochlorobenzene)	µg/kg	1,100[AC] 100,000[B]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Chloroethane (Ethyl Chloride)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	1,900[E]	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Chloroform (Trichloromethane)	µg/kg	370[AC] 49,000[B]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Chloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Cyclohexane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U *3 vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Dibromochloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Dichlorobenzene, 1,2-	µg/kg	1,100[AC] 100,000[B]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U *3 vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Dichlorobenzene, 1,3-	µg/kg	2,400[AC] 49,000[B]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U *3 vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Dichlorobenzene, 1,4-	µg/kg	1,800[AC] 13,000[B]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U *3 vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Dichlorodifluoromethane (Freon 12)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Dichloroethane, 1,1-	µg/kg	270[AC] 26,000[B]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Dichloroethane, 1,2-	µg/kg	20[m][A] 3,100[B] 20[q][C]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Dichloroethene, 1,1-	µg/kg	330[AC] 100,000[B]	n/v	110 U *+	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U *+	5.7 U vs
Dichloroethene, cis-1,2-	µg/kg	250[AC] 100,000[B]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Dichloroethene, trans-1,2-	µg/kg	190[AC] 100,000[B]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Dichloropropane, 1,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Dichloropropene, cis-1,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Dichloropropene, trans-1,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Dioxane, 1,4-	µg/kg	100[n][A] 13,000[B] 100[C]	n/v	2,100 U	-	-	-	-	-	-	-	-	-	-	-	-	2,100 U	-
Ethylbenzene	µg/kg	1,000[AC] 41,000[B]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	540 U	28 U vs	27 U vs	27 U vs	29 U vs	28 U vs	30 U vs	25 U vs	28 U vs	28 U vs	28 U vs	29 U vs	25 U vs	560 U	29 U vs
Isopropylbenzene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	2,300[E]	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U *3 vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Isopropyltoluene, p- (Cymene)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	10,000[E]	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U *3 vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Methyl Acetate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	540 U	28 U vs	27 U vs	27 U vs	29 U vs	28 U vs	30 U vs	25 U vs	28 U vs	28 U vs	28 U vs	29 U vs	25 U vs	560 U	29 U vs
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	120[AC] 100,000[B]	300[E]	540 U	28 U vs	27 U vs	53 vs	29 U vs	28 U vs	30 U vs	25 U vs	28 U vs	28 U vs	28 U vs	29 U vs	25 U vs	560 U	29 U vs
Methyl Isobutyl Ketone (MIBK)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	1,000[E]	540 U	28 U vs	27 U vs	27 U vs	29 U vs	28 U vs	30 U vs	25 U vs	28 U vs	28 U vs	28 U vs	29 U vs	25 U vs	560 U	29 U vs
Methyl tert-butyl ether (MTBE)	µg/kg	930[AC] 100,000[B]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Methylcyclohexane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Methylene Chloride (Dichloromethane)	µg/kg	50[AC] 100,000[B]	n/v	110 U *+	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U *+	5.7 U vs
Naphthalene	µg/kg	12,000[AC] 100,000[B]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U *3 vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Propylbenzene, n-	µg/kg	3,900[AC] 100,000[B]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U *3 vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Styrene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Tetrachloroethane, 1,1,2,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	600[E]	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U *3 vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Tetrachloroethene (PCE)	µg/kg	1,300[AC] 19,000[B]	n/v	270	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Toluene	µg/kg	700[AC] 100,000[B]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Trichlorobenzene, 1,2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	3,400[E]	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U *3 vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Trichloroethane, 1,1,1-	µg/kg	680[AC] 100,000[B]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Trichloroethane, 1,1,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Trichloroethene (TCE)	µg/kg	470[AC] 21,000[B]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Trichlorofluoromethane (Freon 11)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Trichlorotrifluoroethane (Freon 113)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	6,000[E]	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Trimethylbenzene, 1,2,4-	µg/kg	3,600[AC] 52,000[B]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U *3 vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Trimethylbenzene, 1,3,5-	µg/kg	8,400[AC] 52,000[B]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U *3 vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Vinyl Chloride	µg/kg	20[AC] 900[B]	n/v	110 U	5.6 U vs	5.4 U vs	5.4 U vs	5.8 U vs	5.6 U vs	5.9 U vs	5.0 U vs	5.5 U vs	5.7 U vs	5.7 U vs	5.7 U vs	5.1 U vs	110 U	5.7 U vs
Xylenes, Total	µg/kg	260[A] 100,000[B] 1,600[C]	n/v	220 U	11 U vs	11 U vs	11 U vs	12 U vs	11 U vs	12 U vs	10 U vs	11 U vs	11 U vs	11 U vs	11 U vs	10 U vs	250	11 U vs
VOC TICs																		
Total VOC TICs	µg/kg	n/v	n/v	5,200 TJN	-	-	-	-	-	-	-	-	-	-	-	-	3,340 TJN	-

See notes on last page.

Table 11
Pre-Waste Characterization Soil Analytical Results
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #828206

Sample Location				CNL-WC-2A	CNL-WC-7A	CNL-WC-8B		CNL-WC-12A	CNL-WC-12B
Sample Date				9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22
Sample ID				CNL-WC-2A-S	CNL-WC-7A-S	CNL-WC-8B-S	CNL-WC-8B-S	CNL-WC-12A-S	CNL-WC-12B-S
Sample Depth				0.5 - 0.8 ft		0.4 - 0.8 ft	0.4 - 0.8 ft	0.8 ft	3 - 3.5 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ERF	ERF	ERF	ERF	ERF	ERF
Laboratory Work Order				480-204675-1	480-204675-1	480-204675-1	480-204675-1	480-204675-1	480-204675-1
Laboratory Sample ID				480-204675-12	480-204675-27	480-204675-22	480-204675-29	480-204675-19	480-204675-24
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51						
Volatile Organic Compounds									
Acetone	µg/kg	50[AC] 100,000[B]	n/v	26 U vs	4,400 U *+	2,600 U *+	29 U vs	130 U vs	29 U vs
Benzene	µg/kg	60[AC] 4,800[B]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Bromodichloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Bromoform (Tribromomethane)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Bromomethane (Methyl bromide)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Butylbenzene, n-	µg/kg	12,000[AC] 100,000[B]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11,000[AC] 100,000[B]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Butylbenzene, tert-	µg/kg	5,900[AC] 100,000[B]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Carbon Disulfide	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	2,700[E]	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760[AC] 2,400[B]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Chlorobenzene (Monochlorobenzene)	µg/kg	1,100[AC] 100,000[B]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Chloroethane (Ethyl Chloride)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	1,900[E]	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Chloroform (Trichloromethane)	µg/kg	370[AC] 49,000[B]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Chloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Cyclohexane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Dibromochloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Dichlorobenzene, 1,2-	µg/kg	1,100[AC] 100,000[B]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Dichlorobenzene, 1,3-	µg/kg	2,400[AC] 49,000[B]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Dichlorobenzene, 1,4-	µg/kg	1,800[AC] 13,000[B]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Dichlorodifluoromethane (Freon 12)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Dichloroethane, 1,1-	µg/kg	270[AC] 26,000[B]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Dichloroethane, 1,2-	µg/kg	20[A] 3,100[B] 20[C]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Dichloroethene, 1,1-	µg/kg	330[AC] 100,000[B]	n/v	5.2 U vs	880 U *+	520 U *+	5.7 U vs	26 U vs	5.8 U vs
Dichloroethene, cis-1,2-	µg/kg	250[AC] 100,000[B]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Dichloroethene, trans-1,2-	µg/kg	190[AC] 100,000[B]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Dichloropropane, 1,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Dichloropropene, cis-1,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Dichloropropene, trans-1,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Ethylbenzene	µg/kg	1,000[AC] 41,000[B]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	26 U vs	4,400 U	2,600 U	29 U vs	130 U vs	29 U vs
Isopropylbenzene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	2,300[E]	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Isopropyltoluene, p- (Cymene)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	10,000[E]	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Methyl Acetate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	26 U vs	4,400 U	2,600 U	29 U vs	130 U vs	29 U vs
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	120[AC] 100,000[B]	300[E]	26 U vs	4,400 U	2,600 U	29 U vs	130 U vs	29 U vs
Methyl Isobutyl Ketone (MIBK)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	1,000[E]	26 U vs	4,400 U	2,600 U	29 U vs	130 U vs	29 U vs
Methyl tert-butyl ether (MTBE)	µg/kg	930[AC] 100,000[B]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Methylcyclohexane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Methylene Chloride (Dichloromethane)	µg/kg	50[AC] 100,000[B]	n/v	5.2 U vs	880 U *+	520 U *+	5.7 U vs	26 U vs	5.8 U vs
Naphthalene	µg/kg	12,000[AC] 100,000[B]	n/v	5.2 U vs	9,300	**17,000[AC]**	24 vs	37 vs	5.8 U vs
Propylbenzene, n-	µg/kg	3,900[AC] 100,000[B]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Styrene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Tetrachloroethane, 1,1,2,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	600[E]	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Tetrachloroethene (PCE)	µg/kg	1,300[AC] 19,000[B]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Toluene	µg/kg	700[AC] 100,000[B]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Trichlorobenzene, 1,2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	3,400[E]	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Trichloroethane, 1,1,1-	µg/kg	680[AC] 100,000[B]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Trichloroethane, 1,1,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Trichloroethene (TCE)	µg/kg	470[AC] 21,000[B]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Trichlorofluoromethane (Freon 11)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Trichlorotrifluoroethane (Freon 113)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	6,000[E]	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Trimethylbenzene, 1,2,4-	µg/kg	3,600[AC] 52,000[B]	n/v	5.2 U vs	880 U	520 U	10 vs	26 U vs	5.8 U vs
Trimethylbenzene, 1,3,5-	µg/kg	8,400[AC] 52,000[B]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Vinyl Chloride	µg/kg	20[AC] 900[B]	n/v	5.2 U vs	880 U	520 U	5.7 U vs	26 U vs	5.8 U vs
Xylenes, Total	µg/kg	260[A] 100,000[B] 1,600[C]	n/v	10 U vs	1,800 U	1,000 U	11 U vs	52 U vs	12 U vs
VOC TICs									
Total VOC TICs	µg/kg	n/v	n/v	-	218,200 TJN	11,700 TJN	38.5 TJN	488 TJN	-

Notes:

NYSDEC-Part 375	NYSDEC 6 NYCRR Part 375 Soil Clean-up Objectives (SCOs)	a	The SCOs for unrestricted use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3
A	NYSDEC 6 NYCRR Part 375 - Unrestricted Use Soil Cleanup Objectives	b	The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3.
B	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Human Health - Restricted Residential	d	The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 mg/kg (Organics) and 10000 mg/kg (Inorganics). See 6 NYCRR Part 375 TSD Section 9.3.
C	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Groundwater	g	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
NYSDEC CP-51	New York State Department of Environmental Conservation, DEC Policy CP-51, October 21, 2010	m	For constituents where the calculated SCO was lower than the Contract Required Quantitation Limit (CRQL), the CRQL is used as the Track 1 SCO value.
D	Table 1 Supplemental Soil Cleanup Objectives - Restricted Residential	*+	LCS and/or LCSD is outside acceptance limits, high biased.

Table 11
Pre-Waste Characterization Soil Analytical Results
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #828206

Sample Location				CNL-WC-2A	CNL-WC-7A	CNL-WC-8B		CNL-WC-12A	CNL-WC-12B
Sample Date				9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22
Sample ID				CNL-WC-2A-S	CNL-WC-7A-S	CNL-WC-8B-S	CNL-WC-8B-S	CNL-WC-12A-S	CNL-WC-12B-S
Sample Depth				0.5 - 0.8 ft		0.4 - 0.8 ft	0.4 - 0.8 ft	0.8 ft	3 - 3.5 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ERF	ERF	ERF	ERF	ERF	ERF
Laboratory Work Order				480-204675-1	480-204675-1	480-204675-1	480-204675-1	480-204675-1	480-204675-1
Laboratory Sample ID				480-204675-12	480-204675-27	480-204675-22	480-204675-29	480-204675-19	480-204675-24
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51						

E	Table 1 Supplemental Soil Cleanup Objectives - Protection of Groundwater	J	The reported result is an estimated value.
6.5[A]	Concentration exceeds the indicated standard.	N	Presumptive evidence of material.
15.2	Measured concentration did not exceed the indicated standard.	T	Result is a tentatively identified compound (TIC) and an estimated value.
0.03 U	Analyte was not detected at a concentration greater than the laboratory reporting limit.	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.
n/v	No standard/guideline value.	VOC	Volatile Organic Compound
-	Parameter not analyzed / not available.	µg/kg	micrograms per kilogram

Table 12
Pre-Waste Characterization Soil Analytical Results
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #828206

Sample Location Sample Date Sample ID Sample Depth Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51	CNL-WC-4A 9-Dec-22 CNL-WC-4A-S 1.7 ft STANTEC ERF 480-204675-1 480-204675-17	CNL-WC-10B 9-Dec-22 CNL-WC-10B-S 4 - 4.4 ft STANTEC ERF 480-204675-1 480-204675-28
Volatile Organic Compounds					
Acetone	µg/kg	50[AC] 100,000[B]	n/v	28 U vs	140 U vs
Benzene	µg/kg	60[AC] 4,800[B]	n/v	5.5 U vs	29 U vs
Bromodichloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	29 U vs
Bromoform (Tribromomethane)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	29 U vs
Bromomethane (Methyl bromide)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	29 U vs
Butylbenzene, n-	µg/kg	12,000[AC] 100,000[B]	n/v	5.5 U vs	29 U vs
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11,000[AC] 100,000[B]	n/v	5.5 U vs	29 U vs
Butylbenzene, tert-	µg/kg	5,900[AC] 100,000[B]	n/v	5.5 U vs	29 U vs
Carbon Disulfide	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	2,700[E]	5.5 U vs	29 U vs
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760[AC] 2,400[B]	n/v	5.5 U vs	29 U vs
Chlorobenzene (Monochlorobenzene)	µg/kg	1,100[AC] 100,000[B]	n/v	5.5 U vs	29 U vs
Chloroethane (Ethyl Chloride)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	1,900[E]	5.5 U vs	29 U vs
Chloroform (Trichloromethane)	µg/kg	370[AC] 49,000[B]	n/v	5.5 U vs	29 U vs
Chloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	29 U vs
Cyclohexane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	29 U vs
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	29 U vs
Dibromochloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	29 U vs
Dichlorobenzene, 1,2-	µg/kg	1,100[AC] 100,000[B]	n/v	5.5 U vs	29 U vs
Dichlorobenzene, 1,3-	µg/kg	2,400[AC] 49,000[B]	n/v	5.5 U vs	29 U vs
Dichlorobenzene, 1,4-	µg/kg	1,800[AC] 13,000[B]	n/v	5.5 U vs	29 U vs
Dichlorodifluoromethane (Freon 12)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	29 U vs
Dichloroethane, 1,1-	µg/kg	270[AC] 26,000[B]	n/v	5.5 U vs	29 U vs
Dichloroethane, 1,2-	µg/kg	20[m,A] 3,100[B] 20[m,C]	n/v	5.5 U vs	29 U vs
Dichloroethene, 1,1-	µg/kg	330[AC] 100,000[B]	n/v	5.5 U vs	29 U vs
Dichloroethene, cis-1,2-	µg/kg	250[AC] 100,000[B]	n/v	5.5 U vs	29 U vs
Dichloroethene, trans-1,2-	µg/kg	190[AC] 100,000[B]	n/v	5.5 U vs	29 U vs
Dichloropropane, 1,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	29 U vs
Dichloropropene, cis-1,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	29 U vs
Dichloropropene, trans-1,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	29 U vs
Ethylbenzene	µg/kg	1,000[AC] 41,000[B]	n/v	5.5 U vs	33 vs
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	29 U vs
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	28 U vs	140 U vs
Isopropylbenzene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	2,300[E]	5.5 U vs	29 U vs
Isopropyltoluene, p- (Cymene)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	10,000[E]	5.5 U vs	29 U vs
Methyl Acetate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	28 U vs	140 U vs
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	120[AC] 100,000[B]	300[E]	28 U vs	140 U vs
Methyl Isobutyl Ketone (MIBK)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	1,000[E]	28 U vs	140 U vs
Methyl tert-butyl ether (MTBE)	µg/kg	930[AC] 100,000[B]	n/v	5.5 U vs	29 U vs
Methylcyclohexane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	29 U vs
Methylene Chloride (Dichloromethane)	µg/kg	50[AC] 100,000[B]	n/v	5.5 U vs	29 U vs
Naphthalene	µg/kg	12,000[AC] 100,000[B]	n/v	39 vs	43 vs
Propylbenzene, n-	µg/kg	3,900[AC] 100,000[B]	n/v	5.5 U vs	29 U vs
Styrene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	29 U vs
Tetrachloroethane, 1,1,2,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	600[E]	5.5 U vs	29 U vs
Tetrachloroethene (PCE)	µg/kg	1,300[AC] 19,000[B]	n/v	5.5 U vs	29 U vs
Toluene	µg/kg	700[AC] 100,000[B]	n/v	5.5 U vs	29 U vs
Trichlorobenzene, 1,2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	3,400[E]	5.5 U vs	29 U vs
Trichloroethane, 1,1,1-	µg/kg	680[AC] 100,000[B]	n/v	5.5 U vs	29 U vs
Trichloroethane, 1,1,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	29 U vs
Trichloroethene (TCE)	µg/kg	470[AC] 21,000[B]	n/v	5.5 U vs	29 U vs
Trichlorofluoromethane (Freon 11)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	5.5 U vs	29 U vs
Trichlorotrifluoroethane (Freon 113)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	6,000[E]	5.5 U vs	29 U vs
Trimethylbenzene, 1,2,4-	µg/kg	3,600[AC] 52,000[B]	n/v	5.5 U vs	88 vs
Trimethylbenzene, 1,3,5-	µg/kg	8,400[AC] 52,000[B]	n/v	5.5 U vs	29 U vs
Vinyl Chloride	µg/kg	20[AC] 900[B]	n/v	5.5 U vs	29 U vs
Xylenes, Total	µg/kg	260[A] 100,000[B] 1,600[C]	n/v	11 U vs	96 vs
VOC TICs					
Total VOC TICs	µg/kg	n/v	n/v	93 T J N	942 T J N

Notes:

NYSDEC-Part 375	NYSDEC 6 NYCRR Part 375 Soil Clean-up Objectives (SCOs)
[A]	NYSDEC 6 NYCRR Part 375 - Unrestricted Use Soil Cleanup Objectives
[B]	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Human Health - Restricted Residential
[C]	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Groundwater
NYSDEC CP-51	New York State Department of Environmental Conservation, DEC Policy CP-51, October 21, 2010
[D]	Table 1 Supplemental Soil Cleanup Objectives - Restricted Residential
[E]	Table 1 Supplemental Soil Cleanup Objectives - Protection of Groundwater
6.5[A]	Concentration exceeds the indicated standard.
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.
[a]	The SCOs for unrestricted use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3
[b]	The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3.
[d]	The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 mg/kg (Organics) and 10000 mg/kg (Inorganics). See 6 NYCRR Part 375 TSD Section 9.3.
[g]	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
[m]	For constituents where the calculated SCO was lower than the Contract Required Quantitation Limit (CRQL), the CRQL is used as the Track 1 SCO value.
J	The reported result is an estimated value.
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.
vs	Sample bottle contained visible sediment. Sample was shaken to obtain representative aliquot. Result may be biased high due to analyte present in sediment.
VOC	Volatile Organic Compound
µg/kg	ırams per kilogram

Table 13
Pre-Waste Characterization Petroleum Soil Composite Analytical Results
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #828206

Sample Location					CNL-WC-ANNEXA1-P		CNL-WC-ANNEXA2-P
Sample Date					9-Dec-22	9-Dec-22	9-Dec-22
Sample ID					CNL-WC-ANNEXA1-P-S	CNL-WC-DUP1-P-S	CNL-WC-ANNEXA2-P-S
Sample Depth					2 - 5 ft	2 - 5 ft	2 - 5 ft
Sampling Company					STANTEC	STANTEC	STANTEC
Laboratory					ERF	ERF	ERF
Laboratory Work Order					480-204675-1	480-204675-1	480-204675-1
Laboratory Sample ID					480-204675-7	480-204675-9	480-204675-8
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51	NYSDEC		Field Duplicate	
General Chemistry							
Cyanide (Reactive)	mg/kg	n/v	n/v	n/v	9.4 U	9.7 U	9.7 U
Flashpoint	deg F	n/v	n/v	n/v	> 175	> 175	> 175
pH, lab	S.U.	n/v	n/v	n/v	8.6 HF	8.5 HF	8.3 HF
Sulfate	mg/kg	n/v	n/v	n/v	52.6	57.2	218
Sulfide (Reactive)	mg/kg	n/v	n/v	n/v	9.4 U	9.7 U	9.7 U
Temperature, Lab	deg C	n/v	n/v	n/v	19.0 HF	19.2 HF	18.9 HF
Metals - TCLP							
Arsenic	mg/L	n/v	n/v	5.0[F]	0.015 U	0.015 U	0.015 U
Barium	mg/L	n/v	n/v	100.0[F]	1.0 U	1.0 U	1.0 U
Cadmium	mg/L	n/v	n/v	1.0[F]	0.0020 U	0.0023	0.0020 U
Chromium	mg/L	n/v	n/v	5.0[F]	0.020 U	0.020 U	0.020 U
Lead	mg/L	n/v	n/v	5.0[F]	0.024	0.076	0.057
Mercury	mg/L	n/v	n/v	0.2[F]	0.00020 U	0.00020 U	0.00020 U
Selenium	mg/L	n/v	n/v	1.0[F]	0.025 U	0.025 U	0.025 U
Silver	mg/L	n/v	n/v	5.0[F]	0.0060 U	0.0060 U	0.0060 U
Metals							
Sulfur	mg/kg	n/v	n/v	n/v	312	316	1,160
Polychlorinated Biphenyls							
Aroclor 1016	mg/kg	[ABC]o	n/v	n/v	0.24 U	0.23 U	0.23 U
Aroclor 1221	mg/kg	[ABC]o	n/v	n/v	0.24 U	0.23 U	0.23 U
Aroclor 1232	mg/kg	[ABC]o	n/v	n/v	0.24 U	0.23 U	0.23 U
Aroclor 1242	mg/kg	[ABC]o	n/v	n/v	0.24 U	0.23 U	0.23 U
Aroclor 1248	mg/kg	[ABC]o	n/v	n/v	0.24 U	0.23 U	0.23 U
Aroclor 1254	mg/kg	[ABC]o	n/v	n/v	0.24 U	0.23 U	0.23 U
Aroclor 1260	mg/kg	[ABC]o	n/v	n/v	0.24 U	0.23 U	0.23 U
Polychlorinated Biphenyls (PCBs)	mg/kg	0.1[A] 1[B] 3.2[C]	n/v	n/v	ND	ND	ND
Pesticides							
2,4,5-TP (Silvex)	mg/L	n/v	n/v	1.0[F]	0.0020 U	0.0020 U	0.0020 U
Camphechlor (Toxaphene)	mg/L	n/v	n/v	0.5[F]	0.0020 U	0.0020 U	0.0020 U
Chlordane (Total)	mg/L	n/v	n/v	0.03[F]	0.0020 U	0.0020 U	0.0020 U
Dichlorophenoxy acetic acid, 2,4- (2,4-D)	mg/L	n/v	0.5[E]	10.0[F]	0.0020 U	0.0020 U	0.0020 U
Endrin	mg/L	n/v	n/v	0.02[F]	0.00020 U	0.00020 U	0.00020 U
Heptachlor	mg/L	n/v	n/v	0.008[F]	0.00020 U	0.00020 U	0.00020 U
Heptachlor Epoxide	mg/L	n/v	0.02[E]	0.008[F]	0.00020 U	0.00020 U	0.00020 U
Lindane (Hexachlorocyclohexane, gamma)	mg/L	n/v	n/v	0.4[F]	0.00020 U	0.00020 U	0.00020 U
Methoxychlor (4,4'-Methoxychlor)	mg/L	n/v	900[E]	10.0[F]	0.00020 U	0.00020 U	0.00020 U
Semi-Volatile Organic Compounds							
Cresol, o- (Methylphenol, 2-)	mg/L	n/v	n/v	200.0_{F4}[F]	0.020 U	0.020 U	0.020 U
Cresol, p- (Methylphenol, 4-)	mg/L	n/v	n/v	200.0_{F4}[F]	0.040 U	0.040 U	0.043
Dinitrotoluene, 2,4-	mg/L	n/v	n/v	0.13_{F3}[F]	0.020 U	0.020 U	0.020 U
Hexachlorobenzene	mg/L	n/v	1.4[E]	0.13_{F3}[F]	0.020 U	0.020 U	0.020 U
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	mg/L	n/v	n/v	0.5[F]	0.020 U	0.020 U	0.020 U
Hexachloroethane	mg/L	n/v	n/v	3.0[F]	0.020 U	0.020 U	0.020 U
Nitrobenzene	mg/L	n/v	15[D] 0.17_b[E]	2.0[F]	0.020 U	0.020 U	0.020 U
Pentachlorophenol	mg/L	n/v	n/v	100.0[F]	0.040 U	0.040 U	0.040 U
Trichlorophenol, 2,4,5-	mg/L	n/v	0.1[E]	400.0[F]	0.020 U	0.020 U	0.020 U
Trichlorophenol, 2,4,6-	mg/L	n/v	n/v	2.0[F]	0.020 U	0.020 U	0.020 U
Cresol, m- (Methylphenol, 3-)	mg/L	n/v	n/v	200.0_{F4}[F]	0.040 U	0.040 U	0.043
Dichlorobenzene, 1,4-	mg/L	n/v	n/v	7.5[F]	0.040 U	0.040 U	0.040 U
Pyridine	mg/L	n/v	n/v	5.0_{F3}[F]	0.10 U	0.10 U	0.10 U

Notes:
NYSDEC-Part 375 NYSDEC 6 NYCRR Part 375 Soil Clean-up Objectives (SCOs)
[A] NYSDEC 6 NYCRR Part 375 - Unrestricted Use Soil Cleanup Objectives

Table 13
Pre-Waste Characterization Petroleum Soil Composite Analytical Results
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #828206

Sample Location					CNL-WC-ANNEXA1-P		CNL-WC-ANNEXA2-P
Sample Date					9-Dec-22	9-Dec-22	9-Dec-22
Sample ID					CNL-WC-ANNEXA1-P-S	CNL-WC-DUP1-P-S	CNL-WC-ANNEXA2-P-S
Sample Depth					2 - 5 ft	2 - 5 ft	2 - 5 ft
Sampling Company					STANTEC	STANTEC	STANTEC
Laboratory					ERF	ERF	ERF
Laboratory Work Order					480-204675-1	480-204675-1	480-204675-1
Laboratory Sample ID					480-204675-7	480-204675-9	480-204675-8
Sample Type		Units	NYSDEC-Part 375	NYSDEC CP-51	NYSDEC		Field Duplicate	

B	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Human Health - Restricted Residential
C	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Groundwater
NYSDEC CP-51	New York State Department of Environmental Conservation, DEC Policy CP-51, October 21, 2010
D	Table 1 Supplemental Soil Cleanup Objectives - Restricted Residential
E	Table 1 Supplemental Soil Cleanup Objectives - Protection of Groundwater
NYSDEC	New York State Department of Environmental Conservation, September 5, 2006
F	Part 371.3: Characteristics of Hazardous Waste, Table 1 - Maximum Concentration of Contaminants for the Toxicity Characteristic
6.5[A]	Concentration exceeds the indicated standard.
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.
a	The SCOs for unrestricted use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3
b[B]	The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3.
b[E]	Based on rural background study
d	The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 mg/kg (Organics) and 10000 mg/kg (Inorganics). See 6 NYCRR Part 375 TSD Section 9.3.
f	For constituents where the calculated SCO was lower than the CRQL, the CRQL is used as the SCO value.
F3	Quantitation limit is greater than the calculated regulatory level. The quantitation limit therefore becomes the regulatory level.
F4	If o-, m-, and p-Cresol concentrations cannot be differentiated, the total cresol (D026) concentration is used. The regulatory level of total cresol is 200 mg/l.
g	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
i	The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.
k	This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts). See 6 NYCRR Part 375 TSD Table 5.6-1.
m	For constituents where the calculated SCO was lower than the Contract Required Quantitation Limit (CRQL), the CRQL is used as the Track 1 SCO value.
n	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.
n,I	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site. The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.
o	Standard is applicable to total PCBs, and the individual Aroclors should be added for comparison.
>	Greater than.
HF	Field parameter with a holding time of 15 minutes
ND	Not detected.
deg C	degrees Celsius
deg F	degress Farenheit
mg/kg	milligrams per kilgram
mg/L	milligrams per Liter
ND	Not detected.
S.U.	standard unit
TCLP	Toxicity Characteristic Leaching Procedure

Table 14
Pre-Waste Characterization Soil Composite Analytical Results
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #828206

Sample Location					CNL-WC-ANNEXA3-UF					CNL-WC-ANNEXA1-OB			CNL-WC-ANNEXA2-OB		CNL-WC-ANNEXA3-OB		
Sample Date					9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22
Sample ID					CNL-WC-ANNEX3-UF-S	CNL-WC-ANNEX3-UF-S	CNL-WC-ANNEXA3-UF-S	CNL-WC-DUP1-UF-S	CNL-WC-DUP1-UF-S	CNL-WC-ANNEXA1-OB-S	CNL-WC-ANNEXA1-OB-S	CNL-WC-DUP1-OB-S	CNL-WC-ANNEXA2-OB-S	CNL-WC-ANNEXA2-OB-S	CNL-WC-ANNEXA3-OB-S	CNL-WC-ANNEXA3-OB-S	CNL-WC-ANNEXA3-OB-S
Sample Depth					0.8 - 6 ft	0.8 - 6 ft	0.8 - 6 ft	0.8 - 6 ft	0.8 - 6 ft	0.4 - 3.7 ft	0.4 - 3.7 ft	0.4 - 3.7 ft	2.25 - 4.7 ft	2.25 - 4.7 ft	3 - 6 ft	3 - 6 ft	3 - 6 ft
Sampling Company					STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory					ERF	ERF	PARAROCH	ERF	ERF	ERF	PARAROCH	ERF	ERF	PARAROCH	ERF	ERF	PARAROCH
Laboratory Work Order					480-204675-1	480-204675-1	9564-22	480-204675-1	480-204675-1	480-204675-1	9564-22	480-204675-4	480-204675-1	9564-22	480-204675-1	480-204675-1	9564-22
Laboratory Sample ID					480-204675-1	480-204675-1	84370	480-204675-2	480-204675-2	480-204675-3	84371	480-204675-4	480-204675-5	84368	480-204675-6	480-204675-6	84369
Sample Type					Dilution	Initial	INITIAL	Field Duplicate Dilution	Field Duplicate Initial	Initial	INITIAL	Field Duplicate Initial	Initial	INITIAL	Dilution	Initial	INITIAL
	Units	NYSDEC-Part 375	NYSDEC CP-51	NYSDEC													
General Chemistry																	
Cyanide	mg/kg	27$_{i}^{AB}$ 40$_{i}^{C}$	n/v	n/v	-	1.1 U	-	-	0.99 U	1.1 U	-	1.0 U	1.1 U	-	-	1.0 U	-
Cyanide (Reactive)	mg/kg	n/v	n/v	n/v	-	10 U	-	-	10 U	9.9 U	-	9.5 U	9.7 U	-	-	9.4 U	-
Flashpoint	deg F	n/v	n/v	n/v	-	> 175	-	-	> 175	> 175	-	> 175	> 175	-	-	> 175	-
pH, lab	S.U.	n/v	n/v	n/v	-	9.4 HF	-	-	8.3 HF	8.4 HF	-	8.3 HF	8.4 HF	-	-	8.5 HF	-
Sulfate	mg/kg	n/v	n/v	n/v	-	307	-	-	308	-	-	92.1	-	-	-	-	-
Sulfide (Reactive)	mg/kg	n/v	n/v	n/v	-	10 U	-	-	120	9.9 U	-	56.8	9.7 U	-	-	37.9	-
Temperature, Lab	deg C	n/v	n/v	n/v	-	19.1 HF	-	-	18.7 HF	18.9 HF	-	18.9 HF	19.0 HF	-	-	19.0 HF	-
Metals																	
Aluminum	mg/kg	10,000$_{e}^{ABC}$	10,000$_{a}^{E}$	n/v	-	5,040	-	-	6,150	4,070 F1	-	4,840	6,800	-	-	4,640	-
Antimony	mg/kg	10,000$_{e}^{ABC}$	10,000$_{a}^{E}$	n/v	-	17.6 U	-	-	17.1 U	16.4 U F1	-	17.7 U	17.9 U	-	-	16.2 U	-
Arsenic	mg/kg	13$_{n}^{A}$ 16$_{g}^{BC}$	n/v	n/v	-	2.5	-	-	3.1	3.5	-	2.4	2.9	-	-	2.3	-
Barium	mg/kg	350$_{n}^{A}$ 400^{B} 820^{C}	n/v	n/v	-	20.9	-	-	29.8	23.4 F1	-	31.8	41.2	-	-	21.3	-
Beryllium	mg/kg	7.2^{A} 72^{B} 47^{C}	n/v	n/v	-	0.24 U	-	-	0.28	0.22 U	-	0.24 U	0.29	-	-	0.22 U	-
Cadmium	mg/kg	2.5$_{n}^{A}$ 4.3^{B} 7.5^{C}	n/v	n/v	-	0.24 U	-	-	0.23 U	0.22 U	-	0.24 U	0.24 U	-	-	0.22 U	-
Calcium	mg/kg	10,000$_{e}^{ABC}$	10,000$_{a}^{E}$	n/v	-	**35,500^{ABCE}**	-	-	**31,500^{ABCE}**	**50,500^{ABCE}**	-	**41,300^{ABCE}**	**27,900^{ABCE}**	-	-	**20,600^{ABCE}**	-
Chromium	mg/kg	30$_{n,i}^{A}$ 180$_{NS,q}^{B}$ $_{i}^{C}$	n/v	n/v	-	6.2	-	-	8.0	8.6	-	6.9	9.4	-	-	7.1	-
Cobalt	mg/kg	10,000$_{e}^{ABC}$	10,000$_{a}^{E}$	n/v	-	3.4	-	-	4.0	2.8	-	3.4	4.1	-	-	3.0	-
Copper	mg/kg	50^{A} 270^{B} 1,720^{C}	n/v	n/v	-	7.3	-	-	7.0	8.4	-	6.8	10.7	-	-	6.4	-
Iron	mg/kg	10,000$_{e}^{ABC}$	10,000$_{a}^{E}$	n/v	-	9,420 B	-	-	9,960 B	8,320 B F1	-	9,040 B	**11,200 B^{ABCE}**	-	-	8,980 B	-
Lead	mg/kg	63$_{n}^{A}$ 400^{B} 450^{C}	n/v	n/v	-	6.5	-	-	9.0	6.6	-	8.7	18.7	-	-	7.2	-
Magnesium	mg/kg	10,000$_{e}^{ABC}$	n/v	n/v	-	7,310	-	-	7,830	**20,000 F2^{ABC}**	-	8,480	5,480	-	-	5,400	-
Manganese	mg/kg	1,600$_{n}^{A}$ 2,000$_{g}^{BC}$	n/v	n/v	-	282 B	-	-	513 B	335 B	-	313 B	318 B	-	-	281 B	-
Mercury	mg/kg	0.18$_{n}^{A}$ 0.81$_{a}^{B}$ 0.73^{C}	n/v	n/v	-	0.023 U	-	-	0.022 U	0.023 U	-	0.023 U	0.024 U	-	-	0.020 U	-
Nickel	mg/kg	30^{A} 310^{B} 130^{C}	n/v	n/v	-	7.3	-	-	7.7	6.6	-	7.7	9.1	-	-	6.7	-
Potassium	mg/kg	10,000$_{e}^{ABC}$	n/v	n/v	-	1,610	-	-	1,830	1,170 F1	-	1,340	1,640	-	-	1,100	-
Selenium	mg/kg	3.9$_{n}^{A}$ 180^{B} 4$_{a}^{C}$	n/v	n/v	-	4.7 U	-	-	4.6 U	4.4 U	-	4.7 U	4.8 U	-	-	4.3 U	-
Silver	mg/kg	2^{A} 180^{B} 8.3^{C}	n/v	n/v	-	0.71 U	-	-	0.69 U	0.66 U	-	0.71 U	0.72 U	-	-	0.65 U	-
Sodium	mg/kg	10,000$_{e}^{ABC}$	n/v	n/v	-	165 U	-	-	175	209	-	217	196	-	-	151 U	-
Sulfur	mg/kg	n/v	n/v	n/v	-	134	-	-	542	-	-	164	-	-	-	-	-
Thallium	mg/kg	10,000$_{e}^{ABC}$	10,000$_{a}^{E}$	n/v	-	7.1 U	-	-	6.9 U	6.6 U	-	7.1 U	7.2 U	-	-	6.5 U	-
Vanadium	mg/kg	10,000$_{e}^{ABC}$	10,000$_{a}^{E}$	n/v	-	16.0	-	-	15.2	12.6	-	12.9	17.0	-	-	13.0	-
Zinc	mg/kg	109$_{n}^{A}$ 10,000$_{a}^{B}$ 2,480^{C}	n/v	n/v	-	24.0	-	-	19.3	15.0	-	25.8	23.2	-	-	15.6	-
Metals - TCLP																	
Lead	mg/L	n/v	n/v	n/v	-	0.020 U	-	-	0.020 U	0.022	-	0.020 U	0.020 U	-	-	0.095	-
Polychlorinated Biphenyls																	
Aroclor 1016	mg/kg	$_{o}^{ABC}$	n/v	n/v	-	0.22 U	-	-	0.22 U	0.24 U F1	-	0.22 U	0.21 U	-	-	0.23 U	-
Aroclor 1221	mg/kg	$_{o}^{ABC}$	n/v	n/v	-	0.22 U	-	-	0.22 U	0.24 U	-	0.22 U	0.21 U	-	-	0.23 U	-
Aroclor 1232	mg/kg	$_{o}^{ABC}$	n/v	n/v	-	0.22 U	-	-	0.22 U	0.24 U	-	0.22 U	0.21 U	-	-	0.23 U	-
Aroclor 1242	mg/kg	$_{o}^{ABC}$	n/v	n/v	-	0.22 U	-	-	0.22 U	0.24 U	-	0.22 U	0.21 U	-	-	0.23 U	-
Aroclor 1248	mg/kg	$_{o}^{ABC}$	n/v	n/v	-	0.22 U	-	-	0.22 U	0.24 U	-	0.22 U	0.21 U	-	-	0.23 U	-
Aroclor 1254	mg/kg	$_{o}^{ABC}$	n/v	n/v	-	0.22 U	-	-	0.22 U	0.24 U	-	0.22 U	0.21 U	-	-	0.23 U	-
Aroclor 1260	mg/kg	$_{o}^{ABC}$	n/v	n/v	-	0.22 U	-	-	0.22 U	0.24 U	-	0.22 U	0.21 U	-	-	0.23 U	-
Polychlorinated Biphenyls (PCBs)	mg/kg	0.1^{A} 1^{B} 3.2^{C}	n/v	n/v	-	ND	-	-	ND	ND	-	ND	ND	-	-	ND	-
Pesticides																	
2,4,5-TP (Silvex)	µg/kg	3,800^{AC} 100,000$_{b}^{B}$	n/v	n/v	-	16 U	-	-	16 U	16 U	-	17 U	16 U	-	-	17 U	-
Aldrin	µg/kg	5$_{n}^{A}$ 97^{B} 190^{C}	n/v	n/v	-	37 U	-	-	37 U	38 U	-	37 U	9.6 U	-	-	37 U	-
BHC, alpha-	µg/kg	20^{AC} 480^{B}	n/v	n/v	-	37 U	-	-	37 U	38 U	-	37 U	9.6 U	-	-	37 U	-
BHC, beta-	µg/kg	36^{A} 360^{B} 90^{C}	n/v	n/v	-	37 U	-	-	37 U	38 U F1	-	37 U	9.6 U	-	-	37 U	-
BHC, delta-	µg/kg	40$_{n}^{A}$ 100,000$_{g}^{B}$ 250^{C}	n/v	n/v	-	37 U	-	-	37 U	38 U	-	37 U	9.6 U	-	-	37 U	-
Camphechlor (Toxaphene)	µg/kg	100,000$_{a}^{A}$ 100,000$_{b}^{B}$ 1,000,000$_{d}^{C}$	n/v	n/v	-	370 U	-	-	370 U	380 U	-	370 U	96 U	-	-	370 U	-
Chlordane, alpha-	µg/kg	94^{A} 4,200^{B} 2,900^{C}	n/v	n/v	-	37 U	-	-	37 U	38 U F1	-	37 U	9.6 U	-	-	37 U	-
Chlordane, trans- (gamma-Chlordane)	µg/kg	100,000$_{a}^{A}$ 100,000$_{b}^{B}$ 1,000,000$_{d}^{C}$	n/v	n/v	-	37 U	-	-	37 U	38 U	-	37 U	9.6 U	-	-	37 U	-
DDD (p,p'-DDD)	µg/kg	3.3$_{m}^{A}$ 13,000^{B} 14,000^{C}	n/v	n/v	-	37 U	-	-	37 U	38 U F1	-	37 U	9.6 U	-	-	37 U	-
DDE (p,p'-DDE)	µg/kg	3.3$_{m}^{A}$ 8,900^{B} 17,000^{C}	n/v	n/v	-	37 U	-	-	37 U	38 U	-	37 U	9.6 U	-	-	37 U	-
DDT (p,p'-DDT)	µg/kg	3.3$_{m}^{A}$ 7,900^{B} 136,000^{C}	n/v	n/v	-	37 U	-	-	37 U	38 U F1	-	37 U	9.6 U	-	-	37 U	-
Dichlorophenoxy acetic acid, 2,4- (2,4-D)	µg/kg	100,000$_{a}^{A}$ 100,000$_{b}^{B}$ 1,000,000$_{d}^{C}$	500^{E}	n/v	-	16 U	-	-	16 U	16 U	-	17 U	16 U	-	-	17 U	-
Dieldrin	µg/kg	5$_{n}^{A}$ 200^{B} 100^{C}	n/v	n/v	-	37 U	-	-	37 U	38 U F2	-	37 U	9.6 U	-	-	37 U	-
Endosulfan I	µg/kg	2,400^{A} 24,000^{B} 102,000^{C}	n/v	n/v	-	37 U	-	-	37 U	38 U F1	-	37 U	9.6 U	-	-	37 U	-
Endosulfan II	µg/kg	2,400^{A} 24,000^{B} 102,000^{C}	n/v	n/v	-	37 U	-	-	37 U	38 U	-	37 U	9.6 U	-	-	37 U	-
Endosulfan Sulfate	µg/kg	2,400^{A} 24,000^{B} 1,000,000$_{d}^{C}$	n/v	n/v	-	37 U	-	-	37 U	38 U F2	-	37 U	9.6 U	-	-	37 U	-
Endrin	µg/kg	14^{A} 11,000^{B} 60^{C}	n/v	n/v	-	37 U	-	-	37 U	38 U F1 F2	-	37 U	9.6 U	-	-	37 U	-
Endrin Aldehyde	µg/kg	100,000$_{a}^{A}$ 100,000$_{b}^{B}$ 1,000,000$_{d}^{C}$	n/v	n/v	-	37 U	-	-	37 U	38 U F1	-	37 U	9.6 U	-	-	37 U	-
Endrin Ketone	µg/kg	100,000$_{a}^{A}$ 100,000$_{b}^{B}$ 1,000,000$_{d}^{C}$	n/v	n/v	-	37 U	-	-	37 U	38 U F1	-	37 U	9.6 U	-	-	37 U	-
Heptachlor	µg/kg	42^{A} 2,100^{B} 380^{C}	n/v	n/v	-	37 U	-	-	37 U	38 U	-	37 U	9.6 U	-	-	37 U	-
Heptachlor Epoxide	µg/kg	100,000$_{a}^{A}$ 100,000$_{b}^{B}$ 1,000,000$_{d}^{C}$	20^{E}	n/v	-	37 U	-	-	37 U	38 U F2	-	37 U	9.6 U	-	-	37 U	-
Lindane (Hexachlorocyclohexane, gamma)	µg/kg	100^{AC} 1,300^{B}	n/v	n/v	-	37 U	-	-	37 U	38 U	-	37 U	9.6 U	-	-	37 U	-
Methoxychlor (4,4'-Methoxychlor)	µg/kg	100,000$_{a}^{A}$ 100,000$_{b}^{B}$ 1,000,000$_{d}^{C}$	900,000^{E}	n/v	-	37 U	-	-	37 U	38 U F1 F2	-	37 U	9.6 U	-	-	37 U	-

Table 14
Pre-Waste Characterization Soil Composite Analytical Results
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #828206

Sample Location					CNL-WC-ANNEXA3-UF					CNL-WC-ANNEXA1-OB			CNL-WC-ANNEXA2-OB		CNL-WC-ANNEXA3-OB		
Sample Date					9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22
Sample ID					CNL-WC-ANNEX3-UF-S	CNL-WC-ANNEX3-UF-S	CNL-WC-ANNEXA3-UF-S	CNL-WC-DUP1-UF-S	CNL-WC-DUP1-UF-S	CNL-WC-ANNEXA1-OB-S	CNL-WC-ANNEXA1-OB-S	CNL-WC-DUP1-OB-S	CNL-WC-ANNEXA2-OB-S	CNL-WC-ANNEXA2-OB-S	CNL-WC-ANNEXA3-OB-S	CNL-WC-ANNEXA3-OB-S	CNL-WC-ANNEXA3-OB-S
Sample Depth					0.8 - 6 ft	0.8 - 6 ft	0.8 - 6 ft	0.8 - 6 ft	0.8 - 6 ft	0.4 - 3.7 ft	0.4 - 3.7 ft	0.4 - 3.7 ft	2.25 - 4.7 ft	2.25 - 4.7 ft	3 - 6 ft	3 - 6 ft	3 - 6 ft
Sampling Company					STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory					ERF	ERF	PARAROCH	ERF	ERF	ERF	PARAROCH	ERF	ERF	PARAROCH	ERF	ERF	PARAROCH
Laboratory Work Order					480-204675-1	480-204675-1	9564-22	480-204675-1	480-204675-1	480-204675-1	9564-22	480-204675-1	480-204675-1	9564-22	480-204675-1	480-204675-1	9564-22
Laboratory Sample ID					480-204675-1	480-204675-1	84370	480-204675-2	480-204675-2	480-204675-3	84371	480-204675-4	480-204675-5	84368	480-204675-6	480-204675-6	84369
Sample Type					Dilution	Initial	INITIAL	Field Duplicate Dilution	Field Duplicate Initial	Initial	INITIAL	Field Duplicate Initial	Initial	INITIAL	Dilution	Initial	INITIAL
	Units	NYSDEC-Part 375	NYSDEC CP-51	NYSDEC													
Trichlorophenoxy acetic acid, 2,4,5- (2,4,5-T)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	1,900[E]	n/v	-	16 U	-	-	16 U	16 U	-	17 U	16 U	-	-	17 U	-
Asbestos																	
PLM Asbestos Fibers Type/Percentage	%	n/v	n/v	n/v	-	-	ND	-	-	-	ND	-	-	ND	-	-	ND
PLM Total Asbestos	%	n/v	n/v	n/v	-	-	0	-	-	-	0	-	-	0	-	-	0
TEM Asbestos Fibers Type/Percentage	%	n/v	n/v	n/v	-	-	NR	-	-	-	NR	-	-	NR	-	-	NR
TEM Total Asbestos	%	n/v	n/v	n/v	-	-	N/A	-	-	-	N/A	-	-	N/A	-	-	N/A
PLM Non-Asbestos Fibers Type/Percentage	%	n/v	n/v	n/v	-	-	ND	-	-	-	ND	-	-	ND	-	-	ND
Non-Fibrous Matrix Material	%	n/v	n/v	n/v	-	-	100	-	-	-	100	-	-	100	-	-	100

See notes on last page.

Table 14
Pre-Waste Characterization Soil Composite Analytical Results
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #828206

Sample Location					CNL-WC-ANNEXA3-UF					CNL-WC-ANNEXA1-OB			CNL-WC-ANNEXA2-OB		CNL-WC-ANNEXA3-OB		
Sample Date					9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22
Sample ID					CNL-WC-ANNEX3-UF-S	CNL-WC-ANNEX3-UF-S	CNL-WC-ANNEXA3-UF-S	CNL-WC-DUP1-UF-S	CNL-WC-DUP1-UF-S	CNL-WC-ANNEXA1-OB-S	CNL-WC-ANNEXA1-OB-S	CNL-WC-DUP1-OB-S	CNL-WC-ANNEXA2-OB-S	CNL-WC-ANNEXA2-OB-S	CNL-WC-ANNEXA3-OB-S	CNL-WC-ANNEXA3-OB-S	CNL-WC-ANNEXA3-OB-S
Sample Depth					0.8 - 6 ft	0.8 - 6 ft	0.8 - 6 ft	0.8 - 6 ft	0.8 - 6 ft	0.4 - 3.7 ft	0.4 - 3.7 ft	0.4 - 3.7 ft	2.25 - 4.7 ft	2.25 - 4.7 ft	3 - 6 ft	3 - 6 ft	3 - 6 ft
Sampling Company					STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory					ERF	ERF	PARAROCH	ERF	ERF	ERF	PARAROCH	ERF	ERF	PARAROCH	ERF	ERF	PARAROCH
Laboratory Work Order					480-204675-1	480-204675-1	9564-22	480-204675-1	480-204675-2	480-204675-1	9564-22	480-204675-4	480-204675-1	9564-22	480-204675-1	480-204675-6	9564-22
Laboratory Sample ID					480-204675-1	480-204675-1	84370	480-204675-2	480-204675-2	480-204675-3	84371	480-204675-4	480-204675-5	84368	480-204675-6	480-204675-6	84369
Sample Type					Dilution	Initial	INITIAL	Field Duplicate Dilution	Field Duplicate Initial	Initial	INITIAL	Field Duplicate Initial	Initial	INITIAL	Dilution	Initial	INITIAL
	Units	NYSDEC-Part 375	NYSDEC CP-51	NYSDEC													
1,4-Dioxane																	
Dioxane, 1,4-	µg/kg	100_m[A] $13,000$[B] 100_f[C]	n/v	n/v	-	2,300 U	-	-	2,200 U	2,300 U F1	-	2,200 U	120 U	-	-	2,200 U	-
Polycyclic Aromatic Hydrocarbons																	
Acenaphthene	µg/kg	$20,000$[A] $100,000_b$[B] $98,000$[C]	n/v	n/v	-	5,900	-	-	11,000	3,900 U F1	-	6,600	420	-	-	14,000	-
Acenaphthylene	µg/kg	$100,000_a$[A] $100,000_b$[B] $107,000$[C]	n/v	n/v	-	3,800 U	-	-	6,100	3,900 U F1	-	3,800 U	200 U	-	-	6,800	-
Anthracene	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	36,000	-	-	65,000	15,000	-	30,000	1,200	-	-	58,000	-
Benzo(a)anthracene	µg/kg	$1,000_n$[A] $1,000_g$[BC]	n/v	n/v	-	**37,000**[ABC]	-	-	**67,000**[ABC]	**15,000**[ABC]	-	**27,000**[ABC]	**1,200**[ABC]	-	-	**56,000**[ABC]	-
Benzo(a)pyrene	µg/kg	$1,000_n$[A] $1,000_g$[B] $22,000$[C]	n/v	n/v	-	**31,000**[ABC]	-	-	**56,000**[ABC]	**13,000**[AB]	-	**23,000**[ABC]	**1,100**[AB]	-	-	**47,000**[ABC]	-
Benzo(b)fluoranthene	µg/kg	$1,000_n$[A] $1,000_g$[B] $1,700$[C]	n/v	n/v	-	**40,000**[ABC]	-	-	**67,000**[ABC]	**16,000**[ABC]	-	**29,000**[ABC]	**1,300**[AB]	-	-	**55,000**[ABC]	-
Benzo(g,h,i)perylene	µg/kg	$100,000$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	18,000	-	-	35,000	7,700	-	13,000	700	-	-	31,000	-
Benzo(k)fluoranthene	µg/kg	800_n[A] $3,900$[B] $1,700$[C]	n/v	n/v	-	**14,000**[ABC]	-	-	**31,000**[ABC]	**6,600 F1**[ABC]	-	**11,000**[ABC]	600	-	-	**25,000**[ABC]	-
Chrysene	µg/kg	$1,000_n$[A] $3,900$[B] $1,000_g$[C]	n/v	n/v	-	**33,000**[ABC]	-	-	**63,000**[ABC]	**14,000**[ABC]	-	**23,000**[ABC]	**1,100**[AC]	-	-	**49,000**[ABC]	-
Dibenzo(a,h)anthracene	µg/kg	330_m[A] 330_f[B] $1,000,000_d$[C]	n/v	n/v	-	**5,300**[AB]	-	-	**11,000**[AB]	3,900 U F1	-	**4,100**[AB]	200 U	-	-	**9,000**[AB]	-
Fluoranthene	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	99,000	-	**200,000**[AB]	-	41,000	-	73,000	3,500	-	**150,000**[AB]	-	-
Fluorene	µg/kg	$30,000$[A] $100,000_b$[B] $386,000$[C]	n/v	n/v	-	9,900	-	-	17,000	6,800 F1	-	14,000	770	-	-	25,000	-
Indeno(1,2,3-cd)pyrene	µg/kg	500_n[A] 500_g[B] $8,200$[C]	n/v	n/v	-	**17,000**[ABC]	-	-	**34,000**[ABC]	**7,200 F2 F1**[AB]	-	**13,000**[ABC]	**650**[AB]	-	-	**29,000**[ABC]	-
Naphthalene	µg/kg	$12,000$[AC] $100,000_b$[B]	n/v	n/v	-	5,400	-	-	5,200	3,900 U	-	3,800 U	1,800	-	-	3,800 U	-
Phenanthrene	µg/kg	$100,000$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	**140,000**[AB]	-	-	**270,000**[AB]	-	52,000	-	100,000	4,300	-	**200,000**[AB]	-	-
Pyrene	µg/kg	$100,000$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	77,000	-	**140,000**[AB]	-	31,000	-	57,000	2,700	-	-	**110,000**[AB]	-
Semi-Volatile Organic Compounds																	
Acetophenone	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Atrazine	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Benzaldehyde	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	3,800 U	-	-	3,800 U	3,900 U F1	-	3,800 U	200 U	-	-	3,800 U	-
Biphenyl	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	3,800 U	-	-	3,800 U	3,900 U F1	-	3,800 U	200 U	-	-	3,800	-
Bis(2-Chloroethoxy)methane	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Bis(2-Chloroethyl)ether	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	$435,000$[E]	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Bromophenyl Phenyl Ether, 4-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Butyl Benzyl Phthalate	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	$122,000$[E]	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Caprolactam	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Carbazole	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	17,000	-	-	33,000	6,400 F1	-	13,000	620	-	-	27,000	-
Chloro-3-methyl phenol, 4-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Chloroaniline, 4-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	220[E]	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Chloronaphthalene, 2-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	7,400 U	-	-	7,300 U	7,500 U	-	7,400 U	380 U	-	-	7,400 U	-
Chlorophenyl Phenyl Ether, 4-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Cresol, o- (Methylphenol, 2-)	µg/kg	330_m[A] $100,000_b$[B] 330_f[C]	n/v	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Cresol, p- (Methylphenol, 4-)	µg/kg	330_m[A] $100,000_b$[B] 330_f[C]	n/v	n/v	-	7,400 U	-	-	7,300 U	7,500 U	-	7,400 U	380 U	-	-	7,400 U	-
Dibenzofuran	µg/kg	$7,000$[A] $59,000$[B] $210,000$[C]	$6,200$[E]	n/v	-	**18,000**[AE]	-	-	**35,000**[AE]	**8,000**[AE]	-	**16,000**[AE]	780	-	-	**36,000**[AE]	-
Dibutyl Phthalate (DBP)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	$8,100$[E]	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Dichlorobenzidine, 3,3'-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	7,400 U	-	-	7,300 U	7,500 U	-	7,400 U	380 U	-	-	7,400 U	-
Dichlorophenol, 2,4-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	400[E]	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Diethyl Phthalate	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	$7,100$[E]	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Dimethyl Phthalate	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	$27,000$[E]	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Dimethylphenol, 2,4-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Dinitro-o-cresol, 4,6-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	7,400 U	-	-	7,300 U	7,500 U	-	7,400 U	380 U	-	-	7,400 U	-
Dinitrophenol, 2,4-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	200[E]	n/v	-	37,000 U	-	-	37,000 U	38,000 U	-	37,000 U	1,900 U	-	-	37,000 U	-
Dinitrotoluene, 2,4-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	3,800 U	-	-	3,800 U	3,900 U F1	-	3,800 U	200 U	-	-	3,800 U	-
Dinitrotoluene, 2,6-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	$1,000/170_{b,\pm1}$[E]	n/v	-	3,800 U	-	-	3,800 U	3,900 U F2 F1	-	3,800 U	200 U	-	-	3,800 U	-
Di-n-Octyl phthalate	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	$120,000$[E]	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Hexachlorobenzene	µg/kg	330_m[A] $1,200$[B] $3,200$[C]	$1,400$[E]	n/v	-	3,800 U	-	-	3,800 U	3,900 U F2	-	3,800 U	200 U	-	-	3,800 U	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Hexachlorocyclopentadiene	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Hexachloroethane	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Isophorone	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	$4,400$[E]	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Methylnaphthalene, 2-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	$36,400$[E]	n/v	-	3,800 U	-	-	3,800	3,900 U F1	-	3,800 U	630	-	-	7,000	-
Nitroaniline, 2-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	400[E]	n/v	-	7,400 U	-	-	7,300 U	7,500 U	-	7,400 U	380 U	-	-	7,400 U	-
Nitroaniline, 3-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	500[E]	n/v	-	7,400 U	-	-	7,300 U	7,500 U	-	7,400 U	380 U	-	-	7,400 U	-
Nitroaniline, 4-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	7,400 U	-	-	7,300 U	7,500 U	-	7,400 U	380 U	-	-	7,400 U	-
Nitrobenzene	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	$15,000$[D] 170_b[E]	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Nitrophenol, 2-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	300[E]	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Nitrophenol, 4-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	100[E]	n/v	-	7,400 U	-	-	7,300 U	7,500 U F1	-	7,400 U	380 U	-	-	7,400 U	-
N-Nitrosodi-n-Propylamine	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-

Table 14
Pre-Waste Characterization Soil Composite Analytical Results
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #828206

Sample Location					CNL-WC-ANNEXA3-UF					CNL-WC-ANNEXA1-OB			CNL-WC-ANNEXA2-OB		CNL-WC-ANNEXA3-OB		
Sample Date					9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22
Sample ID					CNL-WC-ANNEX3-UF-S	CNL-WC-ANNEX3-UF-S	CNL-WC-ANNEXA3-UF-S	CNL-WC-DUP1-UF-S	CNL-WC-DUP1-UF-S	CNL-WC-ANNEXA1-OB-S	CNL-WC-ANNEXA1-OB-S	CNL-WC-DUP1-OB-S	CNL-WC-ANNEXA2-OB-S	CNL-WC-ANNEXA2-OB-S	CNL-WC-ANNEXA3-OB-S	CNL-WC-ANNEXA3-OB-S	CNL-WC-ANNEXA3-OB-S
Sample Depth					0.8 - 6 ft	0.8 - 6 ft	0.8 - 6 ft	0.8 - 6 ft	0.8 - 6 ft	0.4 - 3.7 ft	0.4 - 3.7 ft	0.4 - 3.7 ft	2.25 - 4.7 ft	2.25 - 4.7 ft	3 - 6 ft	3 - 6 ft	3 - 6 ft
Sampling Company					STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory					ERF	ERF	PARAROCH	ERF	ERF	ERF	PARAROCH	ERF	ERF	PARAROCH	ERF	ERF	PARAROCH
Laboratory Work Order					480-204675-1	480-204675-1	9564-22	480-204675-1	480-204675-1	480-204675-1	9564-22	480-204675-1	480-204675-1	9564-22	480-204675-1	480-204675-1	9564-22
Laboratory Sample ID					480-204675-1	480-204675-1	84370	480-204675-2	480-204675-2	480-204675-3	84371	480-204675-4	480-204675-5	84368	480-204675-6	480-204675-6	84369
Sample Type					Dilution	Initial	INITIAL	Field Duplicate Dilution	Field Duplicate Initial	Initial	INITIAL	Field Duplicate Initial	Initial	INITIAL	Dilution	Initial	INITIAL
	Units	NYSDEC-Part 375	NYSDEC CP-51	NYSDEC													
n-Nitrosodiphenylamine	µg/kg	$100{,}000_a$[A] $100{,}000_b$[B] $1{,}000{,}000_d$[C]	n/v	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Pentachlorophenol	µg/kg	800_m[A] 6,700[B] 800_t[C]	n/v	n/v	-	7,400 U	-	-	7,300 U	7,500 U	-	7,400 U	380 U	-	-	7,400 U	-
Phenol	µg/kg	330_m[A] $100{,}000_b$[B] 330_t[C]	n/v	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Trichlorophenol, 2,4,5-	µg/kg	$100{,}000_a$[A] $100{,}000_b$[B] $1{,}000{,}000_d$[C]	100[E]	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Trichlorophenol, 2,4,6-	µg/kg	$100{,}000_a$[A] $100{,}000_b$[B] $1{,}000{,}000_d$[C]	n/v	n/v	-	3,800 U	-	-	3,800 U	3,900 U	-	3,800 U	200 U	-	-	3,800 U	-
Cresol, m- (Methylphenol, 3-)	µg/kg	330_m[A] $100{,}000_b$[B] 330_t[C]	n/v	n/v	-	7,400 U	-	-	7,300 U	7,500 U F1	-	7,400 U	380 U	-	-	7,400 U	-
SVOC TICs																	
Total SVOC TICs	µg/kg	n/v	n/v	n/v	38,000 TJN	126,200 TJN	-	206,000 TJN	199,200 TJN	68,900 TJN	-	151,400 TJN	10,690 TJN	-	130,000 TJN	251,500 TJN	-

See notes on last page.

Table 14
Pre-Waste Characterization Soil Composite Analytical Results
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #828206

Sample Location					CNL-WC-ANNEXA3-UF					CNL-WC-ANNEXA1-OB			CNL-WC-ANNEXA2-OB		CNL-WC-ANNEXA3-OB		
Sample Date					9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22	9-Dec-22
Sample ID					CNL-WC-ANNEX3-UF-S	CNL-WC-ANNEX3-UF-S	CNL-WC-ANNEXA3-UF-S	CNL-WC-DUP1-UF-S	CNL-WC-DUP1-UF-S	CNL-WC-ANNEXA1-OB-S	CNL-WC-ANNEXA1-OB-S	CNL-WC-DUP1-OB-S	CNL-WC-ANNEXA2-OB-S	CNL-WC-ANNEXA2-OB-S	CNL-WC-ANNEXA3-OB-S	CNL-WC-ANNEXA3-OB-S	CNL-WC-ANNEXA3-OB-S
Sample Depth					0.8 - 6 ft	0.8 - 6 ft	0.8 - 6 ft	0.8 - 6 ft	0.8 - 6 ft	0.4 - 3.7 ft	0.4 - 3.7 ft	0.4 - 3.7 ft	2.25 - 4.7 ft	2.25 - 4.7 ft	3 - 6 ft	3 - 6 ft	3 - 6 ft
Sampling Company					STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory					ERF	ERF	PARAROCH	ERF	ERF	ERF	PARAROCH	ERF	ERF	PARAROCH	ERF	ERF	PARAROCH
Laboratory Work Order					480-204675-1	480-204675-1	9564-22	480-204675-1	480-204675-1	480-204675-1	9564-22	480-204675-1	480-204675-1	9564-22	480-204675-1	480-204675-1	9564-22
Laboratory Sample ID					480-204675-1	480-204675-1	84370	480-204675-2	480-204675-2	480-204675-3	84371	480-204675-4	480-204675-5	84368	480-204675-6	480-204675-6	84369
Sample Type					Dilution	Initial	INITIAL	Field Duplicate Dilution	Field Duplicate Initial	Initial	INITIAL	Field Duplicate Initial	Initial	INITIAL	Dilution	Initial	INITIAL
	Units	NYSDEC-Part 375	NYSDEC CP-51	NYSDEC													
Volatile Organic Compounds																	
Acetone	µg/kg	50[AC] 100,000[B]	n/v	n/v	-	-	-	-	-	-	-	580 U *+	-	-	-	-	-
Benzene	µg/kg	60[AC] 4,800[B]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Bromodichloromethane	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Bromoform (Tribromomethane)	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Butylbenzene, n-	µg/kg	12,000[AC] 100,000[b,B]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11,000[AC] 100,000[b,B]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Butylbenzene, tert-	µg/kg	5,900[AC] 100,000[b,B]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Carbon Disulfide	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	2,700[E]	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760[AC] 2,400[B]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Chlorobenzene (Monochlorobenzene)	µg/kg	1,100[AC] 100,000[b,B]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Chloroethane (Ethyl Chloride)	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	1,900[E]	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	370[AC] 49,000[B]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Chloromethane	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Cyclohexane	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Dibromochloromethane	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Dichlorobenzene, 1,2-	µg/kg	1,100[AC] 100,000[b,B]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Dichlorobenzene, 1,3-	µg/kg	2,400[AC] 49,000[B]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Dichlorobenzene, 1,4-	µg/kg	1,800[AC] 13,000[B]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Dichlorodifluoromethane (Freon 12)	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Dichloroethane, 1,1-	µg/kg	270[AC] 26,000[B]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Dichloroethane, 1,2-	µg/kg	20[a,A] 3,100[B] 20[b,C]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Dichloroethene, 1,1-	µg/kg	330[AC] 100,000[b,B]	n/v	n/v	-	-	-	-	-	-	-	120 U *+	-	-	-	-	-
Dichloroethene, cis-1,2-	µg/kg	250[AC] 100,000[b,B]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Dichloroethene, trans-1,2-	µg/kg	190[AC] 100,000[b,B]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Dichloropropane, 1,2-	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Dichloropropene, cis-1,3-	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Dichloropropene, trans-1,3-	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Ethylbenzene	µg/kg	1,000[AC] 41,000[B]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	n/v	-	-	-	-	-	-	-	580 U	-	-	-	-	-
Isopropylbenzene	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	2,300[E]	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Isopropyltoluene, p- (Cymene)	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	10,000[E]	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Methyl Acetate	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	n/v	-	-	-	-	-	-	-	580 U	-	-	-	-	-
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	120[AC] 100,000[b,B]	300[E]	n/v	-	-	-	-	-	-	-	580 U	-	-	-	-	-
Methyl Isobutyl Ketone (MIBK)	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	1,000[E]	n/v	-	-	-	-	-	-	-	580 U	-	-	-	-	-
Methyl tert-butyl ether (MTBE)	µg/kg	930[AC] 100,000[b,B]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Methylcyclohexane	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	n/v	-	-	-	-	-	-	-	120	-	-	-	-	-
Methylene Chloride (Dichloromethane)	µg/kg	50[AC] 100,000[b,B]	n/v	n/v	-	-	-	-	-	-	-	120 U *+	-	-	-	-	-
Naphthalene	µg/kg	12,000[AC] 100,000[b,B]	n/v	n/v	-	-	-	-	-	-	-	550	-	-	-	-	-
Propylbenzene, n-	µg/kg	3,900[AC] 100,000[b,B]	n/v	n/v	-	-	-	-	-	-	-	130	-	-	-	-	-
Styrene	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Tetrachloroethane, 1,1,2,2-	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	600[E]	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Tetrachloroethene (PCE)	µg/kg	1,300[AC] 19,000[B]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Toluene	µg/kg	700[AC] 100,000[b,B]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Trichlorobenzene, 1,2,4-	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	3,400[E]	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Trichloroethane, 1,1,1-	µg/kg	680[AC] 100,000[b,B]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Trichloroethane, 1,1,2-	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Trichloroethene (TCE)	µg/kg	470[AC] 21,000[B]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Trichlorofluoromethane (Freon 11)	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Trichlorotrifluoroethane (Freon 113)	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	6,000[E]	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Trimethylbenzene, 1,2,4-	µg/kg	3,600[AC] 52,000[B]	n/v	n/v	-	-	-	-	-	-	-	1,500	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/kg	8,400[AC] 52,000[B]	n/v	n/v	-	-	-	-	-	-	-	850	-	-	-	-	-
Vinyl Chloride	µg/kg	20[AC] 900[B]	n/v	n/v	-	-	-	-	-	-	-	120 U	-	-	-	-	-
Xylenes, Total	µg/kg	260[A] 100,000[b,B] 1,600[C]	n/v	n/v	-	-	-	-	-	-	-	**910[A]**	-	-	-	-	-
VOC TICs																	
Total VOC TICs	µg/kg	n/v	n/v	n/v	-	-	-	-	-	-	-	18,000 TJN	-	-	-	-	-

See notes on last page.

Table 15
Pre-Waste Characterization Soil Composite Analytical Results
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #828206

Sample Location					CNL-WC-CY1-OB			CNL-WC-CY2-OB		CNL-WC-CY7-OB		CNL-WC-CY8-OB	
Sample Date					13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22
Sample ID					CNL-WC-CY1-OB-S	CNL-WC-CY1-OB-S	CNL-DUP2-OB-S	CNL-WC-CY2-OB-S	CNL-WC-CY2-OB-S	CNL-WC-CY7-OB-S	CNL-WC-CY7-OB-S	CNL-WC-CY8-OB-S	CNL-WC-CY8-OB-S
Sample Depth					1.8 - 3.5 ft	1.8 - 3.5 ft	1.8 - 3.5 ft	1.5 - 3.4 ft	1.5 - 3.4 ft	5.5 ft	5.5 ft	2 - 5.5 ft	2 - 5.5 ft
Sampling Company					STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory					ERF	PARAROCH	ERF	ERF	PARAROCH	ERF	PARAROCH	ERF	PARAROCH
Laboratory Work Order					480-204742-1	9564-22	480-204742-1	480-204742-1	9564-22	480-204742-1	9564-22	480-204742-1	9564-22
Laboratory Sample ID					480-204742-34	84378	480-204742-35	480-204742-38	84379	480-204742-37	84380	480-204742-36	84381
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51	NYSDEC			Field Duplicate						
General Chemistry													
Cyanide	mg/kg	27_{n}^{AB} 40^{C}	n/v	n/v	1.1 U	-	1.1 U	1.1 U F1 F2	-	0.97 U	-	0.99 U	-
Cyanide (Reactive)	mg/kg	n/v	n/v	n/v	9.4 U	-	9.7 U	9.3 U	-	9.6 U	-	9.6 U	-
Flashpoint	deg F	n/v	n/v	n/v	50.0 U	-	50.0 U	50.0 U	-	50.0 U	-	50.0 U	-
pH, lab	S.U.	n/v	n/v	n/v	8.1 HF	-	8.2 HF	7.6 HF	-	7.7 HF	-	7.9 HF	-
Sulfate	mg/kg	n/v	n/v	n/v	40.1	-	44.7	53.2	-	72.3	-	68.4	-
Sulfide (Reactive)	mg/kg	n/v	n/v	n/v	9.4 U	-	9.7 U	9.3 U	-	9.6 U	-	9.6 U	-
Temperature, Lab	deg C	n/v	n/v	n/v	18.9 HF	-	18.9 HF	19.0 HF	-	18.9 HF	-	18.8 HF	-
Metals													
Aluminum	mg/kg	$10{,}000_{a}^{ABC}$	$10{,}000_{a}^{E}$	n/v	9,320	-	**11,500**^{ABCE}	**10,600**^{ABCE}	-	**11,700**^{ABCE}	-	**10,200**^{ABCE}	-
Antimony	mg/kg	$10{,}000_{a}^{ABC}$	$10{,}000_{a}^{E}$	n/v	16.3 U	-	18.3 U	17.5 U F1	-	17.5 U	-	17.0 U	-
Arsenic	mg/kg	13_{n}^{A} 16_{a}^{BC}	n/v	n/v	4.3	-	4.1	2.8	-	4.8	-	3.7	-
Barium	mg/kg	350_{n}^{A} 400^{B} 820^{C}	n/v	n/v	35.4	-	48.3	39.9 F1	-	46.9	-	39.2	-
Beryllium	mg/kg	7.2^{A} 72^{B} 47^{C}	n/v	n/v	0.38	-	0.49	0.37	-	0.55	-	0.44	-
Cadmium	mg/kg	2.5_{n}^{A} 4.3^{B} 7.5^{C}	n/v	n/v	0.22 U	-	0.24 U	0.23 U	-	0.23 U	-	0.23 U	-
Calcium	mg/kg	$10{,}000_{a}^{ABC}$	$10{,}000_{a}^{E}$	n/v	**10,700**^{ABCE}	-	7,970	2,270 F1 F2	-	1,170	-	2,040	-
Chromium	mg/kg	$30_{n,i}^{A}$ $180_{NS,a}^{B}$ ^{C}	n/v	n/v	10.6	-	13.1	11.4	-	13.0	-	11.7	-
Cobalt	mg/kg	$10{,}000_{a}^{ABC}$	$10{,}000_{a}^{E}$	n/v	5.1	-	6.1	4.3	-	6.2	-	4.3	-
Copper	mg/kg	50^{A} 270^{B} $1{,}720^{C}$	n/v	n/v	8.3	-	13.5	9.2	-	13.0	-	13.1	-
Iron	mg/kg	$10{,}000_{a}^{ABC}$	$10{,}000_{a}^{E}$	n/v	**14,600**^{ABCE}	-	**17,100**^{ABCE}	**12,500**^{ABCE}	-	**17,000**^{ABCE}	-	**15,200**^{ABCE}	-
Lead	mg/kg	63_{n}^{A} 400^{B} 450^{C}	n/v	n/v	7.7	-	12.4	26.1 F1	-	9.5	-	20.4	-
Magnesium	mg/kg	$10{,}000_{a}^{ABC}$	n/v	n/v	3,230	-	3,260	2,090 F1	-	2,440	-	1,960	-
Manganese	mg/kg	$1{,}600_{n}^{A}$ $2{,}000_{a}^{BC}$	n/v	n/v	330	-	405	507	-	467	-	257	-
Mercury	mg/kg	0.18_{n}^{A} 0.81_{a}^{B} 0.73^{C}	n/v	n/v	0.019 U	-	0.029	0.093 F1 F2	-	0.023 U	-	0.050	-
Nickel	mg/kg	30^{A} 310^{B} 130^{C}	n/v	n/v	11.9	-	11.5	9.4	-	13.8	-	10	-
Potassium	mg/kg	$10{,}000_{a}^{ABC}$	n/v	n/v	1,520	-	2,020	1,540 F1	-	2,090	-	1,870	-
Selenium	mg/kg	3.9_{n}^{A} 180^{B} 4_{a}^{C}	n/v	n/v	4.4 U	-	4.9 U	4.7 U	-	4.7 U	-	4.5 U	-
Silver	mg/kg	2^{A} 180^{B} 8.3^{C}	n/v	n/v	0.65 U	-	0.73 U	0.70 U	-	0.70 U	-	0.68 U	-
Sodium	mg/kg	$10{,}000_{a}^{ABC}$	n/v	n/v	397	-	519	283	-	164 U	-	159 U	-
Sulfur	mg/kg	n/v	n/v	n/v	-	-	-	46.4	-	-	-	41.0 U	-
Thallium	mg/kg	$10{,}000_{a}^{ABC}$	$10{,}000_{a}^{E}$	n/v	6.5 U	-	7.3 U	7.0 U	-	7.0 U	-	6.8 U	-
Vanadium	mg/kg	$10{,}000_{a}^{ABC}$	$10{,}000_{a}^{E}$	n/v	15.5	-	23.7	19.3	-	22.6	-	20.3	-
Zinc	mg/kg	109_{n}^{A} $10{,}000_{a}^{B}$ $2{,}480^{C}$	n/v	n/v	19.1	-	27.8	33.4	-	28.0	-	27.1	-
Metals - TCLP													
Lead	mg/L	n/v	n/v	5.0^{F}	0.020 U	-	0.020 U	0.020 U	-	0.020 U	-	0.020 U	-
Polychlorinated Biphenyls													
Aroclor 1016	mg/kg	$_{o}^{ABC}$	n/v	n/v	0.19 U	-	0.25 U	0.26 U	-	0.24 U	-	0.20 U	-
Aroclor 1221	mg/kg	$_{o}^{ABC}$	n/v	n/v	0.19 U	-	0.25 U	0.26 U	-	0.24 U	-	0.20 U	-
Aroclor 1232	mg/kg	$_{o}^{ABC}$	n/v	n/v	0.19 U	-	0.25 U	0.26 U	-	0.24 U	-	0.20 U	-
Aroclor 1242	mg/kg	$_{o}^{ABC}$	n/v	n/v	0.19 U	-	0.25 U	0.26 U	-	0.24 U	-	0.20 U	-
Aroclor 1248	mg/kg	$_{o}^{ABC}$	n/v	n/v	0.19 U	-	0.25 U	0.26 U	-	0.24 U	-	0.20 U	-
Aroclor 1254	mg/kg	$_{o}^{ABC}$	n/v	n/v	0.19 U	-	0.25 U	0.26 U	-	0.24 U	-	0.20 U	-
Aroclor 1260	mg/kg	$_{o}^{ABC}$	n/v	n/v	0.19 U	-	0.25 U	0.26 U	-	0.24 U	-	0.20 U	-
Polychlorinated Biphenyls (PCBs)	mg/kg	0.1^{A} 1^{B} 3.2^{C}	n/v	n/v	ND	-	ND	ND	-	ND	-	ND	-
Pesticides													
2,4,5-TP (Silvex)	µg/kg	$3{,}800^{AC}$ $100{,}000_{b}^{B}$	n/v	n/v	16 U	-	17 U	17 U	-	17 U	-	16 U	-
Aldrin	µg/kg	5_{n}^{A} 97^{B} 190^{C}	n/v	n/v	1.8 U	-	1.9 U	1.9 U	-	1.9 U	-	1.8 U	-
BHC, alpha-	µg/kg	20^{AC} 480^{B}	n/v	n/v	1.8 U	-	1.9 U	1.9 U	-	1.9 U	-	1.8 U	-
BHC, beta-	µg/kg	36^{A} 360^{B} 90^{C}	n/v	n/v	1.8 U	-	1.9 U	1.9 U	-	1.9 U	-	1.8 U	-
BHC, delta-	µg/kg	40_{n}^{A} $100{,}000_{b}^{B}$ 250^{C}	n/v	n/v	1.8 U	-	1.9 U	1.9 U	-	1.9 U	-	1.8 U	-
Camphechlor (Toxaphene)	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	n/v	18 U	-	19 U	19 U	-	19 U	-	18 U	-
Chlordane, alpha-	µg/kg	94^{A} $4{,}200^{B}$ $2{,}900^{C}$	n/v	n/v	1.8 U	-	1.9 U	1.9 U	-	1.9 U	-	1.8 U	-
Chlordane, trans- (gamma-Chlordane)	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	n/v	1.8 U	-	1.9 U	1.9 U	-	1.9 U	-	1.8 U	-
DDD (p,p'-DDD)	µg/kg	3.3_{m}^{A} $13{,}000^{B}$ $14{,}000^{C}$	n/v	n/v	1.8 U	-	1.9 U	1.9 U	-	1.9 U	-	1.8 U	-
DDE (p,p'-DDE)	µg/kg	3.3_{m}^{A} $8{,}900^{B}$ $17{,}000^{C}$	n/v	n/v	1.8 U	-	1.9 U	1.9 U	-	1.9 U	-	1.8 U	-
DDT (p,p'-DDT)	µg/kg	3.3_{m}^{A} $7{,}900^{B}$ $136{,}000^{C}$	n/v	n/v	1.8 U	-	1.9 U	1.9 U	-	1.9 U	-	1.8 U	-
Dichlorophenoxy acetic acid, 2,4- (2,4-D)	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	500^{E}	n/v	16 U	-	17 U	17 U	-	17 U	-	16 U	-
Dieldrin	µg/kg	5_{n}^{A} 200^{B} 100^{C}	n/v	n/v	1.8 U	-	1.9 U	1.9 U	-	1.9 U	-	1.8 U	-
Endosulfan I	µg/kg	$2{,}400_{i}^{A}$ $24{,}000^{B}$ $102{,}000^{C}$	n/v	n/v	1.8 U	-	1.9 U	1.9 U	-	1.9 U	-	1.8 U	-
Endosulfan II	µg/kg	$2{,}400_{i}^{A}$ $24{,}000^{B}$ $102{,}000^{C}$	n/v	n/v	1.8 U	-	1.9 U	1.9 U	-	1.9 U	-	1.8 U	-
Endosulfan Sulfate	µg/kg	$2{,}400_{i}^{A}$ $24{,}000^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	n/v	1.8 U	-	1.9 U	1.9 U	-	1.9 U	-	1.8 U	-
Endrin	µg/kg	14^{A} $11{,}000^{B}$ 60^{C}	n/v	n/v	1.8 U	-	1.9 U	1.9 U	-	1.9 U	-	1.8 U	-
Endrin Aldehyde	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	n/v	1.8 U	-	1.9 U	1.9 U	-	1.9 U	-	1.8 U	-
Endrin Ketone	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	n/v	1.8 U	-	1.9 U	1.9 U	-	1.9 U	-	1.8 U	-
Heptachlor	µg/kg	42^{A} $2{,}100^{B}$ 380^{C}	n/v	n/v	1.8 U	-	1.9 U	1.9 U	-	1.9 U	-	1.8 U	-
Heptachlor Epoxide	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	20^{E}	n/v	1.8 U	-	1.9 U	1.9 U	-	1.9 U	-	1.8 U	-

Table 15
Pre-Waste Characterization Soil Composite Analytical Results
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #828206

Sample Location					CNL-WC-CY1-OB			CNL-WC-CY2-OB		CNL-WC-CY7-OB		CNL-WC-CY8-OB	
Sample Date					13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22
Sample ID					CNL-WC-CY1-OB-S	CNL-WC-CY1-OB-S	CNL-DUP2-OB-S	CNL-WC-CY2-OB-S	CNL-WC-CY2-OB-S	CNL-WC-CY7-OB-S	CNL-WC-CY7-OB-S	CNL-WC-CY8-OB-S	CNL-WC-CY8-OB-S
Sample Depth					1.8 - 3.5 ft	1.8 - 3.5 ft	1.8 - 3.5 ft	1.5 - 3.4 ft	1.5 - 3.4 ft	5.5 ft	5.5 ft	2 - 5.5 ft	2 - 5.5 ft
Sampling Company					STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory					ERF	PARAROCH	ERF	ERF	PARAROCH	ERF	PARAROCH	ERF	PARAROCH
Laboratory Work Order					480-204742-1	9564-22	480-204742-1	480-204742-1	9564-22	480-204742-1	9564-22	480-204742-1	9564-22
Laboratory Sample ID					480-204742-34	84378	480-204742-35	480-204742-38	84379	480-204742-37	84380	480-204742-36	84381
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51	NYSDEC			Field Duplicate						
Lindane (Hexachlorocyclohexane, gamma)	µg/kg	100[AC] 1,300[B]	n/v	n/v	1.8 U	-	1.9 U	1.9 U	-	1.9 U	-	1.8 U	-
Methoxychlor (4,4'-Methoxychlor)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	900,000[E]	n/v	1.8 U	-	1.9 U	1.9 U	-	1.9 U	-	1.8 U	-
Trichlorophenoxy acetic acid, 2,4,5- (2,4,5-T)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	1,900[E]	n/v	16 U	-	17 U	17 U	-	17 U	-	16 U	-
Asbestos													
PLM Asbestos Fibers Type/Percentage	%	n/v	n/v	n/v	-	ND	-	-	ND	-	ND	-	ND
PLM Total Asbestos	%	n/v	n/v	n/v	-	0	-	-	0	-	0	-	0
TEM Asbestos Fibers Type/Percentage	%	n/v	n/v	n/v	-	NR	-	-	NR	-	NR	-	NR
TEM Total Asbestos	%	n/v	n/v	n/v	-	N/A	-	-	N/A	-	N/A	-	N/A
PLM Non-Asbestos Fibers Type/Percentage	%	n/v	n/v	n/v	-	ND	-	-	ND	-	ND	-	ND
Non-Fibrous Matrix Material	%	n/v	n/v	n/v	-	100	-	-	100	-	100	-	100

See notes on last page.

Table 15
Pre-Waste Characterization Soil Composite Analytical Results
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #828206

Sample Location					CNL-WC-CY1-OB			CNL-WC-CY2-OB		CNL-WC-CY7-OB		CNL-WC-CY8-OB	
Sample Date					13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22
Sample ID					CNL-WC-CY1-OB-S	CNL-WC-CY1-OB-S	CNL-DUP2-OB-S	CNL-WC-CY2-OB-S	CNL-WC-CY2-OB-S	CNL-WC-CY7-OB-S	CNL-WC-CY7-OB-S	CNL-WC-CY8-OB-S	CNL-WC-CY8-OB-S
Sample Depth					1.8 - 3.5 ft	1.8 - 3.5 ft	1.8 - 3.5 ft	1.5 - 3.4 ft	1.5 - 3.4 ft	5.5 ft	5.5 ft	2 - 5.5 ft	2 - 5.5 ft
Sampling Company					STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory					ERF	PARAROCH	ERF	ERF	PARAROCH	ERF	PARAROCH	ERF	PARAROCH
Laboratory Work Order					480-204742-1	9564-22	480-204742-1	480-204742-1	9564-22	480-204742-1	9564-22	480-204742-1	9564-22
Laboratory Sample ID					480-204742-34	84378	480-204742-35	480-204742-38	84379	480-204742-37	84380	480-204742-36	84381
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51	NYSDEC			Field Duplicate						
1,4-Dioxane													
Dioxane, 1,4-	µg/kg	100_m[A] 13,000[B] 100_l[C]	n/v	n/v	110 U	-	120 U	110 U	-	110 U	-	110 U	-
Polycyclic Aromatic Hydrocarbons													
Acenaphthene	µg/kg	20,000[A] $100,000_b$[B] 98,000[C]	n/v	n/v	180 U	-	200 U	190 U	-	190 U	-	190 U	-
Acenaphthylene	µg/kg	$100,000_a$[A] $100,000_b$[B] 107,000[C]	n/v	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Anthracene	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Benzo(a)anthracene	µg/kg	$1,000_n$[A] $1,000_g$[BC]	n/v	n/v	180 U	-	200 U	190 U F1 F2	-	190 U	-	190 U	-
Benzo(a)pyrene	µg/kg	$1,000_n$[A] $1,000_g$[B] 22,000[C]	n/v	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Benzo(b)fluoranthene	µg/kg	$1,000_n$[A] $1,000_g$[B] 1,700[C]	n/v	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Benzo(g,h,i)perylene	µg/kg	100,000[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Benzo(k)fluoranthene	µg/kg	800_n[A] 3,900[B] 1,700[C]	n/v	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Chrysene	µg/kg	$1,000_n$[A] 3,900[B] $1,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Dibenzo(a,h)anthracene	µg/kg	330_m[A] 330_l[B] $1,000,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Fluoranthene	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U	-	190 U	-	190 U	-
Fluorene	µg/kg	30,000[A] $100,000_b$[B] 386,000[C]	n/v	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Indeno(1,2,3-cd)pyrene	µg/kg	500_n[A] 500_g[B] 8,200[C]	n/v	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Naphthalene	µg/kg	12,000[AC] $100,000_b$[B]	n/v	n/v	180 U	-	200 U	190 U	-	190 U	-	190 U	-
Phenanthrene	µg/kg	100,000[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Pyrene	µg/kg	100,000[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Semi-Volatile Organic Compounds													
Acetophenone	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Atrazine	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Benzaldehyde	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Biphenyl	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Bis(2-Chloroethoxy)methane	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Bis(2-Chloroethyl)ether	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U	-	190 U	-	190 U	-
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U	-	190 U	-	190 U	-
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	435,000[E]	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Bromophenyl Phenyl Ether, 4-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Butyl Benzyl Phthalate	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	122,000[E]	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Caprolactam	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Carbazole	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Chloro-3-methyl phenol, 4-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Chloroaniline, 4-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	220[E]	n/v	180 U	-	200 U	190 U	-	190 U	-	190 U	-
Chloronaphthalene, 2-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	350 U	-	390 U	370 U	-	370 U	-	360 U	-
Chlorophenyl Phenyl Ether, 4-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Cresol, o- (Methylphenol, 2-)	µg/kg	330_m[A] $100,000_b$[B] 330_l[C]	n/v	n/v	180 U	-	200 U	190 U	-	190 U	-	190 U	-
Cresol, p- (Methylphenol, 4-)	µg/kg	330_m[A] $100,000_b$[B] 330_l[C]	n/v	n/v	350 U	-	390 U	370 U	-	370 U	-	360 U	-
Dibenzofuran	µg/kg	7,000[A] 59,000[B] 210,000[C]	6,200[E]	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Dibutyl Phthalate (DBP)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	8,100[E]	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Dichlorobenzidine, 3,3'-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	350 U	-	390 U	370 U	-	370 U	-	360 U	-
Dichlorophenol, 2,4-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	400[E]	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Diethyl Phthalate	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	7,100[E]	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Dimethyl Phthalate	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	27,000[E]	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Dimethylphenol, 2,4-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U	-	190 U	-	190 U	-
Dinitro-o-cresol, 4,6-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	350 U	-	390 U	370 U F2	-	370 U	-	360 U	-
Dinitrophenol, 2,4-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	200[E]	n/v	1,800 U	-	1,900 U	1,900 U F2	-	1,900 U	-	1,800 U	-
Dinitrotoluene, 2,4-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Dinitrotoluene, 2,6-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	$1,000/170_{b,s1}$[E]	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Di-n-Octyl phthalate	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	120,000[E]	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Hexachlorobenzene	µg/kg	330_m[A] 1,200[B] 3,200[C]	1,400[E]	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U	-	190 U	-	190 U	-
Hexachlorocyclopentadiene	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U	-	190 U	-	190 U	-
Hexachloroethane	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U	-	190 U	-	190 U	-
Isophorone	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	4,400[E]	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Methylnaphthalene, 2-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	36,400[E]	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Nitroaniline, 2-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	400[E]	n/v	350 U	-	390 U	370 U F2	-	370 U	-	360 U	-
Nitroaniline, 3-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	500[E]	n/v	350 U	-	390 U	370 U	-	370 U	-	360 U	-
Nitroaniline, 4-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	350 U	-	390 U	370 U	-	370 U	-	360 U	-
Nitrobenzene	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	15,000[D] 170_b[E]	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Nitrophenol, 2-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	300[E]	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Nitrophenol, 4-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	100[E]	n/v	350 U	-	390 U	370 U	-	370 U	-	360 U	-
N-Nitrosodi-n-Propylamine	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U	-	190 U	-	190 U	-
n-Nitrosodiphenylamine	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_g$[C]	n/v	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-

Table 15
Pre-Waste Characterization Soil Composite Analytical Results
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #828206

Sample Location					CNL-WC-CY1-OB			CNL-WC-CY2-OB		CNL-WC-CY7-OB		CNL-WC-CY8-OB	
Sample Date					13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22
Sample ID					CNL-WC-CY1-OB-S	CNL-WC-CY1-OB-S	CNL-DUP2-OB-S	CNL-WC-CY2-OB-S	CNL-WC-CY2-OB-S	CNL-WC-CY7-OB-S	CNL-WC-CY7-OB-S	CNL-WC-CY8-OB-S	CNL-WC-CY8-OB-S
Sample Depth					1.8 - 3.5 ft	1.8 - 3.5 ft	1.8 - 3.5 ft	1.5 - 3.4 ft	1.5 - 3.4 ft	5.5 ft	5.5 ft	2 - 5.5 ft	2 - 5.5 ft
Sampling Company					STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory					ERF	PARAROCH	ERF	ERF	PARAROCH	ERF	PARAROCH	ERF	PARAROCH
Laboratory Work Order					480-204742-1	9564-22	480-204742-1	480-204742-1	9564-22	480-204742-1	9564-22	480-204742-1	9564-22
Laboratory Sample ID					480-204742-34	84378	480-204742-35	480-204742-38	84379	480-204742-37	84380	480-204742-36	84381
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51	NYSDEC			Field Duplicate						
Pentachlorophenol	µg/kg	800_m[A] 6,700[B] 800_f[C]	n/v	n/v	350 U	-	390 U	370 U	-	370 U	-	360 U	-
Phenol	µg/kg	330_m[A] $100,000_b$[B] 330_f[C]	n/v	n/v	180 U	-	200 U	190 U	-	190 U	-	190 U	-
Trichlorophenol, 2,4,5-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	100[E]	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Trichlorophenol, 2,4,6-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	n/v	180 U	-	200 U	190 U F2	-	190 U	-	190 U	-
Cresol, m- (Methylphenol, 3-)	µg/kg	330_m[A] $100,000_b$[B] 330_f[C]	n/v	n/v	350 U	-	390 U	370 U	-	370 U	-	360 U	-
SVOC TICs													
Total SVOC TICs	µg/kg	n/v	n/v	n/v	12,210 TJN	-	16,170 TJN	10,340 TJN	-	15,200 TJN	-	14,400 TJN	-

See notes on last page.

Table 16
Pre-Waste Characterization Soil Composite Analytical Results
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #828206

Sample Location					CNL-WC-CY1-UF		CNL-WC-CY2-UF		CNL-WC-CY3-UF		CNL-WC-CY4-UF			CNL-WC-CY5-UF		CNL-WC-CY6-UF	
Sample Date					13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	12-Dec-22	12-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22
Sample ID					CNL-WC-CY1-UF-S	CNL-WC-CY1-UF-S	CNL-WC-CY2-UF-S	CNL-WC-CY2-UF-S	CNL-WC-CY3-UF-S	CNL-WC-CY3-UF-S	CNL-WC-CY4-UF-S	CNL-WC-DUP2-UF-S	CNL-WC-CY4-UF-S	CNL-WC-CY5-UF-S	CNL-WC-CY5-UF-S	CNL-WC-CY6-UF-S	CNL-WC-CY6-UF-S
Sample Depth					0.3 - 1.9 ft	0.3 - 1.9 ft	0.4 - 1.5 ft	0.4 - 1.5 ft	1.5 - 1.7 ft	1.5 - 1.7 ft	0.5 - 1.6 ft	0.5 - 1.6 ft	0.5 - 1.6 ft	0.5 - 1.4 ft	0.5 - 1.4 ft	0.7 - 2.4 ft	0.7 - 2.4 ft
Sampling Company					STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory					ERF	PARAROCH	ERF	PARAROCH	ERF	PARAROCH	ERF	ERF	PARAROCH	ERF	PARAROCH	ERF	PARAROCH
Laboratory Work Order					480-204742-1	9564-22	480-204742-1	9564-22	480-204742-1	9564-22	480-204742-1	480-204742-1	9564-22	480-204742-1	9564-22	480-204742-1	9564-22
Laboratory Sample ID					480-204742-18	84372	480-204742-21	84373	480-204742-22	84374	480-204742-2	480-204742-17	84375	480-204742-39	84376	480-204742-20	84377
Sample Type												Field Duplicate					
Sample Location	**Units**	**NYSDEC-Part 375**	**NYSDEC CP-51**	**NYSDEC**													
General Chemistry																	
Cyanide	mg/kg	27$_{i}^{AB}$ 40$_{i}^{C}$	n/v	n/v	0.99 U	-	1.0 U	-	0.94 U	-	0.98 U	1.2 U	-	1.0 U	-	1.1 U	-
Cyanide (Reactive)	mg/kg	n/v	n/v	n/v	9.5 U	-	9.6 U	-	9.6 U	-	9.8 U	9.7 U	-	9.7 U	-	9.9 U	-
Flashpoint	deg F	n/v	n/v	n/v	50.0 U	-	50.0 U	-	50.0 U	-	50.0 U	50.0 U	-	50.0 U	-	50.0 U	-
pH, lab	S.U.	n/v	n/v	n/v	8.3 HF	-	7.9 HF	-	8.6 HF	-	8.2 HF	8.1 HF	-	7.2 HF	-	7.7 HF	-
Sulfate	mg/kg	n/v	n/v	n/v	79.9	-	47.9	-	19.8 U	-	174	132	-	39.0	-	270	-
Sulfide (Reactive)	mg/kg	n/v	n/v	n/v	9.5 U	-	9.6 U	-	9.6 U	-	9.8 U	9.7 U	-	9.7 U	-	9.9 U	-
Temperature, Lab	deg C	n/v	n/v	n/v	19.3 HF	-	18.5 HF	-	18.7 HF	-	18.7 HF	18.6 HF	-	19.1 HF	-	18.7 HF	-
Metals																	
Aluminum	mg/kg	10,000$_{e}^{ABC}$	10,000$_{a}^{E}$	n/v	9,590	-	**10,800^{ABCE}**	-	7,430	-	**10,100^{ABCE}**	**12,200^{ABCE}**	-	9,380	-	8,950	-
Antimony	mg/kg	10,000$_{e}^{ABC}$	10,000$_{a}^{E}$	n/v	16.3 U	-	16.4 U	-	16.9 U	-	17.6 U	19.5 U	-	17.1 U	-	16.3 U	-
Arsenic	mg/kg	13$_{n}^{A}$ 16$_{a}^{BC}$	n/v	n/v	4.2	-	3.9	-	4.1	-	5.7	5.3	-	2.8	-	9.7	-
Barium	mg/kg	350$_{n}^{A}$ 400^{B} 820^{C}	n/v	n/v	48.0	-	55.2	-	59.9	-	70.7	87.9	-	34.8	-	108	-
Beryllium	mg/kg	7.2^{A} 72^{B} 47^{C}	n/v	n/v	0.40	-	0.40	-	0.34	-	0.42	0.54	-	0.30	-	0.53	-
Cadmium	mg/kg	2.5$_{n}^{A}$ 4.3^{B} 7.5^{C}	n/v	n/v	0.22 U	-	0.22 U	-	0.54	-	0.27	0.26 U	-	0.23 U	-	0.40	-
Calcium	mg/kg	10,000$_{e}^{ABC}$	10,000$_{a}^{E}$	n/v	**27,200^{ABCE}**	-	**11,000^{ABCE}**	-	**31,700^{ABCE}**	-	9,770	**13,500^{ABCE}**	-	2,120	-	**28,300^{ABCE}**	-
Chromium	mg/kg	30$_{n,i}^{A}$ 180$_{i,NS,a}^{B}$ ^{C}	n/v	n/v	11.0	-	12.1	-	9.5	-	12.5	14.8	-	10.5	-	13.2	-
Cobalt	mg/kg	10,000$_{e}^{ABC}$	10,000$_{a}^{E}$	n/v	4.4	-	5.0	-	4.5	-	4.9	5.7	-	3.7	-	5.6	-
Copper	mg/kg	50^{A} 270^{B} 1,720^{C}	n/v	n/v	17.5	-	14.8	-	17.1	-	26.0	23.9	-	7.2	-	43.0	-
Iron	mg/kg	10,000$_{e}^{ABC}$	10,000$_{a}^{E}$	n/v	**13,000^{ABCE}**	-	**13,600^{ABCE}**	-	**12,400^{ABCE}**	-	**13,100^{ABCE}**	**15,500^{ABCE}**	-	**11,000^{ABCE}**	-	**14,900^{ABCE}**	-
Lead	mg/kg	63$_{n}^{A}$ 400^{B} 450^{C}	n/v	n/v	**151^{A}**	-	**453^{ABC}**	-	**95.3^{A}**	-	**196^{A}**	**194^{A}**	-	31.9	-	**326^{A}**	-
Magnesium	mg/kg	10,000$_{e}^{ABC}$	n/v	n/v	**11,900^{ABC}**	-	5,460	-	5,750	-	3,760	4,530	-	2,000	-	**13,400^{ABC}**	-
Manganese	mg/kg	1,600$_{n}^{A}$ 2,000$_{g}^{BC}$	n/v	n/v	346	-	425	-	993	-	351	496	-	454	-	385	-
Mercury	mg/kg	0.18$_{n}^{A}$ 0.81$_{k}^{B}$ 0.73^{C}	n/v	n/v	0.074	-	0.16	-	0.053	-	**0.52^{A}**	**0.67^{A}**	-	0.13	-	**0.51^{A}**	-
Nickel	mg/kg	30^{A} 310^{B} 130^{C}	n/v	n/v	10	-	9.6	-	11.9	-	10.8	13.3	-	8.2	-	12.7	-
Potassium	mg/kg	10,000$_{e}^{ABC}$	n/v	n/v	1,660	-	1,460	-	1,550	-	1,560	2,180	-	1,300	-	1,320	-
Selenium	mg/kg	3.9$_{n}^{A}$ 180^{B} 4$_{a}^{C}$	n/v	n/v	4.3 U	-	4.4 U	-	4.5 U	-	4.7 U	5.2 U	-	4.6 U	-	4.4 U	-
Silver	mg/kg	2^{A} 180^{B} 8.3^{C}	n/v	n/v	0.65 U	-	0.66 U	-	0.68 U	-	0.71 U	0.78 U	-	0.68 U	-	0.65 U	-
Sodium	mg/kg	10,000$_{e}^{ABC}$	n/v	n/v	663	-	616	-	158 U	-	262	316	-	258	-	272	-
Sulfur	mg/kg	n/v	n/v	n/v	475	-	89.1	-	81.2	-	134	174	-	92.6	-	236	-
Thallium	mg/kg	10,000$_{e}^{ABC}$	10,000$_{a}^{E}$	n/v	6.5 U	-	6.6 U	-	6.8 U	-	7.1 U	7.8 U	-	6.8 U	-	6.5 U	-
Vanadium	mg/kg	10,000$_{e}^{ABC}$	10,000$_{a}^{E}$	n/v	20.5	-	19.9	-	16.6	-	19.7	24.8	-	17.3	-	21.3	-
Zinc	mg/kg	109$_{n}^{A}$ 10,000$_{e}^{B}$ 2,480^{C}	n/v	n/v	52.7	-	57.0	-	**304^{A}**	-	97.2	91.1	-	31.1	-	**149^{A}**	-
Metals																	
Lead	mg/L	n/v	n/v	5.0^{F}	0.097	-	0.29	-	0.039	-	0.035	0.043	-	0.024	-	0.16	-
Polychlorinated Biphenyls																	
Aroclor 1016	mg/kg	$^{ABC}_{o}$	n/v	n/v	0.24 U	-	0.20 U	-	0.19 U	-	0.23 U	0.27 U	-	0.19 U	-	0.24 U	-
Aroclor 1221	mg/kg	$^{ABC}_{o}$	n/v	n/v	0.24 U	-	0.20 U	-	0.19 U	-	0.23 U	0.27 U	-	0.19 U	-	0.24 U	-
Aroclor 1232	mg/kg	$^{ABC}_{o}$	n/v	n/v	0.24 U	-	0.20 U	-	0.19 U	-	0.23 U	0.27 U	-	0.19 U	-	0.24 U	-
Aroclor 1242	mg/kg	$^{ABC}_{o}$	n/v	n/v	0.24 U	-	0.20 U	-	0.19 U	-	0.23 U	0.27 U	-	0.19 U	-	0.24 U	-
Aroclor 1248	mg/kg	$^{ABC}_{o}$	n/v	n/v	0.24 U	-	0.20 U	-	0.19 U	-	0.23 U	0.27 U	-	0.19 U	-	0.24 U	-
Aroclor 1254	mg/kg	$^{ABC}_{o}$	n/v	n/v	0.24 U	-	0.20 U	-	0.19 U	-	0.23 U	0.27 U	-	0.19 U	-	0.24 U	-
Aroclor 1260	mg/kg	$^{ABC}_{o}$	n/v	n/v	0.24 U	-	0.20 U	-	0.19 U	-	0.23 U	0.27 U	-	0.19 U	-	0.24 U	-
Polychlorinated Biphenyls (PCBs)	mg/kg	0.1^{A} 1^{B} 3.2^{C}	n/v	n/v	ND	-	ND	-	ND	-	ND	ND	-	ND	-	ND	-
Pesticides																	
2,4,5-TP (Silvex)	µg/kg	3,800^{AC} 100,000$_{b}^{B}$	n/v	n/v	17 U	-	16 U	-	16 U	-	16 U	17 U	-	17 U	-	17 U	-
Aldrin	µg/kg	5$_{n}^{A}$ 97^{B} 190^{C}	n/v	n/v	37 U	-	1.8 U	-	1.8 U	-	38 U	43 U	-	18 U	-	37 U	-
BHC, alpha-	µg/kg	20^{AC} 480^{B}	n/v	n/v	37 U	-	1.8 U	-	1.8 U	-	38 U	43 U	-	18 U	-	37 U	-
BHC, beta-	µg/kg	36^{A} 360^{B} 90^{C}	n/v	n/v	37 U	-	1.8 U	-	1.8 U	-	38 U	43 U	-	18 U	-	37 U	-
BHC, delta-	µg/kg	40$_{n}^{A}$ 100,000$_{b}^{B}$ 250^{C}	n/v	n/v	37 U	-	1.8 U	-	1.8 U	-	38 U	43 U	-	18 U	-	37 U	-
Camphechlor (Toxaphene)	µg/kg	100,000$_{a}^{A}$ 100,000$_{b}^{B}$ 1,000,000$_{d}^{C}$	n/v	n/v	370 U	-	18 U	-	18 U	-	380 U	430 U	-	180 U	-	370 U	-
Chlordane, alpha-	µg/kg	94^{A} 4,200^{B} 2,900^{C}	n/v	n/v	37 U	-	1.8 U	-	1.8 U	-	38 U	43 U	-	18 U	-	37 U	-
Chlordane, trans- (gamma-Chlordane)	µg/kg	100,000$_{a}^{A}$ 100,000$_{b}^{B}$ 1,000,000$_{d}^{C}$	n/v	n/v	37 U	-	1.8 U	-	1.8 U	-	38 U	43 U	-	18 U	-	37 U	-
DDD (p,p'-DDD)	µg/kg	3.3$_{m}^{A}$ 13,000^{B} 14,000^{C}	n/v	n/v	37 U	-	1.8 U	-	1.8 U	-	38 U	43 U	-	18 U	-	37 U	-
DDE (p,p'-DDE)	µg/kg	3.3$_{m}^{A}$ 8,900^{B} 17,000^{C}	n/v	n/v	37 U	-	1.8 U	-	1.8 U	-	38 U	43 U	-	18 U	-	37 U	-
DDT (p,p'-DDT)	µg/kg	3.3$_{m}^{A}$ 7,900^{B} 136,000^{C}	n/v	n/v	37 U	-	1.8 U	-	1.8 U	-	38 U	43 U	-	18 U	-	37 U	-
Dichlorophenoxy acetic acid, 2,4- (2,4-D)	µg/kg	100,000$_{a}^{A}$ 100,000$_{b}^{B}$ 1,000,000$_{d}^{C}$	500^{E}	n/v	17 U	-	16 U	-	16 U	-	16 U	17 U	-	17 U	-	17 U	-
Dieldrin	µg/kg	5$_{n}^{A}$ 200^{B} 100^{C}	n/v	n/v	37 U	-	1.8 U	-	1.8 U	-	38 U	43 U	-	18 U	-	37 U	-
Endosulfan I	µg/kg	2,400$_{i}^{A}$ 24,000$_{i}^{B}$ 102,000^{C}	n/v	n/v	37 U	-	1.8 U	-	1.8 U	-	38 U	43 U	-	18 U	-	37 U	-
Endosulfan II	µg/kg	2,400$_{i}^{A}$ 24,000$_{i}^{B}$ 102,000^{C}	n/v	n/v	37 U	-	1.8 U	-	1.8 U	-	38 U	43 U	-	18 U	-	37 U	-
Endosulfan Sulfate	µg/kg	2,400$_{i}^{A}$ 24,000$_{i}^{B}$ 1,000,000$_{d}^{C}$	n/v	n/v	37 U	-	1.8 U	-	1.8 U	-	38 U	43 U	-	18 U	-	37 U	-
Endrin	µg/kg	14^{A} 11,000^{B} 60^{C}	n/v	n/v	37 U	-	1.8 U	-	1.8 U	-	38 U	43 U	-	18 U	-	37 U	-
Endrin Aldehyde	µg/kg	100,000$_{a}^{A}$ 100,000$_{b}^{B}$ 1,000,000$_{d}^{C}$	n/v	n/v	37 U	-	1.8 U	-	1.8 U	-	38 U	43 U	-	18 U	-	37 U	-
Endrin Ketone	µg/kg	100,000$_{a}^{A}$ 100,000$_{b}^{B}$ 1,000,000$_{d}^{C}$	n/v	n/v	37 U	-	1.8 U	-	1.8 U	-	38 U	43 U	-	18 U	-	37 U	-
Heptachlor	µg/kg	42^{A} 2,100^{B} 380^{C}	n/v	n/v	37 U	-	1.8 U	-	1.8 U	-	38 U	43 U	-	18 U	-	37 U	-
Heptachlor Epoxide	µg/kg	100,000$_{a}^{A}$ 100,000$_{b}^{B}$ 1,000,000$_{d}^{C}$	20^{E}	n/v	37 U	-	1.8 U	-	1.8 U	-	38 U	43 U	-	18 U	-	37 U	-

Table 16
Pre-Waste Characterization Soil Composite Analytical Results
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #828206

Sample Location					CNL-WC-CY1-UF		CNL-WC-CY2-UF		CNL-WC-CY3-UF		CNL-WC-CY4-UF			CNL-WC-CY5-UF		CNL-WC-CY6-UF	
Sample Date					13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	12-Dec-22	12-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22
Sample ID					CNL-WC-CY1-UF-S	CNL-WC-CY1-UF-S	CNL-WC-CY2-UF-S	CNL-WC-CY2-UF-S	CNL-WC-CY3-UF-S	CNL-WC-CY3-UF-S	CNL-WC-CY4-UF-S	CNL-WC-DUP2-UF-S	CNL-WC-CY4-UF-S	CNL-WC-CY5-UF-S	CNL-WC-CY5-UF-S	CNL-WC-CY6-UF-S	CNL-WC-CY6-UF-S
Sample Depth					0.3 - 1.9 ft	0.3 - 1.9 ft	0.4 - 1.5 ft	0.4 - 1.5 ft	1.5 - 1.7 ft	1.5 - 1.7 ft	0.5 - 1.6 ft	0.5 - 1.6 ft	0.5 - 1.6 ft	0.5 - 1.4 ft	0.5 - 1.4 ft	0.7 - 2.4 ft	0.7 - 2.4 ft
Sampling Company					STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory					ERF	PARAROCH	ERF	PARAROCH	ERF	PARAROCH	ERF	ERF	PARAROCH	ERF	PARAROCH	ERF	PARAROCH
Laboratory Work Order					480-204742-1	9564-22	480-204742-1	9564-22	480-204742-1	9564-22	480-204742-1	480-204742-1	9564-22	480-204742-1	9564-22	480-204742-1	9564-22
Laboratory Sample ID					480-204742-18	84372	480-204742-21	84373	480-204742-22	84374	480-204742-2	480-204742-17	84375	480-204742-39	84376	480-204742-20	84377
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51	NYSDEC								Field Duplicate					
Lindane (Hexachlorocyclohexane, gamma)	µg/kg	100[AC] 1,300[B]	n/v	n/v	37 U	-	1.8 U	-	1.8 U	-	38 U	43 U	-	18 U	-	37 U	-
Methoxychlor (4,4'-Methoxychlor)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	900,000[E]	n/v	37 U	-	1.8 U	-	4.1	-	38 U	43 U	-	84	-	37 U	-
Trichlorophenoxy acetic acid, 2,4,5- (2,4,5-T)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	1,900[E]	n/v	17 U	-	16 U	-	16 U	-	16 U	17 U	-	17 U	-	17 U	-
Asbestos																	
PLM Asbestos Fibers Type/Percentage	%	n/v	n/v	n/v	-	ND	-	ND	-	ND	-	-	ND	-	ND	-	ND
PLM Total Asbestos	%	n/v	n/v	n/v	-	0	-	0	-	0	-	-	0	-	0	-	0
TEM Asbestos Fibers Type/Percentage	%	n/v	n/v	n/v	-	NR	-	NR	-	NR	-	-	NR	-	NR	-	NR
TEM Total Asbestos	%	n/v	n/v	n/v	-	N/A	-	N/A	-	N/A	-	-	N/A	-	N/A	-	N/A
PLM Non-Asbestos Fibers Type/Percentage	%	n/v	n/v	n/v	-	ND	-	ND	-	ND	-	-	ND	-	ND	-	ND
Non-Fibrous Matrix Material	%	n/v	n/v	n/v	-	100	-	100	-	100	-	-	100	-	100	-	100

See notes on last page.

Table 16
Pre-Waste Characterization Soil Composite Analytical Results
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #828206

Sample Location					CNL-WC-CY1-UF		CNL-WC-CY2-UF		CNL-WC-CY3-UF		CNL-WC-CY4-UF			CNL-WC-CY5-UF		CNL-WC-CY6-UF	
Sample Date					13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	12-Dec-22	12-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22
Sample ID					CNL-WC-CY1-UF-S	CNL-WC-CY1-UF-S	CNL-WC-CY2-UF-S	CNL-WC-CY2-UF-S	CNL-WC-CY3-UF-S	CNL-WC-CY3-UF-S	CNL-WC-CY4-UF-S	CNL-WC-DUP2-UF-S	CNL-WC-CY4-UF-S	CNL-WC-CY5-UF-S	CNL-WC-CY5-UF-S	CNL-WC-CY6-UF-S	CNL-WC-CY6-UF-S
Sample Depth					0.3 - 1.9 ft	0.3 - 1.9 ft	0.4 - 1.5 ft	0.4 - 1.5 ft	1.5 - 1.7 ft	1.5 - 1.7 ft	0.5 - 1.6 ft	0.5 - 1.6 ft	0.5 - 1.6 ft	0.5 - 1.4 ft	0.5 - 1.4 ft	0.7 - 2.4 ft	0.7 - 2.4 ft
Sampling Company					STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory					ERF	PARAROCH	ERF	PARAROCH	ERF	PARAROCH	ERF	ERF	PARAROCH	ERF	PARAROCH	ERF	PARAROCH
Laboratory Work Order					480-204742-1	9564-22	480-204742-1	9564-22	480-204742-1	9564-22	480-204742-1	480-204742-1	9564-22	480-204742-1	9564-22	480-204742-1	9564-22
Laboratory Sample ID					480-204742-18	84372	480-204742-21	84373	480-204742-22	84374	480-204742-2	480-204742-17	84375	480-204742-39	84376	480-204742-20	84377
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51	NYSDEC								Field Duplicate					
1,4-Dioxane																	
Dioxane, 1,4-	µg/kg	100_m[A] $13{,}000$[B] 100_i[C]	n/v	n/v	1,100 U	-	110 U	-	110 U	-	570 U	1,300 U	-	540 U	-	1,100 U	-
Polycyclic Aromatic Hydrocarbons																	
Acenaphthene	µg/kg	$20{,}000$[A] $100{,}000_h$[B] $98{,}000$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Acenaphthylene	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $107{,}000$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Anthracene	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	1,700	-	1,900 U	-
Benzo(a)anthracene	µg/kg	$1{,}000_n$[A] $1{,}000_g$[BC]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	**2,900**[ABC]	-	1,900 U	-
Benzo(a)pyrene	µg/kg	$1{,}000_n$[A] $1{,}000_g$[B] $22{,}000$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	**2,700**[AB]	-	1,900 U	-
Benzo(b)fluoranthene	µg/kg	$1{,}000_n$[A] $1{,}000_g$[B] $1{,}700$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	**2,900**[ABC]	-	1,900 U	-
Benzo(g,h,i)perylene	µg/kg	$100{,}000$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	1,500	-	1,900 U	-
Benzo(k)fluoranthene	µg/kg	800_n[A] $3{,}900$[B] $1{,}700$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	**1,300**[A]	-	1,900 U	-
Chrysene	µg/kg	$1{,}000_n$[A] $3{,}900$[B] $1{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	**2,900**[AC]	-	1,900 U	-
Dibenzo(a,h)anthracene	µg/kg	330_m[A] 330_i[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Fluoranthene	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	280	-	960 U	2,200 U	-	7,000	-	1,900 U	-
Fluorene	µg/kg	$30{,}000$[A] $100{,}000_h$[B] $386{,}000$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Indeno(1,2,3-cd)pyrene	µg/kg	500_n[A] 500_g[B] $8{,}200$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	**1,200**[AB]	-	1,900 U	-
Naphthalene	µg/kg	$12{,}000$[AC] $100{,}000_h$[B]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Phenanthrene	µg/kg	$100{,}000$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	230	-	960 U	2,200 U	-	6,600	-	1,900 U	-
Pyrene	µg/kg	$100{,}000$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	270	-	960 U	2,200 U	-	6,200	-	1,900 U	-
Semi-Volatile Organic Compounds																	
Acetophenone	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Atrazine	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Benzaldehyde	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Biphenyl	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Bis(2-Chloroethoxy)methane	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Bis(2-Chloroethyl)ether	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	$435{,}000$[E]	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Bromophenyl Phenyl Ether, 4-	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Butyl Benzyl Phthalate	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	$122{,}000$[E]	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Caprolactam	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Carbazole	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Chloro-3-methyl phenol, 4-	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Chloroaniline, 4-	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	220[E]	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Chloronaphthalene, 2-	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	3,700 U	-	360 U	-	360 U	-	1,900 U	4,200 U	-	1,800 U	-	3,600 U	-
Chlorophenyl Phenyl Ether, 4-	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Cresol, o- (Methylphenol, 2-)	µg/kg	330_m[A] $100{,}000_h$[B] 330_i[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Cresol, p- (Methylphenol, 4-)	µg/kg	330_m[A] $100{,}000_h$[B] 330_i[C]	n/v	n/v	3,700 U	-	360 U	-	360 U	-	1,900 U	4,200 U	-	1,800 U	-	3,600 U	-
Dibenzofuran	µg/kg	$7{,}000$[A] $59{,}000$[B] $210{,}000$[C]	$6{,}200$[E]	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Dibutyl Phthalate (DBP)	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	$8{,}100$[E]	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Dichlorobenzidine, 3,3'-	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	3,700 U	-	360 U	-	360 U	-	1,900 U	4,200 U	-	1,800 U	-	3,600 U	-
Dichlorophenol, 2,4-	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	400[E]	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Diethyl Phthalate	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	$7{,}100$[E]	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Dimethyl Phthalate	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	$27{,}000$[E]	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Dimethylphenol, 2,4-	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Dinitro-o-cresol, 4,6-	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	3,700 U	-	360 U	-	360 U	-	1,900 U	4,200 U	-	1,800 U	-	3,600 U	-
Dinitrophenol, 2,4-	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	200[E]	n/v	18,000 U	-	1,800 U	-	1,800 U	-	9,400 U	21,000 U	-	8,900 U	-	18,000 U	-
Dinitrotoluene, 2,4-	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U *+	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Dinitrotoluene, 2,6-	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	$1{,}000/170_{b,s1}$[E]	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Di-n-Octyl phthalate	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	$120{,}000$[E]	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Hexachlorobenzene	µg/kg	330_m[A] $1{,}200$[B] $3{,}200$[C]	$1{,}400$[E]	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Hexachlorocyclopentadiene	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Hexachloroethane	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Isophorone	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	$4{,}400$[E]	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Methylnaphthalene, 2-	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	$36{,}400$[E]	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Nitroaniline, 2-	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	400[E]	n/v	3,700 U	-	360 U	-	360 U	-	1,900 U	4,200 U	-	1,800 U	-	3,600 U	-
Nitroaniline, 3-	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	500[E]	n/v	3,700 U	-	360 U	-	360 U	-	1,900 U	4,200 U	-	1,800 U	-	3,600 U	-
Nitroaniline, 4-	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	3,700 U	-	360 U	-	360 U	-	1,900 U	4,200 U	-	1,800 U	-	3,600 U	-
Nitrobenzene	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	$15{,}000$[D] 170_b[E]	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Nitrophenol, 2-	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	300[E]	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Nitrophenol, 4-	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	100[E]	n/v	3,700 U	-	360 U	-	360 U	-	1,900 U	4,200 U	-	1,800 U	-	3,600 U	-
N-Nitrosodi-n-Propylamine	µg/kg	$100{,}000_g$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-

Table 16
Pre-Waste Characterization Soil Composite Analytical Results
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #828206

Sample Location					CNL-WC-CY1-UF		CNL-WC-CY2-UF		CNL-WC-CY3-UF		CNL-WC-CY4-UF			CNL-WC-CY5-UF		CNL-WC-CY6-UF	
Sample Date					13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	12-Dec-22	12-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22	13-Dec-22
Sample ID					CNL-WC-CY1-UF-S	CNL-WC-CY1-UF-S	CNL-WC-CY2-UF-S	CNL-WC-CY2-UF-S	CNL-WC-CY3-UF-S	CNL-WC-CY3-UF-S	CNL-WC-CY4-UF-S	CNL-WC-DUP2-UF-S	CNL-WC-CY4-UF-S	CNL-WC-CY5-UF-S	CNL-WC-CY5-UF-S	CNL-WC-CY6-UF-S	CNL-WC-CY6-UF-S
Sample Depth					0.3 - 1.9 ft	0.3 - 1.9 ft	0.4 - 1.5 ft	0.4 - 1.5 ft	1.5 - 1.7 ft	1.5 - 1.7 ft	0.5 - 1.6 ft	0.5 - 1.6 ft	0.5 - 1.6 ft	0.5 - 1.4 ft	0.5 - 1.4 ft	0.7 - 2.4 ft	0.7 - 2.4 ft
Sampling Company					STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory					ERF	PARAROCH	ERF	PARAROCH	ERF	PARAROCH	ERF	ERF	PARAROCH	ERF	PARAROCH	ERF	PARAROCH
Laboratory Work Order					480-204742-1	9564-22	480-204742-1	9564-22	480-204742-1	9564-22	480-204742-1	480-204742-1	9564-22	480-204742-1	9564-22	480-204742-1	9564-22
Laboratory Sample ID					480-204742-18	84372	480-204742-21	84373	480-204742-22	84374	480-204742-2	480-204742-17	84375	480-204742-39	84376	480-204742-20	84377
Sample Type												Field Duplicate					
	Units	NYSDEC-Part 375	NYSDEC CP-51	NYSDEC													
n-Nitrosodiphenylamine	µg/kg	$100{,}000_a$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Pentachlorophenol	µg/kg	800_m[A] 6,700[B] 800_i[C]	n/v	n/v	3,700 U	-	360 U	-	360 U	-	1,900 U	4,200 U	-	1,800 U	-	3,600 U	-
Phenol	µg/kg	330_m[A] $100{,}000_b$[B] 330_i[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Trichlorophenol, 2,4,5-	µg/kg	$100{,}000_a$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	100[E]	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Trichlorophenol, 2,4,6-	µg/kg	$100{,}000_a$[A] $100{,}000_h$[B] $1{,}000{,}000_g$[C]	n/v	n/v	1,900 U	-	190 U	-	190 U	-	960 U	2,200 U	-	910 U	-	1,900 U	-
Cresol, m- (Methylphenol, 3-)	µg/kg	330_m[A] $100{,}000_b$[B] 330_i[C]	n/v	n/v	3,700 U	-	360 U	-	360 U	-	1,900 U	4,200 U	-	1,800 U	-	3,600 U	-
SVOC TICs																	
Total SVOC TICs	µg/kg	n/v	n/v	n/v	-	-	15,610 TJN	-	1,700 TJN	-	-	-	-	47,250 TJN	-	-	-

See notes on last page.

Table 17
Summary of Pre-Waste Characterization Composites
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #828206

Soil Type	Grab Sample ID	Composite Sample ID
Native	CNL-WC2A-S	CNL-WC-ANNEXA1-OB-S
	CNL-WC3A-S	
	CNL-WC4A-S	
	CNL-WC5A-S	
	CNL-WC6A-S	CNL-WC-ANNEXA2-OB-S
	CNL-WC7A-S	
	CNL-WC8A-S	
	CNL-WC9B-S	CNL-WC-ANNEXA3-OB-S
	CNL-WC10B-S	
	CNL-WC12B-S	
	CNL-WC13B-S	CNL-WC-CY1-OB-S
	CNL-WC14B-S	
	CNL-WC15B-S	
	CNL-WC16B-S	CNL-WC-CY2-OB-S
	CNL-WC17B-S	
	CNL-WC18B-S	
	CNL-WC21B-S	CNL-WC-CY7-OB-S
	CNL-WC25B-S	CNL-WC-CY8-OB-S
	CNL-WC26B-S	
	CNL-WC27B-S	
Fill	CNL-WC9A-S	CNL-WC-ANNEX3-UF-S
	CNL-WC10A-S	
	CNL-WC12A-S	
	CNL-WC13A-S	CNL-WC-CY1-UF-S
	CNL-WC14A-S	
	CNL-WC15A-S	
	CNL-WC16A-S	CNL-WC-CY2-UF-S
	CNL-WC17A-S	
	CNL-WC18A-S	
	CNL-WC19A-S	CNL-WC-CY3-UF-S
	CNL-WC20A-S	
	CNL-WC21A-S	CNL-WC-CY4-UF-S
	CNL-WC22A-S	
	CNL-WC23A-S	
	CNL-WC24A-S	CNL-WC-CY5-UF-S
	CNL-WC25A-S	
	CNL-WC26A-S	CNL-WC-CY6-UF-S
	CNL-WC27A-S	
Petroleum Impacted Soil	CNL-WC2B-S	CNL-WC-ANNEXA1-P-S
	CNL-WC3B-S	
	CNL-WC4B-S	
	CNL-WC5B-S	
	CNL-WC6B-S	CNL-WC-ANNEXA2-P-S
	CNL-WC7B-S	
	CNL-WC8B-S	
	CNL-WC10B-S	
Metal Impacted Soil	CNL-WC1-S	CNL-WC1-S

Table 18
Waste Disposal Summary - Drummed
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #828206

Drum Number	Contents	Date Placed in Drum	Approximate Quantity	Date Full	Notes
1	Soil Cuttings, Drill Water, and Development Water from Installation of IW-12 and IW-14	8/15/2022 - IW-12 and IW-14 8/16/2022 - IW-12 and IW-14	Full	8/16/2022	Disposed of into CID #2 soil pile
2	Soil Cuttings, Drill Water, and Development Water from Installation of IW-11	8/16/2022 - IW-11	3/4	--	Disposed of into CID #2 soil pile
3	Soil Cuttings, Drill Water, and Development Water from Installation of IW-9 and IW-10	8/17/2022 - IW-9 and IW-10	Full	8/17/2022	Disposed of into CID #2 soil pile
4	Soil Cuttings, Drill Water, and Development Water from Installation of IW-6 and IW-7	8/17/2022 - IW-7 8/18/2022 - IW-6 and IW-7	Full	8/18/2022	Disposed of into CID #2 soil pile
5	Soil Cuttings, Drill Water, and Development Water from Installation of IW-4	8/18/2022 - IW-4	3/4	--	Disposed of into CID #2 soil pile
6	Soil Cuttings, Drill Water, and Development Water from Installation of IW-3	8/18/2022 - IW-3	3/4	--	Disposed of into CID #2 soil pile
7	Soil Cuttings, Drill Water, and Development Water from Installation of IW-1	8/19/2022 - IW-1	3/4	--	Disposed of into CID #2 soil pile
8	Decontamination Wash Water	8/15/2022 - IW-12 and IW-14 8/16/2022 - IW-11, IW-12 and IW-14 8/17/2022 - IW-7 8/18/2022 - IW-6, IW-7, IW-4, and IW-3 8/19/2022 - IW-3	1/2	--	Disposed of into CID #2 soil pile
9	Water from UST	12/21/2022	Full	12/21/2022	Discharged with filter bag by TREC on 3/22/2023
10	Water from UST	12/21/2022	1/5	--	Discharged with filter bag by TREC on 3/22/2023
11	Frac Tank Filtered Water	1/24/2023	Full	1/24/2023	Discharged with filter bag by TREC on 3/22/2023
12	Frac Tank Filtered Water	3/7/2023	Full	3/7/2023	Discharged with filter bag by TREC on 3/22/2023
13/14	Development Water from MW-112R, MW-114R, and MW-115	6/15/2023 - MW-114R and MW-115 6/16/2023 - MW-112R	Full	1/3/2024	Drums 13 and 14 were combined into one drum on 12/22/2023. Remains onsite as of 1/30/2024
	Purge Water from MW-104R, MW-106R, MW-110, MW-112R, MW-114R, MW-115, IW-4, IW-11, and IW-14	6/26/2023 - MW-106R, IW-4, IW-11, and IW-14 6/27/2023 - IW-14, MW-104R, MW-112R, MW-114R, and MW-115 6/28/2023 - MW-110 9/27/2023 - IW-14, MW-110, and MW-115 9/28/2023 - IW-11, MW-104R, and MW-112R 9/29/2023 - IW-4, MW-106R, and MW-114R			
15	Soil Cuttings from Installation of RW-5R	12/18/2023 - RW-5R	1/2	--	Remains onsite as of 1/30/2024
16	Drill Water and Development Water from Installation of RW-5R	12/18/2023, 12/22/2023 - RW-5R	Full	12/22/2023	Remains onsite as of 1/30/2024
17	Development Water from RW-5R.	12/22/2023 - RW-5R	3/4	--	Remains onsite as of 1/30/2024
18	Purge Water from MW-104R, MW-106R, MW-110, MW-112R, MW-114R, MW-115, IW-4, IW-11, and IW-14	1/3/2024 - MW-110, MW-104R, IW-14, and MW-106R 1/4/2024 - MW-104R, MW-115, IW-11, and MW-114R 1/5/2024 - IW-4 and MW-112R	3/4	--	Remains onsite as of 1/30/2024

Table 19
Waste Disposal Summary - Other
Final Engineering Report (FER)
67-89 Canal Street, Rochester, NY
BCP Site #C828206

Date	Time	Ticket Number	Customer	Truck ID	Quantity (ton)	Waste Type
7/29/2022	10:15	1108365	Waste Management	413901	1.14	Asbestos
8/29/2022	10:59	1496436	Waste Management	413907	3.8	Asbestos
9/6/2022	14:07	1497240	Waste Management	413908	7.36	Asbestos
9/7/2022	12:32	1497483	Waste Management	413906	10.37	Asbestos
9/15/2022	12:37	1498629	Waste Management	413906	4.19	Asbestos
9/23/2022	12:12	1115176	Waste Management	413910	2.22	Asbestos
9/27/2022	7:54	1115396	Waste Management	413901	2.7	Asbestos
10/5/2022	9:07	1501222	Waste Management	413907	4.06	Asbestos
10/13/2022	10:59	1502357	Waste Management	413907	4.28	Asbestos
11/21/2022	7:57	1121804	Waste Management	413910	2.5	Asbestos
11/29/2022	11:46	1509997	Waste Management	411765	3.18	Asbestos
12/19/2022	7:18	1513542	Waste Management	413903	3.12	Asbestos
1/10/2023	9:47	1126576	Waste Management	416882	4.61	Asbestos
1/10/2023	11:41	1126617	Waste Management	416882	3.85	Asbestos
1/24/2023	12:07	1128052	Waste Management	413908	7.98	Asbestos
2/1/2023	12:40	1518936	Waste Management	413907	0.15	Asbestos
2/1/2023	UNK	113907	Waste Management	413907	UNK	Asbestos
2/27/2023	7:54	1131151	Waste Management	413908	2.52	Asbestos
8/11/2022	13:29	1109936	Waste Management	413907	13.57	C&D
8/12/2022	10:25	1110070	Waste Management	413907	13.76	C&D
8/12/2022	13:08	1110137	Waste Management	413907	12.95	C&D
8/12/2022	14:40	1110170	Waste Management	413907	10.67	C&D
8/25/2022	7:15	1111762	Waste Management	413910	6.41	C&D
8/29/2022	14:39	1496525	Waste Management	413907	11.29	C&D
8/29/2022	UNK	UNK	Waste Management	UNK	UNK	C&D
8/30/2022	13:20	1496683	Waste Management	413907	10.22	C&D
8/31/2022	7:59	1112338	Waste Management	412269	6.66	C&D
9/7/2022	14:39	536432	Waste Management	413906	4.97	C&D
9/8/2022	13:22	1497685	Waste Management	413907	17.38	C&D
9/8/2022	15:12	536667	Waste Management	413907	14.21	C&D
9/9/2022	13:22	1113400	Waste Management	413910	11.43	C&D
9/9/2022	14:59	536897	Waste Management	413910	5.21	C&D
9/23/2022	13:53	1115210	Waste Management	413910	3.64	C&D
10/1/2022	UNK	UNK	Waste Management	UNK	UNK	C&D
10/4/2022	UNK	45037	Waste Management	UNK	UNK	C&D
10/31/2022	12:26	1119494	Waste Management	413912	9.2	C&D
11/14/2022	15:35	546931	Waste Management	413907	4.03	C&D
12/21/2022	11:27	1124983	Waste Management	415622	4.75	C&D
1/11/2023	8:36	1516406	Waste Management	413909	9.59	C&D
1/11/2023	10:30	1516439	Waste Management	413909	5	C&D
1/17/2023	14:00	1517164	Waste Management	413907	9.78	C&D
12/8/2022	7:08	1686270	Waste Management	413905	9.87	MSW
12/8/2022	9:19	1686318	Waste Management	413905	3.31	MSW
12/8/2022	7:57	1686281	Waste Management	413905	4.33	MSW
12/9/2022	16:05	550577	Waste Management	413905	16.23	MSW
12/14/2022	11:52	1687481	Waste Management	413905	6.27	MSW
12/14/2022	11:13	1687455	Waste Management	413905	5.17	MSW
7/29/2022	9:04	1659468	Waste Management	413901	3.71	MSW
8/5/2022	14:34	1661261	Waste Management	413907	4.92	MSW
8/12/2022	8:59	1662558	Waste Management	413907	0.71	MSW
8/18/2022	10:59	1663811	Waste Management	411765	3.1	MSW

Table 19
Waste Disposal Summary - Other
Final Engineering Report (FER)
67-89 Canal Street, Rochester, NY
BCP Site #C828206

8/18/2022	11:49	1663636	Waste Management	411765	5.49	MSW
8/18/2022	12:34	1663862	Waste Management	411765	6.18	MSW
8/23/2022	10:48	1664754	Waste Management	413905	3.58	MSW
8/23/2022	10:01	1664721	Waste Management	413905	8.31	MSW
8/24/2022	14:04	16665140	Waste Management	413906	5.22	MSW
8/24/2022	12:56	1665101	Waste Management	413906	5.02	MSW
8/29/2022	13:24	1666024	Waste Management	413907	14.04	MSW
9/1/2022	13:42	1666913	Waste Management	413907	9.55	MSW
9/1/2022	14:53	1666951	Waste Management	413905	4.4	MSW
9/1/2022	12:56	1666898	Waste Management	413905	3.04	MSW
9/2/2022	8:49	1667039	Waste Management	413907	3.98	MSW
9/2/2022	9:56	1667082	Waste Management	413907	6.8	MSW
9/2/2022	7:36	1667012	Waste Management	413907	3.26	MSW
9/8/2022	11:14	1668081	Waste Management	413907	5.61	MSW
9/9/2022	8:52	1668283	Waste Management	413905	10	MSW
9/9/2022	9:42	1668303	Waste Management	413905	3	MSW
9/9/2022	7:38	1668253	Waste Management	413905	16.7	MSW
9/12/2022	8:59	1668743	Waste Management	413907	3.09	MSW
9/12/2022	14:02	537172	Waste Management	413907	5.84	MSW
9/12/2022	15:24	537210	Waste Management	413907	1.46	MSW
9/12/2022	7:46	1668704	Waste Management	413907	2.35	MSW
9/13/2022	9:42	1669062	Waste Management	413905	4.18	MSW
9/13/2022	8:57	1669046	Waste Management	413905	4.37	MSW
9/15/2022	8:33	1669579	Waste Management	413905	5.24	MSW
9/15/2022	7:29	1669550	Waste Management	413905	5.02	MSW
9/16/2022	15:16	1670064	Waste Management	411333	6.09	MSW
9/16/2022	14:28	1670046	Waste Management	411333	7.79	MSW
9/20/2022	11:48	1680578	Waste Management	413905	0.65	MSW
9/20/2022	13:17	1670631	Waste Management	413905	3.87	MSW
9/20/2022	11:03	1670551	Waste Management	413905	3.61	MSW
9/22/2022	12:02	1671113	Waste Management	413905	4.27	MSW
9/22/2022	11:13	1671094	Waste Management	413905	3.95	MSW
10/3/2022	14:57	1673142	Waste Management	413905	6.73	MSW
10/3/2022	14:17	1673134	Waste Management	413905	4.86	MSW
10/4/2022	8:52	1673238	Waste Management	413905	4.82	MSW
10/5/2022	7:29	1673517	Waste Management	413907	4.59	MSW
10/6/2022	11:25	1673918	Waste Management	413907	3.87	MSW
10/6/2022	13:15	1673973	Waste Management	413907	3.18	MSW
10/6/2022	10:38	1673896	Waste Management	413907	2.72	MSW
10/7/2022	7:41	1674098	Waste Management	413909	0.97	MSW
10/11/2022	11:53	1674809	Waste Management	413907	2.85	MSW
10/24/2022	10:51	1677148	Waste Management	413907	2.03	MSW
10/24/2022	12:46	1677206	Waste Management	413907	2.45	MSW
10/31/2022	11:15	1678649	Waste Management	413912	3.22	MSW
10/31/2022	15:40	544786	Waste Management	413905	3.66	MSW
11/2/2022	7:22	1679119	Waste Management	413905	2.28	MSW
11/3/2022	8:05	1679413	Waste Management	413905	3.72	MSW
11/3/2022	7:21	1679399	Waste Management	413905	3.43	MSW
11/4/2022	10:55	1679789	Waste Management	413907	3.4	MSW
11/4/2022	12:48	1679853	Waste Management	413907	3.61	MSW
11/4/2022	9:54	1679749	Waste Management	413907	3.31	MSW
11/7/2022	13:10	1680195	Waste Management	413907	4.52	MSW

Table 19
Waste Disposal Summary - Other
Final Engineering Report (FER)
67-89 Canal Street, Rochester, NY
BCP Site #C828206

11/8/2022	14:38	1690584	Waste Management	413907	3.72	MSW
11/10/2022	14:19	1681150	Waste Management	413905	10.56	MSW
11/14/2022	15:03	1681760	Waste Management	413907	4.69	MSW
11/15/2022	11:10	1681910	Waste Management	413903	8.01	MSW
11/15/2022	9:52	1681868	Waste Management	413903	1.39	MSW
11/16/2022	12:28	1682236	Waste Management	413907	3.5	MSW
11/17/2022	15:00	1682570	Waste Management	413907	4.63	MSW
11/17/2022	14:19	1682555	Waste Management	413907	10.75	MSW
11/18/2022	13:23	1682792	Waste Management	413907	3.02	MSW
11/18/2022	11:28	1682733	Waste Management	413907	5.42	MSW
11/21/2022	14:54	547926	Waste Management	413905	3.41	MSW
11/22/2022	11:51	1683311	Waste Management	413905	2.93	MSW
11/22/2022	12:41	1683330	Waste Management	413905	2.76	MSW
11/23/2022	9:21	1683487	Waste Management	413907	3.09	MSW
11/28/2022	9:00	1684121	Waste Management	413905	3.41	MSW
11/30/2022	13:09	1684831	Waste Management	413907	3.07	MSW
11/30/2022	11:32	1684775	Waste Management	413907	4.35	MSW
12/2/2022	8:02	1685158	Waste Management	413907	3.6	MSW
12/2/2022	9:10	1685187	Waste Management	413907	1.43	MSW
12/6/2022	10:21	1685791	Waste Management	413907	3.78	MSW
12/6/2022	8:56	1685755	Waste Management	413907	3.74	MSW
12/15/2022	9:56	1687657	Waste Management	413905	2.69	MSW
12/19/2022	8:32	1688096	Waste Management	413905	4.83	MSW
12/20/2022	11:25	1688424	Waste Management	413903	1.86	MSW
12/20/2022	10:12	1688381	Waste Management	413903	3.12	MSW
12/21/2022	13:51	1688727	Waste Management	415622	4.01	MSW
12/22/2022	8:48	1688832	Waste Management	416375	2.19	MSW
12/30/2022	9:21	1690216	Waste Management	415622	3.84	MSW
12/30/2022	13:09	1690340	Waste Management	415622	4.58	MSW
1/3/2023	11:39	1690813	Waste Management	413903	4.37	MSW
1/3/2023	12:42	1690847	Waste Management	413903	3.82	MSW
1/5/2023	9:47	1691240	Waste Management	413905	3.73	MSW
1/11/2023	7:25	1692230	Waste Management	413909	3.86	MSW
1/12/2023	8:27	1692491	Waste Management	416375	3.4	MSW
1/12/2023	7:36	1692477	Waste Management	416375	3.47	MSW
1/13/2023	7:53	1692734	Waste Management	UNK	6.82	MSW
1/13/2023	9:11	1692762	Waste Management	413907	5.74	MSW
1/13/2023	10:13	1692788	Waste Management	413907	4.75	MSW
1/17/2023	10:29	1693226	Waste Management	413907	6.34	MSW
1/17/2023	12:08	1693280	Waste Management	413907	11.65	MSW
1/18/2023	12:58	1693566	Waste Management	413907	7.06	MSW
1/18/2023	14:30	1693610	Waste Management	413907	2.91	MSW
1/24/2023	8:59	1694539	Waste Management	413908	7.55	MSW
1/25/2023	13:40	1694925	Waste Management	413907	3.2	MSW
1/25/2023	14:41	1694943	Waste Management	413907	7.92	MSW
1/30/2023	13:49	1695641	Waste Management	415622	3.74	MSW
1/30/2023	14:50	1695668	Waste Management	413909	5.18	MSW
2/1/2023	10:24	1696025	Waste Management	413907	5.29	MSW
2/10/2023	12:06	1697837	Waste Management	411765	9.48	MSW
2/16/2023	13:24	1698942	Waste Management	413907	7.93	MSW
2/16/2023	8:31	1698776	Waste Management	413907	9.42	MSW
2/17/2023	7:28	1699025	Waste Management	413907	12.76	MSW

Table 19
Waste Disposal Summary - Other
Final Engineering Report (FER)
67-89 Canal Street, Rochester, NY
BCP Site #C828206

TOTAL:		**815.32**

Notes and Abbreviations:

UNK	Unknown information at this time.
MSW	Municipal Solid Waste
C&D	Construction and Demolition

Table 20
Summary of Analytical Results for Waste Characterization - Solid
Final Engineering Report (FER)
67- 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location				4-LEAD-G1	4-LEAD-G2	4-LEAD-G3	4-LEAD-G4	4-LEAD-G5	4-LEAD-G6	CNL-4-WC-G	CNL-4-WC	CNL-F1WC	CNL-SP7-C		CNL-SP7-G1	CNL-SP7-G2	CNL-SP7-G3	CNL-SP7-G4
Sample Date				10-Nov-22	10-Nov-22	10-Nov-22	10-Nov-22	21-Dec-22	21-Dec-22	7-Jun-23	7-Jun-23	7-Jun-22	3-Jan-23	3-Jan-23	3-Jan-23	3-Jan-23	3-Jan-23	3-Jan-23
Sample ID				4-LEAD-G1	4-LEAD-G2	4-LEAD-G3	4-LEAD-G4	CNL-4-LEAD-G5-S	CNL-4-LEAD-G6-S	CNL-4-WC-G-S	CNL-4-WC-S	CNL-F1WC-S	CNL - SP7 - C - S	CNL - SP7 - C - S	CNL - SP7 - G1 - S	CNL - SP7 - G2 - S	CNL - SP7 - G3 - S	CNL - SP7 - G4 - S
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	ALPHA	STANTEC	PARAROCH	PARAROCH	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ERF	ERF	ERF	ERF	ERF	ERF	ERF	L2331927	ERF	230013	230013	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order				480-203800-1	480-203800-1	480-203800-1	480-203800-1	480-205006-1	480-205006-1	480-205006-1	L2331927	480-198769-1	230013	230013-05A	230013	230013	230013	230013
Laboratory Sample ID				480-203800-1	480-203800-2	480-203800-3	480-203800-4	480-205006-1	480-205006-2	L2331927-02	L2331927-01	480-198769-1	230013-05		230013-01	230013-02	230013-03	230013-04
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51															
General Chemistry																		
Cyanide (Reactive)	mg/kg	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flashpoint	deg F	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ignitability	mm/sec	n/v	n/v	-	-	-	-	-	-	-	-	-	NoBurn	-	-	-	-	-
Ignitability	none	n/v	n/v	-	-	-	-	-	-	-	0 U	-	-	-	-	-	-	-
pH, lab	S.U.	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfate (Soluble)	mg/Kg	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfide (Reactive)	mg/kg	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulfur	mg/Kg	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Temperature, Lab	deg C	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Solids	%	n/v	n/v	-	-	-	-	-	-	89.3	89.0	-	-	-	-	-	-	-
Metals																		
Aluminum	mg/kg	$10{,}000_g^{ABC}$	$10{,}000_a^{E}$	-	-	-	-	-	-	-	-	-	4,360	-	-	-	-	-
Antimony	mg/kg	$10{,}000_g^{ABC}$	$10{,}000_a^{E}$	-	-	-	-	-	-	-	-	-	3.31 U	-	-	-	-	-
Arsenic	mg/kg	13_n^{A} 16_g^{BC}	n/v	-	-	-	-	-	-	-	2.74	-	3.33 D	-	-	-	-	-
Barium	mg/kg	350_n^{A} 400^{B} 820^{C}	n/v	-	-	-	-	-	-	-	23.3	-	28.4	-	-	-	-	-
Beryllium	mg/kg	7.2^{A} 72^{B} 47^{C}	n/v	-	-	-	-	-	-	-	-	-	0.276 U	-	-	-	-	-
Cadmium	mg/kg	2.5_n^{A} 4.3^{B} 7.5^{C}	n/v	-	-	-	-	-	-	-	0.088 J	-	0.315	-	-	-	-	-
Calcium	mg/kg	$10{,}000_g^{ABC}$	$10{,}000_a^{E}$	-	-	-	-	-	-	-	-	-	**34,600**^{ABCE}	-	-	-	-	-
Chromium	mg/kg	$30_{n,i}^{A}$ $180_{NS,g}^{B}$ ^{C}	n/v	-	-	-	-	-	-	-	6.10	-	5.88	-	-	-	-	-
Cobalt	mg/kg	$10{,}000_g^{ABC}$	$10{,}000_a^{E}$	-	-	-	-	-	-	-	-	-	3.62	-	-	-	-	-
Copper	mg/kg	50^{A} 270^{B} $1{,}720^{C}$	n/v	-	-	-	-	-	-	-	-	-	12.7	-	-	-	-	-
Iron	mg/kg	$10{,}000_g^{ABC}$	$10{,}000_a^{E}$	-	-	-	-	-	-	-	-	-	8,890	-	-	-	-	-
Lead	mg/kg	63_n^{A} 400^{B} 450^{C}	n/v	-	-	-	-	-	-	-	7.55	-	**82.4 D**^{A}	-	-	-	-	-
Magnesium	mg/kg	$10{,}000_g^{ABC}$	n/v	-	-	-	-	-	-	-	-	-	6,960	-	-	-	-	-
Manganese	mg/kg	$1{,}600_n^{A}$ $2{,}000_g^{BC}$	n/v	-	-	-	-	-	-	-	-	-	291 M	-	-	-	-	-
Mercury	mg/kg	0.18_n^{A} 0.81_g^{B} 0.73^{C}	n/v	-	-	-	-	-	-	-	0.079 U	-	0.0648	-	-	-	-	-
Nickel	mg/kg	30^{A} 310^{B} 130^{C}	n/v	-	-	-	-	-	-	-	-	-	6.54	-	-	-	-	-
Potassium	mg/kg	$10{,}000_g^{ABC}$	n/v	-	-	-	-	-	-	-	-	-	866	-	-	-	-	-
Selenium	mg/kg	3.9_n^{A} 180^{B} 4_a^{C}	n/v	-	-	-	-	-	-	-	0.862 U	-	1.10 U	-	-	-	-	-
Silver	mg/kg	2^{A} 180^{B} 8.3^{C}	n/v	-	-	-	-	-	-	-	0.215 U	-	0.552 U	-	-	-	-	-
Sodium	mg/kg	$10{,}000_g^{ABC}$	n/v	-	-	-	-	-	-	-	-	-	138 U	-	-	-	-	-
Thallium	mg/kg	$10{,}000_g^{ABC}$	$10{,}000_a^{E}$	-	-	-	-	-	-	-	-	-	1.38 U	-	-	-	-	-
Vanadium	mg/kg	$10{,}000_g^{ABC}$	$10{,}000_a^{E}$	-	-	-	-	-	-	-	-	-	11.3	-	-	-	-	-
Zinc	mg/kg	109_n^{A} $10{,}000_a^{B}$ $2{,}480^{C}$	n/v	-	-	-	-	-	-	-	-	-	39.5	-	-	-	-	-
Metals - TCLP																		
Arsenic	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	0.075 U	-	-	-	-	-	-
Barium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	1 U	-	-	-	-	-	-
Cadmium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	0.020 U	-	-	-	-	-	-
Chromium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-
Lead	mg/L	n/v	n/v	0.031	0.12	0.078	0.057	0.021	0.26	-	-	0.210	-	0.500 U	-	-	-	-
Mercury	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	0.00020 U	-	-	-	-	-	-
Selenium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	0.100 U	-	-	-	-	-	-
Silver	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-
Polychlorinated Biphenyls																		
Aroclor 1016	µg/kg	$_o^{ABC}$	n/v	-	-	-	-	-	-	-	-	67 U	170 U	-	-	-	-	-
Aroclor 1221	µg/kg	$_o^{ABC}$	n/v	-	-	-	-	-	-	-	-	67 U	170 U	-	-	-	-	-
Aroclor 1232	µg/kg	$_o^{ABC}$	n/v	-	-	-	-	-	-	-	-	67 U	170 U	-	-	-	-	-
Aroclor 1242	µg/kg	$_o^{ABC}$	n/v	-	-	-	-	-	-	-	-	67 U	170 U	-	-	-	-	-
Aroclor 1248	µg/kg	$_o^{ABC}$	n/v	-	-	-	-	-	-	-	-	67 U	170 U	-	-	-	-	-
Aroclor 1254	µg/kg	$_o^{ABC}$	n/v	-	-	-	-	-	-	-	-	67 U	170 U	-	-	-	-	-
Aroclor 1260	µg/kg	$_o^{ABC}$	n/v	-	-	-	-	-	-	-	-	67 U	170 U	-	-	-	-	-
Aroclor 1262	µg/kg	$_o^{ABC}$	n/v	-	-	-	-	-	-	-	-	67 U	170 U	-	-	-	-	-
Aroclor 1268	µg/kg	$_o^{ABC}$	n/v	-	-	-	-	-	-	-	-	67 U	170 U	-	-	-	-	-
Polychlorinated Biphenyls (PCBs)	µg/kg	100^{A} $1{,}000^{B}$ $3{,}200^{C}$	n/v	-	-	-	-	-	-	-	-	67 U	-	-	-	-	-	-

See notes on last page.

Table 20
Summary of Analytical Results for Waste Characterization - Solid
Final Engineering Report (FER)
67- 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51	4-LEAD-G1 10-Nov-22 4-LEAD-G1 STANTEC ERF 480-203800-1 480-203800-1	4-LEAD-G2 10-Nov-22 4-LEAD-G2 STANTEC ERF 480-203800-1 480-203800-2	4-LEAD-G3 10-Nov-22 4-LEAD-G3 STANTEC ERF 480-203800-1 480-203800-3	4-LEAD-G4 10-Nov-22 4-LEAD-G4 STANTEC ERF 480-203800-1 480-203800-4	4-LEAD-G5 21-Dec-22 CNL-4-LEAD-G5-S STANTEC ERF 480-205006-1 480-205006-1	4-LEAD-G6 21-Dec-22 CNL-4-LEAD-G6-S STANTEC ERF 480-205006-1 480-205006-2	CNL-4-WC-G 7-Jun-23 CNL-4-WC-G-S STANTEC ALPHA L2331927 L2331927-02	CNL-4-WC 7-Jun-23 CNL-4-WC-S STANTEC ALPHA L2331927 L2331927-01	CNL-F1WC 7-Jun-22 CNL-F1WC-S STANTEC ERF 480-198769-1 480-198769-1	CNL-SP7-C 3-Jan-23 CNL - SP7 - C - S STANTEC PARAROCH 230013 230013-05	CNL-SP7-C 3-Jan-23 CNL - SP7 - C - S STANTEC PARAROCH 230013 230013-05A	CNL-SP7-G1 3-Jan-23 CNL - SP7 - G1 - S STANTEC PARAROCH 230013 230013-01	CNL-SP7-G2 3-Jan-23 CNL - SP7 - G2 - S STANTEC PARAROCH 230013 230013-02	CNL-SP7-G3 3-Jan-23 CNL - SP7 - G3 - S STANTEC PARAROCH 230013 230013-03	CNL-SP7-G4 3-Jan-23 CNL - SP7 - G4 - S STANTEC PARAROCH 230013 230013-04
Pesticides																		
2,4,5-TP (Silvex)	µg/kg	3,800[AC] 100,000$_b$[B]	n/v	-	-	-	-	-	-	-	-	-	350 U	-	-	-	-	-
Aldrin	µg/kg	5$_n$[A] 97[B] 190[C]	n/v	-	-	-	-	-	-	-	-	-	2.0 U	-	-	-	-	-
BHC, alpha-	µg/kg	20[AC] 480[B]	n/v	-	-	-	-	-	-	-	-	-	2.0 U	-	-	-	-	-
BHC, beta-	µg/kg	36[A] 360[B] 90[C]	n/v	-	-	-	-	-	-	-	-	-	2.0 U	-	-	-	-	-
BHC, delta-	µg/kg	40$_n$[A] 100,000$_a$[B] 250[C]	n/v	-	-	-	-	-	-	-	-	-	2.0 U	-	-	-	-	-
Camphechlor (Toxaphene)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	200 U	-	-	-	-	-
Chlordane (Total)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	200 U	-	-	-	-	-
Chlordane, alpha-	µg/kg	94[A] 4,200[B] 2,900[C]	n/v	-	-	-	-	-	-	-	-	-	2.0 U	-	-	-	-	-
Chlordane, trans- (gamma-Chlordane)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	2.0 U	-	-	-	-	-
DDD (p,p'-DDD)	µg/kg	3.3$_m$[A] 13,000[B] 14,000[C]	n/v	-	-	-	-	-	-	-	-	-	3.8 U	-	-	-	-	-
DDE (p,p'-DDE)	µg/kg	3.3$_m$[A] 8,900[B] 17,000[C]	n/v	-	-	-	-	-	-	-	-	-	3.8 U	-	-	-	-	-
DDT (p,p'-DDT)	µg/kg	3.3$_m$[A] 7,900[B] 136,000[C]	n/v	-	-	-	-	-	-	-	-	-	**6.00[A]**	-	-	-	-	-
Dichlorophenoxy acetic acid, 2,4- (2,4-D)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	500[E]	-	-	-	-	-	-	-	-	-	1,500 U	-	-	-	-	-
Dieldrin	µg/kg	5$_n$[A] 200[B] 100[C]	n/v	-	-	-	-	-	-	-	-	-	3.8 U	-	-	-	-	-
Endosulfan I	µg/kg	2,400$_l$[A] 24,000$_l$[B] 102,000[C]	n/v	-	-	-	-	-	-	-	-	-	2.0 U	-	-	-	-	-
Endosulfan II	µg/kg	2,400$_l$[A] 24,000$_l$[B] 102,000[C]	n/v	-	-	-	-	-	-	-	-	-	3.8 U	-	-	-	-	-
Endosulfan Sulfate	µg/kg	2,400[A] 24,000[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	3.8 U	-	-	-	-	-
Endrin	µg/kg	14[A] 11,000[B] 60[C]	n/v	-	-	-	-	-	-	-	-	-	3.8 U	-	-	-	-	-
Endrin Aldehyde	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	3.8 U	-	-	-	-	-
Endrin Ketone	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	3.8 U	-	-	-	-	-
Heptachlor	µg/kg	42[A] 2,100[B] 380[C]	n/v	-	-	-	-	-	-	-	-	-	2.0 U	-	-	-	-	-
Heptachlor Epoxide	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	20[E]	-	-	-	-	-	-	-	-	-	2.3 U	-	-	-	-	-
Lindane (Hexachlorocyclohexane, gamma)	µg/kg	100[AC] 1,300[B]	n/v	-	-	-	-	-	-	-	-	-	2.0 U	-	-	-	-	-
Methoxychlor (4,4'-Methoxychlor)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	900,000[E]	-	-	-	-	-	-	-	-	-	20 U	-	-	-	-	-
Trichlorophenoxy acetic acid, 2,4,5- (2,4,5-T)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	1,900[E]	-	-	-	-	-	-	-	-	-	350 U	-	-	-	-	-
Herbicides																		
2,4,5-T	ug/Kg																	
Silvex (2,4,5-TP)	ug/Kg																	
2,4-D	ug/Kg																	
Polycyclic Aromatic Hydrocarbons																		
Acenaphthene	µg/kg	20,000[A] 100,000$_b$[B] 98,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 107,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	1,000$_a$[A] 1,000$_a$[BC]	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1,000$_n$[A] 1,000$_a$[B] 22,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	1,000$_a$[A] 1,000$_b$[B] 1,700[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	100,000[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	800$_a$[A] 3,900[B] 1,700[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	1,000$_a$[A] 3,900[B] 1,000$_a$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	µg/kg	330$_m$[A] 330$_l$[B] 1,000,000$_a$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	µg/kg	30,000[A] 100,000$_b$[B] 386,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	500$_a$[A] 500$_a$[B] 8,200[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	12,000[AC] 100,000$_b$[B]	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	100,000[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	µg/kg	100,000[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See notes on last page.

Table 20
Summary of Analytical Results for Waste Characterization - Solid
Final Engineering Report (FER)
67- 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location				4-LEAD-G1	4-LEAD-G2	4-LEAD-G3	4-LEAD-G4	4-LEAD-G5	4-LEAD-G6	CNL-4-WC-G	CNL-4-WC	CNL-F1WC	CNL-SP7-C		CNL-SP7-G1	CNL-SP7-G2	CNL-SP7-G3	CNL-SP7-G4
Sample Date				10-Nov-22	10-Nov-22	10-Nov-22	10-Nov-22	21-Dec-22	21-Dec-22	7-Jun-23	7-Jun-23	7-Jun-22	3-Jan-23	3-Jan-23	3-Jan-23	3-Jan-23	3-Jan-23	3-Jan-23
Sample ID				4-LEAD-G1	4-LEAD-G2	4-LEAD-G3	4-LEAD-G4	CNL-4-LEAD-G5-S	CNL-4-LEAD-G6-S	CNL-4-WC-G-S	CNL-4-WC-S	CNL-F1WC-S	CNL - SP7 - C - S	CNL - SP7 - C - S	CNL - SP7 - G1 - S	CNL - SP7 - G2 - S	CNL - SP7 - G3 - S	CNL - SP7 - G4 - S
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	ALPHA	STANTEC	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory				ERF	ERF	ERF	ERF	ERF	ERF	ALPHA	ALPHA	ERF	230013	230013	230013	230013	230013	230013
Laboratory Work Order				480-203800-1	480-203800-1	480-203800-1	480-203800-1	480-205006-1	480-205006-1	L2331927	L2331927	480-198769-1	230013-05	230013-05A	230013-01	230013-02	230013-03	230013-04
Laboratory Sample ID				480-203800-1	480-203800-2	480-203800-3	480-203800-4	480-205006-1	480-205006-2	L2331927-02	L2331927-01	480-198769-1						
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51															
Semi-Volatile Organic Compounds																		
Acenaphthene	µg/kg	20,000[A] 100,000[B] 98,000[C]	n/v	-	-	-	-	-	-	-	150 U	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	100,000[a,A] 100,000[b,B] 107,000[C]	n/v	-	-	-	-	-	-	-	150 U	-	-	-	-	-	-	-
Acetophenone	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Anthracene	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	110 U	-	-	-	-	-	-	-
Atrazine	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	150 U	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	240 U	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	1,000[n,A] 1,000[g,BC]	n/v	-	-	-	-	-	-	-	51 J	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1,000[n,A] 1,000[b,B] 22,000[C]	n/v	-	-	-	-	-	-	-	53 J	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	1,000[a,A] 1,000[b,B] 1,700[C]	n/v	-	-	-	-	-	-	-	67 J	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	100,000[A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	34 J	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	800[n,A] 3,900[B] 1,700[C]	n/v	-	-	-	-	-	-	-	110 U	-	-	-	-	-	-	-
Biphenyl	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	25 J	-	-	-	-	-	-	-
Bis(2-Chloroethoxy)methane	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	200 U	-	-	-	-	-	-	-
Bis(2-Chloroethyl)ether	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	170 U	-	-	-	-	-	-	-
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	220 U	-	-	-	-	-	-	-
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	435,000[E]	-	-	-	-	-	-	-	76 J	-	-	-	-	-	-	-
Bromophenyl Phenyl Ether, 4-	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Butyl Benzyl Phthalate	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	122,000[E]	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Caprolactam	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Carbazole	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Chloro-3-methyl phenol, 4-	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Chloroaniline, 4-	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	220[E]	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Chloronaphthalene, 2-	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Chlorophenyl Phenyl Ether, 4-	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Chrysene	µg/kg	1,000[a,A] 3,900[B] 1,000[g,C]	n/v	-	-	-	-	-	-	-	54 J	-	-	-	-	-	-	-
Cresol, m & p- (Methylphenol, 3&4-)	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	270 U	-	-	-	-	-	-	-
Cresol, o- (Methylphenol, 2-)	µg/kg	330[m,A] 100,000[b,B] 330[C]	n/v	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Cresol, p- (Methylphenol, 4-)	µg/kg	330[m,A] 100,000[b,B] 330[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	µg/kg	330[m,A] 330[h,B] 1,000,000[g,C]	n/v	-	-	-	-	-	-	-	110 U	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	7,000[A] 59,000[B] 210,000[C]	6,200[E]	-	-	-	-	-	-	-	20 J	-	-	-	-	-	-	-
Dibutyl Phthalate (DBP)	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	8,100[E]	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Dichlorobenzidine, 3,3'-	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Dichlorophenol, 2,4-	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	400[E]	-	-	-	-	-	-	-	170 U	-	-	-	-	-	-	-
Diethyl Phthalate	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	7,100[E]	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Dimethyl Phthalate	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	27,000[E]	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Dimethylphenol, 2,4-	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Dinitro-o-cresol, 4,6-	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	480 U	-	-	-	-	-	-	-
Dinitrophenol, 2,4-	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	200[E]	-	-	-	-	-	-	-	890 U	-	-	-	-	-	-	-
Dinitrotoluene, 2,4-	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Dinitrotoluene, 2,6-	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	1,000/170[b,s1,E]	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Di-n-Octyl phthalate	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	120,000[E]	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Dioxane, 1,4-	µg/kg	100[m,A] 13,000[B] 100[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	130	-	-	-	-	-	-	-
Fluorene	µg/kg	30,000[A] 100,000[b,B] 386,000[C]	n/v	-	-	-	-	-	-	-	31 J	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	330[m,A] 1,200[B] 3,200[C]	1,400[E]	-	-	-	-	-	-	-	110 U	-	-	-	-	-	-	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	530 U	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	150 U	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	500[n,A] 500[g,B] 8,200[C]	n/v	-	-	-	-	-	-	-	30 J	-	-	-	-	-	-	-
Isophorone	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	4,400[E]	-	-	-	-	-	-	-	170 U	-	-	-	-	-	-	-
Methylnaphthalene, 2-	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	36,400[E]	-	-	-	-	-	-	-	110 J	-	-	-	-	-	-	-
Naphthalene	µg/kg	12,000[AC] 100,000[B]	n/v	-	-	-	-	-	-	-	63 J	-	-	-	-	-	-	-
Nitroaniline, 2-	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	400[E]	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Nitroaniline, 3-	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	500[E]	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Nitroaniline, 4-	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	15,000[D] 170[b,E]	-	-	-	-	-	-	-	170 U	-	-	-	-	-	-	-
Nitrophenol, 2-	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	300[E]	-	-	-	-	-	-	-	400 U	-	-	-	-	-	-	-
Nitrophenol, 4-	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	100[E]	-	-	-	-	-	-	-	260 U	-	-	-	-	-	-	-
N-Nitrosodi-n-Propylamine	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
n-Nitrosodiphenylamine	µg/kg	100,000[a,A] 100,000[b,B] 1,000,000[d,C]	n/v	-	-	-	-	-	-	-	150 U	-	-	-	-	-	-	-

See notes on last page.

Table 20
Summary of Analytical Results for Waste Characterization - Solid
Final Engineering Report (FER)
67- 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location				4-LEAD-G1	4-LEAD-G2	4-LEAD-G3	4-LEAD-G4	4-LEAD-G5	4-LEAD-G6	CNL-4-WC-G	CNL-4-WC	CNL-F1WC	CNL-SP7-C		CNL-SP7-G1	CNL-SP7-G2	CNL-SP7-G3	CNL-SP7-G4
Sample Date				10-Nov-22	10-Nov-22	10-Nov-22	10-Nov-22	21-Dec-22	21-Dec-22	7-Jun-23	7-Jun-23	7-Jun-22	3-Jan-23	3-Jan-23	3-Jan-23	3-Jan-23	3-Jan-23	3-Jan-23
Sample ID				4-LEAD-G1	4-LEAD-G2	4-LEAD-G3	4-LEAD-G4	CNL-4-LEAD-G5-S	CNL-4-LEAD-G6-S	CNL-4-WC-G-S	CNL-4-WC-S	CNL-F1WC-S	CNL - SP7 - C - S	CNL - SP7 - C - S	CNL - SP7 - G1 - S	CNL - SP7 - G2 - S	CNL - SP7 - G3 - S	CNL - SP7 - G4 - S
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	ALPHA	STANTEC	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory				ERF	ERF	ERF	ERF	ERF	ERF	ALPHA	ALPHA	ERF	230013	230013	230013	230013	230013	230013
Laboratory Work Order				480-203800-1	480-203800-1	480-203800-1	480-203800-1	480-205006-1	480-205006-1	L2331927	L2331927	480-198769-1	230013-05	230013-05A	230013-01	230013-02	230013-03	230013-04
Laboratory Sample ID				480-203800-1	480-203800-2	480-203800-3	480-203800-4	480-205006-1	480-205006-2	L2331927-02	L2331927-01	480-198769-1						
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51															
Semi-Volatile Organic Compounds																		
Pentachlorophenol	µg/kg	800$_m$[A] 6,700[B] 800$_i$[C]	n/v	-	-	-	-	-	-	-	150 U	-	-	-	-	-	-	-
Phenanthrene	µg/kg	100,000[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	170	-	-	-	-	-	-	-
Phenol	µg/kg	330$_m$[A] 100,000$_b$[B] 330$_f$[C]	n/v	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Pyrene	µg/kg	100,000[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	120	-	-	-	-	-	-	-
Tetrachlorobenzene, 1,2,4,5-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Tetrachlorophenol, 2,3,4,6-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Trichlorophenol, 2,4,5-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	100[E]	-	-	-	-	-	-	-	190 U	-	-	-	-	-	-	-
Trichlorophenol, 2,4,6-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	110 U	-	-	-	-	-	-	-
SVOC TICs																		
Total SVOC TICs	µg/kg	n/v	n/v	-	-	-	-	-	-	-	12,700 J	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds - TCLP																		
Cresol, m & p- (Methylphenol, 3&4-)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	0.010 U	-	-	-	-	-	-
Cresol, o- (Methylphenol, 2-)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	0.010 U	-	-	-	-	-	-
Dichlorobenzene, 1,4-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	0.010 U	-	-	-	-	-	-
Dinitrotoluene, 2,4-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	0.0020 U	-	-	-	-	-	-
Hexachlorobenzene	mg/L	n/v	1.4[E]	-	-	-	-	-	-	-	-	0.0010 U	-	-	-	-	-	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	0.0020 U	-	-	-	-	-	-
Hexachloroethane	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	0.0020 U	-	-	-	-	-	-
Nitrobenzene	mg/L	n/v	15[D] 0.17$_b$[E]	-	-	-	-	-	-	-	-	0.0010 U	-	-	-	-	-	-
Pentachlorophenol	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	0.030 U	-	-	-	-	-	-
Pyridine	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	0.010 U	-	-	-	-	-	-
Trichlorophenol, 2,4,5-	mg/L	n/v	0.1[E]	-	-	-	-	-	-	-	-	0.010 U	-	-	-	-	-	-
Trichlorophenol, 2,4,6-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	0.010 U	-	-	-	-	-	-
Volatile Organic Compounds																		
Acetone	µg/kg	50[AC] 100,000$_b$[B]	n/v	-	-	-	-	-	-	510 U	-	-	-	-	37.0 U	35.6 U	38.7 U	34.3 U
Benzene	µg/kg	60[AC] 4,800[B]	n/v	-	-	-	-	-	-	26 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Bromodichloromethane	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	26 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Bromoform (Tribromomethane)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	200 U	-	-	-	-	18.5 U	17.8 U	19.3 U	17.1 U
Bromomethane (Methyl bromide)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	100 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Butylbenzene, n-	µg/kg	12,000[AC] 100,000$_b$[B]	n/v	-	-	-	-	-	-	1,000	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11,000[AC] 100,000$_b$[B]	n/v	-	-	-	-	-	-	740	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Butylbenzene, tert-	µg/kg	5,900[AC] 100,000$_b$[B]	n/v	-	-	-	-	-	-	38 J	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Carbon Disulfide	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	2,700[E]	-	-	-	-	-	-	510 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760[AC] 2,400[B]	n/v	-	-	-	-	-	-	51 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Chlorobenzene (Monochlorobenzene)	µg/kg	1,100[AC] 100,000$_b$[B]	n/v	-	-	-	-	-	-	26 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Chlorobromomethane	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	18.5 U	17.8 U	19.3 U	17.1 U
Chloroethane (Ethyl Chloride)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	1,900[E]	-	-	-	-	-	-	100 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Chloroform (Trichloromethane)	µg/kg	370[AC] 49,000[B]	n/v	-	-	-	-	-	-	77 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Chloromethane	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	200 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Cyclohexane	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	510 U	-	-	-	-	37.0 U	35.6 U	38.7 U	34.3 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	150 U	-	-	-	-	37.0 U	35.6 U	38.7 U	34.3 U
Dibromochloromethane	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	51 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Dichlorobenzene, 1,2-	µg/kg	1,100[AC] 100,000$_b$[B]	n/v	-	-	-	-	-	-	100 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Dichlorobenzene, 1,3-	µg/kg	2,400[AC] 49,000[B]	n/v	-	-	-	-	-	-	100 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Dichlorobenzene, 1,4-	µg/kg	1,800[AC] 13,000[B]	n/v	-	-	-	-	-	-	100 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Dichlorodifluoromethane (Freon 12)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	510 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Dichloroethane, 1,1-	µg/kg	270[AC] 26,000[B]	n/v	-	-	-	-	-	-	51 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Dichloroethane, 1,2-	µg/kg	20$_m$[A] 3,100[B] 20$_g$[C]	n/v	-	-	-	-	-	-	51 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Dichloroethene, 1,1-	µg/kg	330[AC] 100,000$_b$[B]	n/v	-	-	-	-	-	-	51 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Dichloroethene, cis-1,2-	µg/kg	250[AC] 100,000$_b$[B]	n/v	-	-	-	-	-	-	51 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Dichloroethene, trans-1,2-	µg/kg	190[AC] 100,000$_b$[B]	n/v	-	-	-	-	-	-	77 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Dichloropropane, 1,2-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	51 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Dichloropropene, cis-1,3-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	26 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Dichloropropene, trans-1,3-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	51 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Dioxane, 1,4-	µg/kg	100$_m$[A] 13,000[B] 100$_i$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	37.0 U	35.6 U	38.7 U	34.3 U
Ethylbenzene	µg/kg	1,000[AC] 41,000[B]	n/v	-	-	-	-	-	-	28 J	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	51 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	510 U	-	-	-	-	18.5 U	17.8 U	19.3 U	17.1 U
Isopropylbenzene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	2,300[E]	-	-	-	-	-	-	120	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Isopropyltoluene, p- (Cymene)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	10,000[E]	-	-	-	-	-	-	660	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Methyl Acetate	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	400	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	120[AC] 100,000$_b$[B]	300[E]	-	-	-	-	-	-	510 U	-	-	-	-	37.0 U	35.6 U	38.7 U	34.3 U
Methyl Isobutyl Ketone (MIBK)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	1,000[E]	-	-	-	-	-	-	510 U	-	-	-	-	18.5 U	17.8 U	19.3 U	17.1 U
Methyl tert-butyl ether (MTBE)	µg/kg	930[AC] 100,000$_b$[B]	n/v	-	-	-	-	-	-	100 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Methylcyclohexane	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	200 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Methylene Chloride (Dichloromethane)	µg/kg	50[AC] 100,000$_b$[B]	n/v	-	-	-	-	-	-	260 U	-	-	-	-	18.5 U	17.8 U	19.3 U	17.1 U

See notes on last page.

Table 20
Summary of Analytical Results for Waste Characterization - Solid
Final Engineering Report (FER)
67- 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location				4-LEAD-G1	4-LEAD-G2	4-LEAD-G3	4-LEAD-G4	4-LEAD-G5	4-LEAD-G6	CNL-4-WC-G	CNL-4-WC	CNL-F1WC	CNL-SP7-C		CNL-SP7-G1	CNL-SP7-G2	CNL-SP7-G3	CNL-SP7-G4
Sample Date				10-Nov-22	10-Nov-22	10-Nov-22	10-Nov-22	21-Dec-22	21-Dec-22	7-Jun-23	7-Jun-23	7-Jun-22	3-Jan-23	3-Jan-23	3-Jan-23	3-Jan-23	3-Jan-23	3-Jan-23
Sample ID				4-LEAD-G1	4-LEAD-G2	4-LEAD-G3	4-LEAD-G4	CNL-4-LEAD-G5-S	CNL-4-LEAD-G6-S	CNL-4-WC-G-S	CNL-4-WC-S	CNL-F1WC-S	CNL - SP7 - C - S	CNL - SP7 - C - S	CNL - SP7 - G1 - S	CNL - SP7 - G2 - S	CNL - SP7 - G3 - S	CNL - SP7 - G4 - S
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	ALPHA	STANTEC	PARAROCH	PARAROCH	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ERF	ERF	ERF	ERF	ERF	ERF	ALPHA	ALPHA	ERF	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order				480-203800-1	480-203800-1	480-203800-1	480-203800-1	480-205006-1	480-205006-1	L2331927	L2331927	480-198769-1	230013	230013	230013	230013	230013	230013
Laboratory Sample ID				480-203800-1	480-203800-2	480-203800-3	480-203800-4	480-205006-1	480-205006-2	L2331927-02	L2331927-01	480-198769-1	230013-05	230013-05A	230013-01	230013-02	230013-03	230013-04
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51															
Volatile Organic Compounds																		
Naphthalene	µg/kg	12,000[AC] 100,000[B]	n/v	-	-	-	-	-	-	260	-	-	-	-	18.5 U	17.8 U	19.3 U	17.1 U
Propylbenzene, n-	µg/kg	3,900[AC] 100,000[B]	n/v	-	-	-	-	-	-	460	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Styrene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	-	51 U	-	-	-	-	18.5 U	17.8 U	19.3 U	17.1 U
Tetrachloroethane, 1,1,2,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	600[E]	-	-	-	-	-	-	26 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Tetrachloroethene (PCE)	µg/kg	1,300[AC] 19,000[B]	n/v	-	-	-	-	-	-	26 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Toluene	µg/kg	700[AC] 100,000[B]	n/v	-	-	-	-	-	-	51 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Trichlorobenzene, 1,2,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	18.5 U	17.8 U	19.3 U	17.1 U
Trichlorobenzene, 1,2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	3,400[E]	-	-	-	-	-	-	100 U	-	-	-	-	18.5 U	17.8 U	19.3 U	17.1 U
Trichloroethane, 1,1,1-	µg/kg	680[AC] 100,000[B]	n/v	-	-	-	-	-	-	26 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Trichloroethane, 1,1,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	-	51 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Trichloroethene (TCE)	µg/kg	470[AC] 21,000[B]	n/v	-	-	-	-	-	-	26 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Trichlorofluoromethane (Freon 11)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	-	200 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Trichlorotrifluoroethane (Freon 113)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	6,000[E]	-	-	-	-	-	-	200 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Trimethylbenzene, 1,2,4-	µg/kg	3,600[AC] 52,000[B]	n/v	-	-	-	-	-	-	**3,700[AC]**	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Trimethylbenzene, 1,3,5-	µg/kg	8,400[AC] 52,000[B]	n/v	-	-	-	-	-	-	150	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Vinyl Chloride	µg/kg	20[AC] 900[B]	n/v	-	-	-	-	-	-	51 U	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Xylene, m & p-	µg/kg	260[A] 100,000[B,p] 1,600[C]	n/v	-	-	-	-	-	-	48 J	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Xylene, o-	µg/kg	260[A] 100,000[B,p] 1,600[C]	n/v	-	-	-	-	-	-	26 J	-	-	-	-	7.41 U	7.12 U	7.73 U	6.85 U
Xylenes, Total	µg/kg	260[A] 100,000[B] 1,600[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VOC TICs																		
Total VOC TICs	µg/kg	n/v	n/v	-	-	-	-	-	-	31,100 J	-	-	-	-	-	-	-	-
Volatile Organic Compounds - TCLP																		
Benzene	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	0.010 U	-	-	-	-	-	-
Carbon Tetrachloride (Tetrachloromethane)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	0.010 U *+	-	-	-	-	-	-
Chlorobenzene (Monochlorobenzene)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	0.010 U	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	0.010 U	-	-	-	-	-	-
Dichloroethane, 1,2-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	0.010 U	-	-	-	-	-	-
Dichloroethene, 1,1-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	0.010 U	-	-	-	-	-	-
Methyl Ethyl Ketone (MEK) (2-Butanone)	mg/L	n/v	0.3[E]	-	-	-	-	-	-	-	-	0.050 U	-	-	-	-	-	-
Tetrachloroethene (PCE)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	0.010 U	-	-	-	-	-	-
Trichloroethene (TCE)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	0.010 U	-	-	-	-	-	-
Vinyl Chloride	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	0.010 U	-	-	-	-	-	-

See notes on last page.

Table 20
Summary of Analytical Results for Waste Characterization - Solid
Final Engineering Report (FER)
67- 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location				SOUTH ANNEX - 3C1		SOUTH ANNEX - 3G1	SOUTH ANNEX - 3G2	SOUTH ANNEX - 3G3	SOUTH ANNEX - 3G4	SOUTH ANNEX - 4C1		SOUTH ANNEX - 4G1	SOUTH ANNEX - 4G2	SOUTH ANNEX - 4G3	SOUTH ANNEX - 4G4
Sample Date				18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22
Sample ID				SOUTH ANNEX - 3C1	SOUTH ANNEX - 3C1	SOUTH ANNEX - 3G1	SOUTH ANNEX - 3G2	SOUTH ANNEX - 3G3	SOUTH ANNEX - 3G4	SOUTH ANNEX - 4C1	SOUTH ANNEX - 4C1	SOUTH ANNEX - 4G1	SOUTH ANNEX - 4G2	SOUTH ANNEX - 4G3	SOUTH ANNEX - 4G4
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF
Laboratory Work Order				480-202926-1	480-202926-2	480-202926-1	480-202926-1	480-202926-1	480-202926-1	480-202926-1	480-202926-2	480-202926-1	480-202926-1	480-202926-1	480-202926-1
Laboratory Sample ID				480-202926-5	480-202926-5	480-202926-1	480-202926-2	480-202926-3	480-202926-4	480-202926-10	480-202926-10	480-202926-6	480-202926-7	480-202926-8	480-202926-9
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51												
General Chemistry															
Cyanide (Reactive)	mg/kg	n/v	n/v	58.8 U	-	-	-	-	-	59.1 U	-	-	-	-	-
Flashpoint	deg F	n/v	n/v	50.0 U	-	-	-	-	-	50.0 U	-	-	-	-	-
Ignitability	mm/sec	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Ignitability	none	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
pH, lab	S.U.	n/v	n/v	8.8 HF	-	-	-	-	-	8.7 HF	-	-	-	-	-
Sulfate (Soluble)	mg/Kg	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Sulfide (Reactive)	mg/kg	n/v	n/v	157 U F1	-	-	-	-	-	157 U	-	-	-	-	-
Sulfur	mg/Kg	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Temperature, Lab	deg C	n/v	n/v	19.0 HF	-	-	-	-	-	19.0 HF	-	-	-	-	-
Total Solids	%	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Metals															
Aluminum	mg/kg	$10{,}000_g^{ABC}$	$10{,}000_a^{E}$	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	$10{,}000_g^{ABC}$	$10{,}000_a^{E}$	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	13_n^{A} 16_g^{BC}	n/v	-	3.6	-	-	-	-	-	3.0	-	-	-	-
Barium	mg/kg	350_n^{A} 400^{B} 820^{C}	n/v	-	32.1	-	-	-	-	-	49.1	-	-	-	-
Beryllium	mg/kg	7.2^{A} 72^{B} 47^{C}	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	2.5_n^{A} 4.3^{B} 7.5^{C}	n/v	-	0.24 U	-	-	-	-	-	0.23 U	-	-	-	-
Calcium	mg/kg	$10{,}000_g^{ABC}$	$10{,}000_a^{E}$	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	$30_{n,i}^{A}$ 180^{B} $_{NS,g}^{C}$	n/v	-	7.8	-	-	-	-	-	7.8	-	-	-	-
Cobalt	mg/kg	$10{,}000_g^{ABC}$	$10{,}000_a^{E}$	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/kg	50^{A} 270^{B} $1{,}720^{C}$	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Iron	mg/kg	$10{,}000_g^{ABC}$	$10{,}000_a^{E}$	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	63_n^{A} 400^{B} 450^{C}	n/v	-	39.4	-	-	-	-	-	**68.4**^{A}	-	-	-	-
Magnesium	mg/kg	$10{,}000_g^{ABC}$	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	$1{,}600_n^{A}$ $2{,}000_g^{BC}$	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	0.18_n^{A} 0.81_g^{B} 0.73^{C}	n/v	-	0.037	-	-	-	-	-	**0.21**^{A}	-	-	-	-
Nickel	mg/kg	30^{A} 310^{B} 130^{C}	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	mg/kg	$10{,}000_g^{ABC}$	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	3.9_n^{A} 180^{B} 4_a^{C}	n/v	-	4.8 U	-	-	-	-	-	4.6 U	-	-	-	-
Silver	mg/kg	2^{A} 180^{B} 8.3^{C}	n/v	-	0.71 U	-	-	-	-	-	0.68 U	-	-	-	-
Sodium	mg/kg	$10{,}000_g^{ABC}$	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	$10{,}000_g^{ABC}$	$10{,}000_a^{E}$	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	$10{,}000_g^{ABC}$	$10{,}000_a^{E}$	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	109_n^{A} $10{,}000_a^{B}$ $2{,}480^{C}$	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Metals - TCLP															
Arsenic	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Barium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/L	n/v	n/v	0.020 U	-	-	-	-	-	19.7	-	-	-	-	-
Mercury	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Silver	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls															
Aroclor 1016	µg/kg	$_o^{ABC}$	n/v	270 U	-	-	-	-	-	210 U	-	-	-	-	-
Aroclor 1221	µg/kg	$_o^{ABC}$	n/v	270 U	-	-	-	-	-	210 U	-	-	-	-	-
Aroclor 1232	µg/kg	$_o^{ABC}$	n/v	270 U	-	-	-	-	-	210 U	-	-	-	-	-
Aroclor 1242	µg/kg	$_o^{ABC}$	n/v	270 U	-	-	-	-	-	210 U	-	-	-	-	-
Aroclor 1248	µg/kg	$_o^{ABC}$	n/v	270 U	-	-	-	-	-	210 U	-	-	-	-	-
Aroclor 1254	µg/kg	$_o^{ABC}$	n/v	270 U	-	-	-	-	-	210 U	-	-	-	-	-
Aroclor 1260	µg/kg	$_o^{ABC}$	n/v	270 U	-	-	-	-	-	210 U	-	-	-	-	-
Aroclor 1262	µg/kg	$_o^{ABC}$	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1268	µg/kg	$_o^{ABC}$	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls (PCBs)	µg/kg	100^{A} $1{,}000^{B}$ $3{,}200^{C}$	n/v	-	-	-	-	-	-	-	-	-	-	-	-

See notes on last page.

Table 20
Summary of Analytical Results for Waste Characterization - Solid
Final Engineering Report (FER)
67- 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location				SOUTH ANNEX - 3C1		SOUTH ANNEX - 3G1	SOUTH ANNEX - 3G2	SOUTH ANNEX - 3G3	SOUTH ANNEX - 3G4	SOUTH ANNEX - 4C1		SOUTH ANNEX - 4G1	SOUTH ANNEX - 4G2	SOUTH ANNEX - 4G3	SOUTH ANNEX - 4G4
Sample Date				18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22
Sample ID				SOUTH ANNEX - 3C1	SOUTH ANNEX - 3C1	SOUTH ANNEX - 3G1	SOUTH ANNEX - 3G2	SOUTH ANNEX - 3G3	SOUTH ANNEX - 3G4	SOUTH ANNEX - 4C1	SOUTH ANNEX - 4C1	SOUTH ANNEX - 4G1	SOUTH ANNEX - 4G2	SOUTH ANNEX - 4G3	SOUTH ANNEX - 4G4
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF
Laboratory Work Order				480-202926-1	480-202926-2	480-202926-1	480-202926-1	480-202926-1	480-202926-1	480-202926-1	480-202926-2	480-202926-1	480-202926-1	480-202926-1	480-202926-1
Laboratory Sample ID				480-202926-5	480-202926-5	480-202926-1	480-202926-2	480-202926-3	480-202926-4	480-202926-10	480-202926-10	480-202926-6	480-202926-7	480-202926-8	480-202926-9
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51												
Pesticides															
2,4,5-TP (Silvex)	µg/kg	3,800[AC] 100,000$_b$[B]	n/v	17 U	-	-	-	-	-	16 U	-	-	-	-	-
Aldrin	µg/kg	5$_n$[A] 97[B] 190[C]	n/v	1.8 U	-	-	-	-	-	1.9 U	-	-	-	-	-
BHC, alpha-	µg/kg	20[AC] 480[B]	n/v	1.8 U	-	-	-	-	-	1.9 U	-	-	-	-	-
BHC, beta-	µg/kg	36[A] 360[B] 90[C]	n/v	1.8 U	-	-	-	-	-	1.9 U	-	-	-	-	-
BHC, delta-	µg/kg	40$_n$[A] 100,000$_a$[B] 250[C]	n/v	1.8 U	-	-	-	-	-	1.9 U	-	-	-	-	-
Camphechlor (Toxaphene)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	18 U	-	-	-	-	-	19 U	-	-	-	-	-
Chlordane (Total)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane, alpha-	µg/kg	94[A] 4,200[B] 2,900[C]	n/v	1.8 U	-	-	-	-	-	1.9 U	-	-	-	-	-
Chlordane, trans- (gamma-Chlordane)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	1.8 U	-	-	-	-	-	1.9 U	-	-	-	-	-
DDD (p,p'-DDD)	µg/kg	3.3$_m$[A] 13,000[B] 14,000[C]	n/v	1.8 U	-	-	-	-	-	1.9 U	-	-	-	-	-
DDE (p,p'-DDE)	µg/kg	3.3$_m$[A] 8,900[B] 17,000[C]	n/v	1.8 U	-	-	-	-	-	1.9 U	-	-	-	-	-
DDT (p,p'-DDT)	µg/kg	3.3$_m$[A] 7,900[B] 136,000[C]	n/v	1.8 U	-	-	-	-	-	3.3	-	-	-	-	-
Dichlorophenoxy acetic acid, 2,4- (2,4-D)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	500[E]	17 U	-	-	-	-	-	16 U	-	-	-	-	-
Dieldrin	µg/kg	5$_n$[A] 200[B] 100[C]	n/v	1.8 U	-	-	-	-	-	1.9 U	-	-	-	-	-
Endosulfan I	µg/kg	2,400$_i$[A] 24,000$_i$[B] 102,000[C]	n/v	1.8 U	-	-	-	-	-	1.9 U	-	-	-	-	-
Endosulfan II	µg/kg	2,400$_i$[A] 24,000$_i$[B] 102,000[C]	n/v	1.8 U	-	-	-	-	-	1.9 U	-	-	-	-	-
Endosulfan Sulfate	µg/kg	2,400[A] 24,000[B] 1,000,000$_d$[C]	n/v	1.8 U	-	-	-	-	-	1.9 U	-	-	-	-	-
Endrin	µg/kg	14[A] 11,000[B] 60[C]	n/v	1.8 U	-	-	-	-	-	1.9 U	-	-	-	-	-
Endrin Aldehyde	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	1.8 U	-	-	-	-	-	1.9 U	-	-	-	-	-
Endrin Ketone	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	1.8 U	-	-	-	-	-	1.9 U	-	-	-	-	-
Heptachlor	µg/kg	42[A] 2,100[B] 380[C]	n/v	1.8 U	-	-	-	-	-	1.9 U	-	-	-	-	-
Heptachlor Epoxide	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	20[E]	1.8 U	-	-	-	-	-	1.9 U	-	-	-	-	-
Lindane (Hexachlorocyclohexane, gamma)	µg/kg	100[AC] 1,300[B]	n/v	1.8 U	-	-	-	-	-	1.9 U	-	-	-	-	-
Methoxychlor (4,4'-Methoxychlor)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	900,000[E]	1.8 U	-	-	-	-	-	1.9 U	-	-	-	-	-
Trichlorophenoxy acetic acid, 2,4,5- (2,4,5-T)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	1,900[E]	17 U	-	-	-	-	-	16 U	-	-	-	-	-
Herbicides															
2,4,5-T	ug/Kg														
Silvex (2,4,5-TP)	ug/Kg														
2,4-D	ug/Kg														
Polycyclic Aromatic Hydrocarbons															
Acenaphthene	µg/kg	20,000[A] 100,000$_b$[B] 98,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 107,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	1,000$_a$[A] 1,000$_a$[BC]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1,000$_n$[A] 1,000$_a$[B] 22,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	1,000$_a$[A] 1,000$_a$[B] 1,700[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	100,000[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	800$_a$[A] 3,900[B] 1,700[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	1,000$_a$[A] 3,900[B] 1,000$_a$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	µg/kg	330$_m$[A] 330$_i$[B] 1,000,000$_a$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	µg/kg	30,000[A] 100,000$_b$[B] 386,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	500$_a$[A] 500$_a$[B] 8,200[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	12,000[AC] 100,000$_b$[B]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	100,000[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	µg/kg	100,000[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-

See notes on last page.

Table 20
Summary of Analytical Results for Waste Characterization - Solid
Final Engineering Report (FER)
67- 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location				SOUTH ANNEX - 3C1		SOUTH ANNEX - 3G1	SOUTH ANNEX - 3G2	SOUTH ANNEX - 3G3	SOUTH ANNEX - 3G4	SOUTH ANNEX - 4C1		SOUTH ANNEX - 4G1	SOUTH ANNEX - 4G2	SOUTH ANNEX - 4G3	SOUTH ANNEX - 4G4
Sample Date				18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22
Sample ID				SOUTH ANNEX - 3C1	SOUTH ANNEX - 3C1	SOUTH ANNEX - 3G1	SOUTH ANNEX - 3G2	SOUTH ANNEX - 3G3	SOUTH ANNEX - 3G4	SOUTH ANNEX - 4C1	SOUTH ANNEX - 4C1	SOUTH ANNEX - 4G1	SOUTH ANNEX - 4G2	SOUTH ANNEX - 4G3	SOUTH ANNEX - 4G4
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF
Laboratory Work Order				480-202926-1	480-202926-2	480-202926-1	480-202926-1	480-202926-1	480-202926-1	480-202926-1	480-202926-2	480-202926-1	480-202926-1	480-202926-1	480-202926-1
Laboratory Sample ID				480-202926-5	480-202926-5	480-202926-1	480-202926-2	480-202926-3	480-202926-4	480-202926-10	480-202926-10	480-202926-6	480-202926-7	480-202926-8	480-202926-9
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51												
Semi-Volatile Organic Compounds															
Acenaphthene	µg/kg	20,000[A] 100,000[B] 98,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 107,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Acetophenone	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Atrazine	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	1,000$_n$[A] 1,000$_g$[BC]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1,000$_n$[A] 1,000$_g$[B] 22,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	1,000$_n$[A] 1,000$_g$[B] 1,700[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	100,000[A] 100,000$_g$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	800$_n$[A] 3,900[B] 1,700[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-Chloroethoxy)methane	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-Chloroethyl)ether	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	435,000[E]	-	-	-	-	-	-	-	-	-	-	-	-
Bromophenyl Phenyl Ether, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Butyl Benzyl Phthalate	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	122,000[E]	-	-	-	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Chloro-3-methyl phenol, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Chloroaniline, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	220[E]	-	-	-	-	-	-	-	-	-	-	-	-
Chloronaphthalene, 2-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Chlorophenyl Phenyl Ether, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	1,000$_n$[A] 3,900[B] 1,000$_o$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Cresol, m & p- (Methylphenol, 3&4-)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Cresol, o- (Methylphenol, 2-)	µg/kg	330$_m$[A] 100,000$_b$[B] 330[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Cresol, p- (Methylphenol, 4-)	µg/kg	330$_m$[A] 100,000$_b$[B] 330[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	µg/kg	330$_m$[A] 330[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	7,000[A] 59,000[B] 210,000[C]	6,200[E]	-	-	-	-	-	-	-	-	-	-	-	-
Dibutyl Phthalate (DBP)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	8,100[E]	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobenzidine, 3,3'-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorophenol, 2,4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	400[E]	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl Phthalate	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	7,100[E]	-	-	-	-	-	-	-	-	-	-	-	-
Dimethyl Phthalate	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	27,000[E]	-	-	-	-	-	-	-	-	-	-	-	-
Dimethylphenol, 2,4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Dinitro-o-cresol, 4,6-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Dinitrophenol, 2,4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	200[E]	-	-	-	-	-	-	-	-	-	-	-	-
Dinitrotoluene, 2,4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Dinitrotoluene, 2,6-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	1,000/170$_{b,s1}$[E]	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-Octyl phthalate	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	120,000[E]	-	-	-	-	-	-	-	-	-	-	-	-
Dioxane, 1,4-	µg/kg	100$_m$[A] 13,000[B] 100[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	µg/kg	30,000[A] 100,000$_b$[B] 386,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	330$_m$[A] 1,200[B] 3,200[C]	1,400[E]	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	500$_n$[A] 500$_g$[B] 8,200[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	4,400[E]	-	-	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene, 2-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	36,400[E]	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	12,000[AC] 100,000$_b$[B]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Nitroaniline, 2-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	400[E]	-	-	-	-	-	-	-	-	-	-	-	-
Nitroaniline, 3-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	500[E]	-	-	-	-	-	-	-	-	-	-	-	-
Nitroaniline, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	15,000[D] 170$_b$[E]	-	-	-	-	-	-	-	-	-	-	-	-
Nitrophenol, 2-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	300[E]	-	-	-	-	-	-	-	-	-	-	-	-
Nitrophenol, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	100[E]	-	-	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-Propylamine	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
n-Nitrosodiphenylamine	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-

See notes on last page.

Table 20
Summary of Analytical Results for Waste Characterization - Solid
Final Engineering Report (FER)
67- 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location				SOUTH ANNEX - 3C1		SOUTH ANNEX - 3G1	SOUTH ANNEX - 3G2	SOUTH ANNEX - 3G3	SOUTH ANNEX - 3G4	SOUTH ANNEX - 4C1		SOUTH ANNEX - 4G1	SOUTH ANNEX - 4G2	SOUTH ANNEX - 4G3	SOUTH ANNEX - 4G4
Sample Date				18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22
Sample ID				SOUTH ANNEX - 3C1	SOUTH ANNEX - 3C1	SOUTH ANNEX - 3G1	SOUTH ANNEX - 3G2	SOUTH ANNEX - 3G3	SOUTH ANNEX - 3G4	SOUTH ANNEX - 4C1	SOUTH ANNEX - 4C1	SOUTH ANNEX - 4G1	SOUTH ANNEX - 4G2	SOUTH ANNEX - 4G3	SOUTH ANNEX - 4G4
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF
Laboratory Work Order				480-202926-1	480-202926-2	480-202926-1	480-202926-1	480-202926-1	480-202926-1	480-202926-1	480-202926-2	480-202926-1	480-202926-1	480-202926-1	480-202926-1
Laboratory Sample ID				480-202926-5	480-202926-5	480-202926-1	480-202926-2	480-202926-3	480-202926-4	480-202926-10	480-202926-10	480-202926-6	480-202926-7	480-202926-8	480-202926-9
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51												
Semi-Volatile Organic Compounds															
Pentachlorophenol	µg/kg	800_m[A] 6,700[B] 800_i[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	100,000[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	µg/kg	330_m[A] $100,000_b$[B] 330_f[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	µg/kg	100,000[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobenzene, 1,2,4,5-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorophenol, 2,3,4,6-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorophenol, 2,4,5-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	100[E]	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorophenol, 2,4,6-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
SVOC TICs															
Total SVOC TICs	µg/kg	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds - TCLP															
Cresol, m & p- (Methylphenol, 3&4-)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Cresol, o- (Methylphenol, 2-)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorobenzene, 1,4-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Dinitrotoluene, 2,4-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/L	n/v	1.4[E]	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/L	n/v	15[D] 0.17_b[E]	-	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Pyridine	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorophenol, 2,4,5-	mg/L	n/v	0.1[E]	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorophenol, 2,4,6-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds															
Acetone	µg/kg	50[AC] $100,000_b$[B]	n/v	-	-	30 U vs	28 U vs	28 U vs	27 U vs	-	-	28 U vs	28 U vs	28 U vs	28 U vs
Benzene	µg/kg	60[AC] 4,800[B]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Bromodichloromethane	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Bromoform (Tribromomethane)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Bromomethane (Methyl bromide)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Butylbenzene, n-	µg/kg	12,000[AC] $100,000_b$[B]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11,000[AC] $100,000_b$[B]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Butylbenzene, tert-	µg/kg	5,900[AC] $100,000_b$[B]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Carbon Disulfide	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	2,700[E]	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760[AC] 2,400[B]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Chlorobenzene (Monochlorobenzene)	µg/kg	1,100[AC] $100,000_b$[B]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Chlorobromomethane	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane (Ethyl Chloride)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	1,900[E]	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Chloroform (Trichloromethane)	µg/kg	370[AC] 49,000[B]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Chloromethane	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Cyclohexane	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Dibromochloromethane	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Dichlorobenzene, 1,2-	µg/kg	1,100[AC] $100,000_b$[B]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Dichlorobenzene, 1,3-	µg/kg	2,400[AC] 49,000[B]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Dichlorobenzene, 1,4-	µg/kg	1,800[AC] 13,000[B]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Dichlorodifluoromethane (Freon 12)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Dichloroethane, 1,1-	µg/kg	270[AC] 26,000[B]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Dichloroethane, 1,2-	µg/kg	20_m[A] 3,100[B] 20_g[C]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Dichloroethene, 1,1-	µg/kg	330[AC] $100,000_b$[B]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Dichloroethene, cis-1,2-	µg/kg	250[AC] $100,000_b$[B]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Dichloroethene, trans-1,2-	µg/kg	190[AC] $100,000_b$[B]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Dichloropropane, 1,2-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Dichloropropene, cis-1,3-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Dichloropropene, trans-1,3-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Dioxane, 1,4-	µg/kg	100_m[A] 13,000[B] 100_i[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	1,000[AC] 41,000[B]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	30 U vs	28 U vs	28 U vs	27 U vs	-	-	28 U vs	28 U vs	28 U vs	28 U vs
Isopropylbenzene	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	2,300[E]	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Isopropyltoluene, p- (Cymene)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	10,000[E]	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Methyl Acetate	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	30 U vs	28 U vs	28 U vs	27 U vs	-	-	28 U vs	28 U vs	28 U vs	28 U vs
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	120[AC] $100,000_b$[B]	300[E]	-	-	30 U vs	28 U vs	28 U vs	27 U vs	-	-	28 U vs	28 U vs	28 U vs	28 U vs
Methyl Isobutyl Ketone (MIBK)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	1,000[E]	-	-	30 U vs	28 U vs	28 U vs	27 U vs	-	-	28 U vs	28 U vs	28 U vs	28 U vs
Methyl tert-butyl ether (MTBE)	µg/kg	930[AC] $100,000_b$[B]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Methylcyclohexane	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Methylene Chloride (Dichloromethane)	µg/kg	50[AC] $100,000_b$[B]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs

See notes on last page.

Table 20
Summary of Analytical Results for Waste Characterization - Solid
Final Engineering Report (FER)
67- 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location				SOUTH ANNEX - 3C1		SOUTH ANNEX - 3G1	SOUTH ANNEX - 3G2	SOUTH ANNEX - 3G3	SOUTH ANNEX - 3G4	SOUTH ANNEX - 4C1		SOUTH ANNEX - 4G1	SOUTH ANNEX - 4G2	SOUTH ANNEX - 4G3	SOUTH ANNEX - 4G4
Sample Date				18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22	18-Oct-22
Sample ID				SOUTH ANNEX - 3C1	SOUTH ANNEX - 3C1	SOUTH ANNEX - 3G1	SOUTH ANNEX - 3G2	SOUTH ANNEX - 3G3	SOUTH ANNEX - 3G4	SOUTH ANNEX - 4C1	SOUTH ANNEX - 4C1	SOUTH ANNEX - 4G1	SOUTH ANNEX - 4G2	SOUTH ANNEX - 4G3	SOUTH ANNEX - 4G4
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF	ERF
Laboratory Work Order				480-202926-1	480-202926-2	480-202926-1	480-202926-1	480-202926-1	480-202926-1	480-202926-1	480-202926-2	480-202926-1	480-202926-1	480-202926-1	480-202926-1
Laboratory Sample ID				480-202926-5	480-202926-5	480-202926-1	480-202926-2	480-202926-3	480-202926-4	480-202926-10	480-202926-10	480-202926-6	480-202926-7	480-202926-8	480-202926-9
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51												
Volatile Organic Compounds															
Naphthalene	µg/kg	12,000[AC] 100,000[B]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Propylbenzene, n-	µg/kg	3,900[AC] 100,000[B]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Styrene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Tetrachloroethane, 1,1,2,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	600[E]	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Tetrachloroethene (PCE)	µg/kg	1,300[AC] 19,000[B]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Toluene	µg/kg	700[AC] 100,000[B]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Trichlorobenzene, 1,2,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobenzene, 1,2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	3,400[E]	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Trichloroethane, 1,1,1-	µg/kg	680[AC] 100,000[B]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Trichloroethane, 1,1,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Trichloroethene (TCE)	µg/kg	470[AC] 21,000[B]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Trichlorofluoromethane (Freon 11)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Trichlorotrifluoroethane (Freon 113)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	6,000[E]	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Trimethylbenzene, 1,2,4-	µg/kg	3,600[AC] 52,000[B]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Trimethylbenzene, 1,3,5-	µg/kg	8,400[AC] 52,000[B]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Vinyl Chloride	µg/kg	20[AC] 900[B]	n/v	-	-	5.9 U vs	5.6 U vs	5.5 U vs	5.5 U vs	-	-	5.7 U vs	5.5 U vs	5.6 U vs	5.6 U vs
Xylene, m & p-	µg/kg	260[A] 100,000[B,F] 1,600[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Xylene, o-	µg/kg	260[A] 100,000[B,F] 1,600[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes, Total	µg/kg	260[A] 100,000[B] 1,600[C]	n/v	-	-	12 U vs	11 U vs	11 U vs	11 U vs	-	-	11 U vs	11 U vs	11 U vs	11 U vs
VOC TICs															
Total VOC TICs	µg/kg	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds - TCLP															
Benzene	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride (Tetrachloromethane)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene (Monochlorobenzene)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Dichloroethane, 1,2-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Dichloroethene, 1,1-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Ethyl Ketone (MEK) (2-Butanone)	mg/L	n/v	0.3[E]	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene (PCE)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene (TCE)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-

See notes on last page.

Table 20
Summary of Analytical Results for Waste Characterization - Solid
Final Engineering Report (FER)
67- 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51	SOUTH ANNEX - 5C1 26-Oct-22 SOUTH ANNEX - 5C1 STANTEC ERF 480-203222-1 480-203222-5	SOUTH ANNEX - 5G1 26-Oct-22 SOUTH ANNEX - 5G1 STANTEC ERF 480-203222-1 480-203222-1	SOUTH ANNEX - 5G2 26-Oct-22 SOUTH ANNEX - 5G2 STANTEC ERF 480-203222-1 480-203222-2	SOUTH ANNEX - 5G3 26-Oct-22 SOUTH ANNEX - 5G3 STANTEC ERF 480-203222-1 480-203222-3	SOUTH ANNEX - 5G4 26-Oct-22 SOUTH ANNEX - 5G4 STANTEC ERF 480-203222-1 480-203222-4	SOUTH ANNEX - 6C1 26-Oct-22 SOUTH ANNEX - 6C1 STANTEC ERF 480-203222-1 480-203222-10	SOUTH ANNEX - 6G1 26-Oct-22 SOUTH ANNEX - 6G1 STANTEC ERF 480-203222-1 480-203222-6	SOUTH ANNEX - 6G2 26-Oct-22 SOUTH ANNEX - 6G2 STANTEC ERF 480-203222-1 480-203222-7	SOUTH ANNEX - 6G3 26-Oct-22 SOUTH ANNEX - 6G3 STANTEC ERF 480-203222-1 480-203222-8	SOUTH ANNEX - 6G4 26-Oct-22 SOUTH ANNEX - 6G4 STANTEC ERF 480-203222-1 480-203222-9
General Chemistry														
Cyanide (Reactive)	mg/kg	n/v	n/v	57.9 U	-	-	-	-	59.5 U	-	-	-	-	
Flashpoint	deg F	n/v	n/v	50.0 U	-	-	-	-	50.0 U	-	-	-	-	
Ignitability	mm/sec	n/v	n/v	-	-	-	-	-	-	-	-	-	-	
Ignitability	none	n/v	n/v	-	-	-	-	-	-	-	-	-	-	
pH, lab	S.U.	n/v	n/v	8.5 HF	-	-	-	-	8.6 HF	-	-	-	-	
Sulfate (Soluble)	mg/Kg	n/v	n/v	-	-	-	-	-	-	-	-	-	-	
Sulfide (Reactive)	mg/kg	n/v	n/v	154 U F1	-	-	-	-	159 U	-	-	-	-	
Sulfur	mg/Kg	n/v	n/v	-	-	-	-	-	-	-	-	-	-	
Temperature, Lab	deg C	n/v	n/v	19.0 HF	-	-	-	-	19.0 HF	-	-	-	-	
Total Solids	%	n/v	n/v	-	-	-	-	-	-	-	-	-	-	
Metals														
Aluminum	mg/kg	$10{,}000_{g}^{ABC}$	$10{,}000_{a}^{E}$	-	-	-	-	-	-	-	-	-	-	
Antimony	mg/kg	$10{,}000_{g}^{ABC}$	$10{,}000_{a}^{E}$	-	-	-	-	-	-	-	-	-	-	
Arsenic	mg/kg	13_{n}^{A} 16_{g}^{BC}	n/v	3.1	-	-	-	-	3.1	-	-	-	-	
Barium	mg/kg	350_{n}^{A} 400^{B} 820^{C}	n/v	27.3	-	-	-	-	28.9	-	-	-	-	
Beryllium	mg/kg	7.2^{A} 72^{B} 47^{C}	n/v	-	-	-	-	-	-	-	-	-	-	
Cadmium	mg/kg	2.5_{n}^{A} 4.3^{B} 7.5^{C}	n/v	0.24 U	-	-	-	-	0.24 U	-	-	-	-	
Calcium	mg/kg	$10{,}000_{g}^{ABC}$	$10{,}000_{a}^{E}$	-	-	-	-	-	-	-	-	-	-	
Chromium	mg/kg	$30_{n,i}^{A}$ $180_{NS,q}^{B}$ ^{C}	n/v	7.3 B	-	-	-	-	7.3 B	-	-	-	-	
Cobalt	mg/kg	$10{,}000_{g}^{ABC}$	$10{,}000_{a}^{E}$	-	-	-	-	-	-	-	-	-	-	
Copper	mg/kg	50^{A} 270^{B} $1{,}720^{C}$	n/v	-	-	-	-	-	-	-	-	-	-	
Iron	mg/kg	$10{,}000_{g}^{ABC}$	$10{,}000_{a}^{E}$	-	-	-	-	-	-	-	-	-	-	
Lead	mg/kg	63_{n}^{A} 400^{B} 450^{C}	n/v	47.7	-	-	-	-	22.5	-	-	-	-	
Magnesium	mg/kg	$10{,}000_{g}^{ABC}$	n/v	-	-	-	-	-	-	-	-	-	-	
Manganese	mg/kg	$1{,}600_{n}^{A}$ $2{,}000_{g}^{BC}$	n/v	-	-	-	-	-	-	-	-	-	-	
Mercury	mg/kg	0.18_{n}^{A} 0.81_{a}^{B} 0.73^{C}	n/v	0.067	-	-	-	-	0.076	-	-	-	-	
Nickel	mg/kg	30^{A} 310^{B} 130^{C}	n/v	-	-	-	-	-	-	-	-	-	-	
Potassium	mg/kg	$10{,}000_{g}^{ABC}$	n/v	-	-	-	-	-	-	-	-	-	-	
Selenium	mg/kg	3.9_{n}^{A} 180^{B} 4_{a}^{C}	n/v	4.8 U	-	-	-	-	4.8 U	-	-	-	-	
Silver	mg/kg	2^{A} 180^{B} 8.3^{C}	n/v	0.72 U	-	-	-	-	0.72 U	-	-	-	-	
Sodium	mg/kg	$10{,}000_{g}^{ABC}$	n/v	-	-	-	-	-	-	-	-	-	-	
Thallium	mg/kg	$10{,}000_{g}^{ABC}$	$10{,}000_{a}^{E}$	-	-	-	-	-	-	-	-	-	-	
Vanadium	mg/kg	$10{,}000_{g}^{ABC}$	$10{,}000_{a}^{E}$	-	-	-	-	-	-	-	-	-	-	
Zinc	mg/kg	109_{n}^{A} $10{,}000_{a}^{B}$ $2{,}480^{C}$	n/v	-	-	-	-	-	-	-	-	-	-	
Metals - TCLP														
Arsenic	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	
Barium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	
Cadmium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	
Chromium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	
Lead	mg/L	n/v	n/v	0.022	-	-	-	-	0.085	-	-	-	-	
Mercury	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	
Selenium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	
Silver	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	
Polychlorinated Biphenyls														
Aroclor 1016	µg/kg	$_{o}^{ABC}$	n/v	190 U	-	-	-	-	250 U	-	-	-	-	
Aroclor 1221	µg/kg	$_{o}^{ABC}$	n/v	190 U	-	-	-	-	250 U	-	-	-	-	
Aroclor 1232	µg/kg	$_{o}^{ABC}$	n/v	190 U	-	-	-	-	250 U	-	-	-	-	
Aroclor 1242	µg/kg	$_{o}^{ABC}$	n/v	190 U	-	-	-	-	250 U	-	-	-	-	
Aroclor 1248	µg/kg	$_{o}^{ABC}$	n/v	190 U	-	-	-	-	250 U	-	-	-	-	
Aroclor 1254	µg/kg	$_{o}^{ABC}$	n/v	190 U	-	-	-	-	250 U	-	-	-	-	
Aroclor 1260	µg/kg	$_{o}^{ABC}$	n/v	190 U	-	-	-	-	250 U	-	-	-	-	
Aroclor 1262	µg/kg	$_{o}^{ABC}$	n/v	-	-	-	-	-	-	-	-	-	-	
Aroclor 1268	µg/kg	$_{o}^{ABC}$	n/v	-	-	-	-	-	-	-	-	-	-	
Polychlorinated Biphenyls (PCBs)	µg/kg	100^{A} $1{,}000^{B}$ $3{,}200^{C}$	n/v	-	-	-	-	-	-	-	-	-	-	

See notes on last page.

Table 20
Summary of Analytical Results for Waste Characterization - Solid
Final Engineering Report (FER)
67- 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51	SOUTH ANNEX - 5C1 26-Oct-22 SOUTH ANNEX - 5C1 STANTEC ERF 480-203222-1 480-203222-5	SOUTH ANNEX - 5G1 26-Oct-22 SOUTH ANNEX - 5G1 STANTEC ERF 480-203222-1 480-203222-1	SOUTH ANNEX - 5G2 26-Oct-22 SOUTH ANNEX - 5G2 STANTEC ERF 480-203222-1 480-203222-2	SOUTH ANNEX - 5G3 26-Oct-22 SOUTH ANNEX - 5G3 STANTEC ERF 480-203222-1 480-203222-3	SOUTH ANNEX - 5G4 26-Oct-22 SOUTH ANNEX - 5G4 STANTEC ERF 480-203222-1 480-203222-4	SOUTH ANNEX - 6C1 26-Oct-22 SOUTH ANNEX - 6C1 STANTEC ERF 480-203222-1 480-203222-10	SOUTH ANNEX - 6G1 26-Oct-22 SOUTH ANNEX - 6G1 STANTEC ERF 480-203222-1 480-203222-6	SOUTH ANNEX - 6G2 26-Oct-22 SOUTH ANNEX - 6G2 STANTEC ERF 480-203222-1 480-203222-7	SOUTH ANNEX - 6G3 26-Oct-22 SOUTH ANNEX - 6G3 STANTEC ERF 480-203222-1 480-203222-8	SOUTH ANNEX - 6G4 26-Oct-22 SOUTH ANNEX - 6G4 STANTEC ERF 480-203222-1 480-203222-9
Pesticides														
2,4,5-TP (Silvex)	µg/kg	3,800[AC] 100,000$_b$[B]	n/v	17 U	-	-	-	-	16 U	-	-	-	-	
Aldrin	µg/kg	5$_n$[A] 97[B] 190[C]	n/v	1.9 U F1F2	-	-	-	-	1.8 U	-	-	-	-	
BHC, alpha-	µg/kg	20[AC] 480[B]	n/v	1.9 U F1F2	-	-	-	-	1.8 U	-	-	-	-	
BHC, beta-	µg/kg	36[A] 360[B] 90[C]	n/v	1.9 U F1F2	-	-	-	-	1.8 U	-	-	-	-	
BHC, delta-	µg/kg	40$_n$[A] 100,000$_a$[B] 250[C]	n/v	1.9 U F1F2	-	-	-	-	1.8 U	-	-	-	-	
Camphechlor (Toxaphene)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	19 U	-	-	-	-	18 U	-	-	-	-	
Chlordane (Total)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Chlordane, alpha-	µg/kg	94[A] 4,200[B] 2,900[C]	n/v	1.9 U F1	-	-	-	-	1.8 U	-	-	-	-	
Chlordane, trans- (gamma-Chlordane)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	1.9 U F1F2	-	-	-	-	1.8 U	-	-	-	-	
DDD (p,p'-DDD)	µg/kg	3.3$_m$[A] 13,000[B] 14,000[C]	n/v	1.9 U F1	-	-	-	-	1.8 U	-	-	-	-	
DDE (p,p'-DDE)	µg/kg	3.3$_m$[A] 8,900[B] 17,000[C]	n/v	1.9 U F1F2	-	-	-	-	2.0	-	-	-	-	
DDT (p,p'-DDT)	µg/kg	3.3$_m$[A] 7,900[B] 136,000[C]	n/v	3.1 F1	-	-	-	-	**3.8[A]**	-	-	-	-	
Dichlorophenoxy acetic acid, 2,4- (2,4-D)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	500[E]	17 U	-	-	-	-	16 U	-	-	-	-	
Dieldrin	µg/kg	5$_n$[A] 200[B] 100[C]	n/v	1.9 U F1F2	-	-	-	-	1.8 U	-	-	-	-	
Endosulfan I	µg/kg	2,400$_i$[A] 24,000$_i$[B] 102,000[C]	n/v	1.9 U F1F2	-	-	-	-	1.8 U	-	-	-	-	
Endosulfan II	µg/kg	2,400$_i$[A] 24,000$_i$[B] 102,000[C]	n/v	1.9 U	-	-	-	-	1.8 U	-	-	-	-	
Endosulfan Sulfate	µg/kg	2,400[A] 24,000[B] 1,000,000$_d$[C]	n/v	1.9 U F1	-	-	-	-	1.8 U	-	-	-	-	
Endrin	µg/kg	14[A] 11,000[B] 60[C]	n/v	1.9 U F1F2	-	-	-	-	1.8 U	-	-	-	-	
Endrin Aldehyde	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	1.9 U F1	-	-	-	-	1.8 U	-	-	-	-	
Endrin Ketone	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	1.9 U **+F1	-	-	-	-	1.8 U	-	-	-	-	
Heptachlor	µg/kg	42[A] 2,100[B] 380[C]	n/v	1.9 U F1F2	-	-	-	-	1.8 U	-	-	-	-	
Heptachlor Epoxide	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	20[E]	1.9 U F1F2	-	-	-	-	1.8 U	-	-	-	-	
Lindane (Hexachlorocyclohexane, gamma)	µg/kg	100[AC] 1,300[B]	n/v	1.9 U F1F2	-	-	-	-	1.8 U	-	-	-	-	
Methoxychlor (4,4'-Methoxychlor)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	900,000[E]	1.9 U F1	-	-	-	-	1.8 U	-	-	-	-	
Trichlorophenoxy acetic acid, 2,4,5- (2,4,5-T)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	1,900[E]	17 U	-	-	-	-	16 U	-	-	-	-	
Herbicides														
2,4,5-T	ug/Kg													
Silvex (2,4,5-TP)	ug/Kg													
2,4-D	ug/Kg													
Polycyclic Aromatic Hydrocarbons														
Acenaphthene	µg/kg	20,000[A] 100,000$_b$[B] 98,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Acenaphthylene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 107,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Anthracene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Benzo(a)anthracene	µg/kg	1,000$_a$[A] 1,000$_a$[BC]	n/v	-	-	-	-	-	-	-	-	-	-	
Benzo(a)pyrene	µg/kg	1,000$_n$[A] 1,000$_a$[B] 22,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Benzo(b)fluoranthene	µg/kg	1,000$_a$[A] 1,000$_a$[B] 1,700[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Benzo(g,h,i)perylene	µg/kg	100,000[A] 100,000$_h$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Benzo(k)fluoranthene	µg/kg	800$_a$[A] 3,900[B] 1,700[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Chrysene	µg/kg	1,000$_a$[A] 3,900[B] 1,000$_a$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Dibenzo(a,h)anthracene	µg/kg	330$_m$[A] 330$_i$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Fluoranthene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Fluorene	µg/kg	30,000[A] 100,000$_b$[B] 386,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Indeno(1,2,3-cd)pyrene	µg/kg	500$_a$[A] 500$_a$[B] 8,200[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Naphthalene	µg/kg	12,000[AC] 100,000$_b$[B]	n/v	-	-	-	-	-	-	-	-	-	-	
Phenanthrene	µg/kg	100,000[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Pyrene	µg/kg	100,000[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	

See notes on last page.

Table 20
Summary of Analytical Results for Waste Characterization - Solid
Final Engineering Report (FER)
67- 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51	SOUTH ANNEX - 5C1 26-Oct-22 SOUTH ANNEX - 5C1 STANTEC ERF 480-203222-1 480-203222-5	SOUTH ANNEX - 5G1 26-Oct-22 SOUTH ANNEX - 5G1 STANTEC ERF 480-203222-1 480-203222-1	SOUTH ANNEX - 5G2 26-Oct-22 SOUTH ANNEX - 5G2 STANTEC ERF 480-203222-1 480-203222-2	SOUTH ANNEX - 5G3 26-Oct-22 SOUTH ANNEX - 5G3 STANTEC ERF 480-203222-1 480-203222-3	SOUTH ANNEX - 5G4 26-Oct-22 SOUTH ANNEX - 5G4 STANTEC ERF 480-203222-1 480-203222-4	SOUTH ANNEX - 6C1 26-Oct-22 SOUTH ANNEX - 6C1 STANTEC ERF 480-203222-1 480-203222-10	SOUTH ANNEX - 6G1 26-Oct-22 SOUTH ANNEX - 6G1 STANTEC ERF 480-203222-1 480-203222-6	SOUTH ANNEX - 6G2 26-Oct-22 SOUTH ANNEX - 6G2 STANTEC ERF 480-203222-1 480-203222-7	SOUTH ANNEX - 6G3 26-Oct-22 SOUTH ANNEX - 6G3 STANTEC ERF 480-203222-1 480-203222-8	SOUTH ANNEX - 6G4 26-Oct-22 SOUTH ANNEX - 6G4 STANTEC ERF 480-203222-1 480-203222-9
Semi-Volatile Organic Compounds														
Acenaphthene	µg/kg	20,000[A] 100,000[B] 98,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Acenaphthylene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 107,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Acetophenone	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Anthracene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Atrazine	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Benzaldehyde	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Benzo(a)anthracene	µg/kg	1,000$_n$[A] 1,000$_g$[BC]	n/v	-	-	-	-	-	-	-	-	-	-	
Benzo(a)pyrene	µg/kg	1,000$_n$[A] 1,000$_g$[B] 22,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Benzo(b)fluoranthene	µg/kg	1,000$_n$[A] 1,000$_g$[B] 1,700[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Benzo(g,h,i)perylene	µg/kg	100,000[A] 100,000$_g$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Benzo(k)fluoranthene	µg/kg	800$_n$[A] 3,900[B] 1,700[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Biphenyl	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Bis(2-Chloroethoxy)methane	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Bis(2-Chloroethyl)ether	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	435,000[E]	-	-	-	-	-	-	-	-	-	-	
Bromophenyl Phenyl Ether, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Butyl Benzyl Phthalate	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	122,000[E]	-	-	-	-	-	-	-	-	-	-	
Caprolactam	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Carbazole	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Chloro-3-methyl phenol, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Chloroaniline, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	220[E]	-	-	-	-	-	-	-	-	-	-	
Chloronaphthalene, 2-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Chlorophenyl Phenyl Ether, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Chrysene	µg/kg	1,000$_n$[A] 3,900[B] 1,000$_g$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Cresol, m & p- (Methylphenol, 3&4-)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Cresol, o- (Methylphenol, 2-)	µg/kg	330$_m$[A] 100,000$_b$[B] 330[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Cresol, p- (Methylphenol, 4-)	µg/kg	330$_m$[A] 100,000$_b$[B] 330[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Dibenzo(a,h)anthracene	µg/kg	330$_m$[A] 330[B] 1,000,000$_g$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Dibenzofuran	µg/kg	7,000[A] 59,000[B] 210,000[C]	6,200[E]	-	-	-	-	-	-	-	-	-	-	
Dibutyl Phthalate (DBP)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	8,100[E]	-	-	-	-	-	-	-	-	-	-	
Dichlorobenzidine, 3,3'-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Dichlorophenol, 2,4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	400[E]	-	-	-	-	-	-	-	-	-	-	
Diethyl Phthalate	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	7,100[E]	-	-	-	-	-	-	-	-	-	-	
Dimethyl Phthalate	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	27,000[E]	-	-	-	-	-	-	-	-	-	-	
Dimethylphenol, 2,4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Dinitro-o-cresol, 4,6-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Dinitrophenol, 2,4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	200[E]	-	-	-	-	-	-	-	-	-	-	
Dinitrotoluene, 2,4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Dinitrotoluene, 2,6-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	1,000/170$_{b,s1}$[E]	-	-	-	-	-	-	-	-	-	-	
Di-n-Octyl phthalate	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	120,000[E]	-	-	-	-	-	-	-	-	-	-	
Dioxane, 1,4-	µg/kg	100$_m$[A] 13,000[B] 100[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Fluoranthene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Fluorene	µg/kg	30,000[A] 100,000$_b$[B] 386,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Hexachlorobenzene	µg/kg	330$_m$[A] 1,200[B] 3,200[C]	1,400[E]	-	-	-	-	-	-	-	-	-	-	
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Hexachlorocyclopentadiene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Hexachloroethane	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Indeno(1,2,3-cd)pyrene	µg/kg	500$_n$[A] 500$_g$[B] 8,200[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Isophorone	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	4,400[E]	-	-	-	-	-	-	-	-	-	-	
Methylnaphthalene, 2-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	36,400[E]	-	-	-	-	-	-	-	-	-	-	
Naphthalene	µg/kg	12,000[AC] 100,000$_b$[B]	n/v	-	-	-	-	-	-	-	-	-	-	
Nitroaniline, 2-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	400[E]	-	-	-	-	-	-	-	-	-	-	
Nitroaniline, 3-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	500[E]	-	-	-	-	-	-	-	-	-	-	
Nitroaniline, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Nitrobenzene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	15,000[D] 170$_b$[E]	-	-	-	-	-	-	-	-	-	-	
Nitrophenol, 2-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	300[E]	-	-	-	-	-	-	-	-	-	-	
Nitrophenol, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	100[E]	-	-	-	-	-	-	-	-	-	-	
N-Nitrosodi-n-Propylamine	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
n-Nitrosodiphenylamine	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	

See notes on last page.

Table 20
Summary of Analytical Results for Waste Characterization - Solid
Final Engineering Report (FER)
67- 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51	SOUTH ANNEX - 5C1 26-Oct-22 SOUTH ANNEX - 5C1 STANTEC ERF 480-203222-1 480-203222-5	SOUTH ANNEX - 5G1 26-Oct-22 SOUTH ANNEX - 5G1 STANTEC ERF 480-203222-1 480-203222-1	SOUTH ANNEX - 5G2 26-Oct-22 SOUTH ANNEX - 5G2 STANTEC ERF 480-203222-1 480-203222-2	SOUTH ANNEX - 5G3 26-Oct-22 SOUTH ANNEX - 5G3 STANTEC ERF 480-203222-1 480-203222-3	SOUTH ANNEX - 5G4 26-Oct-22 SOUTH ANNEX - 5G4 STANTEC ERF 480-203222-1 480-203222-4	SOUTH ANNEX - 6C1 26-Oct-22 SOUTH ANNEX - 6C1 STANTEC ERF 480-203222-1 480-203222-10	SOUTH ANNEX - 6G1 26-Oct-22 SOUTH ANNEX - 6G1 STANTEC ERF 480-203222-1 480-203222-6	SOUTH ANNEX - 6G2 26-Oct-22 SOUTH ANNEX - 6G2 STANTEC ERF 480-203222-1 480-203222-7	SOUTH ANNEX - 6G3 26-Oct-22 SOUTH ANNEX - 6G3 STANTEC ERF 480-203222-1 480-203222-8	SOUTH ANNEX - 6G4 26-Oct-22 SOUTH ANNEX - 6G4 STANTEC ERF 480-203222-1 480-203222-9
Semi-Volatile Organic Compounds														
Pentachlorophenol	µg/kg	800_m[A] 6,700[B] 800_i[C]	n/v	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-
Phenol	µg/kg	330_m[A] $100,000_b$[B] 330_i[C]	n/v	-	-	-	-	-	-	-	-	-	-	-
Pyrene	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobenzene, 1,2,4,5-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorophenol, 2,3,4,6-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-
Trichlorophenol, 2,4,5-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	100[E]	-	-	-	-	-	-	-	-	-	-	-
Trichlorophenol, 2,4,6-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-
SVOC TICs														
Total SVOC TICs	µg/kg	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds - TCLP														
Cresol, m & p- (Methylphenol, 3&4-)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-
Cresol, o- (Methylphenol, 2-)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-
Dichlorobenzene, 1,4-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-
Dinitrotoluene, 2,4-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	mg/L	n/v	1.4[E]	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	mg/L	n/v	15[D] 0.17_b[E]	-	-	-	-	-	-	-	-	-	-	-
Pentachlorophenol	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-
Pyridine	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-
Trichlorophenol, 2,4,5-	mg/L	n/v	0.1[E]	-	-	-	-	-	-	-	-	-	-	-
Trichlorophenol, 2,4,6-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds														
Acetone	µg/kg	50[AC] $100,000_b$[B]	n/v	-	28 U vs	28 U vs	28 U vs	28 U vs	-	27 U vs	28 U vs	27 U vs	28 U vs	
Benzene	µg/kg	60[AC] 4,800[B]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Bromodichloromethane	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Bromoform (Tribromomethane)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Bromomethane (Methyl bromide)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Butylbenzene, n-	µg/kg	12,000[AC] $100,000_b$[B]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11,000[AC] $100,000_b$[B]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Butylbenzene, tert-	µg/kg	5,900[AC] $100,000_b$[B]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Carbon Disulfide	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	2,700[E]	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760[AC] 2,400[B]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Chlorobenzene (Monochlorobenzene)	µg/kg	1,100[AC] $100,000_b$[B]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Chlorobromomethane	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Chloroethane (Ethyl Chloride)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	1,900[E]	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Chloroform (Trichloromethane)	µg/kg	370[AC] 49,000[B]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Chloromethane	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Cyclohexane	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Dibromochloromethane	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Dichlorobenzene, 1,2-	µg/kg	1,100[AC] $100,000_b$[B]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Dichlorobenzene, 1,3-	µg/kg	2,400[AC] 49,000[B]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Dichlorobenzene, 1,4-	µg/kg	1,800[AC] 13,000[B]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Dichlorodifluoromethane (Freon 12)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Dichloroethane, 1,1-	µg/kg	270[AC] 26,000[B]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Dichloroethane, 1,2-	µg/kg	20_m[A] 3,100[B] 20_i[C]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Dichloroethene, 1,1-	µg/kg	330[AC] $100,000_b$[B]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Dichloroethene, cis-1,2-	µg/kg	250[AC] $100,000_b$[B]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Dichloroethene, trans-1,2-	µg/kg	190[AC] $100,000_b$[B]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Dichloropropane, 1,2-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Dichloropropene, cis-1,3-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Dichloropropene, trans-1,3-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Dioxane, 1,4-	µg/kg	100_m[A] 13,000[B] 100_i[C]	n/v	-	-	-	-	-	-	-	-	-	-	
Ethylbenzene	µg/kg	1,000[AC] 41,000[B]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	28 U vs	28 U vs	28 U vs	28 U vs	-	27 U vs	28 U vs	27 U vs	28 U vs	
Isopropylbenzene	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	2,300[E]	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Isopropyltoluene, p- (Cymene)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	10,000[E]	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Methyl Acetate	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	28 U vs	28 U vs	28 U vs	28 U vs	-	27 U vs	28 U vs	27 U vs	28 U vs	
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	120[AC] $100,000_b$[B]	300[E]	-	28 U vs	28 U vs	28 U vs	28 U vs	-	27 U vs	28 U vs	27 U vs	28 U vs	
Methyl Isobutyl Ketone (MIBK)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	1,000[E]	-	28 U vs	28 U vs	28 U vs	28 U vs	-	27 U vs	28 U vs	27 U vs	28 U vs	
Methyl tert-butyl ether (MTBE)	µg/kg	930[AC] $100,000_b$[B]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Methylcyclohexane	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	
Methylene Chloride (Dichloromethane)	µg/kg	50[AC] $100,000_b$[B]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs	

See notes on last page.

Table 20
Summary of Analytical Results for Waste Characterization - Solid
Final Engineering Report (FER)
67- 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51	SOUTH ANNEX - 5C1 26-Oct-22 SOUTH ANNEX - 5C1 STANTEC ERF 480-203222-1 480-203222-5	SOUTH ANNEX - 5G1 26-Oct-22 SOUTH ANNEX - 5G1 STANTEC ERF 480-203222-1 480-203222-1	SOUTH ANNEX - 5G2 26-Oct-22 SOUTH ANNEX - 5G2 STANTEC ERF 480-203222-1 480-203222-2	SOUTH ANNEX - 5G3 26-Oct-22 SOUTH ANNEX - 5G3 STANTEC ERF 480-203222-1 480-203222-3	SOUTH ANNEX - 5G4 26-Oct-22 SOUTH ANNEX - 5G4 STANTEC ERF 480-203222-1 480-203222-4	SOUTH ANNEX - 6C1 26-Oct-22 SOUTH ANNEX - 6C1 STANTEC ERF 480-203222-1 480-203222-10	SOUTH ANNEX - 6G1 26-Oct-22 SOUTH ANNEX - 6G1 STANTEC ERF 480-203222-1 480-203222-6	SOUTH ANNEX - 6G2 26-Oct-22 SOUTH ANNEX - 6G2 STANTEC ERF 480-203222-1 480-203222-7	SOUTH ANNEX - 6G3 26-Oct-22 SOUTH ANNEX - 6G3 STANTEC ERF 480-203222-1 480-203222-8	SOUTH ANNEX - 6G4 26-Oct-22 SOUTH ANNEX - 6G4 STANTEC ERF 480-203222-1 480-203222-9
Volatile Organic Compounds														
Naphthalene	µg/kg	12,000[AC] 100,000[B]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs
Propylbenzene, n-	µg/kg	3,900[AC] 100,000[B]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs
Styrene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs
Tetrachloroethane, 1,1,2,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	600[E]	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs
Tetrachloroethene (PCE)	µg/kg	1,300[AC] 19,000[B]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs
Toluene	µg/kg	700[AC] 100,000[B]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs
Trichlorobenzene, 1,2,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	-	-	-	-	-
Trichlorobenzene, 1,2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	3,400[E]	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs
Trichloroethane, 1,1,1-	µg/kg	680[AC] 100,000[B]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs
Trichloroethane, 1,1,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs
Trichloroethene (TCE)	µg/kg	470[AC] 21,000[B]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs
Trichlorofluoromethane (Freon 11)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs
Trichlorotrifluoroethane (Freon 113)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	6,000[E]	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs
Trimethylbenzene, 1,2,4-	µg/kg	3,600[AC] 52,000[B]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs
Trimethylbenzene, 1,3,5-	µg/kg	8,400[AC] 52,000[B]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs
Vinyl Chloride	µg/kg	20[AC] 900[B]	n/v	-	5.7 U vs	5.6 U vs	5.6 U vs	5.5 U vs	-	5.5 U vs	5.5 U vs	5.4 U vs	5.5 U vs
Xylene, m & p-	µg/kg	260[A] 100,000[b,B] 1,600[C]	n/v	-	-	-	-	-	-	-	-	-	-
Xylene, o-	µg/kg	260[A] 100,000[b,B] 1,600[C]	n/v	-	-	-	-	-	-	-	-	-	-
Xylenes, Total	µg/kg	260[A] 100,000[b,B] 1,600[C]	n/v	-	11 U vs	11 U vs	11 U vs	11 U vs	-	11 U vs	11 U vs	11 U vs	11 U vs
VOC TICs														
Total VOC TICs	µg/kg	n/v	n/v	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds - TCLP														
Benzene	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride (Tetrachloromethane)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-
Chlorobenzene (Monochlorobenzene)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-
Dichloroethane, 1,2-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-
Dichloroethene, 1,1-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-
Methyl Ethyl Ketone (MEK) (2-Butanone)	mg/L	n/v	0.3[E]	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene (PCE)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-
Trichloroethene (TCE)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-

See notes on last page.

Table 20
Summary of Analytical Results for Waste Characterization - Solid
Final Engineering Report (FER)
67- 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51	SOUTH ANNEX COMP 1 24-Aug-22 SOUTH ANNEX COMP 1 STANTEC ERF 480-201013-1 480-201013-5	SOUTH ANNEX COMP 2 24-Aug-22 SOUTH ANNEX COMP 2 STANTEC ERF 480-201013-1 480-201013-6	SOUTH ANNEX GRAB 1 24-Aug-22 SOUTH ANNEX GRAB 1 STANTEC ERF 480-201013-1 480-201013-1	SOUTH ANNEX GRAB 2 24-Aug-22 SOUTH ANNEX GRAB 2 STANTEC ERF 480-201013-1 480-201013-2	SOUTH ANNEX GRAB 3 24-Aug-22 SOUTH ANNEX GRAB 3 STANTEC ERF 480-201013-1 480-201013-3	SOUTH ANNEX GRAB 4 24-Aug-22 SOUTH ANNEX GRAB 4 STANTEC ERF 480-201013-1 480-201013-4	SOIL PILE 4 18-Jan-2023 CNL - SP4 - G1 - S STANTEC PARAROCH 230218 230218-01	SOIL PILE 4 18-Jan-2023 CNL - SP4 - G4 - S STANTEC PARAROCH 230218 230218-02	SOIL PILE 4 18-Jan-2023 CNL - SP4 - G3 - S STANTEC PARAROCH 230218 230218-03	SOIL PILE 4 18-Jan-2023 CNL - SP4 - G4 - S STANTEC PARAROCH 230218 230218-04	SOIL PILE 4 2-May-2023 CNL - 3A - PETRO - S STANTEC ALPHA L2322589 L2322589-01
General Chemistry															
Cyanide (Reactive)	mg/kg	n/v	n/v	9.9 U	9.5 U	-	-	-	-	-	-	-	-	-	-
Flashpoint	deg F	n/v	n/v	50.0 U	50.0 U	-	-	-	-	-	-	-	-	-	-
Ignitability	mm/sec	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Ignitability	none	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
pH, lab	S.U.	n/v	n/v	9.6 HF	10.4 HF	-	-	-	-	-	-	-	-	-	-
Sulfate (Soluble)	mg/Kg	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Sulfide (Reactive)	mg/kg	n/v	n/v	9.9 U	9.5 U	-	-	-	-	-	-	-	-	-	-
Sulfur	mg/Kg	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Temperature, Lab	deg C	n/v	n/v	21.1 HF	24.8 HF	-	-	-	-	-	-	-	-	-	-
Total Solids	%	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Metals															
Aluminum	mg/kg	$10{,}000_{g}^{ABC}$	$10{,}000_{a}^{E}$	-	-	-	-	-	-	-	-	-	-	-	-
Antimony	mg/kg	$10{,}000_{g}^{ABC}$	$10{,}000_{a}^{E}$	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic	mg/kg	13_{n}^{A} 16_{g}^{BC}	n/v	11.3	8.6	-	-	-	-	-	-	-	-	-	-
Barium	mg/kg	350_{n}^{A} 400^{B} 820^{C}	n/v	104	99.1	-	-	-	-	-	-	-	-	-	-
Beryllium	mg/kg	7.2^{A} 72^{B} 47^{C}	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium	mg/kg	2.5_{n}^{A} 4.3^{B} 7.5^{C}	n/v	0.41	0.24 U	-	-	-	-	-	-	-	-	-	-
Calcium	mg/kg	$10{,}000_{g}^{ABC}$	$10{,}000_{a}^{E}$	-	-	-	-	-	-	-	-	-	-	-	-
Chromium	mg/kg	$30_{n,i}^{A}$ $180_{NS,g}^{B}$ ^{C}	n/v	13.6	10.7	-	-	-	-	-	-	-	-	-	-
Cobalt	mg/kg	$10{,}000_{g}^{ABC}$	$10{,}000_{a}^{E}$	-	-	-	-	-	-	-	-	-	-	-	-
Copper	mg/kg	50^{A} 270^{B} $1{,}720^{C}$	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Iron	mg/kg	$10{,}000_{g}^{ABC}$	$10{,}000_{a}^{E}$	-	-	-	-	-	-	-	-	-	-	-	-
Lead	mg/kg	63_{n}^{A} 400^{B} 450^{C}	n/v	**327[A]**	**237[A]**	-	-	-	-	-	-	-	-	-	-
Magnesium	mg/kg	$10{,}000_{g}^{ABC}$	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Manganese	mg/kg	$1{,}600_{n}^{A}$ $2{,}000_{g}^{BC}$	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Mercury	mg/kg	0.18_{n}^{A} 0.81_{g}^{B} 0.73^{C}	n/v	0.13	0.11	-	-	-	-	-	-	-	-	-	-
Nickel	mg/kg	30^{A} 310^{B} 130^{C}	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	mg/kg	$10{,}000_{g}^{ABC}$	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Selenium	mg/kg	3.9_{n}^{A} 180^{B} 4_{a}^{C}	n/v	4.6 U	4.9 U	-	-	-	-	-	-	-	-	-	-
Silver	mg/kg	2^{A} 180^{B} 8.3^{C}	n/v	0.70 U	0.73 U	-	-	-	-	-	-	-	-	-	-
Sodium	mg/kg	$10{,}000_{g}^{ABC}$	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Thallium	mg/kg	$10{,}000_{g}^{ABC}$	$10{,}000_{a}^{E}$	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium	mg/kg	$10{,}000_{g}^{ABC}$	$10{,}000_{a}^{E}$	-	-	-	-	-	-	-	-	-	-	-	-
Zinc	mg/kg	109_{n}^{A} $10{,}000_{a}^{B}$ $2{,}480^{C}$	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Metals - TCLP															
Arsenic	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	1.00 U
Barium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	0.376 J
Cadmium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	0.100 U
Chromium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	0.200 U
Lead	mg/L	n/v	n/v	0.044	0.020 U	-	-	-	-	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.0820 J
Mercury	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	0.0010 U
Selenium	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	0.500 U
Silver	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	0.100 U
Polychlorinated Biphenyls															
Aroclor 1016	µg/kg	$_{o}^{ABC}$	n/v	250 U	250 U	-	-	-	-	-	-	-	-	-	55.4 U
Aroclor 1221	µg/kg	$_{o}^{ABC}$	n/v	250 U	250 U	-	-	-	-	-	-	-	-	-	55.4 U
Aroclor 1232	µg/kg	$_{o}^{ABC}$	n/v	250 U	250 U	-	-	-	-	-	-	-	-	-	55.4 U
Aroclor 1242	µg/kg	$_{o}^{ABC}$	n/v	250 U	250 U	-	-	-	-	-	-	-	-	-	55.4 U
Aroclor 1248	µg/kg	$_{o}^{ABC}$	n/v	250 U	250 U	-	-	-	-	-	-	-	-	-	55.4 U
Aroclor 1254	µg/kg	$_{o}^{ABC}$	n/v	250 U	250 U	-	-	-	-	-	-	-	-	-	55.4 U
Aroclor 1260	µg/kg	$_{o}^{ABC}$	n/v	250 U	250 U	-	-	-	-	-	-	-	-	-	55.4 U
Aroclor 1262	µg/kg	$_{o}^{ABC}$	n/v	-	-	-	-	-	-	-	-	-	-	-	55.4 U
Aroclor 1268	µg/kg	$_{o}^{ABC}$	n/v	-	-	-	-	-	-	-	-	-	-	-	55.4 U
Polychlorinated Biphenyls (PCBs)	µg/kg	100^{A} $1{,}000^{B}$ $3{,}200^{C}$	n/v	-	-	-	-	-	-	-	-	-	-	-	55.4 U

See notes on last page.

Table 20
Summary of Analytical Results for Waste Characterization - Solid
Final Engineering Report (FER)
67- 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51	SOUTH ANNEX COMP 1 24-Aug-22 SOUTH ANNEX COMP 1 STANTEC ERF 480-201013-1 480-201013-5	SOUTH ANNEX COMP 2 24-Aug-22 SOUTH ANNEX COMP 2 STANTEC ERF 480-201013-1 480-201013-6	SOUTH ANNEX GRAB 1 24-Aug-22 SOUTH ANNEX GRAB 1 STANTEC ERF 480-201013-1 480-201013-1	SOUTH ANNEX GRAB 2 24-Aug-22 SOUTH ANNEX GRAB 2 STANTEC ERF 480-201013-1 480-201013-2	SOUTH ANNEX GRAB 3 24-Aug-22 SOUTH ANNEX GRAB 3 STANTEC ERF 480-201013-1 480-201013-3	SOUTH ANNEX GRAB 4 24-Aug-22 SOUTH ANNEX GRAB 4 STANTEC ERF 480-201013-1 480-201013-4	SOIL PILE 4 18-Jan-2023 CNL - SP4 - G1 - S STANTEC PARAROCH 230218 230218-01	SOIL PILE 4 18-Jan-2023 CNL - SP4 - G4 - S STANTEC PARAROCH 230218 230218-02	SOIL PILE 4 18-Jan-2023 CNL - SP4 - G3 - S STANTEC PARAROCH 230218 230218-03	SOIL PILE 4 18-Jan-2023 CNL - SP4 - G4 - S STANTEC PARAROCH 230218 230218-04	SOIL PILE 4 2-May-2023 CNL - 3A - PETRO - S STANTEC ALPHA L2322589 L2322589-01
Pesticides															
2,4,5-TP (Silvex)	µg/kg	3,800[AC] 100,000$_b$[B]	n/v	33 U	33 U	-	-	-	-	-	-	-	-	0.005 U
Aldrin	µg/kg	5$_n$[A] 97[B] 190[C]	n/v	9.7 U	9.6 U	-	-	-	-	-	-	-	-	-
BHC, alpha-	µg/kg	20[AC] 480[B]	n/v	9.7 U	9.6 U	-	-	-	-	-	-	-	-	-
BHC, beta-	µg/kg	36[A] 360[B] 90[C]	n/v	9.7 U	9.6 U	-	-	-	-	-	-	-	-	-
BHC, delta-	µg/kg	40$_n$[A] 100,000$_a$[B] 250[C]	n/v	9.7 U	9.6 U	-	-	-	-	-	-	-	-	-
Camphechlor (Toxaphene)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	97 U	96 U	-	-	-	-	-	-	-	-	1.00 U
Chlordane (Total)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	1.00 U
Chlordane, alpha-	µg/kg	94[A] 4,200[B] 2,900[C]	n/v	9.7 U	9.8	-	-	-	-	-	-	-	-	-
Chlordane, trans- (gamma-Chlordane)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	9.7 U	9.6 U	-	-	-	-	-	-	-	-	-
DDD (p,p'-DDD)	µg/kg	3.3$_m$[A] 13,000[B] 14,000[C]	n/v	9.7 U	9.6 U	-	-	-	-	-	-	-	-	-
DDE (p,p'-DDE)	µg/kg	3.3$_m$[A] 8,900[B] 17,000[C]	n/v	**10[A]**	**61[A]**	-	-	-	-	-	-	-	-	-
DDT (p,p'-DDT)	µg/kg	3.3$_m$[A] 7,900[B] 136,000[C]	n/v	**35[A]**	**110[A]**	-	-	-	-	-	-	-	-	-
Dichlorophenoxy acetic acid, 2,4- (2,4-D)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	500[E]	33 U	33 U	-	-	-	-	-	-	-	-	0.025 U
Dieldrin	µg/kg	5$_n$[A] 200[B] 100[C]	n/v	9.7 U	9.6 U	-	-	-	-	-	-	-	-	-
Endosulfan I	µg/kg	2,400$_i$[A] 24,000$_i$[B] 102,000[C]	n/v	9.7 U	9.6 U	-	-	-	-	-	-	-	-	-
Endosulfan II	µg/kg	2,400$_i$[A] 24,000$_i$[B] 102,000[C]	n/v	9.7 U	9.6 U	-	-	-	-	-	-	-	-	-
Endosulfan Sulfate	µg/kg	2,400$_i$[A] 24,000$_i$[B] 1,000,000$_d$[C]	n/v	9.7 U	9.6 U	-	-	-	-	-	-	-	-	-
Endrin	µg/kg	14[A] 11,000[B] 60[C]	n/v	9.7 U	9.6 U	-	-	-	-	-	-	-	-	0.200 U
Endrin Aldehyde	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	9.7 U	9.6 U	-	-	-	-	-	-	-	-	-
Endrin Ketone	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	9.7 U	9.6 U	-	-	-	-	-	-	-	-	-
Heptachlor	µg/kg	42[A] 2,100[B] 380[C]	n/v	9.7 U	9.6 U	-	-	-	-	-	-	-	-	0.100 U
Heptachlor Epoxide	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	20[E]	9.7 U	9.6 U	-	-	-	-	-	-	-	-	0.100 U
Lindane (Hexachlorocyclohexane, gamma)	µg/kg	100[AC] 1,300[B]	n/v	9.7 U	9.6 U	-	-	-	-	-	-	-	-	0.100 U
Methoxychlor (4,4'-Methoxychlor)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	900,000[E]	9.7 U	9.6 U	-	-	-	-	-	-	-	-	1.00 U
Trichlorophenoxy acetic acid, 2,4,5- (2,4,5-T)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	1,900[E]	33 U	33 U	-	-	-	-	-	-	-	-	-
Herbicides															
2,4,5-T	ug/Kg														
Silvex (2,4,5-TP)	ug/Kg														
2,4-D	ug/Kg														
Polycyclic Aromatic Hydrocarbons															
Acenaphthene	µg/kg	20,000[A] 100,000$_b$[B] 98,000[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 107,000[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	1,000$_a$[A] 1,000$_a$[BC]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1,000$_n$[A] 1,000$_a$[B] 22,000[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	1,000$_a$[A] 1,000$_a$[B] 1,700[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	100,000[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	800$_a$[A] 3,900[B] 1,700[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	1,000$_a$[A] 3,900[B] 1,000$_a$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	µg/kg	330$_m$[A] 330$_i$[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-
Fluorene	µg/kg	30,000[A] 100,000$_b$[B] 386,000[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	500$_a$[A] 500$_a$[B] 8,200[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	12,000[AC] 100,000$_b$[B]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	100,000[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-
Pyrene	µg/kg	100,000[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-

See notes on last page.

Table 20
Summary of Analytical Results for Waste Characterization - Solid
Final Engineering Report (FER)
67- 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51	SOUTH ANNEX COMP 1 24-Aug-22 SOUTH ANNEX COMP 1 STANTEC ERF 480-201013-1 480-201013-5	SOUTH ANNEX COMP 2 24-Aug-22 SOUTH ANNEX COMP 2 STANTEC ERF 480-201013-1 480-201013-6	SOUTH ANNEX GRAB 1 24-Aug-22 SOUTH ANNEX GRAB 1 STANTEC ERF 480-201013-1 480-201013-1	SOUTH ANNEX GRAB 2 24-Aug-22 SOUTH ANNEX GRAB 2 STANTEC ERF 480-201013-1 480-201013-2	SOUTH ANNEX GRAB 3 24-Aug-22 SOUTH ANNEX GRAB 3 STANTEC ERF 480-201013-1 480-201013-3	SOUTH ANNEX GRAB 4 24-Aug-22 SOUTH ANNEX GRAB 4 STANTEC ERF 480-201013-1 480-201013-4	SOIL PILE 4 18-Jan-2023 CNL - SP4 - G1 - S STANTEC PARAROCH 230218 230218-01	SOIL PILE 4 18-Jan-2023 CNL - SP4 - G4 - S STANTEC PARAROCH 230218 230218-02	SOIL PILE 4 18-Jan-2023 CNL - SP4 - G3 - S STANTEC PARAROCH 230218 230218-03	SOIL PILE 4 18-Jan-2023 CNL - SP4 - G4 - S STANTEC PARAROCH 230218 230218-04	SOIL PILE 4 2-May-2023 CNL - 3A - PETRO - S STANTEC ALPHA L2322589 L2322589-01
Semi-Volatile Organic Compounds															
Acenaphthene	µg/kg	20,000[A] 100,000[B] 98,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	µg/kg	100,000$_a$[A] 100,000[B] 107,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Acetophenone	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Atrazine	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	1,000$_n$[A] 1,000$_g$[BC]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1,000$_n$[A] 1,000$_g$[B] 22,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	1,000$_n$[A] 1,000$_g$[B] 1,700[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	100,000[A] 100,000[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	800$_n$[A] 3,900[B] 1,700[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Biphenyl	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Bis(2-Chloroethoxy)methane	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Bis(2-Chloroethyl)ether	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	435,000[E]	1,000 U	1,500	-	-	-	-	-	-	-	-	-	-
Bromophenyl Phenyl Ether, 4-	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Butyl Benzyl Phthalate	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	122,000[E]	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Caprolactam	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Carbazole	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Chloro-3-methyl phenol, 4-	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Chloroaniline, 4-	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	220[E]	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Chloronaphthalene, 2-	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	n/v	1,900 U	380 U	-	-	-	-	-	-	-	-	-	-
Chlorophenyl Phenyl Ether, 4-	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Chrysene	µg/kg	1,000$_n$[A] 3,900[B] 1,000$_g$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Cresol, m & p- (Methylphenol, 3&4-)	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Cresol, o- (Methylphenol, 2-)	µg/kg	330$_m$[A] 100,000[B] 330[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Cresol, p- (Methylphenol, 4-)	µg/kg	330$_m$[A] 100,000[B] 330[C]	n/v	1,900 U	380 U	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	µg/kg	330$_m$[A] 330[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	µg/kg	7,000[A] 59,000[B] 210,000[C]	6,200[E]	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Dibutyl Phthalate (DBP)	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	8,100[E]	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Dichlorobenzidine, 3,3'-	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	n/v	1,900 U	380 U	-	-	-	-	-	-	-	-	-	-
Dichlorophenol, 2,4-	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	400[E]	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Diethyl Phthalate	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	7,100[E]	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Dimethyl Phthalate	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	27,000[E]	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Dimethylphenol, 2,4-	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Dinitro-o-cresol, 4,6-	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	n/v	1,900 U	380 U	-	-	-	-	-	-	-	-	-	-
Dinitrophenol, 2,4-	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	200[E]	9,700 U	1,900 U	-	-	-	-	-	-	-	-	-	-
Dinitrotoluene, 2,4-	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Dinitrotoluene, 2,6-	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	1,000/170$_{b,s1}$[E]	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Di-n-Octyl phthalate	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	120,000[E]	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Dioxane, 1,4-	µg/kg	100$_m$[A] 13,000[B] 100[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	µg/kg	30,000[A] 100,000[B] 386,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	330$_m$[A] 1,200[B] 3,200[C]	1,400[E]	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Hexachloroethane	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	500$_n$[A] 500$_g$[B] 8,200[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Isophorone	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	4,400[E]	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Methylnaphthalene, 2-	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	36,400[E]	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Naphthalene	µg/kg	12,000[AC] 100,000[B]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Nitroaniline, 2-	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	400[E]	1,900 U	380 U	-	-	-	-	-	-	-	-	-	-
Nitroaniline, 3-	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	500[E]	1,900 U	380 U	-	-	-	-	-	-	-	-	-	-
Nitroaniline, 4-	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	n/v	1,900 U	380 U	-	-	-	-	-	-	-	-	-	-
Nitrobenzene	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	15,000[D] 170$_b$[E]	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Nitrophenol, 2-	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	300[E]	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Nitrophenol, 4-	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	100[E]	1,900 U	380 U	-	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-Propylamine	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
n-Nitrosodiphenylamine	µg/kg	100,000$_a$[A] 100,000[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-

See notes on last page.

Table 20
Summary of Analytical Results for Waste Characterization - Solid
Final Engineering Report (FER)
67- 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51	SOUTH ANNEX COMP 1 24-Aug-22 SOUTH ANNEX COMP 1 STANTEC ERF 480-201013-1 480-201013-5	SOUTH ANNEX COMP 2 24-Aug-22 SOUTH ANNEX COMP 2 STANTEC ERF 480-201013-1 480-201013-6	SOUTH ANNEX GRAB 1 24-Aug-22 SOUTH ANNEX GRAB 1 STANTEC ERF 480-201013-1 480-201013-1	SOUTH ANNEX GRAB 2 24-Aug-22 SOUTH ANNEX GRAB 2 STANTEC ERF 480-201013-1 480-201013-2	SOUTH ANNEX GRAB 3 24-Aug-22 SOUTH ANNEX GRAB 3 STANTEC ERF 480-201013-1 480-201013-3	SOUTH ANNEX GRAB 4 24-Aug-22 SOUTH ANNEX GRAB 4 STANTEC ERF 480-201013-1 480-201013-4	SOIL PILE 4 18-Jan-2023 CNL - SP4 - G1 - S STANTEC PARAROCH 230218 230218-01	SOIL PILE 4 18-Jan-2023 CNL - SP4 - G4 - S STANTEC PARAROCH 230218 230218-02	SOIL PILE 4 18-Jan-2023 CNL - SP4 - G3 - S STANTEC PARAROCH 230218 230218-03	SOIL PILE 4 18-Jan-2023 CNL - SP4 - G4 - S STANTEC PARAROCH 230218 230218-04	SOIL PILE 4 2-May-2023 CNL - 3A - PETRO - S STANTEC ALPHA L2322589 L2322589-01
Semi-Volatile Organic Compounds															
Pentachlorophenol	µg/kg	800$_m$[A] 6,700[B] 800$_f$[C]	n/v	1,900 U	380 U	-	-	-	-	-	-	-	-	-	-
Phenanthrene	µg/kg	100,000[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Phenol	µg/kg	330$_m$[A] 100,000$_b$[B] 330$_f$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Pyrene	µg/kg	100,000[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorobenzene, 1,2,4,5-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachlorophenol, 2,3,4,6-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorophenol, 2,4,5-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	100[E]	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
Trichlorophenol, 2,4,6-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	1,000 U	200 U	-	-	-	-	-	-	-	-	-	-
SVOC TICs															
Total SVOC TICs	µg/kg	n/v	n/v	1,650 TJN	15,800 TJN	-	-	-	-	-	-	-	-	-	-
Semi-Volatile Organic Compounds - TCLP															
Cresol, m & p- (Methylphenol, 3&4-)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	25 U
Cresol, o- (Methylphenol, 2-)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	25 U
Dichlorobenzene, 1,4-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Dinitrotoluene, 2,4-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	25 U
Hexachlorobenzene	mg/L	n/v	1.4[E]	-	-	-	-	-	-	-	-	-	-	-	10 U
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	10 U
Hexachloroethane	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	10 U
Nitrobenzene	mg/L	n/v	15[D] 0.17$_b$[E]	-	-	-	-	-	-	-	-	-	-	-	10 U
Pentachlorophenol	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	50 U
Pyridine	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	18 U
Trichlorophenol, 2,4,5-	mg/L	n/v	0.1[E]	-	-	-	-	-	-	-	-	-	-	-	25 U
Trichlorophenol, 2,4,6-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	25 U
Volatile Organic Compounds															
Acetone	µg/kg	50[AC] 100,000$_b$[B]	n/v	-	-	29 U vs	28 U vs	30 U vs	29 U F1vs	-	-	-	-	-	-
Benzene	µg/kg	60[AC] 4,800[B]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-	-
Bromodichloromethane	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-	-
Bromoform (Tribromomethane)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-	-
Bromomethane (Methyl bromide)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U vs	-	-	-	-	-	-
Butylbenzene, n-	µg/kg	12,000[AC] 100,000$_b$[B]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11,000[AC] 100,000$_b$[B]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-	-
Butylbenzene, tert-	µg/kg	5,900[AC] 100,000$_b$[B]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U vs	-	-	-	-	-	-
Carbon Disulfide	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	2,700[E]	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-	-
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760[AC] 2,400[B]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-	-
Chlorobenzene (Monochlorobenzene)	µg/kg	1,100[AC] 100,000$_b$[B]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-	-
Chlorobromomethane	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane (Ethyl Chloride)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	1,900[E]	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U vs	-	-	-	-	-	-
Chloroform (Trichloromethane)	µg/kg	370[AC] 49,000[B]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-	-
Chloromethane	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U vs	-	-	-	-	-	-
Cyclohexane	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-	-
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-	-
Dibromochloromethane	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-	-
Dichlorobenzene, 1,2-	µg/kg	1,100[AC] 100,000$_b$[B]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-	-
Dichlorobenzene, 1,3-	µg/kg	2,400[AC] 49,000[B]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-	-
Dichlorobenzene, 1,4-	µg/kg	1,800[AC] 13,000[B]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-	-
Dichlorodifluoromethane (Freon 12)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-	-
Dichloroethane, 1,1-	µg/kg	270[AC] 26,000[B]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U vs	-	-	-	-	-	-
Dichloroethane, 1,2-	µg/kg	20$_m$[A] 3,100[B] 20$_g$[C]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-	-
Dichloroethene, 1,1-	µg/kg	330[AC] 100,000$_b$[B]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-	-
Dichloroethene, cis-1,2-	µg/kg	250[AC] 100,000$_b$[B]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-	-
Dichloroethene, trans-1,2-	µg/kg	190[AC] 100,000$_b$[B]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-	-
Dichloropropane, 1,2-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U vs	-	-	-	-	-	-
Dichloropropene, cis-1,3-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-	-
Dichloropropene, trans-1,3-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-	-
Dioxane, 1,4-	µg/kg	100$_m$[A] 13,000[B] 100$_f$[C]	n/v	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	1,000[AC] 41,000[B]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-	-
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-	-
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	29 U vs	28 U vs	30 U vs	29 U F1vs	-	-	-	-	-	-
Isopropylbenzene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	2,300[E]	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U vs	-	-	-	-	-	-
Isopropyltoluene, p- (Cymene)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	10,000[E]	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-	-
Methyl Acetate	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	29 U vs	28 U vs	30 U vs	29 U F1vs	-	-	-	-	-	-
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	120[AC] 100,000$_b$[B]	300[E]	-	-	29 U vs	28 U vs	30 U vs	29 U F1vs	-	-	-	-	-	-
Methyl Isobutyl Ketone (MIBK)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	1,000[E]	-	-	29 U vs	28 U vs	30 U vs	29 U F1vs	-	-	-	-	-	-
Methyl tert-butyl ether (MTBE)	µg/kg	930[AC] 100,000$_b$[B]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U vs	-	-	-	-	-	-
Methylcyclohexane	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-	-
Methylene Chloride (Dichloromethane)	µg/kg	50[AC] 100,000$_b$[B]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U vs	-	-	-	-	-	-

See notes on last page.

Table 20
Summary of Analytical Results for Waste Characterization - Solid
Final Engineering Report (FER)
67- 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51	SOUTH ANNEX COMP 1 24-Aug-22 SOUTH ANNEX COMP 1 STANTEC ERF 480-201013-1 480-201013-5	SOUTH ANNEX COMP 2 24-Aug-22 SOUTH ANNEX COMP 2 STANTEC ERF 480-201013-1 480-201013-6	SOUTH ANNEX GRAB 1 24-Aug-22 SOUTH ANNEX GRAB 1 STANTEC ERF 480-201013-1 480-201013-1	SOUTH ANNEX GRAB 2 24-Aug-22 SOUTH ANNEX GRAB 2 STANTEC ERF 480-201013-1 480-201013-2	SOUTH ANNEX GRAB 3 24-Aug-22 SOUTH ANNEX GRAB 3 STANTEC ERF 480-201013-1 480-201013-3	SOUTH ANNEX GRAB 4 24-Aug-22 SOUTH ANNEX GRAB 4 STANTEC ERF 480-201013-1 480-201013-4	SOIL PILE 4 18-Jan-2023 CNL - SP4 - G1 - S STANTEC PARAROCH 230218 230218-01	SOIL PILE 4 18-Jan-2023 CNL - SP4 - G4 - S STANTEC PARAROCH 230218 230218-02	SOIL PILE 4 18-Jan-2023 CNL - SP4 - G3 - S STANTEC PARAROCH 230218 230218-03	SOIL PILE 4 18-Jan-2023 CNL - SP4 - G4 - S STANTEC PARAROCH 230218 230218-04	SOIL PILE 4 2-May-2023 CNL - 3A - PETRO - S STANTEC ALPHA L2322589 L2322589-01
Volatile Organic Compounds															
Naphthalene	µg/kg	12,000[AC] 100,000[B]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-
Propylbenzene, n-	µg/kg	3,900[AC] 100,000[B]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U vs	-	-	-	-	-
Styrene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-
Tetrachloroethane, 1,1,2,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	600[E]	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-
Tetrachloroethene (PCE)	µg/kg	1,300[AC] 19,000[B]	n/v	-	-	7.4 vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-
Toluene	µg/kg	700[AC] 100,000[B]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-
Trichlorobenzene, 1,2,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	-	-	-	-	-	-	-	-	-
Trichlorobenzene, 1,2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	3,400[E]	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-
Trichloroethane, 1,1,1-	µg/kg	680[AC] 100,000[B]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-
Trichloroethane, 1,1,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-
Trichloroethene (TCE)	µg/kg	470[AC] 21,000[B]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U vs	-	-	-	-	-
Trichlorofluoromethane (Freon 11)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-
Trichlorotrifluoroethane (Freon 113)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	6,000[E]	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-
Trimethylbenzene, 1,2,4-	µg/kg	3,600[AC] 52,000[B]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U vs	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/kg	8,400[AC] 52,000[B]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U vs	-	-	-	-	-
Vinyl Chloride	µg/kg	20[AC] 900[B]	n/v	-	-	5.8 U vs	5.5 U vs	5.9 U vs	5.9 U F1vs	-	-	-	-	-
Xylene, m & p-	µg/kg	260[A] 100,000[B,a] 1,600[C]	n/v	-	-	-	-	-	-	-	-	-	-	-
Xylene, o-	µg/kg	260[A] 100,000[B,a] 1,600[C]	n/v	-	-	-	-	-	-	-	-	-	-	-
Xylenes, Total	µg/kg	260[A] 100,000[B] 1,600[C]	n/v	-	-	12 U vs	11 U vs	12 U vs	12 U F1vs	-	-	-	-	-
VOC TICs															
Total VOC TICs	µg/kg	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds - TCLP															
Benzene	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	5.0 U
Carbon Tetrachloride (Tetrachloromethane)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	5.0 U
Chlorobenzene (Monochlorobenzene)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	5.0 U
Chloroform (Trichloromethane)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	5.0 U
Dichloroethane, 1,2-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	5.0 U
Dichloroethene, 1,1-	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	5.0 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	mg/L	n/v	0.3[E]	-	-	-	-	-	-	-	-	-	-	50 U
Tetrachloroethene (PCE)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	5.0 U
Trichloroethene (TCE)	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	5.0 U
Vinyl Chloride	mg/L	n/v	n/v	-	-	-	-	-	-	-	-	-	-	10 U

See notes on last page.

Table 20
Summary of Analytical Results for Waste Characterization - Solid
Final Engineering Report (FER)
67- 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51	CNL-WC-CID2-S 25-April-2023 CNL-WC-CID2-S STANTEC ALPHA L2322303 L2322303-01	CNL-WC-CID2-LEAD-S 26-April-2023 CNL-WC-CID2-LEAD-S STANTEC ALPHA L2322588 L2322588-01	CNL-WC-CID2-1-S 26-April-2023 CNL-WC-CID2-1-S STANTEC ALPHA L2322588 L2322588-02	CNL-WC1-S 12-December-2022 CNL-WC1-S STANTEC ERF 480-204742 480-204742-1	CNL-WC-DUP-S 12-December-2022 CNL-WC-DUP-S STANTEC ERF 480-204742 480-204742-1
General Chemistry								
Cyanide (Reactive)	mg/kg	n/v	n/v	10 U	-	10 U	9.6 U	9.7 U
Flashpoint	deg F	n/v	n/v	-	-	-	>175	>175
Ignitability	mm/sec	n/v	n/v	-	-	-	-	-
Ignitability	none	n/v	n/v	-	-	-	-	-
pH, lab	S.U.	n/v	n/v	7.47	-	8.51	8.3 HF	8.3 HF
Sulfate (Soluble)	mg/Kg	n/v	n/v	-	-	-	146	189
Sulfide (Reactive)	mg/kg	n/v	n/v	10 U	-	10 U	9.6 U	9.7 U
Sulfur	mg/Kg	n/v	n/v	-	-	-	156	106
Temperature, Lab	deg C	n/v	n/v	-	-	-	19.2 HF	19.3 HF
Total Solids	%	n/v	n/v	83.6	-	86.1	-	-
Metals								
Aluminum	mg/kg	$10{,}000_{g}^{ABC}$	$10{,}000_{a}^{E}$		-	-	-	-
Antimony	mg/kg	$10{,}000_{g}^{ABC}$	$10{,}000_{a}^{E}$	-	-	-	-	-
Arsenic	mg/kg	13_{n}^{A} 16_{g}^{BC}	n/v	3.53	-	5.35	2.3 U	2.1 U
Barium	mg/kg	350_{n}^{A} 400^{B} 820^{C}	n/v	38.8	-	59.8	17.7	16.4
Beryllium	mg/kg	7.2^{A} 72^{B} 47^{C}	n/v	0.382	-	0.256	-	-
Cadmium	mg/kg	2.5_{n}^{A} 4.3^{B} 7.5^{C}	n/v	0.205 J	-	0.097 J	0.23 U	0.21 U
Calcium	mg/kg	$10{,}000_{g}^{ABC}$	$10{,}000_{a}^{E}$	-	-	-	-	-
Chromium	mg/kg	$30_{n,r}^{A}$ $180_{NS,q}^{B}$ ^{C}	n/v	8.37	-	6.80	6.6	5.2
Cobalt	mg/kg	$10{,}000_{g}^{ABC}$	$10{,}000_{a}^{E}$	-	-	-	-	-
Copper	mg/kg	50^{A} 270^{B} $1{,}720^{C}$	n/v	7.17	-	25.6	-	-
Iron	mg/kg	$10{,}000_{g}^{ABC}$	$10{,}000_{a}^{E}$	-	-	-	-	-
Lead	mg/kg	63_{n}^{A} 400^{B} 450^{C}	n/v	42.5	-	**212**^{A}	6.4	5.6
Magnesium	mg/kg	$10{,}000_{g}^{ABC}$	n/v	-	-	-	-	-
Manganese	mg/kg	$1{,}600_{n}^{A}$ $2{,}000_{g}^{BC}$	n/v	495	-	619	-	-
Mercury	mg/kg	0.18_{n}^{A} 0.81_{g}^{B} 0.73^{C}	n/v	0.141	-	**0.308**^{A}	-	0.021 U
Nickel	mg/kg	30^{A} 310^{B} 130^{C}	n/v	6.80	-	6.94	-	-
Potassium	mg/kg	$10{,}000_{g}^{ABC}$	n/v	-	-	-	-	-
Selenium	mg/kg	3.9_{n}^{A} 180^{B} 4_{a}^{C}	n/v	0.411 J	-	0.913 U	4.5 U	4.2 U
Silver	mg/kg	2^{A} 180^{B} 8.3^{C}	n/v	0.231 U	-	0.228 U	0.68 U	0.63 U
Sodium	mg/kg	$10{,}000_{g}^{ABC}$	n/v	-	-	-	-	-
Thallium	mg/kg	$10{,}000_{g}^{ABC}$	$10{,}000_{a}^{E}$	-	-	-	-	-
Vanadium	mg/kg	$10{,}000_{g}^{ABC}$	$10{,}000_{a}^{E}$	-	-	-	-	-
Zinc	mg/kg	109_{n}^{A} $10{,}000_{a}^{B}$ $2{,}480^{C}$	n/v	30.6	-	73.4	-	-
Metals - TCLP								
Arsenic	mg/L	n/v	n/v	-	-		-	-
Barium	mg/L	n/v	n/v	-	-		-	-
Cadmium	mg/L	n/v	n/v	-	-		-	-
Chromium	mg/L	n/v	n/v	-	-		-	-
Lead	mg/L	n/v	n/v	-	0.124 J	0.391 J	0.020 U	0.020 U
Mercury	mg/L	n/v	n/v	-	-		-	-
Selenium	mg/L	n/v	n/v	0.500 U	-		-	-
Silver	mg/L	n/v	n/v	-	-		-	-
Polychlorinated Biphenyls								
Aroclor 1016	µg/kg	$_{o}^{ABC}$	n/v	55.8 U	-	53.4 U	0.20 U	0.18 U
Aroclor 1221	µg/kg	$_{o}^{ABC}$	n/v	55.8 U	-	53.4 U	0.20 U	0.18 U
Aroclor 1232	µg/kg	$_{o}^{ABC}$	n/v	55.8 U	-	53.4 U	0.20 U	0.18 U
Aroclor 1242	µg/kg	$_{o}^{ABC}$	n/v	55.8 U	-	53.4 U	0.20 U	0.18 U
Aroclor 1248	µg/kg	$_{o}^{ABC}$	n/v	55.8 U	-	53.4 U	0.20 U	0.18 U
Aroclor 1254	µg/kg	$_{o}^{ABC}$	n/v	55.8 U	-	53.4 U	0.20 U	0.18 U
Aroclor 1260	µg/kg	$_{o}^{ABC}$	n/v	55.8 U	-	12.9 J	0.20 U	0.18 U
Aroclor 1262	µg/kg	$_{o}^{ABC}$	n/v	55.8 U	-	53.4 U	0.20 U	0.18 U
Aroclor 1268	µg/kg	$_{o}^{ABC}$	n/v	55.8 U	-	53.4 U	0.20 U	0.18 U
Polychlorinated Biphenyls (PCBs)	µg/kg	100^{A} $1{,}000^{B}$ $3{,}200^{C}$	n/v	55.8 U	-	12.9 J	0.20 U	0.18 U

See notes on last page.

Table 20
Summary of Analytical Results for Waste Characterization - Solid
Final Engineering Report (FER)
67- 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51	CNL-WC-CID2-S 25-April-2023 CNL-WC-CID2-S STANTEC ALPHA L2322303 L2322303-01	CNL-WC-CID2-LEAD-S 26-April-2023 CNL-WC-CID2-LEAD-S STANTEC ALPHA L2322588 L2322588-01	CNL-WC-CID2-1-S 26-April-2023 CNL-WC-CID2-1-S STANTEC ALPHA L2322588 L2322588-02	CNL-WC1-S 12-December-2022 CNL-WC1-S STANTEC ERF 480-204742 480-204742-1	CNL-WC-DUP-S 12-December-2022 CNL-WC-DUP-S STANTEC ERF 480-204742 480-204742-1
Pesticides								
2,4,5-TP (Silvex)	µg/kg	$3{,}800^{AC}$ $100{,}000_b{}^{B}$	n/v	-	-	-	-	-
Aldrin	µg/kg	$5_n{}^{A}$ 97^{B} 190^{C}	n/v	1.83 U	-	1.76 U	9.0 U	8.8 U
BHC, alpha-	µg/kg	20^{AC} 480^{B}	n/v	0.763 U	-	0.733	9.0 U	8.8 U
BHC, beta-	µg/kg	36^{A} 360^{B} 90^{C}	n/v	1.83 U	-	1.76 U	9.0 U	8.8 U
BHC, delta-	µg/kg	$40_n{}^{A}$ $100{,}000_b{}^{B}$ 250^{C}	n/v	1.83 U	-	1.76 U	9.0 U	8.8 U
Camphechlor (Toxaphene)	µg/kg	$100{,}000_a{}^{A}$ $100{,}000_b{}^{B}$ $1{,}000{,}000_d{}^{C}$	n/v	34.4 U	-	33.0 U	9.0 U	8.8 U
Chlordane (Total)	µg/kg	$100{,}000_a{}^{A}$ $100{,}000_b{}^{B}$ $1{,}000{,}000_d{}^{C}$	n/v	15.3 U	-	14.6 U	-	-
Chlordane, alpha-	µg/kg	94^{A} $4{,}200^{B}$ $2{,}900^{C}$	n/v	2.29 U	-	1.22 J	-	8.8 U
Chlordane, trans- (gamma-Chlordane)	µg/kg	$100{,}000_a{}^{A}$ $100{,}000_b{}^{B}$ $1{,}000{,}000_d{}^{C}$	n/v	2.29 U	-	1.27 J	9.0 U	8.8 U
DDD (p,p'-DDD)	µg/kg	$3.3_m{}^{A}$ $13{,}000^{B}$ $14{,}000^{C}$	n/v	1.83 U	-	1.76 U	9.0 U	8.8 U
DDE (p,p'-DDE)	µg/kg	$3.3_m{}^{A}$ $8{,}900^{B}$ $17{,}000^{C}$	n/v	1.83 U	-	0.625 J	9.0 U	8.8 U
DDT (p,p'-DDT)	µg/kg	$3.3_m{}^{A}$ $7{,}900^{B}$ $136{,}000^{C}$	n/v	1.83 U	-	1.59 J	9.0 U	8.8 U
Dichlorophenoxy acetic acid, 2,4- (2,4-D)	µg/kg	$100{,}000_a{}^{A}$ $100{,}000_b{}^{B}$ $1{,}000{,}000_d{}^{C}$	500^{E}	-	-	-	-	-
Dieldrin	µg/kg	$5_n{}^{A}$ 200^{B} 100^{C}	n/v	1.14 U	-	1.10 U	9.0 U	8.8 U
Endosulfan I	µg/kg	$2{,}400_i{}^{A}$ $24{,}000_i{}^{B}$ $102{,}000^{C}$	n/v	1.83 U	-	1.76 U	9.0 U	8.8 U
Endosulfan II	µg/kg	$2{,}400_i{}^{A}$ $24{,}000_i{}^{B}$ $102{,}000^{C}$	n/v	1.83 U	-	1.76 U	9.0 U	8.8 U
Endosulfan Sulfate	µg/kg	$2{,}400_i{}^{A}$ $24{,}000_i{}^{B}$ $1{,}000{,}000_d{}^{C}$	n/v	0.763 U	-	0.733 U	9.0 U	8.8 U
Endrin	µg/kg	14^{A} $11{,}000^{B}$ 60^{C}	n/v	0.763U	-	0.733 U	9.0 U	8.8 U
Endrin Aldehyde	µg/kg	$100{,}000_a{}^{A}$ $100{,}000_b{}^{B}$ $1{,}000{,}000_d{}^{C}$	n/v	2.29 U	-	2.20 U	9.0 U	8.8 U
Endrin Ketone	µg/kg	$100{,}000_a{}^{A}$ $100{,}000_b{}^{B}$ $1{,}000{,}000_d{}^{C}$	n/v	1.83 U	-	1.76 U	9.0 U	8.8 U
Heptachlor	µg/kg	42^{A} $2{,}100^{B}$ 380^{C}	n/v	0.916 U	-	0.879 U	9.0 U	8.8 U
Heptachlor Epoxide	µg/kg	$100{,}000_a{}^{A}$ $100{,}000_b{}^{B}$ $1{,}000{,}000_d{}^{C}$	20^{E}	3.44 U	-	3.30 U	9.0 U	8.8 U
Lindane (Hexachlorocyclohexane, gamma)	µg/kg	100^{AC} $1{,}300^{B}$	n/v	0.763 U	-	0.733 U	9.0 U	8.8 U
Methoxychlor (4,4'-Methoxychlor)	µg/kg	$100{,}000_a{}^{A}$ $100{,}000_b{}^{B}$ $1{,}000{,}000_d{}^{C}$	$900{,}000^{E}$	3.44 U	-	3.30 U	25	17
Trichlorophenoxy acetic acid, 2,4,5- (2,4,5-T)	µg/kg	$100{,}000_a{}^{A}$ $100{,}000_b{}^{B}$ $1{,}000{,}000_d{}^{C}$	$1{,}900^{E}$	-	-	-	-	-
Herbicides								
2,4,5-T	ug/Kg						17 U	16 U
Silvex (2,4,5-TP)	ug/Kg						17 U	16 U
2,4-D	ug/Kg						17 U	16 U
Polycyclic Aromatic Hydrocarbons								
Acenaphthene	µg/kg	$20{,}000^{A}$ $100{,}000_b{}^{B}$ $98{,}000^{C}$	n/v	-	-	-	-	-
Acenaphthylene	µg/kg	$100{,}000_a{}^{A}$ $100{,}000_b{}^{B}$ $107{,}000^{C}$	n/v	-	-	-	-	-
Anthracene	µg/kg	$100{,}000_a{}^{A}$ $100{,}000_b{}^{B}$ $1{,}000{,}000_d{}^{C}$	n/v	-	-	-	-	-
Benzo(a)anthracene	µg/kg	$1{,}000_a{}^{A}$ $1{,}000_a{}^{BC}$	n/v	-	-	-	-	-
Benzo(a)pyrene	µg/kg	$1{,}000_a{}^{A}$ $1{,}000_a{}^{B}$ $22{,}000^{C}$	n/v	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	$1{,}000_a{}^{A}$ $1{,}000_a{}^{B}$ $1{,}700^{C}$	n/v	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	$100{,}000^{A}$ $100{,}000_b{}^{B}$ $1{,}000{,}000_d{}^{C}$	n/v	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	$800_n{}^{A}$ $3{,}900^{B}$ $1{,}700^{C}$	n/v	-	-	-	-	-
Chrysene	µg/kg	$1{,}000_a{}^{A}$ $3{,}900^{B}$ $1{,}000_a{}^{C}$	n/v	-	-	-	-	-
Dibenzo(a,h)anthracene	µg/kg	$330_m{}^{A}$ $330_f{}^{B}$ $1{,}000{,}000_d{}^{C}$	n/v	-	-	-	-	-
Fluoranthene	µg/kg	$100{,}000_a{}^{A}$ $100{,}000_b{}^{B}$ $1{,}000{,}000_d{}^{C}$	n/v	-	-	-	-	-
Fluorene	µg/kg	$30{,}000^{A}$ $100{,}000_b{}^{B}$ $386{,}000^{C}$	n/v	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	$500_n{}^{A}$ $500_a{}^{B}$ $8{,}200^{C}$	n/v	-	-	-	-	-
Naphthalene	µg/kg	$12{,}000^{AC}$ $100{,}000_b{}^{B}$	n/v	-	-	-	-	-
Phenanthrene	µg/kg	$100{,}000^{A}$ $100{,}000_b{}^{B}$ $1{,}000{,}000_d{}^{C}$	n/v	-	-	-	-	-
Pyrene	µg/kg	$100{,}000^{A}$ $100{,}000_b{}^{B}$ $1{,}000{,}000_d{}^{C}$	n/v	-	-	-	-	-

See notes on last page.

Table 20
Summary of Analytical Results for Waste Characterization - Solid
Final Engineering Report (FER)
67- 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51	CNL-WC-CID2-S 25-April-2023 CNL-WC-CID2-S STANTEC ALPHA L2322303 L2322303-01	CNL-WC-CID2-LEAD-S 26-April-2023 CNL-WC-CID2-LEAD-S STANTEC ALPHA L2322588 L2322588-01	CNL-WC-CID2-1-S 26-April-2023 CNL-WC-CID2-1-S STANTEC ALPHA L2322588 L2322588-02	CNL-WC1-S 12-December-2022 CNL-WC1-S STANTEC ERF 480-204742 480-204742-1	CNL-WC-DUP-S 12-December-2022 CNL-WC-DUP-S STANTEC ERF 480-204742 480-204742-1
Semi-Volatile Organic Compounds								
Acenaphthene	µg/kg	20,000[A] 100,000[B] 98,000[C]	n/v	160 U	-	49 J	2000	180 U
Acenaphthylene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 107,000[C]	n/v	-	-	150 U	920 U	180 U
Acetophenone	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	190 U	-	190 U	920 U	180 U
Anthracene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	120 U	-	44 J	4100	240
Atrazine	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	160 U	-	150 U	920 U	180 U
Benzaldehyde	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	260 U	-	250 U	920 U	180 U
Benzo(a)anthracene	µg/kg	1,000$_n$[A] 1,000$_g$[BC]	n/v	25 J	-	120 U	**8800[A,BC]**	660
Benzo(a)pyrene	µg/kg	1,000$_n$[A] 1,000$_g$[B] 22,000[C]	n/v	160 U	-	200	**7600[A,B]**	650
Benzo(b)fluoranthene	µg/kg	1,000$_n$[A] 1,000$_g$[B] 1,700[C]	n/v	120 U	-	240	**10000[A,B,C]**	830
Benzo(g,h,i)perylene	µg/kg	100,000[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	160 U	-	110 J	4000	370
Benzo(k)fluoranthene	µg/kg	800$_n$[A] 3,900[B] 1,700[C]	n/v	120 U	-	80 J	**4100[A,B,C]**	410
Biphenyl	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	440 U	-	440 U	920 U	180 U
Bis(2-Chloroethoxy)methane	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	210 U	-	210 U	920 U	180 U
Bis(2-Chloroethyl)ether	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	170 U	-	170 U	920 U	180 U
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	230 U	-	230 U	920 U	180 U
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	435,000[E]	190 U	-	190 U	920 U	180 U
Bromophenyl Phenyl Ether, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	190 U	-	190 U	920 U	180 U
Butyl Benzyl Phthalate	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	122,000[E]	190 U	-	190 U	920 U	180 U
Caprolactam	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	190 U	-	190 U	920 U	180 U
Carbazole	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	190 U	-	190 U	2400	180 U
Chloro-3-methyl phenol, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	190 U	-	190 U	920 U	180 U
Chloroaniline, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	220[E]	190 U	-	190 U	920 U	180 U
Chloronaphthalene, 2-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	190 U	-	190 U	920 U	180 U
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	190 U	-	170 U	1800 U	350 U
Chlorophenyl Phenyl Ether, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	190 U	-	190 U	920 U	180 U
Chrysene	µg/kg	1,000$_n$[A] 3,900[B] 1,000$_q$[C]	n/v	24 J	-	210	**8500[A,B,C]**	740
Cresol, m & p- (Methylphenol, 3&4-)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	280 U	-	280 U	1800 U	350 U
Cresol, o- (Methylphenol, 2-)	µg/kg	330$_m$[A] 100,000$_b$[B] 330$_r$[C]	n/v	190 U	-	190 U	920 U	180 U
Cresol, p- (Methylphenol, 4-)	µg/kg	330$_m$[A] 100,000$_b$[B] 330[C]	n/v	-	-	-	1800 U	350 U
Dibenzo(a,h)anthracene	µg/kg	330$_m$[A] 330[B] 1,000,000$_d$[C]	n/v	120 U	-	27 J	**1400[A,C]**	180 U
Dibenzofuran	µg/kg	7,000[A] 59,000[B] 210,000[C]	6,200[E]	190 U	-	31 J	1200	180 U
Dibutyl Phthalate (DBP)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	8,100[E]	-	-	190 U	920 U	180 U
Dichlorobenzidine, 3,3'-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	190 U	-	190 U	1800 U	350 U
Dichlorophenol, 2,4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	400[E]	170 U	-	170 U	920 U	180 U
Diethyl Phthalate	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	7,100[E]	190 U	-	190 U	920 U	180 U
Dimethyl Phthalate	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	27,000[E]	190 U	-	190 U	920 U	180 U
Dimethylphenol, 2,4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	190 U	-	190 U	920 U	180 U
Dinitro-o-cresol, 4,6-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	500 U	-	500 U	1800 U	350 U
Dinitrophenol, 2,4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	200[E]	930 U	-	920 U	9000 U	1800 U
Dinitrotoluene, 2,4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	190 U	-	190 U	920 U	180 U
Dinitrotoluene, 2,6-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	1,000/170$_{b,s1}$[E]	-	-	190 U	920 U	180 U
Di-n-Octyl phthalate	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	120,000[E]	190 U	-	190 U	920 U	180 U
Dioxane, 1,4-	µg/kg	100$_m$[A] 13,000[B] 100[C]	n/v	-	-	-	540 U	110 U
Fluoranthene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	51 J	-	530	20000	1500
Fluorene	µg/kg	30,000[A] 100,000$_b$[B] 386,000[C]	n/v	190 U	-	33 J	2200	180 U
Hexachlorobenzene	µg/kg	330$_m$[A] 1,200[B] 3,200[C]	1,400[E]	120 U	-	120 U	920 U	180 U
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	190 U	-	190 U	920 U	180 U
Hexachlorocyclopentadiene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	550 U	-	550 U	920 U	180 U
Hexachloroethane	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	160 U	-	150 U	920 U	180 U
Indeno(1,2,3-cd)pyrene	µg/kg	500$_n$[A] 500$_g$[B] 8,200[C]	n/v	160 U	-	130 J	**4000[A,B]**	380
Isophorone	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	4,400[E]	170 U	-	170 U	920 U	180 U
Methylnaphthalene, 2-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	36,400[E]	230 U	-	230 U	920 U	180 U
Naphthalene	µg/kg	12,000[AC] 100,000$_b$[B]	n/v	190 U	-	32 J	920 U	180 U
Nitroaniline, 2-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	400[E]	190 U	-	190 U	1800 U	350 U
Nitroaniline, 3-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	500[E]	190 U	-	190 U	1800 U	350 U
Nitroaniline, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	190 U	-	190 U	1800 U	350 U
Nitrobenzene	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	15,000[D] 170$_b$[E]	170 U	-	170 U	920 U	180 U
Nitrophenol, 2-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	300[E]	420 U	-	410 U	920 U	180 U
Nitrophenol, 4-	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	100[E]	270 U	-	270 U	1800 U	350 U
N-Nitrosodi-n-Propylamine	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	190 U	920 U	180 U
n-Nitrosodiphenylamine	µg/kg	100,000$_a$[A] 100,000$_b$[B] 1,000,000$_d$[C]	n/v	-	-	150 U	920 U	180 U

See notes on last page.

Table 20
Summary of Analytical Results for Waste Characterization - Solid
Final Engineering Report (FER)
67- 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51	CNL-WC-CID2-S 25-April-2023 CNL-WC-CID2-S STANTEC ALPHA L2322303 L2322303-01	CNL-WC-CID2-LEAD-S 26-April-2023 CNL-WC-CID2-LEAD-S STANTEC ALPHA L2322588 L2322588-01	CNL-WC-CID2-1-S 26-April-2023 CNL-WC-CID2-1-S STANTEC ALPHA L2322588 L2322588-02	CNL-WC1-S 12-December-2022 CNL-WC1-S STANTEC ERF 480-204742 480-204742-1	CNL-WC-DUP-S 12-December-2022 CNL-WC-DUP-S STANTEC ERF 480-204742 480-204742-1
Semi-Volatile Organic Compounds								
Pentachlorophenol	µg/kg	800_m[A] 6,700[B] 800_l[C]	n/v	160 U	-	150 U	1800 U	350 U
Phenanthrene	µg/kg	100,000[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	38 J	-	420	16000	1100
Phenol	µg/kg	330_m[A] $100,000_b$[B] 330_l[C]	n/v	190 U	-	190 U	920 U	180 U
Pyrene	µg/kg	100,000[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	42 J	-	430	14000	1200
Tetrachlorobenzene, 1,2,4,5-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	190 U	-	190 U	-	-
Tetrachlorophenol, 2,3,4,6-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	190 U	-	190 U	-	-
Trichlorophenol, 2,4,5-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	100[E]	190 U	-	190 U	920 U	110 U
Trichlorophenol, 2,4,6-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	120 U	-	120 U	920 U	180 U
SVOC TICs								
Total SVOC TICs	µg/kg	n/v	n/v	-	-	-	31510	17070.00
Semi-Volatile Organic Compounds - TCLP								
Cresol, m & p- (Methylphenol, 3&4-)	mg/L	n/v	n/v	-	-	-	-	-
Cresol, o- (Methylphenol, 2-)	mg/L	n/v	n/v	-	-	-	-	-
Dichlorobenzene, 1,4-	mg/L	n/v	n/v	-	-	-	-	-
Dinitrotoluene, 2,4-	mg/L	n/v	n/v	-	-	-	-	-
Hexachlorobenzene	mg/L	n/v	1.4[E]	-	-	-	-	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	mg/L	n/v	n/v	-	-	-	-	-
Hexachloroethane	mg/L	n/v	n/v	-	-	-	-	-
Nitrobenzene	mg/L	n/v	15[D] 0.17_b[E]	-	-	-	-	-
Pentachlorophenol	mg/L	n/v	n/v	-	-	-	-	-
Pyridine	mg/L	n/v	n/v	-	-	-	-	-
Trichlorophenol, 2,4,5-	mg/L	n/v	0.1[E]	-	-	-	-	-
Trichlorophenol, 2,4,6-	mg/L	n/v	n/v	-	-	-	-	-
Volatile Organic Compounds								
Acetone	µg/kg	50[AC] $100,000_b$[B]	n/v	-	-	-	27 U vs	27 U vs
Benzene	µg/kg	60[AC] 4,800[B]	n/v	-	-	-	5.3 U vs	5.3 U vs
Bromodichloromethane	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	5.3 U vs	5.3 U vs
Bromoform (Tribromomethane)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	5.3 U vs	5.3 U vs
Bromomethane (Methyl bromide)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	5.3 U vs	5.3 U vs
Butylbenzene, n-	µg/kg	12,000[AC] $100,000_b$[B]	n/v	-	-	-	5.3 U vs	5.3 U vs
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11,000[AC] $100,000_b$[B]	n/v	-	-	-	5.3 U vs	5.3 U vs
Butylbenzene, tert-	µg/kg	5,900[AC] $100,000_b$[B]	n/v	-	-	-	5.3 U vs	5.3 U vs
Carbon Disulfide	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	2,700[E]	-	-	-	5.3 U v s	5.3 U v s
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760[AC] 2,400[B]	n/v	-	-	-	5.3 U vs	5.3 U vs
Chlorobenzene (Monochlorobenzene)	µg/kg	1,100[AC] $100,000_b$[B]	n/v	-	-	-	5.3 U vs	5.3 U vs
Chlorobromomethane	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	-	-
Chloroethane (Ethyl Chloride)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	1,900[E]	-	-	-	5.3 U vs	5.3 U vs
Chloroform (Trichloromethane)	µg/kg	370[AC] 49,000[B]	n/v	-	-	-	5.3 U vs	5.3 U vs
Chloromethane	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	5.3 U vs	5.3 U vs
Cyclohexane	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	5.3 U vs	5.3 U vs
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	5.3 U vs	5.3 U vs
Dibromochloromethane	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	5.3 U vs	5.3 U vs
Dichlorobenzene, 1,2-	µg/kg	1,100[AC] $100,000_b$[B]	n/v	-	-	-	5.3 U vs	5.3 U vs
Dichlorobenzene, 1,3-	µg/kg	2,400[AC] 49,000[B]	n/v	-	-	-	5.3 U vs	5.3 U vs
Dichlorobenzene, 1,4-	µg/kg	1,800[AC] 13,000[B]	n/v	-	-	-	5.3 U vs	5.3 U vs
Dichlorodifluoromethane (Freon 12)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	5.3 U vs	5.3 U vs
Dichloroethane, 1,1-	µg/kg	270[AC] 26,000[B]	n/v	-	-	-	5.3 U vs	5.3 U vs
Dichloroethane, 1,2-	µg/kg	20_m[A] 3,100[B] 20_g[C]	n/v	-	-	-	5.3 U vs	5.3 U vs
Dichloroethene, 1,1-	µg/kg	330[AC] $100,000_b$[B]	n/v	-	-	-	5.3 U vs	5.3 U vs
Dichloroethene, cis-1,2-	µg/kg	250[AC] $100,000_b$[B]	n/v	-	-	-	5.3 U vs	5.3 U vs
Dichloroethene, trans-1,2-	µg/kg	190[AC] $100,000_b$[B]	n/v	-	-	-	5.3 U vs	5.3 U vs
Dichloropropane, 1,2-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	5.3 U vs	5.3 U vs
Dichloropropene, cis-1,3-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	5.3 U vs	5.3 U vs
Dichloropropene, trans-1,3-	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	5.3 U vs	5.3 U vs
Dioxane, 1,4-	µg/kg	100_m[A] 13,000[B] 100_l[C]	n/v	-	-	-	-	-
Ethylbenzene	µg/kg	1,000[AC] 41,000[B]	n/v	-	-	-	5.3 U vs	5.3 U vs
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	5.3 U vs	5.3 U vs
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	27 U vs	27 U vs
Isopropylbenzene	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	2,300[E]	-	-	-	5.3 U vs	5.3 U vs
Isopropyltoluene, p- (Cymene)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	10,000[E]	-	-	-	5.3 U vs	5.3 U vs
Methyl Acetate	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	27 U vs	27 U vs
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	120[AC] $100,000_b$[B]	300[E]	-	-	-	27 U vs	27 U vs
Methyl Isobutyl Ketone (MIBK)	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	1,000[E]	-	-	-	27 U vs	27 U vs
Methyl tert-butyl ether (MTBE)	µg/kg	930[AC] $100,000_b$[B]	n/v	-	-	-	5.3 U vs	5.3 U vs
Methylcyclohexane	µg/kg	$100,000_a$[A] $100,000_b$[B] $1,000,000_d$[C]	n/v	-	-	-	5.3 u vs	5.3 U vs
Methylene Chloride (Dichloromethane)	µg/kg	50[AC] $100,000_b$[B]	n/v	-	-	-	5.3 U vs	5.3 U vs

See notes on last page.

Table 20
Summary of Analytical Results for Waste Characterization - Solid
Final Engineering Report (FER)
67- 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51	CNL-WC-CID2-S 25-April-2023 CNL-WC-CID2-S STANTEC ALPHA L2322303 L2322303-01	CNL-WC-CID2-LEAD-S 26-April-2023 CNL-WC-CID2-LEAD-S STANTEC ALPHA L2322588 L2322588-01	CNL-WC-CID2-1-S 26-April-2023 CNL-WC-CID2-1-S STANTEC ALPHA L2322588 L2322588-02	CNL-WC1-S 12-December-2022 CNL-WC1-S STANTEC ERF 480-204742 480-204742-1	CNL-WC-DUP-S 12-December-2022 CNL-WC-DUP-S STANTEC ERF 480-204742 480-204742-1
Volatile Organic Compounds								
Naphthalene	µg/kg	$12{,}000^{AC}$ $100{,}000_{b}^{B}$	n/v	-	-	-	5.3 U vs	5.3 U vs
Propylbenzene, n-	µg/kg	$3{,}900^{AC}$ $100{,}000_{b}^{B}$	n/v	-	-	-	5.3 U vs	5.3 U vs
Styrene	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	-	-	-	5.3 U vs	5.3 U vs
Tetrachloroethane, 1,1,2,2-	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	600^{E}	-	-	-	5.3 U vs	5.3 U vs
Tetrachloroethene (PCE)	µg/kg	$1{,}300^{AC}$ $19{,}000^{B}$	n/v	-	-	-	-	-
Toluene	µg/kg	700^{AC} $100{,}000_{b}^{B}$	n/v	-	-	-	5.3 U vs	5.3 U vs
Trichlorobenzene, 1,2,3-	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	-	-	-	-	-
Trichlorobenzene, 1,2,4-	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	$3{,}400^{E}$	-	-	-	5.3 U vs	5.3 U vs
Trichloroethane, 1,1,1-	µg/kg	680^{AC} $100{,}000_{b}^{B}$	n/v	-	-	-	5.3 U vs	5.3 U vs
Trichloroethane, 1,1,2-	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	-	-	-	5.3 U vs	5.3 U vs
Trichloroethene (TCE)	µg/kg	470^{AC} $21{,}000^{B}$	n/v	-	-	-	5.3 U vs	5.3 U vs
Trichlorofluoromethane (Freon 11)	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	-	-	-	5.3 U vs	5.3 U vs
Trichlorotrifluoroethane (Freon 113)	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	$6{,}000^{E}$	-	-	-	5.3 U vs	5.3 U vs
Trimethylbenzene, 1,2,4-	µg/kg	$3{,}600^{AC}$ $52{,}000^{B}$	n/v	-	-	-	5.3 U vs	5.3 U vs
Trimethylbenzene, 1,3,5-	µg/kg	$8{,}400^{AC}$ $52{,}000^{B}$	n/v	-	-	-	5.3 U vs	5.3 U vs
Vinyl Chloride	µg/kg	20^{AC} 900^{B}	n/v	-	-	-	5.3 U vs	5.3 U vs
Xylene, m & p-	µg/kg	260_{p}^{A} $100{,}000_{b,p}^{B}$ $1{,}600_{p}^{C}$	n/v	-	-	-	-	-
Xylene, o-	µg/kg	260_{p}^{A} $100{,}000_{b,p}^{B}$ $1{,}600_{p}^{C}$	n/v	-	-	-	-	-
Xylenes, Total	µg/kg	260^{A} $100{,}000_{b}^{B}$ $1{,}600^{C}$	n/v	-	-	-	11 U vs	11 U vs
VOC TICs								
Total VOC TICs	µg/kg	n/v	n/v	-	-	-	-	-
Volatile Organic Compounds - TCLP								
Benzene	mg/L	n/v	n/v	-	-	-	-	-
Carbon Tetrachloride (Tetrachloromethane)	mg/L	n/v	n/v	-	-	-	-	-
Chlorobenzene (Monochlorobenzene)	mg/L	n/v	n/v	-	-	-	-	-
Chloroform (Trichloromethane)	mg/L	n/v	n/v	-	-	-	-	-
Dichloroethane, 1,2-	mg/L	n/v	n/v	-	-	-	-	-
Dichloroethene, 1,1-	mg/L	n/v	n/v	-	-	-	-	-
Methyl Ethyl Ketone (MEK) (2-Butanone)	mg/L	n/v	0.3^{E}	-	-	-	-	-
Tetrachloroethene (PCE)	mg/L	n/v	n/v	-	-	-	-	-
Trichloroethene (TCE)	mg/L	n/v	n/v	-	-	-	-	-
Vinyl Chloride	mg/L	n/v	n/v	-	-	-	-	-

See notes on last page.

Table 20
Summary of Analytical Results for Waste Characterization- Solid
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C82820

Notes:

NYSDEC-Part 375	NYSDEC 6 NYCRR Part 375 Soil Clean-up Objectives (SCOs)
A	NYSDEC 6 NYCRR Part 375 - Unrestricted Use Soil Cleanup Objectives
B	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Human Health - Restricted Residential
C	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Groundwater
NYSDEC CP-51	New York State Department of Environmental Conservation, DEC Policy CP-51, October 21, 2010
D	Table 1 Supplemental Soil Cleanup Objectives - Restricted Residential
E	Table 1 Supplemental Soil Cleanup Objectives - Protection of Groundwater
6.5[A]	Concentration exceeds the indicated standard.
15.2	Measured concentration did not exceed the indicated standard.
0.50 U	Laboratory reporting limit was greater than the applicable 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.
a[A]	The SCOs for unrestricted use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3
a[E]	SCOs for organic contaminants (volatile organic compounds, semivolatile organic compounds, and pesticides) are capped at 100 ppm for residential use, 500 ppm for commercial use, 1000 ppm for industrial use. SCOs for metals are capped at 10,000 ppm.
b[B]	The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3.
b[E]	Based on rural background study
b,p	The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3. The criterion is applicable to total xylenes, and the individual isomers should be added for comparison.
b,s1	Based on rural background study. The value of 1.0 refers to SVOC analses while the 0.17b refers to VOC analyses.
d	The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 mg/kg (Organics) and 10000 mg/kg (Inorganics). See 6 NYCRR Part 375 TSD Section 9.3.
e	The SCOS for metals were capped at a maximum value of 10,000 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3.
f	For constituents where the calculated SCO was lower than the CRQL, the CRQL is used as the SCO value.
g	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
i	The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.
j	This SCO is the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
k	This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts). See 6 NYCRR Part 375 TSD Table 5.6-1.
m	For constituents where the calculated SCO was lower than the Contract Required Quantitation Limit (CRQL), the CRQL is used as the Track 1 SCO value.
n	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.
n,l	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.
	The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.
NS,q	No SCO has been established for this compound. No SCO has been established for total chromium; however, see standards for trivalent and hexavalent chromium.
o	Standard is applicable to total PCBs, and the individual Aroclors should be added for comparison.
p	The criterion is applicable to total xylenes, and the individual isomers should be added for comparison.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Indicates analyte was found in associated blank, as well as in the sample.
F1	MS and/or MSD recovery exceeds control limits.
HF	Field parameter with a holding time of 15 minutes
J	The reported result is an estimated value.
M	Denotes matrix spike recoveries outside QC limits. Matrix bias indicated.
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.
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.
ALPHA	Alpha Scientific Corp
ERF	Eurofins Environmental Testing America
PARAROCH	Paradigm Environmental Services, Inc.
TCLP	Toxicity Characteristic Leaching Procedure

Table 21
Summary of Analytical Results for Waste Characterization - Liquid
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location				CNL-FRACTANK1	CNL-FRACTANK1-2	CNL-FRACTANK2	CNL-FRACTANK2-1	CNL-FRACTANK2-2		CNL-FRACTANK3
Sample Date				12-Dec-22	19-Dec-22	24-Jan-23	10-Apr-23	9-May-23	12-May-23	7-Mar-23
Sample ID				CNL - FracTank1-W	CNL-FracTank1-W-2	CNL-FracTank2-W	CNL-FracTank2-1-W	CNL-FracTank2-20230509-W	CNL-FracTank2-2-W	CNL-FracTank3-W
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order				225906	226005	230292	231382	231925	232013	230860
Laboratory Sample ID				225906-01	226005-01	230292-01	231382-01	231925-01	232013-01	230860-01
Sample Type	Units	TOGS	NYSDEC							
General Chemistry										
pH, lab	S.U.	n/v	n/v	9.17	-	7.71	7.69	-	7.53	8.60
Metals										
Arsenic	mg/L	0.025[B]	5.0[C]	0.010 U	-	0.00500 U	0.00500 U	-	0.00500 U	0.00500 U
Barium	mg/L	1[B]	100.0[C]	-	-	0.109	0.128	-	0.0724	0.0838
Cadmium	mg/L	0.005[B]	1.0[C]	**0.018[B]**	-	0.00250 U	0.00250 U	-	0.00250 U	0.00250 U
Chromium	mg/L	0.05[B]	5.0[C]	**0.17[B]**	-	0.0144	0.00500 U	-	0.0248	0.0119
Copper	mg/L	0.2[B]	n/v	**0.58[B]**	-	-	-	-	-	-
Lead	mg/L	0.025[B]	5.0[C]	**1.7[B]**	-	**0.0299[B]**	0.00895	-	0.00500 U	**0.0256[B]**
Mercury	mg/L	0.0007[B]	0.2[C]	-	-	0.000200 U	0.000200 U	-	0.000200 U	0.000200 U
Nickel	mg/L	0.1[B]	n/v	**0.14[B]**	-	-	-	-	-	-
Selenium	mg/L	0.01[B]	1.0[C]	-	-	0.0100 U	0.0100 U	-	0.0100 U	0.0100 U
Silver	mg/L	0.05[B]	5.0[C]	0.010 U	-	0.00500 U	0.00500 U	-	0.00500 U	0.00500 U
Zinc	mg/L	2[A]	n/v	**2.4 M[A]**	-	-	-	-	-	-
Polychlorinated Biphenyls										
Aroclor 1016	µg/L	0.09[B]	n/v	1.00 U	-	0.0949 U	0.0959 U	-	0.0952 U	0.250 U
Aroclor 1221	µg/L	0.09[B]	n/v	1.00 U	-	0.0949 U	0.0959 U	-	0.0952 U	0.250 U
Aroclor 1232	µg/L	0.09[B]	n/v	1.00 U	-	0.0949 U	0.0959 U	-	0.0952 U	0.250 U
Aroclor 1242	µg/L	0.09[B]	n/v	1.00 U	-	0.0949 U	0.0959 U	-	0.0952 U	0.250 U
Aroclor 1248	µg/L	0.09[B]	n/v	1.00 U	-	0.0949 U	0.0959 U	-	0.0952 U	0.250 U
Aroclor 1254	µg/L	0.09[B]	n/v	1.00 U	-	0.0949 U	0.0959 U	-	0.0952 U	0.250 U
Aroclor 1260	µg/L	0.09[B]	n/v	1.00 U	-	0.0949 U	0.0959 U	-	0.0952 U	0.250 U
Pesticides										
Aldrin	µg/L	n/v	n/v	0.052 U	-	0.048 U	0.048 U	-	0.048 U	0.020 U
BHC, alpha-	µg/L	0.01[B]	n/v	0.052 U	-	0.048 U	0.048 U	-	0.048 U	0.020 U
BHC, beta-	µg/L	0.04[B]	n/v	0.052 U	-	0.048 U	0.048 U	-	0.048 U	0.020 U
BHC, delta-	µg/L	0.04[B]	n/v	0.052 U	-	0.048 U	0.048 U	-	0.048 U	0.020 U
Camphechlor (Toxaphene)	µg/L	0.06[B]	500[C]	1.00 U	-	0.96 U	0.95 U	-	0.960 U	0.400 U
Chlordane (Total)	µg/L	0.05[B]	30[C]	-	-	0.048 U	0.048 U	-	0.048 U	0.200 U
Chlordane, alpha-	µg/L	n/v	n/v	0.052 U	-	0.048 U	0.048 U	-	0.048 U	0.020 U
Chlordane, trans- (gamma-Chlordane)	µg/L	n/v	n/v	0.052 U	-	0.048 U	0.048 U	-	0.048 U	0.020 U
DDD (p,p'-DDD)	µg/L	0.3[B]	n/v	0.100 U	-	0.096 U	0.095 U	-	0.096 U	0.040 U
DDE (p,p'-DDE)	µg/L	0.2[B]	n/v	0.100 U	-	0.096 U	0.095 U	-	0.096 U	0.040 U
DDT (p,p'-DDT)	µg/L	0.2[B]	n/v	0.100 U	-	0.096 U	0.095 U	-	0.096 U	0.040 U
Dieldrin	µg/L	0.004[B]	n/v	0.100 U	-	0.096 U	0.095 U	-	0.096 U	0.040 U
Endosulfan I	µg/L	n/v	n/v	0.052 U	-	0.048 U	0.048 U	-	0.048 U	0.020 U
Endosulfan II	µg/L	n/v	n/v	0.100 U	-	0.096 U	0.095 U	-	0.096 U	0.040 U
Endosulfan Sulfate	µg/L	n/v	n/v	0.100 U	-	0.096 U	0.095 U	-	0.096 U	0.040 U
Endrin	µg/L	n/v	20[C]	0.100 U	-	0.096 U	0.095 U	-	0.096 U	0.040 U
Endrin Aldehyde	µg/L	5[B]	n/v	0.100 U	-	0.096 U	0.095 U	-	0.096 U	0.040 U
Endrin Ketone	µg/L	5[B]	n/v	0.100 U	-	0.096 U	0.095 U	-	0.096 U	0.040 U
Heptachlor	µg/L	0.04[AB]	8[C]	0.052 U	-	0.048 U	0.048 U	-	0.048 U	0.020 U
Heptachlor Epoxide	µg/L	0.03[B]	8[C]	0.052 U	-	0.048 U	0.048 U	-	0.048 U	0.020 U
Lindane (Hexachlorocyclohexane, gamma)	µg/L	0.05[B]	400[C]	0.052 U	-	0.048 U	0.048 U	-	0.048 U	0.020 U
Methoxychlor (4,4'-Methoxychlor)	µg/L	35[B]	10,000[C]	0.520 U	-	0.48 U	0.48 U	-	0.480 U	0.100 U
Semi-Volatile Organic Compounds										
Acenaphthene	µg/L	20[B]	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Acenaphthylene	µg/L	n/v	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Anthracene	µg/L	50[A]	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Benzidine	µg/L	5[B]	n/v	-	25 U	20.0 U	40.0 U	20.0 U	-	100 U
Benzo(a)anthracene	µg/L	0.002[A]	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Benzo(a)pyrene	µg/L	ND[B]	n/v	-	-	10.0 U	20.0 U	10.0 U	-	50.0 U
Benzo(b)fluoranthene	µg/L	0.002[A]	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Benzo(g,h,i)perylene	µg/L	n/v	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Benzo(k)fluoranthene	µg/L	0.002[A]	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Bis(2-Chloroethoxy)methane	µg/L	5[B]	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Bis(2-Chloroethyl)ether	µg/L	1[B]	n/v	-	5.0 U	5.00 U	10.0 U	5.00 U	-	50.0 U
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/L	5[B]	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5[B]	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Bromophenyl Phenyl Ether, 4-	µg/L	n/v	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Butyl Benzyl Phthalate	µg/L	50[A]	n/v	-	-	10.0 U	20.0 U	10.0 U	-	50.0 U
Chloro-3-methyl phenol, 4-	µg/L	n/v	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Chloronaphthalene, 2-	µg/L	10[B]	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Chlorophenol, 2- (ortho-Chlorophenol)	µg/L	n/v	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Chlorophenyl Phenyl Ether, 4-	µg/L	n/v	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Chrysene	µg/L	0.002[A]	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Dibenzo(a,h)anthracene	µg/L	n/v	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Dibutyl Phthalate (DBP)	µg/L	50[B]	n/v	-	**56.0[B]**	**74.8[B]**	**377[B]**	**76.3[B]**	-	**86.3[B]**
Dichlorobenzidine, 3,3'-	µg/L	5[B]	n/v	-	-	10.0 U	20.0 U	10.0 U	-	50.0 U
Dichlorophenol, 2,4-	µg/L	5[B]	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U

Table 21
Summary of Analytical Results for Waste Characterization - Liquid
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location				CNL-FRACTANK1	CNL-FRACTANK1-2	CNL-FRACTANK2	CNL-FRACTANK2-1	CNL-FRACTANK2-2		CNL-FRACTANK3
Sample Date				12-Dec-22	19-Dec-22	24-Jan-23	10-Apr-23	9-May-23	12-May-23	7-Mar-23
Sample ID				CNL - FracTank1-W	CNL-FracTank1-W-2	CNL-FracTank2-W	CNL-FracTank2-1-W	CNL-FracTank2-20230509-W	CNL-FracTank2-2-W	CNL-FracTank3-W
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order				225906	226005	230292	231382	231925	232013	230860
Laboratory Sample ID				225906-01	226005-01	230292-01	231382-01	231925-01	232013-01	230860-01
Sample Type	Units	TOGS	NYSDEC							
Diethyl Phthalate	µg/L	50[A]	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Dimethyl Phthalate	µg/L	50[A]	n/v	-	5.0 U	20.0 U	40.0 U	20.0 U	-	100 U
Dimethylphenol, 2,4-	µg/L	50[A]	n/v	-	5.0 U	20.0 U	40.0 U	20.0 U	-	100 U
Dinitro-o-cresol, 4,6-	µg/L	n/v	n/v	-	25 U	20.0 U	40.0 U	20.0 U	-	100 U
Dinitrophenol, 2,4-	µg/L	10[A]	n/v	-	25 U	20.0 U	40.0 U	20.0 U	-	100 U
Dinitrotoluene, 2,4-	µg/L	5.*[B]	130$_{FS}$[C]	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Dinitrotoluene, 2,6-	µg/L	5.*[B]	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Di-n-Octyl phthalate	µg/L	50[A]	n/v	-	-	10.0 U	20.0 U	10.0 U	-	50.0 U
Diphenylhydrazine, 1,2-	µg/L	n/v	n/v	-	-	10.0 U	10.0 U	10.0 U	-	50.0 U
Fluoranthene	µg/L	50[A]	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Fluorene	µg/L	50[A]	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Hexachlorobenzene	µg/L	0.04[B]	130$_{FS}$[C]	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/L	0.5[B]	500[C]	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Hexachlorocyclopentadiene	µg/L	5.*[B]	n/v	-	10 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Hexachloroethane	µg/L	5.*[B]	3,000[C]	-	10 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Indeno(1,2,3-cd)pyrene	µg/L	0.002[A]	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Isophorone	µg/L	50[A]	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Naphthalene	µg/L	10[B]	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Nitrobenzene	µg/L	0.4[B]	2,000[C]	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Nitrophenol, 2-	µg/L	n/v	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Nitrophenol, 4-	µg/L	n/v	n/v	-	25 U	20.0 U	40.0 U	20.0 U	-	100 U
N-Nitrosodimethylamine (NDMA)	µg/L	n/v	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
N-Nitrosodi-n-Propylamine	µg/L	n/v	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
n-Nitrosodiphenylamine	µg/L	50[A]	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Pentachlorophenol	µg/L	1.0[B]	100,000[C]	-	25 U	20.0 U	40.0 U	20.0 U	-	100 U
Phenanthrene	µg/L	50[A]	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Phenol	µg/L	1.0[B]	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Pyrene	µg/L	50[A]	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Trichlorobenzene, 1,2,4-	µg/L	5.*[B]	n/v	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U
Trichlorophenol, 2,4,6-	µg/L	n/v	2,000[C]	-	5.0 U	10.0 U	20.0 U	10.0 U	-	50.0 U

See notes on last page.

Table 21
Summary of Analytical Results for Waste Characterization - Liquid
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location				CNL-FRACTANK1	CNL-FRACTANK1-2	CNL-FRACTANK2	CNL-FRACTANK2-1	CNL-FRACTANK2-2		CNL-FRACTANK3
Sample Date				12-Dec-22	19-Dec-22	24-Jan-23	10-Apr-23	9-May-23	12-May-23	7-Mar-23
Sample ID				CNL - FracTank1-W	CNL-FracTank1-W-2	CNL-FracTank2-W	CNL-FracTank2-1-W	CNL-FracTank2-20230509-W	CNL-FracTank2-2-W	CNL-FracTank3-W
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order				225906	226005	230292	231382	231925	232013	230860
Laboratory Sample ID				225906-01	226005-01	230292-01	231382-01	231925-01	232013-01	230860-01
Sample Type	Units	TOGS	NYSDEC							
Volatile Organic Compounds										
Acrolein	µg/L	5** [B]	n/v	10.0 U	-	-	-	-	-	-
Acrylonitrile	µg/L	5** [B]	n/v	2.00 U	-	-	-	-	-	-
Benzene	µg/L	1 [B]	500 [C]	1.00 U	-	1.00 U	**23.9** [B]	**5.12** [B]	-	**3.88** [B]
Bromodichloromethane	µg/L	50 [A]	n/v	2.00 U	-	2.00 U	20.0 U	2.00 U	-	2.00 U
Bromoform (Tribromomethane)	µg/L	50 [A]	n/v	5.00 U	-	5.00 U	50.0 U	5.00 U	-	5.00 U
Bromomethane (Methyl bromide)	µg/L	5** [B]	n/v	2.00 U	-	2.00 U	20.0 U	2.00 U	-	2.00 U
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5 [B]	500 [C]	2.00 U	-	2.00 U	20.0 U	2.00 U	-	2.00 U
Chlorobenzene (Monochlorobenzene)	µg/L	5** [B]	100,000 [C]	2.00 U	-	2.00 U	20.0 U	2.00 U	-	2.00 U
Chloroethane (Ethyl Chloride)	µg/L	5** [B]	n/v	2.00 U	-	2.00 U	20.0 U	2.00 U	-	2.00 U
Chloroethyl Vinyl Ether, 2-	µg/L	n/v	n/v	5.00 U	-	5.00 U	50.0 U	5.00 U	-	5.00 U
Chloroform (Trichloromethane)	µg/L	7 [B]	6,000 [C]	2.00 U	-	2.00 U	20.0 U	2.00 U	-	2.00 U
Chloromethane	µg/L	5** [B]	n/v	2.00 U	-	2.00 U	20.0 U	2.00 U	-	2.00 U
Dibromochloromethane	µg/L	50 [A]	n/v	2.00 U	-	2.00 U	20.0 U	2.00 U	-	2.00 U
Dichlorobenzene, 1,2-	µg/L	3 [B]	n/v	2.00 U	10 U	2.00 U	20.0 U	2.00 U	-	2.00 U
Dichlorobenzene, 1,3-	µg/L	3 [B]	n/v	2.00 U	10 U	2.00 U	20.0 U	2.00 U	-	2.00 U
Dichlorobenzene, 1,4-	µg/L	3 [B]	7,500 [C]	2.00 U	10 U	2.00 U	20.0 U	2.00 U	-	2.00 U
Dichloroethane, 1,1-	µg/L	5** [B]	n/v	2.00 U	-	2.00 U	20.0 U	2.00 U	-	2.00 U
Dichloroethane, 1,2-	µg/L	0.6 [B]	500 [C]	2.00 U	-	2.00 U	20.0 U	2.00 U	-	2.00 U
Dichloroethene, 1,1-	µg/L	5** [B]	700 [C]	2.00 U	-	2.00 U	20.0 U	2.00 U	-	2.00 U
Dichloroethene, cis-1,2-	µg/L	5** [B]	n/v	2.00 U	-	-	-	-	-	-
Dichloroethene, trans-1,2-	µg/L	5** [B]	n/v	2.00 U	-	2.00 U	20.0 U	2.00 U	-	2.00 U
Dichloropropane, 1,2-	µg/L	1 [B]	n/v	2.00 U	-	2.00 U	20.0 U	2.00 U	-	2.00 U
Dichloropropene, cis-1,3-	µg/L	0.4 [B] [p]	n/v	2.00 U	-	2.00 U	20.0 U	2.00 U	-	2.00 U
Dichloropropene, trans-1,3-	µg/L	0.4 [B] [p]	n/v	2.00 U	-	2.00 U	20.0 U	2.00 U	-	2.00 U
Ethylbenzene	µg/L	5** [B]	n/v	2.00 U	-	2.00 U	**26.9** [B]	3.84	-	**26.9** [B]
Methylene Chloride (Dichloromethane)	µg/L	5** [B]	n/v	5.00 U	-	5.00 U	50.0 U	5.00 U	-	5.00 U
Tetrachloroethane, 1,1,2,2-	µg/L	5** [B]	n/v	2.00 U	-	2.00 U	20.0 U	2.00 U	-	2.00 U
Tetrachloroethene (PCE)	µg/L	5** [B]	700 [C]	2.00 U	-	2.00 U	20.0 U	2.00 U	-	2.00 U
Toluene	µg/L	5** [B]	n/v	1.46	-	2.00 U	**53.2** [B]	**13.9** [B]	-	**13.1** [B]
Trichloroethane, 1,1,1-	µg/L	5** [B]	n/v	2.00 U	-	2.00 U	20.0 U	2.00 U	-	2.00 U
Trichloroethane, 1,1,2-	µg/L	1 [B]	n/v	2.00 U	-	2.00 U	20.0 U	2.00 U	-	2.00 U
Trichloroethene (TCE)	µg/L	5** [B]	500 [C]	2.00 U	-	2.00 U	20.0 U	2.00 U	-	2.00 U
Trichlorofluoromethane (Freon 11)	µg/L	5** [B]	n/v	2.00 U	-	2.00 U	20.0 U	2.00 U	-	2.00 U
Vinyl Chloride	µg/L	2 [B]	200 [C]	2.00 U	-	2.00 U	20.0 U	2.00 U	-	2.00 U

Notes:

TOGS	NYSDEC TOGS 1.1.1 (Reissued June 1998 with errata in January 1999 and addenda in April 2000 and June 2004)
[A]	TOGS 1.1.1 - Table 1 - Ambient Water Quality Standards and Guidance Values, Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1); Guidance
[B]	TOGS 1.1.1 - Table 1 - Ambient Water Quality Standards and Guidance Values, Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1); Standards
NYSDEC	New York State Department of Environmental Conservation, September 5, 2006
[C]	Part 371.3: Characteristics of Hazardous Waste, Table 1 - Maximum Concentration of Contaminants for the Toxicity Characteristic
6.5 [A]	Concentration exceeds the indicated standard.
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.
**	The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in the TOGS table) applies to this substance.
F3	Quantitation limit is greater than the calculated regulatory level. The quantitation limit therefore becomes the regulatory level.
ND	None detected.
[p]	Applies to the sum of cis- and trans-1,3-dichloropropene.
M	Matrix spike recoveries outside QC limits. Matrix bias indicated.
PARAROCH	Paradigm Environmental Services, Inc.

Table 21
Summary of Analytical Results for Waste Characterization - Liquid
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location				CNL-FRACTANK1	CNL-FRACTANK1-2	CNL-FRACTANK2	CNL-FRACTANK2-1	CNL-FRACTANK2-2		CNL-FRACTANK3
Sample Date				12-Dec-22	19-Dec-22	24-Jan-23	10-Apr-23	9-May-23	12-May-23	7-Mar-23
Sample ID				CNL - FracTank1-W	CNL-FracTank1-W-2	CNL-FracTank2-W	CNL-FracTank2-1-W	CNL-FracTank2-20230509-W	CNL-FracTank2-2-W	CNL-FracTank3-W
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH	PARAROCH
Laboratory Work Order				225906	226005	230292	231382	231925	232013	230860
Laboratory Sample ID				225906-01	226005-01	230292-01	231382-01	231925-01	232013-01	230860-01
Sample Type	Units	TOGS	NYSDEC							

Table 22
Summary of Analytical Results for Confirmatory Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location				CNL-1A-G1	CNL-1A-G2	CNL-1A-G3		CNL-1A-G4	CNL-1A-G5	CNL-1A-G6	CNL-1A-G7	CNL-1A-G8	CNL-1A-G9	CNL-1A-G10	CNL-1B	CNL-1B-G1	CNL-1B-G2	CNL-1B-G3	CNL-1B-G4		CNL-1C-G1
Sample Date				22-Feb-23	22-Feb-23	24-Feb-23	24-Feb-23	24-Feb-23	13-Mar-23	13-Mar-23	14-Mar-23	14-Mar-23	14-Mar-23	14-Mar-23	14-Feb-23	15-Feb-23	15-Feb-23	15-Feb-23	15-Feb-23	14-Feb-23	14-Feb-23	23-Feb-23
Sample ID				CNL-1A-G1-S	CNL-1A-G2-S	CNL-1A-G3-S	CNL-1A-DUP-S	CNL-1A-G4-S	CNL-1A-G5-S	CNL-1A-G6-S	CNL-1A-G7-S	CNL-1A-G8-S	CNL-1A-G9-S	CNL-1A-G10-S	CNL-1B-S	CNL-1B-G1-S	CNL-1B-G2-S	CNL-1B-G3-S	CNL-1B-G4-S	CNL-1B-DUP-S	CNL-1C-G1-S
Sample Depth				3 ft	3 ft	3 ft	3 ft	3 ft	3 ft	3.5 ft	3 ft	4 ft	3 ft	3.5 ft		4.5 ft	5 ft	4 ft	4.5 ft	4.5 ft	4 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA
Laboratory Work Order				L2309563	L2309563	L2310137	L2310137	L2310137	L2313034	L2313034	L2313270	L2313270	L2313270	L2313270	L2307989	L2308289	L2308289	L2308289	L2307989	L2307989	L2309860
Laboratory Sample ID				L2309563-01	L2309563-02	L2310137-01	L2310137-03	L2310137-02	L2313034-01	L2313034-02	L2313270-01	L2313270-02	L2313270-03	L2313270-04	L2307989-01	L2308289-03	L2308289-01	L2308289-02	L2307989-02	L2307989-03	L2309860-01
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51				Field Duplicate													Field Duplicate	
General Chemistry																					
Total Solids	%	n/v	n/v	88.2	79.7	88.0	87.2	88.6	86.5	85.7	86.7	87.7	85.5	85.0	85.3	83.8	81.0	85.4	81.3	80.7	86.0
Semi-Volatile Organic Compounds																					
Acenaphthene	µg/kg	20,000[A] 100,000[B] 98,000[C]	n/v	150 U	160 U	150 U	150 U	150 U	150 U	150 U	150 U	150 U	160 U	150 U	150 U	160 U	160 U	150 U	160 U	160 U	150 U
Acenaphthylene	µg/kg	100,000[A] 100,000[B] 107,000[C]	n/v	150 U	160 U	150 U	150 U	150 U	150 U	150 U	150 U	150 U	160 U	150 U	150 U	160 U	160 U	150 U	160 U	94 J	150 U
Acetophenone	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 U
Anthracene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	110 U	120 U	110 U	110 U	110 U	110 U	120 U	110 U	110 U	120 U	120 U	110 U	120 U	120 U	120 U	120 UJ	350 J	110 U
Atrazine	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	150 U	160 U	150 U	150 U	150 U	150 U	150 U	150 U	150 U	160 U	150 U	150 U	160 U	160 U	150 U	160 U	160 U	150 U
Benzaldehyde	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	250 U	270 U	240 U	250 U	240 U	250 U	250 U	250 U	240 U	260 U	250 U	250 U	260 U	270 U	250 U	260 U	260 U	250 U
Benzo(a)anthracene	µg/kg	1,000[A] 1,000[BC]	n/v	110 U	120 U	110 U	110 U	110 U	110 U	120 U	110 U	110 U	120 U	120 U	110 U	120 U	120 U	120 U	26 J	630 J	110 U
Benzo(a)pyrene	µg/kg	1,000[A] 1,000[B] 22,000[C]	n/v	150 U	160 U	150 U	150 U	150 U	150 U	150 U	150 U	150 U	160 U	150 U	150 U	160 U	160 U	150 U	160 UJ	680 J	150 U
Benzo(b)fluoranthene	µg/kg	1,000[A] 1,000[B] 1,700[C]	n/v	110 U	120 U	110 U	110 U	110 U	110 U	120 U	110 U	110 U	120 U	120 U	110 U	120 U	120 U	120 U	120 UJ	730 J	110 U
Benzo(g,h,i)perylene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	150 U	160 U	150 U	150 U	150 U	150 U	150 U	150 U	150 U	160 U	150 U	150 U	160 U	160 U	150 U	160 UJ	380 J	150 U
Benzo(k)fluoranthene	µg/kg	800[A] 3,900[B] 1,700[C]	n/v	110 U	120 U	110 U	110 U	110 U	110 U	120 U	110 U	110 U	120 U	120 U	110 U	120 U	120 U	120 U	120 UJ	240 J	110 U
Biphenyl	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	420 U	470 U	420 U	430 U	420 U	430 U	440 U	430 U	420 U	440 U	440 U	430 U	440 U	460 U	440 U	450 U	460 U	430 U
Bis(2-Chloroethoxy)methane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	200 U	220 U	200 U	200 U	200 U	200 U	210 U	200 U	200 U	210 U	210 U	200 U	210 U	220 U	210 U	210 U	220 U	200 U
Bis(2-Chloroethyl)ether	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	170 U	190 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U	180 U	180 U	170 U	180 U	180 U	170 U
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	220 U	250 U	220 U	220 U	220 U	220 U	230 U	220 U	220 U	230 U	230 U	230 UJ	230 U	240 U	230 U	240 U	240 U	230 U
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	435,000[E]	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 U
Bromophenyl Phenyl Ether, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 U
Butyl Benzyl Phthalate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	122,000[E]	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 U
Caprolactam	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 U
Carbazole	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	56 J	190 U
Chloro-3-methyl phenol, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 U
Chloroaniline, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	220[E]	190 U	210 U	180 UJ	190 UJ	180 UJ	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 UJ
Chloronaphthalene, 2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 U
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 U
Chlorophenyl Phenyl Ether, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 U
Chrysene	µg/kg	1,000[A] 3,900[B] 1,000[C]	n/v	110 U	120 U	110 U	110 U	110 U	110 U	120 U	110 U	110 U	120 U	120 U	110 U	120 U	120 U	120 U	23 J	530 J	110 U
Cresol, m & p- (Methylphenol, 3&4-)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	270 U	300 U	260 U	270 U	270 U	270 U	280 U	270 U	270 U	280 U	280 U	270 U	280 U	290 U	280 U	290 U	290 U	270 U
Cresol, o- (Methylphenol, 2-)	µg/kg	330[A] 100,000[B] 330[C]	n/v	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 U
Dibenzo(a,h)anthracene	µg/kg	330[A] 330[B] 1,000,000[C]	n/v	110 U	120 U	110 U	110 U	110 U	110 U	120 U	110 U	110 U	120 U	120 U	110 U	120 U	120 U	120 U	120 U	83 J	110 U
Dibenzofuran	µg/kg	7,000[A] 59,000[B] 210,000[C]	6,200[E]	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	45 J	190 U
Dibutyl Phthalate (DBP)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	8,100[E]	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 U
Dichlorobenzidine, 3,3'-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 U
Dichlorophenol, 2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	400[E]	170 U	190 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U	180 U	180 U	170 U	180 U	180 U	170 U
Diethyl Phthalate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	7,100[E]	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 U
Dimethyl Phthalate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	27,000[E]	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 U
Dimethylphenol, 2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 U
Dinitro-o-cresol, 4,6-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	480 U	540 U	480 U	490 U	480 U	490 U	500 U	490 U	480 U	500 U	500 U	490 U	510 U	530 U	500 U	520 U	520 U	490 U
Dinitrophenol, 2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	200[E]	900 U	1,000 U	890 U	900 U	R	900 U	920 U	900 U	890 U	930 U	920 U	910 U	940 U	970 U	920 U	950 U	960 U	900 U
Dinitrotoluene, 2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 U
Dinitrotoluene, 2,6-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	1,000/170[b,s,t1][E]	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 U
Di-n-Octyl phthalate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	120,000[E]	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 U
Fluoranthene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	110 U	120 U	110 U	110 U	31 J	110 U	120 U	110 U	110 U	120 U	120 U	35 J	120 U	120 U	120 U	62 J	1,800	110 U
Fluorene	µg/kg	30,000[A] 100,000[B] 386,000[C]	n/v	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	51 J	190 U
Hexachlorobenzene	µg/kg	330[A] 1,200[B] 3,200[C]	1,400[E]	110 U	120 U	110 U	110 U	110 U	110 U	120 U	110 U	110 U	120 U	120 U	110 U	120 U	120 U	120 U	120 U	120 U	110 U
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 U
Hexachlorocyclopentadiene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	530 UJ	590 UJ	530 UJ	540 UJ	530 UJ	540 U	550 U	540 U	530 U	560 U	550 U	540 U	560 U	580 U	550 U	570 U	570 U	540 U
Hexachloroethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	150 U	160 U	150 U	150 U	150 U	150 U	150 U	150 U	150 U	160 U	150 U	150 U	160 U	160 U	150 U	160 U	160 U	150 U
Indeno(1,2,3-cd)pyrene	µg/kg	500[A] 500[B] 8,200[C]	n/v	150 U	160 U	150 U	150 U	150 U	150 U	150 U	150 U	150 U	160 U	150 U	150 U	160 U	160 U	150 U	160 UJ	460 J	150 U
Isophorone	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	4,400[E]	170 U	190 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U	180 U	180 U	170 U	180 U	180 U	170 U
Methylnaphthalene, 2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	36,400[E]	220 U	250 U	220 U	220 U	220 U	220 U	230 U	220 U	220 U	230 U	230 U	230 U	230 U	240 U	230 U	240 U	240 U	230 U
Naphthalene	µg/kg	12,000[AC] 100,000[B]	n/v	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	51 J	190 U
Nitroaniline, 2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	400[E]	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 U
Nitroaniline, 3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	500[E]	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 U
Nitroaniline, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 U
Nitrobenzene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	15,000[D] 170[b,E]	170 U	190 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U	180 U	180 U	170 U	180 U	180 U	170 U
Nitrophenol, 2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	300[E]	400 U	450 U	400 U	400 U	400 U	400 U	410 U	410 U	400 U	420 U	420 U	410 U	420 U	440 U	420 U	430 U	430 U	410 U
Nitrophenol, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	100[E]	260 U	290 U	260 U	260 U	260 U	260 U	270 U	260 U	260 U	270 U	270 U	270 U	270 U	280 U	270 U	280 U	280 U	260 U
N-Nitrosodi-n-Propylamine	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 UJ	200 U	200 U	190 U	200 UJ	200 UJ	190 U
n-Nitrosodiphenylamine	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	150 U	160 U	150 U	150 U	150 U	150 U	150 U	150 U	150 U	160 U	150 U	150 U	160 U	160 U	150 U	160 U	160 U	150 U
Pentachlorophenol	µg/kg	800[A] 6,700[B] 800[C]	n/v	150 U	160 U	150 U	150 U	150 U	150 U	150 U	150 U	150 U	160 U	150 U	150 U	160 U	160 U	150 U	160 U	160 U	150 U
Phenanthrene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	110 U	120 U	110 U	110 U	110 U	110 U	120 U	110 U	110 U	120 U	120 U	110 U	120 U	120 U	120 U	60 J	550 J	110 U
Phenol	µg/kg	330[A] 100,000[B] 330[C]	n/v	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 U

Table 22
Summary of Analytical Results for Confirmatory Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location				CNL-1A-G1	CNL-1A-G2	CNL-1A-G3		CNL-1A-G4	CNL-1A-G5	CNL-1A-G6	CNL-1A-G7	CNL-1A-G8	CNL-1A-G9	CNL-1A-G10	CNL-1B	CNL-1B-G1	CNL-1B-G2	CNL-1B-G3	CNL-1B-G4		CNL-1C-G1
Sample Date				22-Feb-23	22-Feb-23	24-Feb-23	24-Feb-23	24-Feb-23	13-Mar-23	13-Mar-23	14-Mar-23	14-Mar-23	14-Mar-23	14-Mar-23	14-Feb-23	15-Feb-23	15-Feb-23	15-Feb-23	14-Feb-23	14-Feb-23	23-Feb-23
Sample ID				CNL-1A-G1-S	CNL-1A-G2-S	CNL-1A-G3-S	CNL-1A-DUP-S	CNL-1A-G4-S	CNL-1A-G5-S	CNL-1A-G6-S	CNL-1A-G7-S	CNL-1A-G8-S	CNL-1A-G9-S	CNL-1A-G10-S	CNL-1B-S	CNL-1B-G1-S	CNL-1B-G2-S	CNL-1B-G3-S	CNL-1B-G4-S	CNL-1B-DUP-S	CNL-1C-G1-S
Sample Depth				3 ft	3 ft	3 ft	3 ft	3 ft	3 ft	3.5 ft	3 ft	4 ft	3 ft	3.5 ft		4.5 ft	5 ft	4 ft	4.5 ft	4.5 ft	4 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA
Laboratory Work Order				L2309563	L2309563	L2310137	L2310137	L2310137	L2313034	L2313034	L2313270	L2313270	L2313270	L2313270	L2307989	L2308289	L2308289	L2308289	L2307989	L2307989	L2309860
Laboratory Sample ID				L2309563-01	L2309563-02	L2310137-01	L2310137-03	L2310137-02	L2313034-01	L2313034-02	L2313270-01	L2313270-02	L2313270-03	L2313270-04	L2307989-01	L2308289-03	L2308289-01	L2308289-02	L2307989-02	L2307989-03	L2309860-01
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51				Field Duplicate													Field Duplicate	
Pyrene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	110 U	120 U	110 U	110 U	26 J	110 U	120 U	110 U	110 U	120 U	120 U	26 J	120 U	120 U	120 U	47 J	1,400 J	110 U
Tetrachlorobenzene, 1,2,4,5-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 U
Tetrachlorophenol, 2,3,4,6-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 U
Trichlorophenol, 2,4,5-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	100[E]	190 U	210 U	180 U	190 U	180 U	190 U	190 U	190 U	180 U	190 U	190 U	190 U	200 U	200 U	190 U	200 U	200 U	190 U
Trichlorophenol, 2,4,6-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	110 U	120 U	110 U	110 U	110 U	110 U	120 U	110 U	110 U	120 U	120 U	110 U	120 U	120 U	120 U	120 U	120 U	110 U
SVOC TICs																					
Total SVOC TICs	µg/kg	n/v	n/v	546 J	-	-	-	-	283 J	-	406 J	-	-	-	-	-	-	-	-	1,630 J	-

See notes on last page.

Table 22
Summary of Analytical Results for Confirmatory Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location				CNL-1A-G1	CNL-1A-G2	CNL-1A-G3		CNL-1A-G4	CNL-1A-G5	CNL-1A-G6	CNL-1A-G7	CNL-1A-G8	CNL-1A-G9	CNL-1A-G10	CNL-1B	CNL-1B-G1	CNL-1B-G2	CNL-1B-G3	CNL-1B-G4		CNL-1C-G1
Sample Date				22-Feb-23	22-Feb-23	24-Feb-23	24-Feb-23	24-Feb-23	13-Mar-23	13-Mar-23	14-Mar-23	14-Mar-23	14-Mar-23	14-Mar-23	14-Feb-23	15-Feb-23	15-Feb-23	15-Feb-23	15-Feb-23	14-Feb-23	14-Feb-23	23-Feb-23
Sample ID				CNL-1A-G1-S	CNL-1A-G2-S	CNL-1A-G3-S	CNL-1A-DUP-S	CNL-1A-G4-S	CNL-1A-G5-S	CNL-1A-G6-S	CNL-1A-G7-S	CNL-1A-G8-S	CNL-1A-G9-S	CNL-1A-G10-S	CNL-1B-S	CNL-1B-G1-S	CNL-1B-G2-S	CNL-1B-G3-S	CNL-1B-G4-S	CNL-1B-DUP-S	CNL-1C-G1-S
Sample Depth				3 ft	3 ft	3 ft	3 ft	3 ft	3 ft	3.5 ft	3 ft	4 ft	3 ft	3.5 ft		4.5 ft	5 ft	4 ft	4.5 ft	4.5 ft	4 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA
Laboratory Work Order				L2309563	L2309563	L2310137	L2310137	L2310137	L2313034	L2313034	L2313270	L2313270	L2313270	L2313270	L2307989	L2308289	L2308289	L2308289	L2307989	L2307989	L2309860
Laboratory Sample ID				L2309563-01	L2309563-02	L2310137-01	L2310137-03	L2310137-02	L2313034-01	L2313034-02	L2313270-01	L2313270-02	L2313270-03	L2313270-04	L2307989-01	L2308289-03	L2308289-01	L2308289-02	L2307989-02	L2307989-03	L2309860-01
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51				Field Duplicate													Field Duplicate	
Volatile Organic Compounds																					
Acetone	µg/kg	50[AC] 100,000[b][B]	n/v	9.4	9.0 J	10 U	5.6 J	10 U	4.8 J	9.6	10 U	4.5 J	8.4 U	10 U	9.6	5.1 J	7.7 J	6.4 J	8.4 J	8.6 J	6.9 U
Benzene	µg/kg	60[AC] 4,800[B]	n/v	2.2	1.8	1.8 J	3.0 J	0.51 U	0.46	1.2	0.52 U	0.45 U	0.42 U	0.52 U	0.48 U	0.48 U	0.52 U	0.46 U	0.44 U	0.46 U	0.35 U
Bromodichloromethane	µg/kg	100,000[a][A] 100,000[b][B] 1,000,000[d][C]	n/v	0.42 U	0.46 U	0.53 U	0.55 U	0.51 U	0.36 U	0.48 U	0.52 U	0.45 U	0.42 U	0.52 U	0.48 U	0.48 U	0.52 U	0.46 U	0.44 U	0.46 U	0.35 U
Bromoform (Tribromomethane)	µg/kg	100,000[a][A] 100,000[b][B] 1,000,000[d][C]	n/v	3.4 UJ	3.7 UJ	4.2 U	4.4 U	4.0 U	2.9 U	3.8 U	4.2 U	3.6 U	3.4 U	4.2 U	3.8 U	3.9 U	4.1 U	3.7 U	3.5 U	3.7 U	2.8 U
Bromomethane (Methyl bromide)	µg/kg	100,000[a][A] 100,000[b][B] 1,000,000[d][C]	n/v	1.7 U	1.8 U	2.1 U	2.2 U	2.0 U	1.4 U	1.9 U	2.1 U	1.8 U	1.7 U	2.1 U	1.9 U	1.9 U	2.1 U	1.8 U	1.8 U	1.8 U	1.4 U
Butylbenzene, n-	µg/kg	12,000[AC] 100,000[b][B]	n/v	1.6	1.1	0.40 J	0.71 J	1.0 U	0.13 J	0.44 J	1.0 U	0.91 U	0.84 U	1.0 U	0.96 U	0.96 U	1.0 U	0.93 U	0.89 U	0.92 U	0.69 UJ
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11,000[AC] 100,000[b][B]	n/v	0.74 J	0.47 J	1.0 U	0.23 J	1.0 U	0.14 J-	0.63 J-	1.0 U	0.91 U	0.84 U	1.0 U	0.96 U	0.96 U	1.0 U	0.93 U	0.89 U	0.92 U	0.69 U
Butylbenzene, tert-	µg/kg	5,900[AC] 100,000[b][B]	n/v	1.7 U	1.8 U	2.1 U	2.2 U	2.0 U	1.4 UJ	1.9 UJ	2.1 U	1.8 U	1.7 U	2.1 U	1.9 U	1.9 U	2.1 U	1.8 U	1.8 U	1.8 U	1.4 U
Carbon Disulfide	µg/kg	100,000[a][A] 100,000[b][B] 1,000,000[d][C]	2,700[E]	8.4 U	9.3 U	10 U	11 U	10 U	7.3 U	9.5 U	10 U	9.1 U	8.4 U	10 U	9.6 U	9.6 U	10 U	9.3 U	8.9 U	9.2 U	6.9 U
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760[AC] 2,400[B]	n/v	0.84 U	0.93 U	1.0 U	1.1 U	1.0 U	0.73 UJ	0.95 UJ	1.0 U	0.91 U	0.84 U	1.0 U	0.96 U	0.96 U	1.0 U	0.93 U	0.89 U	0.92 U	0.69 U
Chlorobenzene (Monochlorobenzene)	µg/kg	1,100[AC] 100,000[b][B]	n/v	0.42 U	0.46 U	0.53 U	0.55 U	0.51 U	0.36 U	0.48 U	0.52 U	0.45 U	0.42 U	0.52 U	0.48 U	0.48 U	0.52 U	0.46 U	0.44 U	0.46 U	0.35 U
Chloroethane (Ethyl Chloride)	µg/kg	100,000[a][A] 100,000[b][B] 1,000,000[d][C]	1,900[E]	1.7 U	1.8 U	2.1 U	2.2 U	2.0 U	1.4 U	1.9 U	2.1 U	1.8 U	1.7 U	2.1 U	1.9 U	1.9 U	2.1 U	1.8 U	1.8 U	1.8 U	1.4 U
Chloroform (Trichloromethane)	µg/kg	370[AC] 49,000[B]	n/v	1.3 U	1.4 U	1.6 U	1.7 U	1.5 U	1.1 U	1.4 U	1.6 U	1.4 U	1.2 U	1.6 U	1.4 U	1.4 U	1.5 U	1.4 U	1.3 U	1.4 U	1.0 U
Chloromethane	µg/kg	100,000[a][A] 100,000[b][B] 1,000,000[d][C]	n/v	3.4 U	3.7 U	4.2 U	4.4 U	4.0 U	2.9 U	3.8 U	4.2 U	3.6 U	3.4 U	4.2 U	3.8 U	3.9 U	4.1 U	3.7 U	3.5 U	3.7 U	2.8 U
Cyclohexane	µg/kg	100,000[a][A] 100,000[b][B] 1,000,000[d][C]	n/v	3.9 J	4.7 J	0.96 J	1.2 J	10 U	7.3 U	1.8 J	10 U	9.1 U	8.4 U	10 U	9.6 U	9.6 U	10 U	9.3 U	8.9 U	9.2 U	6.9 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	100,000[a][A] 100,000[b][B] 1,000,000[d][C]	n/v	2.5 U	2.8 U	3.2 U	3.3 U	3.0 U	2.2 U	2.9 U	3.1 U	2.7 U	2.5 U	3.1 U	2.9 U	2.9 U	3.1 U	2.8 U	2.6 U	2.7 U	2.1 U
Dibromochloromethane	µg/kg	100,000[a][A] 100,000[b][B] 1,000,000[d][C]	n/v	0.84 U	0.93 U	1.0 U	1.1 U	1.0 U	0.73 U	0.95 U	1.0 U	0.91 U	0.84 U	1.0 U	0.96 U	0.96 U	1.0 U	0.93 U	0.89 U	0.92 U	0.69 U
Dichlorobenzene, 1,2-	µg/kg	1,100[AC] 100,000[b][B]	n/v	1.7 U	1.8 U	2.1 U	2.2 U	2.0 U	1.4 U	1.9 U	2.1 U	1.8 U	1.7 U	2.1 U	1.9 U	1.9 U	2.1 U	1.8 U	1.8 U	1.8 U	1.4 U
Dichlorobenzene, 1,3-	µg/kg	2,400[AC] 49,000[B]	n/v	1.7 U	1.8 U	2.1 U	2.2 U	2.0 U	1.4 U	1.9 U	2.1 U	1.8 U	1.7 U	2.1 U	1.9 U	1.9 U	2.1 U	1.8 U	1.8 U	1.8 U	1.4 U
Dichlorobenzene, 1,4-	µg/kg	1,800[AC] 13,000[B]	n/v	1.7 U	1.8 U	2.1 U	2.2 U	2.0 U	1.4 U	1.9 U	2.1 U	1.8 U	1.7 U	2.1 U	1.9 U	1.9 U	2.1 U	1.8 U	1.8 U	1.8 U	1.4 U
Dichlorodifluoromethane (Freon 12)	µg/kg	100,000[a][A] 100,000[b][B] 1,000,000[d][C]	n/v	8.4 U	9.3 U	10 U	11 U	10 U	7.3 U	9.5 U	10 U	9.1 U	8.4 U	10 U	9.6 U	9.6 U	10 U	9.3 U	8.9 U	9.2 U	6.9 U
Dichloroethane, 1,1-	µg/kg	270[AC] 26,000[B]	n/v	0.84 U	0.93 U	1.0 U	1.1 U	1.0 U	0.73 U	0.95 U	1.0 U	0.91 U	0.84 U	1.0 U	0.96 U	0.96 U	1.0 U	0.93 U	0.89 U	0.92 U	0.69 U
Dichloroethane, 1,2-	µg/kg	20[m][A] 3,100[B] 20[d][C]	n/v	0.84 U	0.93 U	1.0 U	1.1 U	1.0 U	0.73 U	0.95 U	1.0 U	0.91 U	0.84 U	1.0 U	0.96 U	0.96 U	1.0 U	0.93 U	0.89 U	0.92 U	0.69 U
Dichloroethene, 1,1-	µg/kg	330[AC] 100,000[b][B]	n/v	0.84 U	0.93 U	1.0 U	1.1 U	1.0 U	0.73 U	0.95 U	1.0 U	0.91 U	0.84 U	1.0 U	0.96 U	0.96 U	1.0 U	0.93 U	0.89 U	0.92 U	0.69 U
Dichloroethene, cis-1,2-	µg/kg	250[AC] 100,000[b][B]	n/v	0.84 U	0.93 U	1.0 U	1.1 U	1.0 U	0.73 U	0.95 U	1.0 U	0.91 U	0.84 U	1.0 U	0.96 U	0.96 U	1.0 U	0.93 U	0.89 U	0.92 U	0.69 U
Dichloroethene, trans-1,2-	µg/kg	190[AC] 100,000[b][B]	n/v	1.3 U	1.4 U	1.6 U	1.7 U	1.5 U	1.1 U	1.4 U	1.6 U	1.4 U	1.2 U	1.6 U	1.4 U	1.4 U	1.5 U	1.4 U	1.3 U	1.4 U	1.0 U
Dichloropropane, 1,2-	µg/kg	100,000[a][A] 100,000[b][B] 1,000,000[d][C]	n/v	0.84 U	0.93 U	1.0 U	1.1 U	1.0 U	0.73 U	0.95 U	1.0 U	0.91 U	0.84 U	1.0 U	0.96 U	0.96 U	1.0 U	0.93 U	0.89 U	0.92 U	0.69 U
Dichloropropene, cis-1,3-	µg/kg	100,000[a][A] 100,000[b][B] 1,000,000[d][C]	n/v	0.42 U	0.46 U	0.53 U	0.55 U	0.51 U	0.36 U	0.48 U	0.52 U	0.45 U	0.42 U	0.52 U	0.48 U	0.48 U	0.52 U	0.46 U	0.44 U	0.46 U	0.35 U
Dichloropropene, trans-1,3-	µg/kg	100,000[a][A] 100,000[b][B] 1,000,000[d][C]	n/v	0.84 U	0.93 U	1.0 U	1.1 U	1.0 U	0.73 U	0.95 U	1.0 U	0.91 U	0.84 U	1.0 U	0.96 U	0.96 U	1.0 U	0.93 U	0.89 U	0.92 U	0.69 U
Ethylbenzene	µg/kg	1,000[AC] 41,000[B]	n/v	64	19	10 J	18 J	1.0 U	0.10 J	20	1.0 U	0.91 U	0.84 U	1.0 U	0.96 U	0.96 U	1.0 U	0.93 U	0.89 U	0.92 U	0.69 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	100,000[a][A] 100,000[b][B] 1,000,000[d][C]	n/v	0.84 U	0.93 U	1.0 U	1.1 U	1.0 U	0.73 U	0.95 U	1.0 U	0.91 U	0.84 U	1.0 U	0.96 U	0.96 U	1.0 U	0.93 U	0.89 U	0.92 U	0.69 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	100,000[a][A] 100,000[b][B] 1,000,000[d][C]	n/v	8.4 U	9.3 U	10 U	11 U	10 U	7.3 U	9.5 U	10 U	9.1 U	8.4 U	10 U	9.6 U	9.6 U	10 U	9.3 U	8.9 U	9.2 U	6.9 U
Isopropylbenzene	µg/kg	100,000[a][A] 100,000[b][B] 1,000,000[d][C]	2,300[E]	3.8	1.4	0.66 J	1.2	1.0 U	0.28 J	2.4	1.0 U	0.91 U	0.84 U	1.0 U	0.96 U	0.96 U	1.0 U	0.93 U	0.89 U	0.92 U	0.69 U
Isopropyltoluene, p- (Cymene)	µg/kg	100,000[a][A] 100,000[b][B] 1,000,000[d][C]	10,000[E]	0.52 J	0.36 J	0.12 J	0.19 J	1.0 U	0.73 U	0.30 J	1.0 U	0.91 U	0.84 U	1.0 U	0.96 U	0.96 U	1.0 U	0.93 U	0.89 U	0.92 U	0.69 U
Methyl Acetate	µg/kg	100,000[a][A] 100,000[b][B] 1,000,000[d][C]	n/v	5.7	3.7 U	4.2 U	4.4 U	4.0 U	2.9 U	3.8 U	4.2 U	3.6 U	3.4 U	4.2 U	3.8 U	3.9 U	4.1 U	3.7 U	3.5 U	3.7 U	2.8 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	120[AC] 100,000[b][B]	300[E]	3.1 J	9.3 U	10 U	11 U	10 U	7.3 U	9.5 U	10 U	9.1 U	8.4 U	10 U	9.6 U	9.6 U	10 U	9.3 U	8.9 U	9.2 U	6.9 U
Methyl Isobutyl Ketone (MIBK)	µg/kg	100,000[a][A] 100,000[b][B] 1,000,000[d][C]	1,000[E]	8.4 U	9.3 U	10 U	11 U	10 U	7.3 U	9.5 U	10 U	9.1 U	8.4 U	10 U	9.6 U	9.6 U	10 U	9.3 U	8.9 U	9.2 U	6.9 U
Methyl tert-butyl ether (MTBE)	µg/kg	930[AC] 100,000[b][B]	n/v	1.7 U	1.8 U	2.1 U	2.2 U	2.0 U	1.4 U	1.9 U	2.1 U	1.8 U	1.7 U	2.1 U	1.9 U	1.9 U	2.1 U	1.8 U	1.8 U	1.8 U	1.4 U
Methylcyclohexane	µg/kg	100,000[a][A] 100,000[b][B] 1,000,000[d][C]	n/v	3.3 J	4.5	0.81 J	1.1 J	4.0 U	2.9 U	1.4 J	4.2 U	3.6 U	3.4 U	4.2 U	3.8 U	3.9 U	4.1 U	3.7 U	3.5 U	3.7 U	2.8 U
Methylene Chloride (Dichloromethane)	µg/kg	50[AC] 100,000[b][B]	n/v	4.2 U	4.6 U	5.3 U	5.5 U	5.1 UJ	3.6 U	4.8 U	5.2 U	4.5 U	4.2 U	5.2 U	4.8 U	4.8 U	5.2 U	4.6 U	4.4 U	4.6 U	3.5 U
Naphthalene	µg/kg	12,000[AC] 100,000[b][B]	n/v	26 J-	12 J-	6.8	11	4.0 U	2.9 U	4.0	4.2 U	3.6 U	3.4 U	4.2 U	3.8 U	3.9 U	4.1 U	3.7 U	3.5 U	3.7 U	1.6 J
Propylbenzene, n-	µg/kg	3,900[AC] 100,000[b][B]	n/v	12	4.8	1.8	3.3	1.0 U	0.92	7.6	1.0 U	0.91 U	0.84 U	1.0 U	0.96 U	0.96 U	1.0 U	0.93 U	0.89 U	0.92 U	0.69 U
Styrene	µg/kg	100,000[a][A] 100,000[b][B] 1,000,000[d][C]	n/v	0.25 J	0.93 U	1.0 U	1.1 U	1.0 U	0.73 U	0.95 U	1.0 U	0.91 U	0.84 U	1.0 U	0.96 U	0.96 U	1.0 U	0.93 U	0.89 U	0.92 U	0.69 U
Tetrachloroethane, 1,1,2,2-	µg/kg	100,000[a][A] 100,000[b][B] 1,000,000[d][C]	600[E]	0.42 UJ	0.46 UJ	0.53 U	0.55 U	0.51 UJ	0.36 U	0.48 U	0.52 U	0.45 U	0.42 U	0.52 U	0.48 U	0.48 U	0.52 U	0.46 U	0.44 U	0.46 U	0.35 U
Tetrachloroethene (PCE)	µg/kg	1,300[AC] 19,000[B]	n/v	0.42 U	0.46 U	0.53 U	0.55 U	0.51 U	0.36 UJ	0.48 UJ	0.52 U	0.45 U	0.42 U	0.52 U	0.48 U	0.48 U	0.52 U	0.46 U	0.44 U	0.46 U	0.35 U
Toluene	µg/kg	700[AC] 100,000[b][B]	n/v	6.3	1.3	1.3	2.3	1.0 U	0.73 U	1.8	1.0 U	0.91 U	0.84 U	1.0 U	0.96 U	0.96 U	1.0 U	0.93 U	0.89 U	0.92 U	0.69 U
Trichlorobenzene, 1,2,4-	µg/kg	100,000[a][A] 100,000[b][B] 1,000,000[d][C]	3,400[E]	1.7 U	1.8 U	2.1 U	2.2 U	2.0 U	1.4 U	1.9 U	2.1 U	1.8 U	1.7 U	2.1 U	1.9 U	1.9 U	2.1 U	1.8 U	1.8 U	1.8 U	1.4 UJ
Trichloroethane, 1,1,1-	µg/kg	680[AC] 100,000[b][B]	n/v	0.42 U	0.46 U	0.53 U	0.55 U	0.51 U	0.36 U	0.48 U	0.52 U	0.45 U	0.42 U	0.52 U	0.48 U	0.48 U	0.52 U	0.46 U	0.44 U	0.46 U	0.35 U
Trichloroethane, 1,1,2-	µg/kg	100,000[a][A] 100,000[b][B] 1,000,000[d][C]	n/v	0.84 U	0.93 U	1.0 U	1.1 U	1.0 U	0.73 U	0.95 U	1.0 U	0.91 U	0.84 U	1.0 U	0.96 U	0.96 U	1.0 U	0.93 U	0.89 U	0.92 U	0.69 U
Trichloroethene (TCE)	µg/kg	470[AC] 21,000[B]	n/v	0.42 U	0.46 U	0.53 U	0.55 U	0.51 U	0.36 U	0.48 U	0.52 U	0.45 U	0.42 U	0.52 U	0.48 U	0.48 U	0.52 U	0.46 U	0.44 U	0.46 U	0.35 U
Trichlorofluoromethane (Freon 11)	µg/kg	100,000[a][A] 100,000[b][B] 1,000,000[d][C]	n/v	3.4 U	3.7 U	4.2 U	4.4 U	4.0 U	2.9 U	3.8 U	4.2 U	3.6 U	3.4 U	4.2 U	3.8 U	3.9 U	4.1 U	3.7 U	3.5 U	3.7 U	2.8 U
Trichlorotrifluoroethane (Freon 113)	µg/kg	100,000[a][A] 100,000[b][B] 1,000,000[d][C]	6,000[E]	3.4 U	3.7 U	4.2 U	4.4 U	4.0 U	2.9 U	3.8 U	4.2 U	3.6 U	3.4 U	4.2 U	3.8 U	3.9 U	4.1 U	3.7 U	3.5 U	3.7 U	2.8 U
Trimethylbenzene, 1,2,4-	µg/kg	3,600[AC] 52,000[B]	n/v	18	40	16 J	29 J	2.0 U	1.4 U	5.4	2.1 U	1.8 U	1.7 U	2.1 U	1.9 U	1.9 U	2.1 U	1.8 U	1.8 U	1.8 U	1.4 U
Trimethylbenzene, 1,3,5-	µg/kg	8,400[AC] 52,000[B]	n/v	21	1.3 J	2.8	5.1	2.0 U	1.4 U	2.1	2.1 U	1.8 U	1.7 U	2.1 U	1.9 U	1.9 U	2.1 U	1.8 U	1.8 U	1.8 U	1.4 U
Vinyl Chloride	µg/kg	20[AC] 900[B]	n/v	0.84 UJ	0.93 UJ	1.0 UJ	1.1 UJ	1.0 UJ	0.73 U	0.95 U	1.0 U	0.91 U	0.84 U	1.0 U	0.96 U	0.96 U	1.0 U	0.93 U	0.89 U	0.92 U	0.69 U
Xylene, m & p-	µg/kg	260[p][A] 100,000[b,p][B] 1,600[p][C]	n/v	77	42	33 J	60 J	2.0 U	1.4 U	11	2.1 U	1.8 U	1.7 U	2.1 U	1.9 U	1.9 U	2.1 U	1.8 U	1.8 U	1.8 U	1.4 U
Xylene, o-	µg/kg	260[p][A] 100,000[b,p][B] 1,600[p][C]	n/v	9.1	0.83 J	9.8 J	17 J	1.0 U	0.73 U	4.7	1.0 U	0.91 U	0.84 U	1.0 U	0.96 U	0.96 U	1.0 U	0.93 U	0.89 U	0.92 U	0.69 U
VOC TICs																					
Total VOC TICs	µg/kg	n/v	n/v	189 J	170 J	38.6 J	49.4 J	4.24 J	1.97 J	52.7 J	7.39 J	5.95 J	4.78 J	14.0 J	-	-	-	-	-	-	17.7 J

See notes on last page.

Table 22
Summary of Analytical Results for Confirmatory Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location				CNL-1C-G2		CNL-1C-G3	CNL-1C-G4	CNL-2-G1	CNL-3A-G1	CNL-3A-G2	CNL-3A-G3	CNL-3A-G4		CNL-3A-G5	CNL-3A-G6	CNL-3A-G7	CNL-3A-G8	CNL-4-G1	CNL-4-G2
Sample Date				23-Feb-23	23-Feb-23	23-Feb-23	23-Feb-23	13-Apr-23	8-Feb-23	10-Apr-23	10-Apr-23	10-Apr-23	10-Apr-23	10-Apr-23	25-Apr-23	25-Apr-23	25-Apr-23	7-Jun-23	7-Jun-23
Sample ID				CNL-1C-G2-S	CNL-1C-DUP-S	CNL-1C-G3-S	CNL-1C-G4-S	CNL-2-G1-S	CNL-3A-G1-S	CNL-3A-G2-S	CNL-3A-G3-S	CNL-3A-G4-S	CNL-3A-DUP-S	CNL-3A-G5-S	CNL-3A-G6-S	CNL-3A-G7-S	CNL-3A-G8-S	CNL-4-G1-S	CNL-4-G2-S
Sample Depth				4 ft	4 ft	4 ft	4 ft	10 ft	11 ft	10.5 ft	9 ft	8 ft	8 ft	9 ft	6 ft	6.5 ft	7 ft		
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA
Laboratory Work Order				L2309860	L2309860	L2309860	L2309860	L2319808	L2306876	L2318928	L2318928	L2318928	L2318928	L2318928	L2322304	L2322304	L2322304	L2331926	L2331926
Laboratory Sample ID				L2309860-02	L2309860-05	L2309860-03	L2309860-04	L2319808-01	L2306876-01	L2318928-01	L2318928-02	L2318928-03	L2318928-05	L2318928-04	L2322304-01	L2322304-02	L2322304-03	L2331926-01	L2331926-02
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51		Field Duplicate								Field Duplicate						
General Chemistry																			
Total Solids	%	n/v	n/v	80.8	86.2	81.6	87.4	84.1	87.3	83.4	85.0	81.1	82.8	81.9	88.3	85.4	85.5	85.5	85.6
Semi-Volatile Organic Compounds																			
Acenaphthene	µg/kg	20,000[A] 100,000[B] 98,000[C]	n/v	160 U	150 U	160 U	150 U	160 U	150 U	160 U	93 J	160 U	160 U	95 J	150 U	150 U	150 U	150 U	150 U
Acenaphthylene	µg/kg	100,000[A] 100,000[B] 107,000[C]	n/v	160 U	150 U	160 U	150 U	160 U	150 U	160 U	150 U	160 U	160 U	160 U	150 U	150 U	150 U	150 U	150 U
Acetophenone	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Anthracene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	120 U	110 U	120 U	110 U	120 U	110 U	120 U	120 U	120 U	120 U	43 J	110 U	110 U	110 U	110 U	120 U
Atrazine	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	160 U	150 U	160 U	150 U	160 U	150 U	160 U	150 U	160 U	160 U	160 U	150 U	150 U	150 U	150 U	150 U
Benzaldehyde	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	270 U	250 U	270 U	250 U	260 U	240 U	260 U	250 U	270 U	260 U	260 U	250 U	250 U	250 U	250 U	250 U
Benzo(a)anthracene	µg/kg	1,000[h][A] 1,000[a][BC]	n/v	23 J	110 U	120 U	110 U	22 J	110 U	120 U	120 U	120 U	120 U	120 U	110 U	110 U	110 U	110 U	120 U
Benzo(a)pyrene	µg/kg	1,000[h][A] 1,000[a][B] 22,000[C]	n/v	160 U	150 U	160 U	150 U	160 U	150 U	160 U	150 U	160 U	160 U	160 U	150 U	150 U	150 U	150 U	150 U
Benzo(b)fluoranthene	µg/kg	1,000[h][A] 1,000[j][B] 1,700[C]	n/v	37 J	33 J	120 U	110 U	120 U	110 U	120 U	120 U	120 U	120 U	120 U	110 U	110 U	110 U	110 U	120 U
Benzo(g,h,i)perylene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	160 U	150 U	160 U	150 U	160 U	150 U	160 U	150 U	160 U	160 U	160 U	150 U	150 U	150 U	150 U	150 U
Benzo(k)fluoranthene	µg/kg	800[h][A] 3,900[B] 1,700[C]	n/v	120 U	110 U	120 U	110 U	120 U	110 U	120 U	120 U	120 U	120 U	120 U	110 U	110 U	110 U	110 U	120 U
Biphenyl	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	460 U	430 U	460 U	430 U	450 U	420 U	450 U	440 U	460 U	460 U	460 U	430 U	430 U	440 U	430 U	440 U
Bis(2-Chloroethoxy)methane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	220 U	200 U	220 U	200 U	210 U	200 U	210 U	210 U	220 U	220 U	220 U	200 U	200 U	210 U	200 U	210 U
Bis(2-Chloroethyl)ether	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	180 U	170 U	180 U	170 U	180 U	170 U	180 U	170 U	180 U	180 U	180 U	170 U	170 U	170 U	170 U	170 U
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	240 U	230 U	240 U	230 U	240 U	220 U	240 U	230 U	240 U	240 U	240 U	220 U	230 U	230 U	230 U	230 U
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	435,000[E]	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Bromophenyl Phenyl Ether, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Butyl Benzyl Phthalate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	122,000[E]	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Caprolactam	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Carbazole	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Chloro-3-methyl phenol, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Chloroaniline, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	220[E]	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 UJ	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Chloronaphthalene, 2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Chlorophenyl Phenyl Ether, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Chrysene	µg/kg	1,000[h][A] 3,900[B] 1,000[g][C]	n/v	120 U	110 U	120 U	110 U	120 U	110 U	120 U	120 U	120 U	120 U	26 J	110 U	110 U	110 U	110 U	120 U
Cresol, m & p- (Methylphenol, 3&4-)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	290 U	270 U	290 U	270 U	280 U	270 U	290 U	280 U	290 U	290 U	290 U	270 U	270 U	280 U	270 U	280 U
Cresol, o- (Methylphenol, 2-)	µg/kg	330[m][A] 100,000[B] 330[C]	n/v	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Dibenzo(a,h)anthracene	µg/kg	330[m][A] 330[f][B] 1,000,000[C]	n/v	120 U	110 U	120 U	110 U	120 U	110 U	120 U	120 U	120 U	120 U	120 U	110 U	110 U	110 U	110 U	120 U
Dibenzofuran	µg/kg	7,000[A] 59,000[B] 210,000[C]	6,200[E]	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Dibutyl Phthalate (DBP)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	8,100[E]	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	160 J	190 U	190 U	190 U	190 U	190 U
Dichlorobenzidine, 3,3'-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Dichlorophenol, 2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	400[E]	180 U	170 U	180 U	170 U	180 U	170 U	180 U	170 U	180 U	180 U	180 U	170 U	170 U	170 U	170 U	170 U
Diethyl Phthalate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	7,100[E]	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Dimethyl Phthalate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	27,000[E]	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Dimethylphenol, 2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	200 U	190 U	200 U	190 U	200 U	190 UJ	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Dinitro-o-cresol, 4,6-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	530 U	490 U	530 U	490 U	510 U	480 U	520 U	500 U	530 U	520 U	520 U	490 U	490 U	500 U	500 U	500 U
Dinitrophenol, 2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	200[E]	970 U	910 U	970 U	910 U	950 U	890 U	950 U	920 U	980 U	960 U	970 U	900 U	910 U	920 U	910 U	920 U
Dinitrotoluene, 2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Dinitrotoluene, 2,6-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	1,000/170[h,s11][E]	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Di-n-Octyl phthalate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	120,000[E]	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Fluoranthene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	35 J	110 U	120 U	110 U	42 J	110 U	120 U	120 U	120 U	120 U	46 J	110 U	110 U	110 U	110 U	120 U
Fluorene	µg/kg	30,000[A] 100,000[B] 386,000[C]	n/v	200 U	190 U	200 U	190 U	200 U	190 U	200 U	130 J	200 U	200 U	140 J	190 U	190 U	190 U	190 U	190 U
Hexachlorobenzene	µg/kg	330[m][A] 1,200[B] 3,200[C]	1,400[E]	120 U	110 U	120 U	110 U	120 U	110 U	120 U	120 U	120 U	120 U	120 U	110 U	110 U	110 U	110 U	120 U
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Hexachlorocyclopentadiene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	580 U	540 U	580 U	540 U	560 U	530 U	570 U	550 U	580 U	580 U	580 U	540 U	540 U	550 U	540 U	550 U
Hexachloroethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	160 U	150 U	160 U	150 U	160 U	150 U	160 U	150 U	160 U	160 U	160 U	150 U	150 U	150 U	150 U	150 U
Indeno(1,2,3-cd)pyrene	µg/kg	500[h][A] 500[g][B] 8,200[C]	n/v	160 U	150 U	160 U	150 U	160 U	150 U	160 U	150 U	160 U	160 U	160 U	150 U	150 U	150 U	150 U	150 U
Isophorone	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	4,400[E]	180 U	170 U	180 U	170 U	180 U	170 U	180 U	170 U	180 U	180 U	180 U	170 U	170 U	170 U	170 U	170 U
Methylnaphthalene, 2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	36,400[E]	240 U	230 U	240 U	230 U	240 U	220 U	240 U	3,400	240 U	240 U	26,000	220 U	230 U	230 U	230 U	230 U
Naphthalene	µg/kg	12,000[AC] 100,000[B]	n/v	200 U	190 U	200 U	190 U	200 U	190 U	200 U	2,300	200 U	200 U	**20,000[AC]**	190 U	190 U	190 U	190 U	190 U
Nitroaniline, 2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	400[E]	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Nitroaniline, 3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	500[E]	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Nitroaniline, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Nitrobenzene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	15,000[D] 170[b][E]	180 U	170 U	180 U	170 U	180 U	170 U	180 U	170 U	180 U	180 U	180 U	170 U	170 U	170 U	170 U	170 U
Nitrophenol, 2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	300[E]	440 U	410 U	440 U	410 U	430 U	400 U	430 U	420 U	440 U	430 U	430 U	400 U	410 U	410 U	410 U	420 U
Nitrophenol, 4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	100[E]	280 U	260 U	280 U	260 U	280 U	260 U	280 U	270 U	280 U	280 U	280 U	260 U	260 U	270 U	270 U	270 U
N-Nitrosodi-n-Propylamine	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
n-Nitrosodiphenylamine	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	160 U	150 U	160 U	150 U	160 U	150 U	160 U	150 U	160 U	160 U	160 U	150 U	150 U	150 U	150 U	150 U
Pentachlorophenol	µg/kg	800[m][A] 6,700[B] 800[f][C]	n/v	160 U	150 U	160 U	150 U	160 U	150 U	160 U	150 U	160 U	160 U	160 U	150 U	150 U	150 U	150 U	150 U
Phenanthrene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	120 U	110 U	120 U	110 U	39 J	110 U	120 U	260	120 U	120 U	300	110 U	110 U	110 U	110 U	120 U
Phenol	µg/kg	330[m][A] 100,000[B] 330[C]	n/v	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U

Table 22
Summary of Analytical Results for Confirmatory Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location				CNL-1C-G2		CNL-1C-G3	CNL-1C-G4	CNL-2-G1	CNL-3A-G1	CNL-3A-G2	CNL-3A-G3	CNL-3A-G4		CNL-3A-G5	CNL-3A-G6	CNL-3A-G7	CNL-3A-G8	CNL-4-G1	CNL-4-G2
Sample Date				23-Feb-23	23-Feb-23	23-Feb-23	23-Feb-23	13-Apr-23	8-Feb-23	10-Apr-23	10-Apr-23	10-Apr-23	10-Apr-23	10-Apr-23	25-Apr-23	25-Apr-23	25-Apr-23	7-Jun-23	7-Jun-23
Sample ID				CNL-1C-G2-S	CNL-1C-DUP-S	CNL-1C-G3-S	CNL-1C-G4-S	CNL-2-G1-S	CNL-3A-G1-S	CNL-3A-G2-S	CNL-3A-G3-S	CNL-3A-G4-S	CNL-3A-DUP-S	CNL-3A-G5-S	CNL-3A-G6-S	CNL-3A-G7-S	CNL-3A-G8-S	CNL-4-G1-S	CNL-4-G2-S
Sample Depth				4 ft	4 ft	4 ft	4 ft	10 ft	11 ft	10.5 ft	9 ft	8 ft	8 ft	9 ft	6 ft	6.5 ft	7 ft		
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA
Laboratory Work Order				L2309860	L2309860	L2309860	L2309860	L2319808	L2306876	L2318928	L2318928	L2318928	L2318928	L2318928	L2322304	L2322304	L2322304	L2331926	L2331926
Laboratory Sample ID				L2309860-02	L2309860-05	L2309860-03	L2309860-04	L2319808-01	L2306876-01	L2318928-01	L2318928-02	L2318928-03	L2318928-05	L2318928-04	L2322304-01	L2322304-02	L2322304-03	L2331926-01	L2331926-02
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51		Field Duplicate								Field Duplicate						
Pyrene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	29 J	110 U	120 U	110 U	33 J	110 U	120 U	33 J	120 U	120 U	69 J	110 U	110 U	110 U	110 U	120 U
Tetrachlorobenzene, 1,2,4,5-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Tetrachlorophenol, 2,3,4,6-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Trichlorophenol, 2,4,5-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	100[E]	200 U	190 U	200 U	190 U	200 U	190 U	200 U	190 U	200 U	200 U	200 U	190 U	190 U	190 U	190 U	190 U
Trichlorophenol, 2,4,6-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	120 U	110 U	120 U	110 U	120 U	110 U	120 U	120 U	120 U	120 U	120 U	110 U	110 U	110 U	110 U	120 U
SVOC TICs																			
Total SVOC TICs	µg/kg	n/v	n/v	-	-	220 J	-	230 J	-	-	53,900 J	-	-	166,000 J	539 J	-	-	-	-

See notes on last page.

Table 22
Summary of Analytical Results for Confirmatory Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location				CNL-1C-G2		CNL-1C-G3	CNL-1C-G4	CNL-2-G1	CNL-3A-G1	CNL-3A-G2	CNL-3A-G3	CNL-3A-G4		CNL-3A-G5	CNL-3A-G6	CNL-3A-G7	CNL-3A-G8	CNL-4-G1	CNL-4-G2
Sample Date				23-Feb-23	23-Feb-23	23-Feb-23	23-Feb-23	13-Apr-23	8-Feb-23	10-Apr-23	10-Apr-23	10-Apr-23	10-Apr-23	10-Apr-23	25-Apr-23	25-Apr-23	25-Apr-23	7-Jun-23	7-Jun-23
Sample ID				CNL-1C-G2-S	CNL-1C-DUP-S	CNL-1C-G3-S	CNL-1C-G4-S	CNL-2-G1-S	CNL-3A-G1-S	CNL-3A-G2-S	CNL-3A-G3-S	CNL-3A-G4-S	CNL-3A-DUP-S	CNL-3A-G5-S	CNL-3A-G6-S	CNL-3A-G7-S	CNL-3A-G8-S	CNL-4-G1-S	CNL-4-G2-S
Sample Depth				4 ft	4 ft	4 ft	4 ft	10 ft	11 ft	10.5 ft	9 ft	8 ft	8 ft	9 ft	6 ft	6.5 ft	7 ft		
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA
Laboratory Work Order				L2309860	L2309860	L2309860	L2309860	L2319808	L2306876	L2318928	L2318928	L2318928	L2318928	L2318928	L2322304	L2322304	L2322304	L2331926	L2331926
Laboratory Sample ID				L2309860-02	L2309860-05	L2309860-03	L2309860-04	L2319808-01	L2306876-01	L2318928-01	L2318928-02	L2318928-03	L2318928-05	L2318928-04	L2322304-01	L2322304-02	L2322304-03	L2331926-01	L2331926-02
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51		Field Duplicate								Field Duplicate						
Volatile Organic Compounds																			
Acetone	µg/kg	50[AC] 100,000[B]	n/v	6.4 J+	7.1 U	8.3 U	11 J+	10 U	12	9.7 U	580 U	9.0 U	8.3 U	6,400 U	10 U	11 U	9.2 U	4.1 J	12
Benzene	µg/kg	60[AC] 4,800[B]	n/v	0.55 U	0.36 U	0.42 U	4.8	0.51 U	0.46 J	0.48 U	29 U	0.45 U	0.41 U	**180 J[AC]**	0.52 U	0.54 U	0.46 U	0.45	0.38 U
Bromodichloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	0.55 U	0.36 U	0.42 U	0.36 U	0.51 U	0.52 U	0.48 U	29 U	0.45 U	0.41 U	320 U	0.52 U	0.54 U	0.46 U	0.42 U	0.38 U
Bromoform (Tribromomethane)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	4.4 U	2.8 U	3.3 U	2.9 U	4.0 U	4.2 U	3.9 U	230 U	3.6 U	3.3 U	2,600 U	4.1 U	4.3 U	3.7 U	3.3 U	3.0 U
Bromomethane (Methyl bromide)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	2.2 U	1.4 U	1.7 U	1.4 U	2.0 U	2.1 U	1.9 U	120 U	1.8 U	1.6 U	1,300 U	2.1 U	2.2 U	1.8 U	1.7 U	1.5 U
Butylbenzene, n-	µg/kg	12,000[AC] 100,000[B]	n/v	1.1 U	0.71 U	0.83 U	0.92	1.0 U	0.87 J	0.97 U	560	0.70 J	0.42 J	**19,000[AC]**	1.0 U	1.1 U	0.92 U	0.16 J	0.76 U
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11,000[AC] 100,000[B]	n/v	1.1 U	0.71 U	0.83 U	0.80	1.0 U	0.73 J	0.97 U	270	0.33 J	0.22 J	6,200	1.0 U	1.1 U	0.92 U	0.77 J	0.76 U
Butylbenzene, tert-	µg/kg	5,900[AC] 100,000[B]	n/v	2.2 U	1.4 U	1.7 U	1.4 U	2.0 U	0.16 J	1.9 U	11 J	1.8 U	1.6 U	320 J	2.1 U	2.2 U	1.8 U	1.7 U	1.5 U
Carbon Disulfide	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	2,700[E]	11 U	7.1 U	8.3 U	7.3 U	10 U	10 U	9.7 U	580 U	9.0 U	8.3 U	6,400 U	10 U	11 U	9.2 U	8.4 U	7.6 U
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760[AC] 2,400[B]	n/v	1.1 U	0.71 U	0.83 U	0.73 U	1.0 U	1.0 U	0.97 U	58 U	0.90 U	0.83 U	640 U	1.0 U	1.1 U	0.92 U	0.84 UJ	0.76 UJ
Chlorobenzene (Monochlorobenzene)	µg/kg	1,100[AC] 100,000[B]	n/v	0.55 U	0.36 U	0.42 U	0.36 U	0.51 U	0.52 U	0.48 U	29 U	0.45 U	0.41 U	320 U	0.52 U	0.54 U	0.46 U	0.42 U	0.38 U
Chloroethane (Ethyl Chloride)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	1,900[E]	2.2 U	1.4 U	1.7 U	1.4 U	2.0 U	2.1 U	1.9 U	120 U	1.8 U	1.6 U	1,300 U	2.1 U	2.2 U	1.8 U	1.7 U	1.5 U
Chloroform (Trichloromethane)	µg/kg	370[AC] 49,000[B]	n/v	1.6 U	1.1 U	1.2 U	1.1 U	1.5 U	1.6 U	1.4 U	86 U	1.4 U	1.2 U	970 U	1.5 U	1.6 U	1.4 U	1.2 U	1.1 U
Chloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	4.4 U	2.8 U	3.3 U	2.9 U	4.0 U	4.2 U	3.9 U	230 U	3.6 U	3.3 U	2,600 U	4.1 U	4.3 U	3.7 U	3.3 U	3.0 U
Cyclohexane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	11 U	7.1 U	8.3 U	6.3 J	10 U	4.9 J	9.7 U	520 J	9.0 U	8.3 U	70,000	10 U	11 U	9.2 U	8.4 U	7.6 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	3.3 U	2.1 U	2.5 U	2.2 U	3.0 U	3.1 U	2.9 U	170 U	2.7 U	2.5 U	1,900 U	3.1 U	3.2 U	2.8 U	2.5 U	2.3 U
Dibromochloromethane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1.1 U	0.71 U	0.83 U	0.73 U	1.0 U	1.0 U	0.97 U	58 U	0.90 U	0.83 U	640 U	1.0 U	1.1 U	0.92 U	0.84 U	0.76 U
Dichlorobenzene, 1,2-	µg/kg	1,100[AC] 100,000[B]	n/v	2.2 U	1.4 U	1.7 U	1.4 U	2.0 U	2.1 U	1.9 U	120 U	1.8 U	1.6 U	1,300 U	2.1 U	2.2 U	1.8 U	1.7 U	1.5 U
Dichlorobenzene, 1,3-	µg/kg	2,400[AC] 49,000[B]	n/v	2.2 U	1.4 U	1.7 U	1.4 U	2.0 U	2.1 U	1.9 U	120 U	1.8 U	1.6 U	1,300 U	2.1 U	2.2 U	1.8 U	1.7 U	1.5 U
Dichlorobenzene, 1,4-	µg/kg	1,800[AC] 13,000[B]	n/v	2.2 U	1.4 U	1.7 U	1.4 U	2.0 U	2.1 U	1.9 U	120 U	1.8 U	1.6 U	1,300 U	2.1 U	2.2 U	1.8 U	1.7 U	1.5 U
Dichlorodifluoromethane (Freon 12)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	11 U	7.1 U	8.3 U	7.3 U	10 U	10 U	9.7 U	580 U	9.0 U	8.3 U	6,400 U	10 U	11 U	9.2 U	8.4 U	7.6 U
Dichloroethane, 1,1-	µg/kg	270[AC] 26,000[B]	n/v	1.1 U	0.71 U	0.83 U	0.73 U	1.0 U	1.0 U	0.97 U	58 U	0.90 U	0.83 U	640 U	1.0 U	1.1 U	0.92 U	0.84 U	0.76 U
Dichloroethane, 1,2-	µg/kg	20[m][A] 3,100[B] 20[q][C]	n/v	1.1 U	0.71 U	0.83 U	0.73 U	1.0 U	1.0 U	0.97 U	58 U	0.90 U	0.83 U	640 U	1.0 U	1.1 U	0.92 U	0.84 U	0.76 U
Dichloroethene, 1,1-	µg/kg	330[AC] 100,000[B]	n/v	1.1 U	0.71 U	0.83 U	0.73 U	1.0 U	1.0 U	0.97 U	58 U	0.90 U	0.83 U	640 U	1.0 U	1.1 U	0.92 U	0.84 U	0.76 U
Dichloroethene, cis-1,2-	µg/kg	250[AC] 100,000[B]	n/v	1.1 U	0.71 U	0.83 U	0.73 U	1.0 U	1.0 U	0.97 U	58 U	0.90 U	0.83 U	640 U	1.0 U	1.1 U	0.92 U	0.84 U	0.76 U
Dichloroethene, trans-1,2-	µg/kg	190[AC] 100,000[B]	n/v	1.6 U	1.1 U	1.2 U	1.1 U	1.5 U	1.6 U	1.4 U	86 U	1.4 U	1.2 U	970 U	1.5 U	1.6 U	1.4 U	1.2 U	1.1 U
Dichloropropane, 1,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1.1 U	0.71 U	0.83 U	0.73 U	1.0 U	1.0 U	0.97 U	58 U	0.90 U	0.83 U	640 U	1.0 U	1.1 U	0.92 U	0.84 U	0.76 U
Dichloropropene, cis-1,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	0.55 U	0.36 U	0.42 U	0.36 U	0.51 U	0.52 U	0.48 U	29 U	0.45 U	0.41 U	320 U	0.52 U	0.54 U	0.46 U	0.42 U	0.38 U
Dichloropropene, trans-1,3-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1.1 U	0.71 U	0.83 U	0.73 U	1.0 U	1.0 U	0.97 U	58 U	0.90 U	0.83 U	640 U	1.0 U	1.1 U	0.92 U	0.84 U	0.76 U
Ethylbenzene	µg/kg	1,000[AC] 41,000[B]	n/v	1.1 U	0.71 U	0.83 U	72	1.0 U	38	0.97 U	**1,300[AC]**	0.81 J	0.24 J	**130,000[ABC]**	1.0 U	1.1 U	0.92 U	1.4	0.76 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1.1 U	0.71 U	0.83 U	0.73 U	1.0 U	1.0 U	0.97 U	58 U	0.90 U	0.83 U	640 U	1.0 U	1.1 U	0.92 U	0.84 U	0.76 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	11 U	7.1 U	8.3 U	7.3 U	10 U	10 U	9.7 U	580 U	9.0 U	8.3 U	6,400 U	10 U	11 U	9.2 U	8.4 U	7.6 U
Isopropylbenzene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	2,300[E]	1.1 U	0.71 U	0.83 U	3.7	1.0 U	3.2	0.97 U	480	0.35 J	0.18 J	**14,000[E]**	1.0 U	1.1 U	0.92 U	0.56 J	0.76 U
Isopropyltoluene, p- (Cymene)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	10,000[E]	1.1 U	0.71 U	0.83 U	0.36 J	1.0 U	0.41 J	0.97 U	170	0.19 J	0.14 J	3,400	1.0 U	1.1 U	0.92 U	0.12 J	0.76 U
Methyl Acetate	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	4.4 U	2.8 U	3.3 U	2.9 U	4.0 U	4.2 U	3.9 U	230 U	3.6 U	3.3 U	2,600 U	4.1 U	4.3 U	3.7 U	3.3 U	3.0 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	120[AC] 100,000[B]	300[E]	11 U	7.1 U	8.3 U	7.3 U	10 U	10 U	9.7 U	580 U	9.0 U	8.3 U	6,400 U	10 U	11 U	9.2 U	8.4 U	2.8 J
Methyl Isobutyl Ketone (MIBK)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	1,000[E]	11 U	7.1 U	8.3 U	7.3 U	10 U	10 U	9.7 U	580 U	9.0 U	8.3 U	6,400 U	10 U	11 U	9.2 U	8.4 U	7.6 U
Methyl tert-butyl ether (MTBE)	µg/kg	930[AC] 100,000[B]	n/v	2.2 U	1.4 U	1.7 U	1.4 U	2.0 U	2.1 U	1.9 U	120 U	1.8 U	1.6 U	1,300 U	2.1 U	2.2 U	1.8 U	1.7 U	1.5 U
Methylcyclohexane	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	4.4 U	2.8 U	3.3 U	3.9	4.0 U	4.6	3.9 U	2,600	2.2 J	1.7 J	66,000	4.1 U	4.3 U	3.7 U	3.3 U	3.0 U
Methylene Chloride (Dichloromethane)	µg/kg	50[AC] 100,000[B]	n/v	5.5 U	3.6 U	4.2 U	3.6 U	5.1 U	5.2 U	4.8 U	290 U	4.5 U	4.1 U	3,200 U	5.2 U	5.4 U	4.6 U	4.2 U	3.8 U
Naphthalene	µg/kg	12,000[AC] 100,000[B]	n/v	4.4 U	2.8 U	3.3 U	14	4.0 U	17	3.9 U	1,700	3.6 U	2.0 J	**69,000[AC]**	4.1 U	4.3 U	3.7 U	3.3 U	3.0 U
Propylbenzene, n-	µg/kg	3,900[AC] 100,000[B]	n/v	1.1 U	0.71 U	0.83 U	12	1.0 U	6.7	0.97 U	1,900	1.3	0.72 J	**54,000[AC]**	1.0 U	1.1 U	0.92 U	1.2	0.76 U
Styrene	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1.1 U	0.71 U	0.83 U	0.73 U	1.0 U	0.29 J	0.97 U	58 U	0.90 U	0.83 U	200 J	1.0 U	1.1 U	0.92 U	0.84 U	0.76 U
Tetrachloroethane, 1,1,2,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	600[E]	0.55 U	0.36 U	0.42 U	0.36 U	0.51 U	0.52 U	0.48 U	29 U	0.45 U	0.41 U	320 U	0.52 U	0.54 U	0.46 U	0.42 U	0.38 U
Tetrachloroethene (PCE)	µg/kg	1,300[AC] 19,000[B]	n/v	0.55 U	0.36 U	0.42 U	0.36 U	0.51 U	0.52 U	0.48 U	29 U	0.45 U	0.41 U	320 U	0.52 U	0.54 U	0.46 U	0.42 U	0.38 U
Toluene	µg/kg	700[AC] 100,000[B]	n/v	1.1 U	0.71 U	0.83 U	7.6	1.0 U	3.6	0.97 U	58 U	0.90 U	0.83 U	**12,000[AC]**	1.0 U	1.1 U	0.92 U	0.84 U	0.76 U
Trichlorobenzene, 1,2,4-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	3,400[E]	2.2 U	1.4 U	1.7 U	1.4 U	2.0 U	2.1 U	1.9 U	120 U	1.8 U	1.6 U	1,300 U	2.1 U	2.2 U	1.8 U	1.7 U	1.5 U
Trichloroethane, 1,1,1-	µg/kg	680[AC] 100,000[B]	n/v	0.55 U	0.36 U	0.42 U	0.36 U	0.51 U	0.52 U	0.48 U	29 U	0.45 U	0.41 U	320 U	0.52 U	0.54 U	0.46 U	0.42 U	0.38 U
Trichloroethane, 1,1,2-	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	1.1 U	0.71 U	0.83 U	0.73 U	1.0 U	1.0 U	0.97 U	58 U	0.90 U	0.83 U	640 U	1.0 U	1.1 U	0.92 U	0.84 U	0.76 U
Trichloroethene (TCE)	µg/kg	470[AC] 21,000[B]	n/v	0.55 U	0.36 U	0.42 U	0.36 U	0.51 U	0.52 U	0.48 U	29 U	0.45 U	0.41 U	320 U	0.52 U	0.54 U	0.46 U	0.42 U	0.38 U
Trichlorofluoromethane (Freon 11)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	n/v	4.4 U	2.8 U	3.3 U	2.9 U	4.0 U	4.2 U	3.9 U	230 U	3.6 U	3.3 U	2,600 U	4.1 U	4.3 U	3.7 U	3.3 U	3.0 U
Trichlorotrifluoroethane (Freon 113)	µg/kg	100,000[A] 100,000[B] 1,000,000[C]	6,000[E]	4.4 U	2.8 U	3.3 U	2.9 U	4.0 U	4.2 U	3.9 U	230 U	3.6 U	3.3 U	2,600 U	4.1 U	4.3 U	3.7 U	3.3 U	3.0 U
Trimethylbenzene, 1,2,4-	µg/kg	3,600[AC] 52,000[B]	n/v	2.2 U	1.4 U	1.7 U	22	2.0 U	24	0.86 J	**13,000[AC]**	9.8 J	5.0 J	**320,000[ABC]**	2.1 U	2.2 U	1.8 U	1.5 J	1.5 U
Trimethylbenzene, 1,3,5-	µg/kg	8,400[AC] 52,000[B]	n/v	2.2 U	1.4 U	1.7 U	1.5	2.0 U	8.4	1.9 U	2,700	2.4	1.3 J	**120,000[ABC]**	2.1 U	2.2 U	1.8 U	1.7 U	1.5 U
Vinyl Chloride	µg/kg	20[AC] 900[B]	n/v	1.1 U	0.71 U	0.83 U	0.73 U	1.0 U	1.0 U	0.97 U	58 U	0.90 U	0.83 U	640 U	1.0 U	1.1 U	0.92 U	0.84 U	0.76 U
Xylene, m & p-	µg/kg	260[p][A] 100,000[b,p][B] 1,600[p][C]	n/v	2.2 U	1.4 U	1.7 U	54	2.0 U	76	1.9 U	**2,900[AC]**	4.7 J	1.1 J	**470,000[ABC]**	2.1 U	2.2 U	1.8 U	0.70 J	1.5 U
Xylene, o-	µg/kg	260[p][A] 100,000[b,p][B] 1,600[p][C]	n/v	1.1 U	0.71 U	0.83 U	9.9	1.0 U	8.1	0.97 U	84	0.60 J	0.83 U	**120,000[ABC]**	1.0 U	1.1 U	0.92 U	0.68 J	0.76 U
VOC TICs																			
Total VOC TICs	µg/kg	n/v	n/v	9.50 J	1.43 J	-	282 J	-	111 J	-	35,300 J	41.3 J	29.4 J	464,000 J	4.89 J	5.05 J	4.76 J	17.5 J	U

See notes on last page.

Table 22
Summary of Analytical Results for Confirmatory Samples
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C82820

Notes:

NYSDEC-Part 375	NYSDEC 6 NYCRR Part 375 Soil Clean-up Objectives (SCOs)
A	NYSDEC 6 NYCRR Part 375 - Unrestricted Use Soil Cleanup Objectives
B	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Human Health - Restricted Residential
C	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Groundwater
NYSDEC CP-51	New York State Department of Environmental Conservation, DEC Policy CP-51, October 21, 2010
D	Table 1 Supplemental Soil Cleanup Objectives - Restricted Residential
E	Table 1 Supplemental Soil Cleanup Objectives - Protection of Groundwater
6.5[A]	Concentration exceeds the indicated standard.
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.
a	The SCOs for unrestricted use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3
B b	The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3.
E b	Based on rural background study
b,p	The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3. The criterion is applicable to total xylenes, and the individual isomers should be added for comparison.
b,s1	Based on rural background study. The value of 1.0 refers to SVOC analses while the 0.17b refers to VOC analyses.
d	The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 mg/kg (Organics) and 10000 mg/kg (Inorganics). See 6 NYCRR Part 375 TSD Section 9.3.
f	For constituents where the calculated SCO was lower than the CRQL, the CRQL is used as the SCO value.
g	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
m	For constituents where the calculated SCO was lower than the Contract Required Quantitation Limit (CRQL), the CRQL is used as the Track 1 SCO value.
n	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.
p	The criterion is applicable to total xylenes, and the individual isomers should be added for comparison.
J	The reported result is an estimated value.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
J+	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
NJ	Presumptive evidence of material. Indicates an Estimated Value for TICs
U	Indicates that the analyte was analyzed but not detected.
UJ	Indicates estimated non-detect.
R	Rejected
ALPHA	Alpha Scientific Corp

Table 23
Imported Material Sources and Volumes
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Date Last Revised: 1/9/2024

Material Characterization	Source Quarry	Date Imported	Transporter Company	Truck Number	Quarry Scale Ticket Received? (Yes/No)	Quarry Scale Ticket Number	Quarry Scale Ticket Weight (Tons)
#1-2 Blend	The Dolomite Group	1/4/2023	UNK	UNK	No	198986	19.9
#1-2 Blend	The Dolomite Group	1/4/2023	UNK	UNK	No	199002	19.2
#1-2 Blend	The Dolomite Group	1/5/2023	UNK	UNK	No	199133	20.24
#1-2 Blend	The Dolomite Group	1/9/2023	UNK	UNK	No	199325	21.16
#1-2 Blend	The Dolomite Group	1/9/2023	UNK	UNK	No	199347	19.75
Cr-2"	The Dolomite Group	1/10/2023	UNK	UNK	No	199369	19.92
Cr-2"	The Dolomite Group	1/10/2023	UNK	UNK	No	199384	20.36
Cr-2"	The Dolomite Group	1/10/2023	UNK	UNK	No	199403	20.12
Cr-2"	The Dolomite Group	1/31/2023	Monroe Roadways	MR118	Yes	63568	17.21
Cr-2"	The Dolomite Group	1/31/2023	Monroe Roadways	MR118	Yes	63573	17.84
Regular Pea 1/2 in.	Valley Sand and Gravel, Avon Plant	2/27/2023	Monroe Roadways	MONROA79	Yes	67979	19.67
Regular Pea 1/2 in.	Valley Sand and Gravel, Avon Plant	2/27/2023	Monroe Roadways	MONROA79	Yes	67989	20.03
Regular Pea 1/2 in.	Valley Sand and Gravel, Avon Plant	2/27/2023	Monroe Roadways	MONROA79	Yes	67999	19.89
Regular Pea 1/2 in.	Valley Sand and Gravel, Avon Plant	2/27/2023	Monroe Roadways	MONROA79	Yes	68004	19.39
Regular Pea 1/2 in.	Valley Sand and Gravel, Avon Plant	2/27/2023	Monroe Roadways	MONROA79	Yes	68007	20.32
Cr-2"	Iroquois Stone	3/2/2023	Monroe Roadways	MR79	Yes	201594	20.34
Cr-2"	Iroquois Stone	3/2/2023	Monroe Roadways	MR84	Yes	201601	18.11
Cr-2"	Iroquois Stone	3/2/2023	Monroe Roadways	MR84	Yes	201609	18.3
Cr-2"	Iroquois Stone	3/2/2023	Monroe Roadways	MR116	Yes	201615	20.27
Cr-2"	Iroquois Stone	3/2/2023	Monroe Roadways	MR84	Yes	201621	18.05
Cr-2"	The Dolomite Group	3/2/2023	Monroe Roadways	MR116	Yes	201626	20.68
Regular Pea 1/2 in.	Valley Sand and Gravel, Avon Plant	3/2/2023	Monroe Roadways	MONROA79	Yes	68074	20.24
Regular Pea 1/2 in.	Valley Sand and Gravel, Avon Plant	3/2/2023	Monroe Roadways	MONROA116	Yes	68109	20.39
Cr-2"	Iroquois Stone	3/3/2023	Monroe Roadways	MR79	Yes	201633	20.58
Cr-2"	Iroquois Stone	3/3/2023	Monroe Roadways	MR79	Yes	201647	20.21
Cr-2"	Iroquois Stone	3/3/2023	Monroe Roadways	MR79	Yes	201655	20.42
Cr-2"	Iroquois Stone	3/3/2023	Monroe Roadways	MR79	Yes	201661	20.35
Cr-2"	Iroquois Stone	3/3/2023	Monroe Roadways	MR79	Yes	201675	20.39
Cr-2"	Iroquois Stone	3/3/2023	Monroe Roadways	MR79	Yes	201681	20.37
Cr-2"	Iroquois Stone	3/8/2023	Monroe Roadways	AC45	Yes	201831	20.64
Cr-2"	Iroquois Stone	3/8/2023	Monroe Roadways	AC45	Yes	201840	19.51
Cr-2"	Iroquois Stone	3/8/2023	Monroe Roadways	AC45	Yes	201852	19.19
Cr-2"	Iroquois Stone	3/8/2023	Monroe Roadways	AC45	Yes	201863	19.22
Cr-2"	Iroquois Stone	3/8/2023	Monroe Roadways	AC45	Yes	201870	19.59
Cr-2"	Iroquois Stone	3/8/2023	Monroe Roadways	AC45	Yes	201879	19.61
Cr-2"	Iroquois Stone	3/8/2023	Monroe Roadways	AC45	Yes	201887	19.35

Table 23
Imported Material Sources and Volumes
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Date Last Revised: 1/9/2024

Material Characterization	Source Quarry	Date Imported	Transporter Company	Truck Number	Quarry Scale Ticket Received? (Yes/No)	Quarry Scale Ticket Number	Quarry Scale Ticket Weight (Tons)
Regular Pea 1/2 in.	Valley Sand and Gravel, Avon Plant	3/10/2023	Monroe Roadways	MONROA84	Yes	68304	20.12
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	3/10/2023	Monroe Roadways	MONROA84	Yes	68308	20.14
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	3/10/2023	Monroe Roadways	MONROA84	Yes	68316	19.25
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	3/10/2023	Monroe Roadways	MONROA84	Yes	68321	19.78
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	3/10/2023	Monroe Roadways	MONROA84	Yes	68351	19.3
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	3/15/2023	Monroe Roadways	MONROA84	Yes	68356	19.2
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	3/15/2023	Monroe Roadways	MONROA84	Yes	68361	19.25
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	3/15/2023	Monroe Roadways	MONROA84	Yes	68367	19.05
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	3/15/2023	Monroe Roadways	MONROA84	Yes	68370	19.05
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	3/16/2023	Monroe Roadways	MONROA84	Yes	68373	19.59
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	3/16/2023	Monroe Roadways	MONROA84	Yes	68378	19.34
Cr-2"	Iroquois Stone	3/16/2023	Monroe Roadways	MR84	Yes	202186	18.25
Cr-2"	Iroquois Stone	3/16/2023	Monroe Roadways	MR84	Yes	202199	18.11
Cr-2"	Iroquois Stone	3/16/2023	Monroe Roadways	MR84	Yes	202210	18.03
Cr-2"	Iroquois Stone	3/21/2023	Monroe Roadways	19MJ	Yes	202407	22.55
Cr-2"	Iroquois Stone	3/21/2023	Monroe Roadways	19MJ	Yes	202419	22.43
Cr-2"	Iroquois Stone	3/21/2023	Monroe Roadways	19MJ	Yes	202436	22
Cr-2"	Iroquois Stone	3/21/2023	Monroe Roadways	19MJ	Yes	202453	22.16
Cr-2"	Iroquois Stone	3/21/2023	Monroe Roadways	19MJ	Yes	202466	22.05
Cr-2"	Iroquois Stone	3/21/2023	Monroe Roadways	19MJ	Yes	202478	22
Cr-2"	Iroquois Stone	3/21/2023	Monroe Roadways	19MJ	Yes	202491	22.05
Cr-2"	Iroquois Stone	3/21/2023	Monroe Roadways	19MJ	Yes	202509	22.18
Cr-2"	Iroquois Stone	3/22/2023	Monroe Roadways	19MJ	Yes	202611	21.73
Regular Pea 1/2 in.	Valley Sand and Gravel, Avon Plant	3/22/2023	Monroe Roadways	MJDREH19	Yes	68454	23.22
Regular Pea 1/2 in.	Valley Sand and Gravel, Avon Plant	3/22/2023	Monroe Roadways	MJDREH19	Yes	68460	22.78
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	3/22/2023	Monroe Roadways	MJDREH19	Yes	68464	23.23
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	3/22/2023	Monroe Roadways	MJDREH19	Yes	68471	23.06
Cr-2"	Iroquois Stone	3/23/2023	Monroe Roadways	MR116	Yes	202674	20.25
Cr-2"	Iroquois Stone	3/23/2023	Monroe Roadways	MR116	Yes	202690	19.89
Cr-2"	Iroquois Stone	3/23/2023	Monroe Roadways	MR116	Yes	202739	19.86
Cr-2"	Iroquois Stone	3/24/2023	Monroe Roadways	MR79	Yes	202816	19.2
Cr-2"	Iroquois Stone	3/24/2023	Monroe Roadways	MR79	Yes	202829	18.7
Cr-2"	Iroquois Stone	3/24/2023	Monroe Roadways	MR79	Yes	202798	18.88
Cr-2"	Iroquois Stone	4/11/2023	Monroe Roadways	21MJ	Yes	203788	21.97
Cr-2"	Iroquois Stone	4/11/2023	Monroe Roadways	21MJ	Yes	203771	21.92
Cr-2"	Iroquois Stone	4/11/2023	Monroe Roadways	21MJ	Yes	203808	22.16

Table 23
Imported Material Sources and Volumes
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Date Last Revised: 1/9/2024

Material Characterization	Source Quarry	Date Imported	Transporter Company	Truck Number	Quarry Scale Ticket Received? (Yes/No)	Quarry Scale Ticket Number	Quarry Scale Ticket Weight (Tons)
Cr-2"	Iroquois Stone	4/11/2023	Monroe Roadways	21MJ	Yes	203797	21.98
Cr-2"	Iroquois Stone	4/11/2023	Monroe Roadways	21MJ	Yes	203822	22.03
UNK	UNK	4/11/2023	Silvarole Trucking Inc.	UNK	Yes	41370	99.83
UNK	UNK	4/13/2023	Silvarole Trucking Inc.	UNK	Yes	41371	115.26
UNK	UNK	4/13/2023	Silvarole Trucking Inc.	UNK	Yes	41460	113.82
#1-2 Blend	UNK	4/18/2023	UNK	UNK	No	199479	21.38
#1-2 Blend	UNK	4/18/2023	UNK	UNK	No	199507	21.06
Cr-2"	UNK	4/20/2023	UNK	UNK	No	204657	20.92
Cr-2"	UNK	4/20/2023	UNK	UNK	No	204760	21.08
Cr-2"	Iroquois Stone	4/21/2023	Monroe Roadways	MR13	Yes	204786	21.35
#1 and #2 Stone Blend	Iroquois Stone	4/21/2023	Monroe Roadways	MR13	Yes	204801	21.04
#1-2 Blend	Iroquois Stone	4/21/2023	Monroe Roadways	MR13	Yes	204821	21.02
#1-2 Blend	Iroquois Stone	4/21/2023	Monroe Roadways	MR13	Yes	204835	20.74
Cr-2"	Iroquois Stone	4/21/2023	Monroe Roadways	MR13	Yes	204865	20.47
#1-2 Blend	UNK	4/24/2023	UNK	UNK	No	199915	21.13
#1-2 Blend	UNK	4/24/2023	UNK	UNK	No	199934	20.36
#1-2 Blend	UNK	4/24/2023	UNK	UNK	No	199948	19.91
#1-2 Blend	UNK	4/26/2023	UNK	UNK	No	205260	21.12
#1-2 Blend	UNK	4/26/2023	UNK	UNK	No	205180	21.22
Cr-2"	UNK	4/26/2023	UNK	UNK	No	205108	21.09
Cr-2"	UNK	4/26/2023	UNK	UNK	No	205134	21.29
Cr-2"	UNK	4/26/2023	UNK	UNK	No	205163	21.21
Cr-2"	UNK	4/26/2023	UNK	UNK	No	205207	21.04
Cr-2"	UNK	4/26/2023	UNK	UNK	No	205234	20.77
#1-2 Blend	UNK	4/27/2023	UNK	UNK	No	205317	21.01
#1-2 Blend	UNK	4/27/2023	UNK	UNK	No	205361	20.9
#1-2 Blend	UNK	4/27/2023	UNK	UNK	No	205382	20.96
#1-2 Blend	UNK	4/27/2023	UNK	UNK	No	205288	21.12
Cr-2"	UNK	4/27/2023	UNK	UNK	No	205304	21.14
#1-2 Blend	UNK	5/1/2023	UNK	UNK	No	205706	2.58
Cr-2"	UNK	5/2/2023	UNK	UNK	No	205876	18.67
Cr-2"	UNK	5/2/2023	UNK	UNK	No	205887	18.15
Cr-2"	UNK	5/2/2023	UNK	UNK	No	205789	18.64
Cr-2"	UNK	5/2/2023	UNK	UNK	No	205829	18.69
#1-2 Blend	UNK	5/2/2023	UNK	UNK	No	205851	18.68
Cr-2"	UNK	5/3/2023	UNK	UNK	No	205898	21.63

Table 23
Imported Material Sources and Volumes
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Date Last Revised: 1/9/2024

Material Characterization	Source Quarry	Date Imported	Transporter Company	Truck Number	Quarry Scale Ticket Received? (Yes/No)	Quarry Scale Ticket Number	Quarry Scale Ticket Weight (Tons)
Cr-2"	UNK	5/3/2023	UNK	UNK	No	205970	21.27
Cr-2"	UNK	5/3/2023	UNK	UNK	No	206009	19.99
Cr-2"	UNK	5/4/2023	UNK	UNK	No	206110	20.74
Cr-2"	UNK	5/4/2023	UNK	UNK	No	206193	19.6
Cr-2"	UNK	5/4/2023	UNK	UNK	No	206209	19.66
#1-2 Blend	Iroquois Stone	5/8/2023	Monroe Roadways	20MJ	Yes	206346	21.9
#1-2 Blend	Iroquois Stone	5/8/2023	Monroe Roadways	20MJ	Yes	206373	21.94
Cr-2"	Iroquois Stone	5/8/2023	Monroe Roadways	20MJ	Yes	206414	21.61
Cr-2"	Iroquois Stone	5/8/2023	Monroe Roadways	20MJ	Yes	206430	22.63
Cr-2"	Iroquois Stone	5/8/2023	Monroe Roadways	20MJ	Yes	206456	22.05
Cr-2"	UNK	5/8/2023	UNK	UNK	No	206459	17.69
Cr-2"	UNK	5/9/2023	UNK	UNK	No	206513	17.49
Cr-2"	UNK	5/9/2023	UNK	UNK	No	206514	20.81
Cr-2"	UNK	5/9/2023	UNK	UNK	No	206569	17.92
Cr-2"	UNK	5/9/2023	UNK	UNK	No	206551	20.81
#1-2 Blend	UNK	5/9/2023	UNK	UNK	No	206552	17.77
#1-2 Blend	UNK	5/9/2023	UNK	UNK	No	206566	20.96
#1-2 Blend	UNK	5/9/2023	UNK	UNK	No	206567	19.71
#1-2 Blend	UNK	5/9/2023	UNK	UNK	No	206533	17.68
Cr-2"	UNK	5/10/2023	UNK	UNK	No	206725	19.39
Cr-2"	Iroquois Stone	5/11/2023	Monroe Roadways	CT05	Yes	206745	23.55
Cr-2"	Iroquois Stone	5/11/2023	Monroe Roadways	CT05	Yes	206797	23.75
Cr-2"	Iroquois Stone	5/11/2023	Monroe Roadways	CT02	Yes	206832	20.71
Cr-2"	Iroquois Stone	5/11/2023	Monroe Roadways	CT05	Yes	206833	23.45
Cr-2"	Iroquois Stone	5/11/2023	Monroe Roadways	CT02	Yes	206871	21
Cr-2"	Iroquois Stone	5/11/2023	Monroe Roadways	CT05	Yes	206874	22.75
Cr-2"	UNK	5/11/2023	UNK	UNK	No	206760	21.59
Cr-2"	Iroquois Stone	5/12/2023	Monroe Roadways	27MJ	Yes	206950	22.33
Cr-2"	Iroquois Stone	5/12/2023	Monroe Roadways	27MJ	Yes	206969	22.33
Cr-2"	Iroquois Stone	5/12/2023	Monroe Roadways	27MJ	Yes	206989	22.56
Cr-2"	Iroquois Stone	5/12/2023	Monroe Roadways	27MJ	Yes	207008	22.41
Cr-2"	Iroquois Stone	5/12/2023	Monroe Roadways	27MJ	Yes	207033	21.87
Cr-2"	Iroquois Stone	5/12/2023	Monroe Roadways	27MJ	Yes	207054	21.87
Cr-2"	UNK	5/12/2023	UNK	UNK	No	206951	19.89
Cr-2"	UNK	5/12/2023	UNK	UNK	No	206954	18.48
Cr-2"	UNK	5/12/2023	UNK	UNK	No	206974	18.38

Table 23
Imported Material Sources and Volumes
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Date Last Revised: 1/9/2024

Material Characterization	Source Quarry	Date Imported	Transporter Company	Truck Number	Quarry Scale Ticket Received? (Yes/No)	Quarry Scale Ticket Number	Quarry Scale Ticket Weight (Tons)
Cr-2"	UNK	5/12/2023	UNK	UNK	No	207024	17.99
Cr-2"	UNK	5/12/2023	UNK	UNK	No	207049	17.9
Cr-2"	UNK	5/12/2023	UNK	UNK	No	207076	17.8
Cr-2"	UNK	5/12/2023	UNK	UNK	No	207103	17.4
#1-2 Blend	UNK	5/12/2023	UNK	UNK	No	207038	19.7
#1-2 Blend	UNK	5/12/2023	UNK	UNK	No	206995	18.65
#1-2 Blend	UNK	5/15/2023	UNK	UNK	No	207263	17.75
#1-2 Blend	UNK	5/16/2023	UNK	UNK	No	207282	18.27
Cr-2"	UNK	5/17/2023	UNK	UNK	No	207462	18.49
Cr-2"	UNK	5/17/2023	UNK	UNK	No	207488	18.16
Cr-2"	UNK	5/17/2023	UNK	UNK	No	207512	18.32
Cr-2"	UNK	5/17/2023	UNK	UNK	No	207537	18.36
Cr-2"	UNK	5/17/2023	UNK	UNK	No	207560	18.23
#1-2 Blend	UNK	5/17/2023	UNK	UNK	No	207420	18.7
#1-2 Blend	UNK	5/17/2023	UNK	UNK	No	207588	18.64
#1-2 Blend	UNK	5/17/2023	UNK	UNK	No	207610	19
Cr-2"	UNK	5/18/2023	UNK	UNK	No	207795	18.67
Cr-2"	UNK	5/18/2023	UNK	UNK	No	207815	19.17
#1-2 Blend	UNK	5/18/2023	UNK	UNK	No	207715	18.17
#1-2 Blend	UNK	5/18/2023	UNK	UNK	No	207747	18.32
#1-2 Blend	UNK	5/18/2023	UNK	UNK	No	207769	18.77
Cr-2"	Iroquois Stone	5/19/2023	Monroe Roadways	AC85	Yes	207838	19.76
Cr-2"	Iroquois Stone	5/19/2023	Monroe Roadways	AC85	Yes	207875	20.04
Cr-2"	Iroquois Stone	5/19/2023	Monroe Roadways	AC85	Yes	207932	19.95
Cr-2"	Iroquois Stone	5/19/2023	Monroe Roadways	AC85	Yes	207952	19.87
Cr-2"	Iroquois Stone	5/19/2023	Monroe Roadways	AC85	Yes	207971	19.9
Cr-2"	Iroquois Stone	5/19/2023	Monroe Roadways	AC85	Yes	207980	19.83
00157 Cushion Sand	The Dolomite Group	5/19/2023	Monroe Roadways	AC85	Yes	202259	17.69
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	5/22/2023	Monroe Roadways	MONROAD118	Yes	70375	18.54
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	5/22/2023	Monroe Roadways	MONROAD118	Yes	70390	19.05
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	5/22/2023	Monroe Roadways	MONROAD118	Yes	70403	18.62
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	5/22/2023	Monroe Roadways	MONROAD118	Yes	70418	18.42
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	5/22/2023	Monroe Roadways	MONROAD118	Yes	70360	18.7
#1-2 Blend	Iroquois Stone	5/24/2023	Monroe Roadways	AC75	Yes	208259	20.37
Cr-2"	Iroquois Stone	5/24/2023	Monroe Roadways	AC75	Yes	208277	20.06
#1-2 Blend	Iroquois Stone	5/24/2023	Monroe Roadways	AC75	Yes	208292	20.1

Table 23
Imported Material Sources and Volumes
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Date Last Revised: 1/9/2024

Material Characterization	Source Quarry	Date Imported	Transporter Company	Truck Number	Quarry Scale Ticket Received? (Yes/No)	Quarry Scale Ticket Number	Quarry Scale Ticket Weight (Tons)
Cr-2"	Iroquois Stone	5/24/2023	Monroe Roadways	AC75	Yes	208304	20.42
Cr-2"	Iroquois Stone	5/24/2023	Monroe Roadways	AC75	Yes	208317	19.53
Cr-2"	Iroquois Stone	5/24/2023	Monroe Roadways	AC75	Yes	208334	20.07
Cr-2"	Iroquois Stone	5/24/2023	Monroe Roadways	AC75	Yes	208347	19.47
#1-2 Blend	Iroquois Stone	5/24/2023	Monroe Roadways	AC75	Yes	208355	19.87
Cr-2"	Iroquois Stone	5/24/2023	Monroe Roadways	AC75	Yes	208264	20.2
Cr-2"	Iroquois Stone	5/26/2023	Monroe Roadways	AC79	Yes	208449	19.84
#1-2 Blend	Iroquois Stone	5/26/2023	Monroe Roadways	MR79	Yes	208458	19.6
Cr-2"	Iroquois Stone	5/26/2023	Monroe Roadways	MR79	Yes	208474	19.57
Cr-2"	Iroquois Stone	5/26/2023	Monroe Roadways	MR79	Yes	208483	19.42
Cr-2"	Iroquois Stone	5/26/2023	Monroe Roadways	MR79	Yes	208492	19.62
#1-2 Blend	Iroquois Stone	5/26/2023	Monroe Roadways	MR79	Yes	208516	19.49
Cr-2"	Iroquois Stone	5/26/2023	Monroe Roadways	MR79	Yes	208505	19.54
Modified Patch	Iroquois Stone	5/31/2023	Monroe Roadways	MR18	Yes	208696	1.78
#1-2 Blend	Iroquois Stone	5/31/2023	Monroe Roadways	MR18	Yes	208710	19.05
#1-2 Blend	Iroquois Stone	5/31/2023	Monroe Roadways	MR18	Yes	208717	18.81
Regular Pea 1/2 in.	Valley Sand and Gravel, Avon Plant	5/31/2023	Monroe Roadways	MONROAD118	Yes	70741	12.24
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	19MJ	Yes	209157	22.81
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	CT06	Yes	209158	22.01
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	MR84	Yes	209164	18.17
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	LHL4	Yes	209170	20.07
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	CT09	Yes	209177	20.12
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	19MJ	Yes	209188	22.13
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	CT09	Yes	209189	21.42
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	MR84	Yes	209192	18.19
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	LHL4	Yes	209197	20.09
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	CT09	Yes	209202	20.24
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	19MJ	Yes	209214	22.2
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	CT06	Yes	209215	21.33
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	LHL4	Yes	209225	19.92
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	CT09	Yes	209226	19.99
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	MR84	Yes	209227	18.22
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	19MJ	Yes	209232	22.18
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	CT06	Yes	209234	20.45
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	LHL4	Yes	209244	20.05
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	CT09	Yes	209246	20.03

Table 23
Imported Material Sources and Volumes
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Date Last Revised: 1/9/2024

Material Characterization	Source Quarry	Date Imported	Transporter Company	Truck Number	Quarry Scale Ticket Received? (Yes/No)	Quarry Scale Ticket Number	Quarry Scale Ticket Weight (Tons)
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	MR84	Yes	209249	17.95
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	19MJ	Yes	209253	21.68
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	CT06	Yes	209258	21.48
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	LHL4	Yes	209268	19.99
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	CT09	Yes	209270	17.94
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	MR84	Yes	209272	17.84
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	19MJ	Yes	209274	22.48
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	CT06	Yes	209279	21.35
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	LHL4	Yes	209290	19.51
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	CT09	Yes	209291	20.48
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	19MJ	Yes	209293	22.53
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	CT06	Yes	209296	21.55
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	CT09	Yes	209309	20.96
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	LHL4	Yes	209311	20
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	19MJ	Yes	209312	22.47
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	CT06	Yes	209316	20.93
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	LHL4	Yes	209332	19.59
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	CT09	Yes	209333	20.68
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	19MJ	Yes	209334	22.25
Cr-2"	Iroquois Stone	6/7/2023	Monroe Roadways	CT06	Yes	209337	20.76
Cr-2"	UNK	6/7/2023	UNK	UNK	No	209217	19.87
Cr-2"	UNK	6/7/2023	UNK	UNK	No	209228	20.97
Cr-2"	UNK	6/7/2023	UNK	UNK	No	209248	19.98
Cr-2"	UNK	6/7/2023	UNK	UNK	No	209260	19.82
Cr-2"	UNK	6/7/2023	UNK	UNK	No	209159	19.86
Cr-2"	UNK	6/7/2023	UNK	UNK	No	209191	21.94
#1-2 Blend	UNK	6/7/2023	UNK	UNK	No	209208	20.74
Cr-2"	Iroquois Stone	6/8/2023	Monroe Roadways	MR79	Yes	209357	18.07
Cr-2"	Iroquois Stone	6/8/2023	Monroe Roadways	MR79	Yes	209377	18.91
Cr-2"	Iroquois Stone	6/8/2023	Monroe Roadways	MR79	Yes	209397	18.75
Cr-2"	Iroquois Stone	6/8/2023	Monroe Roadways	MR79	Yes	209412	18.46
Cr-2"	Iroquois Stone	6/8/2023	Monroe Roadways	MR79	Yes	209435	18.85
Cr-2"	Iroquois Stone	6/8/2023	Monroe Roadways	MR79	Yes	209454	18.64
Cr-2"	Iroquois Stone	6/8/2023	Monroe Roadways	MR79	Yes	209473	18.62
Cr-2"	Iroquois Stone	6/8/2023	Monroe Roadways	MR79	Yes	209495	17.91
Cr-2"	UNK	6/8/2023	UNK	UNK	No	209351	19.71

Table 23
Imported Material Sources and Volumes
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Date Last Revised: 1/9/2024

Material Characterization	Source Quarry	Date Imported	Transporter Company	Truck Number	Quarry Scale Ticket Received? (Yes/No)	Quarry Scale Ticket Number	Quarry Scale Ticket Weight (Tons)
Cr-2"	UNK	6/8/2023	UNK	UNK	No	209367	19.8
Cr-2"	UNK	6/8/2023	UNK	UNK	No	209390	19.59
Cr-2"	UNK	6/8/2023	UNK	UNK	No	209408	19.16
Cr-2"	UNK	6/8/2023	UNK	UNK	No	209424	19.65
Cr-2"	UNK	6/8/2023	UNK	UNK	No	209445	19.46
Cr-2"	UNK	6/8/2023	UNK	UNK	No	209465	19.65
Cr-2"	UNK	6/8/2023	UNK	UNK	No	209483	19.54
Cr-2"	UNK	6/8/2023	UNK	UNK	No	209501	19.34
Cr-2"	Iroquois Stone	6/9/2023	Monroe Roadways	MR79	Yes	209530	19.62
Cr-2"	Iroquois Stone	6/9/2023	Monroe Roadways	MR79	Yes	209551	19.86
Cr-2"	Iroquois Stone	6/9/2023	Monroe Roadways	MR79	Yes	209567	19.9
Cr-2"	Iroquois Stone	6/9/2023	Monroe Roadways	MR79	Yes	209580	19.73
Cr-2"	Iroquois Stone	6/9/2023	Monroe Roadways	MR79	Yes	209599	19.27
Cr-2"	Iroquois Stone	6/9/2023	Monroe Roadways	MR79	Yes	209616	19.54
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/9/2023	Monroe Roadways	MONROA79	Yes	71070	19.41
Cr-2"	Iroquois Stone	6/12/2023	Monroe Roadways	MR79	Yes	209651	19.29
Cr-2"	Iroquois Stone	6/12/2023	Monroe Roadways	MR79	Yes	209668	19.43
Cr-2"	Iroquois Stone	6/12/2023	Monroe Roadways	MR79	Yes	209685	19.46
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/12/2023	Monroe Roadways	MONROA79	Yes	71120	19.1
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/12/2023	Monroe Roadways	MONROA79	Yes	71159	19.57
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/12/2023	Monroe Roadways	MONROA79	Yes	71174	19.05
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/13/2023	Monroe Roadways	MONROA79	Yes	71189	19.82
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/13/2023	Monroe Roadways	MONROA79	Yes	71200	19.72
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/13/2023	Monroe Roadways	MONROA79	Yes	71206	19.85
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/13/2023	Monroe Roadways	MONROA79	Yes	71215	19.47
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/13/2023	Monroe Roadways	MONROA79	Yes	71228	19.35
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/13/2023	Monroe Roadways	MONROA79	Yes	71226	18.34
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/14/2023	Monroe Roadways	MONROAD118	Yes	71311	19.12
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/14/2023	Monroe Roadways	MONROAD118	Yes	71297	18.93
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/14/2023	Monroe Roadways	MONROAD118	Yes	71284	19.2
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/14/2023	Monroe Roadways	MONROAD118	Yes	71268	18.11
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/14/2023	Monroe Roadways	MONROAD118	Yes	71253	18.32
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/14/2023	Monroe Roadways	MONROAD118	Yes	71238	18.59
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/15/2023	Monroe Roadways	MONROA79	Yes	71323	19.81
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/15/2023	Monroe Roadways	MONROA79	Yes	71357	19.54
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/15/2023	Monroe Roadways	MONROA79	Yes	71388	19.45

Table 23
Imported Material Sources and Volumes
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Date Last Revised: 1/9/2024

Material Characterization	Source Quarry	Date Imported	Transporter Company	Truck Number	Quarry Scale Ticket Received? (Yes/No)	Quarry Scale Ticket Number	Quarry Scale Ticket Weight (Tons)
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/15/2023	Monroe Roadways	MONROA79	Yes	71411	18.98
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/15/2023	Monroe Roadways	MONROA79	Yes	71431	19.46
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/16/2023	Monroe Roadways	MONROA84	Yes	71452	20.42
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/16/2023	Monroe Roadways	MONROA84	Yes	71464	19.65
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/16/2023	Monroe Roadways	MONROA84	Yes	71485	18.67
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/16/2023	Monroe Roadways	MONROA84	Yes	71505	18.55
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/16/2023	Monroe Roadways	MONROA84	Yes	71518	18.57
Cr-2"	Iroquois Stone	6/27/2023	Monroe Roadways	MR84	Yes	211109	17.58
Cr-2"	UNK	7/5/2023	UNK	UNK	No	211520	17.59
Cr-2"	UNK	7/5/2023	UNK	UNK	No	211536	17.66
Cr-2"	UNK	7/12/2023	UNK	UNK	No	211985	18.47
Cr-2"	UNK	7/12/2023	UNK	UNK	No	211990	18.58
Cr-2"	UNK	7/12/2023	UNK	UNK	No	211994	18.61
Cr-2"	UNK	7/12/2023	UNK	UNK	No	212000	18.63
Cr-2"	UNK	7/12/2023	UNK	UNK	No	212007	18.41
Cr-2"	UNK	7/12/2023	UNK	UNK	No	212017	18.3
Cr-2"	UNK	7/12/2023	UNK	UNK	No	212029	17.9
Cr-2"	UNK	7/12/2023	UNK	UNK	No	212046	18.25
Cr-2"	UNK	7/21/2023	UNK	UNK	No	212923	19.68
Cr-2"	UNK	7/21/2023	UNK	UNK	No	212931	19.31
#1-2 Blend	UNK	7/21/2023	UNK	UNK	No	212910	19.54
Cr-2"	UNK	7/24/2023	UNK	UNK	No	212944	19.69
Cr-2"	UNK	7/24/2023	UNK	UNK	No	212962	19.7
Cr-2"	UNK	7/24/2023	UNK	UNK	No	212974	19.33
Cr-2"	UNK	7/24/2023	UNK	UNK	No	212984	19.69
Cr-2"	UNK	7/24/2023	UNK	UNK	No	213000	19.13
Cr-1"	UNK	8/1/2023	UNK	UNK	No	213978	17.67
Cr-1"	UNK	8/1/2023	UNK	UNK	No	213983	17.67
Cr-1"	UNK	8/1/2023	UNK	UNK	No	213991	17.38
#1-2 Blend	UNK	8/1/2023	UNK	UNK	No	213952	18.25
Cr-1"	UNK	8/3/2023	UNK	UNK	No	214168	18.56
Cr-1"	UNK	8/3/2023	UNK	UNK	No	214182	18.64
Cr-1"	UNK	8/3/2023	UNK	UNK	No	216658	20.46
Cr-2"	UNK	8/3/2023	UNK	UNK	No	214152	18.63
#1-2 Blend	UNK	8/3/2023	UNK	UNK	No	214258	18.65
#1-2 Blend	UNK	8/8/2023	UNK	UNK	No	214560	20.03

Table 23
Imported Material Sources and Volumes
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Date Last Revised: 1/9/2024

Material Characterization	Source Quarry	Date Imported	Transporter Company	Truck Number	Quarry Scale Ticket Received? (Yes/No)	Quarry Scale Ticket Number	Quarry Scale Ticket Weight (Tons)
Cr-1"	UNK	8/18/2023	UNK	UNK	No	215325	22.19
Cr-2"	UNK	8/18/2023	UNK	UNK	No	215259	22.25
Cr-2"	UNK	8/19/2023	UNK	UNK	No	215265	22.26
Cr-2"	UNK	8/20/2023	UNK	UNK	No	215274	22.2
Cr-2"	UNK	8/21/2023	UNK	UNK	No	215286	22.45
Cr-2"	UNK	8/22/2023	UNK	UNK	No	215294	22.08
#1-2 Blend	UNK	8/23/2023	UNK	UNK	No	215552	19.85
#1-2 Blend	UNK	8/23/2023	UNK	UNK	No	215573	20
Cr-2"	UNK	8/23/2023	UNK	UNK	No	215303	21.95
Cr-2"	UNK	8/24/2023	UNK	UNK	No	215314	22.26
Cr-2"	UNK	8/31/2023	UNK	UNK	No	216256	18.1
Cr-2"	UNK	8/31/2023	UNK	UNK	No	216274	18.08
Cr-2"	UNK	8/31/2023	UNK	UNK	No	216302	18.23
Cr-2"	UNK	8/31/2023	UNK	UNK	No	216333	17.87
Cr-2"	UNK	9/5/2023	UNK	UNK	No	216431	20.03
Cr-2"	UNK	9/5/2023	UNK	UNK	No	216446	21.19
Cr-2"	UNK	9/5/2023	UNK	UNK	No	216460	20.02
Cr-2"	UNK	9/5/2023	UNK	UNK	No	216476	21.2
Cr-2"	UNK	9/5/2023	UNK	UNK	No	216488	21.55
Cr-2"	UNK	9/6/2023	UNK	UNK	No	216558	21.52
Cr-2"	UNK	9/6/2023	UNK	UNK	No	216576	21.08
Cr-2"	UNK	9/6/2023	UNK	UNK	No	216602	20.96
Cr-2"	UNK	9/6/2023	UNK	UNK	No	216614	20.8
Cr-2"	UNK	9/6/2023	UNK	UNK	No	216636	20.59
Cr-2"	UNK	9/6/2023	UNK	UNK	No	216643	20.95
Cr-2"	UNK	9/6/2023	UNK	UNK	No	216646	18.09
Cr-2"	UNK	9/6/2023	UNK	UNK	No	216670	20.64
Cr-1"	UNK	9/7/2023	UNK	UNK	No	216721	20.58
Cr-2"	UNK	9/7/2023	UNK	UNK	No	216681	19.97
Cr-2"	UNK	9/7/2023	UNK	UNK	No	216704	20.52
Cr-2"	UNK	9/7/2023	UNK	UNK	No	216712	20.5
Cr-2"	UNK	9/7/2023	UNK	UNK	No	216652	20.49
Cr-1"	UNK	9/8/2023	UNK	UNK	No	216742	18.42
Cr-1"	UNK	9/21/2023	UNK	UNK	No	217562	17.95
Cr-2"	UNK	10/5/2023	UNK	UNK	No	218733	18.32
Cr-2"	UNK	10/9/2023	UNK	UNK	No	218884	20.76

Table 23
Imported Material Sources and Volumes
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Material Characterization	Source Quarry	Date Imported	Transporter Company	Truck Number	Quarry Scale Ticket Received? (Yes/No)	Quarry Scale Ticket Number	Quarry Scale Ticket Weight (Tons)
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/27/203	Monroe Roadways	MONROAD84	Yes	71959	20.16
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/27/203	Monroe Roadways	MONROAD84	Yes	71971	20.15
Reg Pea/Round 2 Blend	Valley Sand and Gravel, Avon Plant	6/27/203	Monroe Roadways	MONROAD84	Yes	72058	20.34
#1-2 Blend	UNK		UNK	UNK	No	212938	19.62

Notes:
1. Sampling was not required per DER-10 as the material was from a virgin quarry and it contained less than 10% by weight material that would pass a size 80 sieve.

Table 24
Imported Material Sources and Volumes (Totals)
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, NY
BCP Site #C828206

Imported Material Description	Material Source	Quantity [1,3] (Tons, Approximate)	Quantity [2] (CY, Approximate)
#1-2 Blended Gravel	Iroquois Stone, Brockport, NY	871.7	581.1
CR-1" and CR-2" Gravel	The Dolomite Group, Penfield, NY	5009.6	2504.8
Pea Gravel	Valley Sand and Gravel, Avon, NY	1111.6	823.4

Notes:
1. Bank Run Gravel density assumed to be 1.5 tons/CY.
2. Topsoil density assumed to be 1.35 tons/CY.
3. Gabion stone density assumed to be 2.0 tons/CY.

Table 25
Summary of Analytical Results for Imported Topsoil
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location				CNL-TS1				CNL-TS2	CNL-TS3	CNL-TS4
Sample Date				5-Jun-23	5-Jun-23	5-Jun-23	5-Jun-23	5-Jun-23	5-Jun-23	5-Jun-23
Sample ID				CNL-TS1-C-S	CNL-DUP-C-S	CNL-TS1-D-S	CNL-DUP-D-S	CNL-TS2-D-S	CNL-TS3-D-S	CNL-TS4-D-S
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA
Laboratory Work Order				L2331291	L2331291	L2331290	L2331290	L2331290	L2331290	L2331290
Laboratory Sample ID				L2331291-01	L2331291-02	L2331290-01	L2331290-05	L2331290-02	L2331290-03	L2331290-04
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51		Field Duplicate		Field Duplicate			
General Chemistry										
Total Solids	%	n/v	n/v	86.2	88.0	85.7	85.7	86.8	87.3	87.9
Metals										
Aluminum	mg/kg	10,000$_e^{ABC}$	10,000$_a^{E}$	7,870	7,700	-	-	-	-	-
Antimony	mg/kg	10,000$_e^{ABC}$	10,000$_a^{E}$	4.42 U	4.44 U	-	-	-	-	-
Arsenic	mg/kg	13$_n^{A}$ 16$_g^{BC}$	n/v	4.65	4.44	-	-	-	-	-
Barium	mg/kg	350$_n^{A}$ 400^{B} 820^{C}	n/v	46.6	47.7	-	-	-	-	-
Beryllium	mg/kg	7.2^{A} 72^{B} 47^{C}	n/v	0.379 J	0.383 J	-	-	-	-	-
Cadmium	mg/kg	2.5$_n^{A}$ 4.3^{B} 7.5^{C}	n/v	0.258 J	0.260 J	-	-	-	-	-
Calcium	mg/kg	10,000$_e^{ABC}$	10,000$_a^{E}$	3,030 J	3,700	-	-	-	-	-
Chromium	mg/kg	30$_{n,i}^{A}$ 180$^{B}_{NS,q}$ ^{C}	n/v	9.91	9.72	-	-	-	-	-
Cobalt	mg/kg	10,000$_e^{ABC}$	10,000$_a^{E}$	4.63	4.48	-	-	-	-	-
Copper	mg/kg	50^{A} 270^{B} 1,720^{C}	n/v	9.90	11.0	-	-	-	-	-
Iron	mg/kg	10,000$_e^{ABC}$	10,000$_a^{E}$	**13,200^{ABCE}**	**13,300^{ABCE}**	-	-	-	-	-
Lead	mg/kg	63$_n^{A}$ 400^{B} 450^{C}	n/v	21.8	23.3	-	-	-	-	-
Magnesium	mg/kg	10,000$_e^{ABC}$	n/v	2,240	2,310	-	-	-	-	-
Manganese	mg/kg	1,600$_n^{A}$ 2,000$_g^{BC}$	n/v	512	569	-	-	-	-	-
Mercury	mg/kg	0.18$_n^{A}$ 0.81$_s^{B}$ 0.73^{C}	n/v	0.058 J	0.056 J	-	-	-	-	-
Nickel	mg/kg	30^{A} 310^{B} 130^{C}	n/v	8.76	8.69	-	-	-	-	-
Potassium	mg/kg	10,000$_e^{ABC}$	n/v	527	540	-	-	-	-	-
Selenium	mg/kg	3.9$_n^{A}$ 180^{B} 4$_g^{C}$	n/v	0.262 J	0.334 J	-	-	-	-	-
Silver	mg/kg	2^{A} 180^{B} 8.3^{C}	n/v	0.442 U	0.444 U	-	-	-	-	-
Sodium	mg/kg	10,000$_e^{ABC}$	n/v	64.3 J	69.1 J	-	-	-	-	-
Thallium	mg/kg	10,000$_e^{ABC}$	10,000$_a^{E}$	0.602 J	0.529 J	-	-	-	-	-
Vanadium	mg/kg	10,000$_e^{ABC}$	10,000$_a^{E}$	15.9	15.6	-	-	-	-	-
Zinc	mg/kg	109$_n^{A}$ 10,000$_e^{B}$ 2,480^{C}	n/v	46.8	46.5	-	-	-	-	-
Polychlorinated Biphenyls										
Aroclor 1016	µg/kg	$_o^{ABC}$	n/v	55.1 U	53.7 U	-	-	-	-	-
Aroclor 1221	µg/kg	$_o^{ABC}$	n/v	55.1 U	53.7 U	-	-	-	-	-
Aroclor 1232	µg/kg	$_o^{ABC}$	n/v	55.1 U	53.7 U	-	-	-	-	-
Aroclor 1242	µg/kg	$_o^{ABC}$	n/v	55.1 U	53.7 U	-	-	-	-	-
Aroclor 1248	µg/kg	$_o^{ABC}$	n/v	55.1 U	53.7 U	-	-	-	-	-
Aroclor 1254	µg/kg	$_o^{ABC}$	n/v	55.1 U	53.7 U	-	-	-	-	-
Aroclor 1260	µg/kg	$_o^{ABC}$	n/v	55.1 U	53.7 U	-	-	-	-	-
Aroclor 1262	µg/kg	$_o^{ABC}$	n/v	55.1 U	53.7 U	-	-	-	-	-
Aroclor 1268	µg/kg	$_o^{ABC}$	n/v	55.1 U	53.7 U	-	-	-	-	-
Polychlorinated Biphenyls (PCBs)	µg/kg	100^{A} 1,000^{B} 3,200^{C}	n/v	55.1 U	53.7 U	-	-	-	-	-
Pesticides										
Aldrin	µg/kg	5$_n^{A}$ 97^{B} 190^{C}	n/v	1.76 U	1.79 U	-	-	-	-	-
BHC, alpha-	µg/kg	20^{AC} 480^{B}	n/v	0.732 U	0.745 U	-	-	-	-	-
BHC, beta-	µg/kg	36^{A} 360^{B} 90^{C}	n/v	1.76 U	1.79 U	-	-	-	-	-
BHC, delta-	µg/kg	40$_a^{A}$ 100,000$_b^{B}$ 250^{C}	n/v	1.76 U	1.79 U	-	-	-	-	-
Camphechlor (Toxaphene)	µg/kg	100,000$_a^{A}$ 100,000$_b^{B}$ 1,000,000$_d^{C}$	n/v	33.0 U	33.5 U	-	-	-	-	-
Chlordane (Total)	µg/kg	100,000$_a^{A}$ 100,000$_b^{B}$ 1,000,000$_d^{C}$	n/v	14.6 U	14.9 U	-	-	-	-	-
Chlordane, alpha-	µg/kg	94^{A} 4,200^{B} 2,900^{C}	n/v	2.20 U	2.24 U	-	-	-	-	-
Chlordane, trans- (gamma-Chlordane)	µg/kg	100,000$_a^{A}$ 100,000$_b^{B}$ 1,000,000$_d^{C}$	n/v	1.23 J	1.11 J	-	-	-	-	-
DDD (p,p'-DDD)	µg/kg	3.3$_m^{A}$ 13,000^{B} 14,000^{C}	n/v	1.41 J	1.68 J	-	-	-	-	-
DDE (p,p'-DDE)	µg/kg	3.3$_m^{A}$ 8,900^{B} 17,000^{C}	n/v	**135^{A}**	**102^{A}**	-	-	-	-	-
DDT (p,p'-DDT)	µg/kg	3.3$_m^{A}$ 7,900^{B} 136,000^{C}	n/v	**83.0^{A}**	**77.4^{A}**	-	-	-	-	-
Dieldrin	µg/kg	5$_n^{A}$ 200^{B} 100^{C}	n/v	**6.08^{A}**	4.36	-	-	-	-	-
Endosulfan I	µg/kg	2,400$_i^{A}$ 24,000$_i^{B}$ 102,000^{C}	n/v	1.76 U	1.79 U	-	-	-	-	-
Endosulfan II	µg/kg	2,400$_i^{A}$ 24,000$_i^{B}$ 102,000^{C}	n/v	1.76 U	1.79 U	-	-	-	-	-
Endosulfan Sulfate	µg/kg	2,400$_i^{A}$ 24,000$_i^{B}$ 1,000,000$_d^{C}$	n/v	0.732 U	0.745 U	-	-	-	-	-
Endrin	µg/kg	14^{A} 11,000^{B} 60^{C}	n/v	0.732 U	0.745 U	-	-	-	-	-
Endrin Aldehyde	µg/kg	100,000$_a^{A}$ 100,000$_b^{B}$ 1,000,000$_d^{C}$	n/v	2.20 U	2.24 U	-	-	-	-	-
Endrin Ketone	µg/kg	100,000$_a^{A}$ 100,000$_b^{B}$ 1,000,000$_d^{C}$	n/v	1.76 U	1.79 U	-	-	-	-	-
Heptachlor	µg/kg	42^{A} 2,100^{B} 380^{C}	n/v	0.879 U	0.894 U	-	-	-	-	-
Heptachlor Epoxide	µg/kg	100,000$_a^{A}$ 100,000$_b^{B}$ 1,000,000$_d^{C}$	20^{E}	3.30 U	3.35 U	-	-	-	-	-
Lindane (Hexachlorocyclohexane, gamma)	µg/kg	100^{AC} 1,300^{B}	n/v	0.732 U	0.745 U	-	-	-	-	-
Methoxychlor (4,4'-Methoxychlor)	µg/kg	100,000$_a^{A}$ 100,000$_b^{B}$ 1,000,000$_d^{C}$	900,000^{E}	3.30 U	3.35 U	-	-	-	-	-
1,4-Dioxane										
Dioxane, 1,4-	µg/kg	100$_m^{A}$ 13,000^{B} 100$_i^{C}$	n/v	28 UJ	28 U	-	-	-	-	-
Semi-Volatile Organic Compounds										
Acenaphthene	µg/kg	20,000^{A} 100,000$_h^{B}$ 98,000^{C}	n/v	150 U	150 U	-	-	-	-	-
Acenaphthylene	µg/kg	100,000$_a^{A}$ 100,000$_h^{B}$ 107,000^{C}	n/v	150 U	150 U	-	-	-	-	-
Acetophenone	µg/kg	100,000$_a^{A}$ 100,000$_b^{B}$ 1,000,000$_d^{C}$	n/v	190 U	190 U	-	-	-	-	-

Table 25
Summary of Analytical Results for Imported Topsoil
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location				CNL-TS1				CNL-TS2	CNL-TS3	CNL-TS4
Sample Date				5-Jun-23	5-Jun-23	5-Jun-23	5-Jun-23	5-Jun-23	5-Jun-23	5-Jun-23
Sample ID				CNL-TS1-C-S	CNL-DUP-C-S	CNL-TS1-D-S	CNL-DUP-D-S	CNL-TS2-D-S	CNL-TS3-D-S	CNL-TS4-D-S
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA
Laboratory Work Order				L2331291	L2331291	L2331290	L2331290	L2331290	L2331290	L2331290
Laboratory Sample ID				L2331291-01	L2331291-02	L2331290-01	L2331290-05	L2331290-02	L2331290-03	L2331290-04
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51		Field Duplicate		Field Duplicate			
Anthracene	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	110 U	110 U	-	-	-	-	-
Atrazine	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	150 U	150 U	-	-	-	-	-
Benzaldehyde	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	250 U	250 U	-	-	-	-	-
Benzo(a)anthracene	µg/kg	$1{,}000_h^A$ $1{,}000_g^{BC}$	n/v	52 J	45 J	-	-	-	-	-
Benzo(a)pyrene	µg/kg	$1{,}000_h^A$ $1{,}000_g^B$ $22{,}000^C$	n/v	60 J	50 J	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	$1{,}000_h^A$ $1{,}000_g^B$ $1{,}700^C$	n/v	80 J	63 J	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	$100{,}000^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	37 J	36 J	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	800_h^A $3{,}900^B$ $1{,}700^C$	n/v	110 U	110 U	-	-	-	-	-
Biphenyl	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	430 U	430 U	-	-	-	-	-
Bis(2-Chloroethoxy)methane	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	200 U	200 U	-	-	-	-	-
Bis(2-Chloroethyl)ether	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	170 U	170 U	-	-	-	-	-
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	230 U	220 U	-	-	-	-	-
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	$435{,}000^E$	190 U	190 U	-	-	-	-	-
Bromophenyl Phenyl Ether, 4-	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	190 U	190 U	-	-	-	-	-
Butyl Benzyl Phthalate	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	$122{,}000^E$	190 U	190 U	-	-	-	-	-
Caprolactam	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	190 U	190 U	-	-	-	-	-
Carbazole	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	190 U	190 U	-	-	-	-	-
Chloro-3-methyl phenol, 4-	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	190 U	190 U	-	-	-	-	-
Chloroaniline, 4-	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	220^E	190 U	190 U	-	-	-	-	-
Chloronaphthalene, 2-	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	190 U	190 U	-	-	-	-	-
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	190 U	190 U	-	-	-	-	-
Chlorophenyl Phenyl Ether, 4-	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	190 U	190 U	-	-	-	-	-
Chrysene	µg/kg	$1{,}000_h^A$ $3{,}900^B$ $1{,}000_g^C$	n/v	60 J	52 J	-	-	-	-	-
Cresol, m & p- (Methylphenol, 3&4-)	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	270 U	270 U	-	-	-	-	-
Cresol, o- (Methylphenol, 2-)	µg/kg	330_m^A $100{,}000_b^B$ 330_i^C	n/v	190 U	190 U	-	-	-	-	-
Dibenzo(a,h)anthracene	µg/kg	330_m^A 330_i^B $1{,}000{,}000_d^C$	n/v	110 U	110 U	-	-	-	-	-
Dibenzofuran	µg/kg	$7{,}000^A$ $59{,}000^B$ $210{,}000^C$	$6{,}200^E$	190 U	190 U	-	-	-	-	-
Dibutyl Phthalate (DBP)	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	$8{,}100^E$	190 U	190 U	-	-	-	-	-
Dichlorobenzidine, 3,3'-	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	190 U	190 U	-	-	-	-	-
Dichlorophenol, 2,4-	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	400^E	170 U	170 U	-	-	-	-	-
Diethyl Phthalate	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	$7{,}100^E$	190 U	190 U	-	-	-	-	-
Dimethyl Phthalate	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	$27{,}000^E$	190 U	190 U	-	-	-	-	-
Dimethylphenol, 2,4-	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	190 U	190 U	-	-	-	-	-
Dinitro-o-cresol, 4,6-	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	490 U	490 U	-	-	-	-	-
Dinitrophenol, 2,4-	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	200^E	900 U	900 U	-	-	-	-	-
Dinitrotoluene, 2,4-	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	190 U	190 U	-	-	-	-	-
Dinitrotoluene, 2,6-	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	$1{,}000/170_{n,s1}^E$	190 U	190 U	-	-	-	-	-
Di-n-Octyl phthalate	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	$120{,}000^E$	190 U	190 U	-	-	-	-	-
Fluoranthene	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	130	110	-	-	-	-	-
Fluorene	µg/kg	$30{,}000^A$ $100{,}000_b^B$ $386{,}000^C$	n/v	190 U	190 U	-	-	-	-	-
Hexachlorobenzene	µg/kg	330_m^A $1{,}200^B$ $3{,}200^C$	$1{,}400^E$	110 U	110 U	-	-	-	-	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	190 U	190 U	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	540 UJ	540 U	-	-	-	-	-
Hexachloroethane	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	150 U	150 U	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	500_n^A 500_q^B $8{,}200^C$	n/v	45 J	38 J	-	-	-	-	-
Isophorone	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	$4{,}400^E$	170 U	170 U	-	-	-	-	-
Methylnaphthalene, 2-	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	$36{,}400^E$	230 U	220 U	-	-	-	-	-
Naphthalene	µg/kg	$12{,}000^{AC}$ $100{,}000_b^B$	n/v	190 U	190 U	-	-	-	-	-
Nitroaniline, 2-	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	400^E	190 U	190 U	-	-	-	-	-
Nitroaniline, 3-	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	500^E	190 U	190 U	-	-	-	-	-
Nitroaniline, 4-	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	190 U	190 U	-	-	-	-	-
Nitrobenzene	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	$15{,}000^D$ 170_b^E	170 U	170 U	-	-	-	-	-
Nitrophenol, 2-	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	300^E	410 U	410 U	-	-	-	-	-
Nitrophenol, 4-	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	100^E	260 U	260 U	-	-	-	-	-
N-Nitrosodi-n-Propylamine	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	190 U	190 U	-	-	-	-	-
n-Nitrosodiphenylamine	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	150 U	150 U	-	-	-	-	-
Pentachlorophenol	µg/kg	800_m^A $6{,}700^B$ 800_i^C	n/v	150 U	150 U	-	-	-	-	-
Phenanthrene	µg/kg	$100{,}000^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	52 J	42 J	-	-	-	-	-
Phenol	µg/kg	330_m^A $100{,}000_b^B$ 330_i^C	n/v	190 U	190 U	-	-	-	-	-
Pyrene	µg/kg	$100{,}000^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	130	91 J	-	-	-	-	-
Tetrachlorobenzene, 1,2,4,5-	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	190 U	190 U	-	-	-	-	-
Tetrachlorophenol, 2,3,4,6-	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	190 U	190 U	-	-	-	-	-
Trichlorophenol, 2,4,5-	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	100^E	190 U	190 U	-	-	-	-	-
Trichlorophenol, 2,4,6-	µg/kg	$100{,}000_a^A$ $100{,}000_b^B$ $1{,}000{,}000_d^C$	n/v	110 U	110 U	-	-	-	-	-
SVOC TICs										
Total SVOC TICs	µg/kg	n/v	n/v	245 J	156 J	-	-	-	-	-

Table 25
Summary of Analytical Results for Imported Topsoil
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location				CNL-TS1				CNL-TS2	CNL-TS3	CNL-TS4
Sample Date				5-Jun-23	5-Jun-23	5-Jun-23	5-Jun-23	5-Jun-23	5-Jun-23	5-Jun-23
Sample ID				CNL-TS1-C-S	CNL-DUP-C-S	CNL-TS1-D-S	CNL-DUP-D-S	CNL-TS2-D-S	CNL-TS3-D-S	CNL-TS4-D-S
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA
Laboratory Work Order				L2331291	L2331291	L2331290	L2331290	L2331290	L2331290	L2331290
Laboratory Sample ID				L2331291-01	L2331291-02	L2331290-01	L2331290-05	L2331290-02	L2331290-03	L2331290-04
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51		Field Duplicate		Field Duplicate			

See notes on last page.

Table 25
Summary of Analytical Results for Imported Topsoil
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location				CNL-TS1				CNL-TS2	CNL-TS3	CNL-TS4
Sample Date				5-Jun-23	5-Jun-23	5-Jun-23	5-Jun-23	5-Jun-23	5-Jun-23	5-Jun-23
Sample ID				CNL-TS1-C-S	CNL-DUP-C-S	CNL-TS1-D-S	CNL-DUP-D-S	CNL-TS2-D-S	CNL-TS3-D-S	CNL-TS4-D-S
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA
Laboratory Work Order				L2331291	L2331291	L2331290	L2331290	L2331290	L2331290	L2331290
Laboratory Sample ID				L2331291-01	L2331291-02	L2331290-01	L2331290-05	L2331290-02	L2331290-03	L2331290-04
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51		Field Duplicate		Field Duplicate			
Per- and Polyfluoroalkyl Substances (PFAS)										
Perfluorobutanoic Acid (PFBA)	ng/g	n/v	n/v	0.125 J	0.127 J	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	ng/g	n/v	n/v	0.391 U	0.397 U	-	-	-	-	-
Perfluorobutane Sulfonate (PFBS)	ng/g	n/v	n/v	0.196 U	0.199 U	-	-	-	-	-
Perfluorohexane Sulfonate (4:2)	ng/g	n/v	n/v	0.782 U	0.795 U	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	ng/g	n/v	n/v	0.047 EMPC	0.199 U	-	-	-	-	-
Perfluoropentanesulfonic Acid (PFPeS)	ng/g	n/v	n/v	0.196 U	0.199 U	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	ng/g	n/v	n/v	0.070 J	0.056 J	-	-	-	-	-
Perfluorohexanesulfonic acid (PFHxS)	ng/g	n/v	n/v	0.196 U	0.199 U	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	ng/g	0.66^{A} 33^{B} 1.1^{C}	n/v	0.133 J	0.127 J	-	-	-	-	-
6:2 Fluorotelomer sulfonic acid	ng/g	n/v	n/v	0.782 U	0.795 U	-	-	-	-	-
Perfluoroheptane Sulfonate (PFHpS)	ng/g	n/v	n/v	0.196 U	0.199 U	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	ng/g	n/v	n/v	0.196 U	0.199 U	-	-	-	-	-
Perfluorooctane Sulfonate (PFOS)	ng/g	0.88^{A} 44^{B} 3.7^{C}	n/v	0.352	0.318	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	ng/g	n/v	n/v	0.196 U	0.199 U	-	-	-	-	-
8:2 Fluorotelomer sulfonic acid	ng/g	n/v	n/v	0.782 U	0.795 U	-	-	-	-	-
Perfluorononanesulfonic Acid (PFNS)	ng/g	n/v	n/v	0.196 U	0.199 U	-	-	-	-	-
N-methyl perfluorooctanesulfonamido acetic acid (NMeFOSAA)	ng/g	n/v	n/v	0.196 U	0.199 U	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	ng/g	n/v	n/v	0.196 U	0.199 U	-	-	-	-	-
Perfluorodecane Sulfonic Acid (PFDS)	ng/g	n/v	n/v	0.031 J	0.199 U	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	ng/g	n/v	n/v	0.196 U	0.199 U	-	-	-	-	-
N-ethyl perfluorooctanesulfonamido acetic acid (NEtFOSAA)	ng/g	n/v	n/v	0.196 U	0.199 U	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	ng/g	n/v	n/v	0.196 U	0.199 U	-	-	-	-	-
Perfluorotridecanoic Acid (PFTriA)	ng/g	n/v	n/v	0.196 U	0.199 U	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeA)	ng/g	n/v	n/v	0.196 U	0.199 U	-	-	-	-	-
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ng/g	n/v	n/v	0.782 U	0.795 U	-	-	-	-	-
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	ng/g	n/v	n/v	0.782 U	0.795 U	-	-	-	-	-
Perfluorododecanesulfonic acid (PFDoS)	ng/g	n/v	n/v	0.196 U	0.199 U	-	-	-	-	-
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	ng/g	n/v	n/v	0.782 U	0.795 U	-	-	-	-	-
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	ng/g	n/v	n/v	0.782 U	0.795 U	-	-	-	-	-
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ng/g	n/v	n/v	0.196 U	0.199 U	-	-	-	-	-
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ng/g	n/v	n/v	0.196 U	0.199 U	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ng/g	n/v	n/v	1.96 U	1.99 U	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ng/g	n/v	n/v	1.96 U	1.99 U	-	-	-	-	-
Perfluoro-3-methoxypropanoic acid (PFECA F)	ng/g	n/v	n/v	0.391 U	0.397 U	-	-	-	-	-
Perfluoro(4-methoxybutanoic) acid (PFECA A)	ng/g	n/v	n/v	0.391 U	0.397 U	-	-	-	-	-
Perfluoro(2-Ethoxyethane) Sulfonic Acid	ng/g	n/v	n/v	0.391 U	0.397 U	-	-	-	-	-
Perfluoro-3,6-dioxaheptanoic acid (PFECA B)	ng/g	n/v	n/v	0.391 U	0.397 U	-	-	-	-	-
FPrPA (3:3 FTCA)	ng/g	n/v	n/v	0.978 U	0.993 U	-	-	-	-	-
FPePA (5:3 FTCA)	ng/g	n/v	n/v	4.89 U	4.97 U	-	-	-	-	-
FHpPA (7:3 FTCA)	ng/g	n/v	n/v	4.89 U	4.97 U	-	-	-	-	-
Volatile Organic Compounds										
Acetone	µg/kg	50^{AC} $100{,}000_{b}^{B}$	n/v	-	-	11 U	11 U	11 U	11 U	11 U
Benzene	µg/kg	60^{AC} $4{,}800^{B}$	n/v	-	-	0.56 U	0.56 U	0.55 U	0.53 U	0.54 U
Bromodichloromethane	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	-	-	0.56 U	0.56 U	0.55 U	0.53 U	0.54 U
Bromoform (Tribromomethane)	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	-	-	4.5 U	4.4 U	4.4 U	4.2 U	4.4 U
Bromomethane (Methyl bromide)	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	-	-	2.2 U	2.2 U	2.2 U	2.1 U	2.2 U
Butylbenzene, n-	µg/kg	$12{,}000^{AC}$ $100{,}000_{b}^{B}$	n/v	-	-	1.1 U	1.1 U	1.1 UJ	1.1 U	1.1 U
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	$11{,}000^{AC}$ $100{,}000_{b}^{B}$	n/v	-	-	1.1 U	1.1 U	1.1 UJ	1.1 U	1.1 U
Butylbenzene, tert-	µg/kg	$5{,}900^{AC}$ $100{,}000_{b}^{B}$	n/v	-	-	2.2 U	2.2 U	2.2 U	2.1 U	2.2 U
Carbon Disulfide	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	$2{,}700^{E}$	-	-	11 U	11 U	11 U	11 U	11 U
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760^{AC} $2{,}400^{B}$	n/v	-	-	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Chlorobenzene (Monochlorobenzene)	µg/kg	$1{,}100^{AC}$ $100{,}000_{b}^{B}$	n/v	-	-	0.56 U	0.56 U	0.55 U	0.53 U	0.54 U
Chloroethane (Ethyl Chloride)	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	$1{,}900^{E}$	-	-	2.2 U	2.2 U	2.2 U	2.1 U	2.2 U
Chloroform (Trichloromethane)	µg/kg	370^{AC} $49{,}000^{B}$	n/v	-	-	1.7 U	1.7 U	1.6 U	1.6 U	1.6 U
Chloromethane	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	-	-	4.5 U	4.4 U	4.4 U	4.2 U	4.4 U
Cyclohexane	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	-	-	11 U	11 U	11 U	11 U	11 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	-	-	3.4 U	3.3 U	3.3 U	3.2 U	3.3 U
Dibromochloromethane	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	-	-	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Dichlorobenzene, 1,2-	µg/kg	$1{,}100^{AC}$ $100{,}000_{b}^{B}$	n/v	-	-	2.2 U	2.2 U	2.2 UJ	2.1 U	2.2 U
Dichlorobenzene, 1,3-	µg/kg	$2{,}400^{AC}$ $49{,}000^{B}$	n/v	-	-	2.2 U	2.2 U	2.2 UJ	2.1 U	2.2 U
Dichlorobenzene, 1,4-	µg/kg	$1{,}800^{AC}$ $13{,}000^{B}$	n/v	-	-	2.2 U	2.2 U	2.2 UJ	2.1 U	2.2 U
Dichlorodifluoromethane (Freon 12)	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	-	-	11 U	11 U	11 U	11 U	11 U
Dichloroethane, 1,1-	µg/kg	270^{AC} $26{,}000^{B}$	n/v	-	-	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Dichloroethane, 1,2-	µg/kg	20_{m}^{A} $3{,}100^{B}$ 20_{g}^{C}	n/v	-	-	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Dichloroethene, 1,1-	µg/kg	330^{AC} $100{,}000_{b}^{B}$	n/v	-	-	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Dichloroethene, cis-1,2-	µg/kg	250^{AC} $100{,}000_{b}^{B}$	n/v	-	-	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Dichloroethene, trans-1,2-	µg/kg	190^{AC} $100{,}000_{b}^{B}$	n/v	-	-	1.7 U	1.7 U	1.6 U	1.6 U	1.6 U
Dichloropropane, 1,2-	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	-	-	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Dichloropropene, cis-1,3-	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	-	-	0.56 U	0.56 U	0.55 U	0.53 U	0.54 U
Dichloropropene, trans-1,3-	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	-	-	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Ethylbenzene	µg/kg	$1{,}000^{AC}$ $41{,}000^{B}$	n/v	-	-	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	-	-	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	$100{,}000_{a}^{A}$ $100{,}000_{b}^{B}$ $1{,}000{,}000_{d}^{C}$	n/v	-	-	11 U	11 U	11 UJ	11 U	11 U

Table 25
Summary of Analytical Results for Imported Topsoil
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location				CNL-TS1				CNL-TS2	CNL-TS3	CNL-TS4
Sample Date				5-Jun-23	5-Jun-23	5-Jun-23	5-Jun-23	5-Jun-23	5-Jun-23	5-Jun-23
Sample ID				CNL-TS1-C-S	CNL-DUP-C-S	CNL-TS1-D-S	CNL-DUP-D-S	CNL-TS2-D-S	CNL-TS3-D-S	CNL-TS4-D-S
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA
Laboratory Work Order				L2331291	L2331291	L2331290	L2331290	L2331290	L2331290	L2331290
Laboratory Sample ID				L2331291-01	L2331291-02	L2331290-01	L2331290-05	L2331290-02	L2331290-03	L2331290-04
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51		Field Duplicate		Field Duplicate			
Isopropylbenzene	µg/kg	100,000$_a^A$ 100,000$_b^B$ 1,000,000$_d^C$	2,300^E	-	-	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Isopropyltoluene, p- (Cymene)	µg/kg	100,000$_a^A$ 100,000$_b^B$ 1,000,000$_d^C$	10,000^E	-	-	1.1 U	1.1 U	1.1 UJ	1.1 U	1.1 U
Methyl Acetate	µg/kg	100,000$_a^A$ 100,000$_b^B$ 1,000,000$_d^C$	n/v	-	-	4.5 U	4.4 U	4.4 U	4.2 U	4.4 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	120^{AC} 100,000$_b^B$	300^E	-	-	11 U	11 U	11 UJ	11 U	11 U
Methyl Isobutyl Ketone (MIBK)	µg/kg	100,000$_a^A$ 100,000$_b^B$ 1,000,000$_d^C$	1,000^E	-	-	11 U	11 U	11 U	11 U	11 U
Methyl tert-butyl ether (MTBE)	µg/kg	930^{AC} 100,000$_b^B$	n/v	-	-	2.2 U	2.2 U	2.2 U	2.1 U	2.2 U
Methylcyclohexane	µg/kg	100,000$_a^A$ 100,000$_b^B$ 1,000,000$_d^C$	n/v	-	-	4.5 U	4.4 U	4.4 U	4.2 U	4.4 U
Methylene Chloride (Dichloromethane)	µg/kg	50^{AC} 100,000$_b^B$	n/v	-	-	5.6 U	5.6 U	5.5 U	5.3 U	5.4 U
Naphthalene	µg/kg	12,000^{AC} 100,000$_b^B$	n/v	-	-	4.5 U	4.4 U	4.4 UJ	4.2 U	4.4 U
Propylbenzene, n-	µg/kg	3,900^{AC} 100,000$_b^B$	n/v	-	-	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Styrene	µg/kg	100,000$_a^A$ 100,000$_b^B$ 1,000,000$_d^C$	n/v	-	-	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Tetrachloroethane, 1,1,2,2-	µg/kg	100,000$_a^A$ 100,000$_b^B$ 1,000,000$_d^C$	600^E	-	-	0.56 U	0.56 U	0.55 U	0.53 U	0.54 U
Tetrachloroethene (PCE)	µg/kg	1,300^{AC} 19,000^B	n/v	-	-	0.56 U	0.56 U	0.55 U	0.53 U	0.54 U
Toluene	µg/kg	700^{AC} 100,000$_b^B$	n/v	-	-	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Trichlorobenzene, 1,2,4-	µg/kg	100,000$_a^A$ 100,000$_b^B$ 1,000,000$_d^C$	3,400^E	-	-	2.2 U	2.2 U	2.2 UJ	2.1 U	2.2 U
Trichloroethane, 1,1,1-	µg/kg	680^{AC} 100,000$_b^B$	n/v	-	-	0.56 U	0.56 U	0.55 U	0.53 U	0.54 U
Trichloroethane, 1,1,2-	µg/kg	100,000$_a^A$ 100,000$_b^B$ 1,000,000$_d^C$	n/v	-	-	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Trichloroethene (TCE)	µg/kg	470^{AC} 21,000^B	n/v	-	-	0.56 U	0.56 U	0.55 U	0.53 U	0.54 U
Trichlorofluoromethane (Freon 11)	µg/kg	100,000$_a^A$ 100,000$_b^B$ 1,000,000$_d^C$	n/v	-	-	4.5 U	4.4 U	4.4 U	4.2 U	4.4 U
Trichlorotrifluoroethane (Freon 113)	µg/kg	100,000$_a^A$ 100,000$_b^B$ 1,000,000$_d^C$	6,000^E	-	-	4.5 U	4.4 U	4.4 U	4.2 U	4.4 U
Trimethylbenzene, 1,2,4-	µg/kg	3,600^{AC} 52,000^B	n/v	-	-	2.2 U	2.2 U	2.2 UJ	2.1 U	2.2 U
Trimethylbenzene, 1,3,5-	µg/kg	8,400^{AC} 52,000^B	n/v	-	-	2.2 U	2.2 U	2.2 U	2.1 U	2.2 U
Vinyl Chloride	µg/kg	20^{AC} 900^B	n/v	-	-	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
Xylene, m & p-	µg/kg	260$_p^A$ 100,000$_{b,p}^B$ 1,600$_b^C$	n/v	-	-	2.2 U	2.2 U	2.2 U	2.1 U	2.2 U
Xylene, o-	µg/kg	260$_p^A$ 100,000$_{b,p}^B$ 1,600$_b^C$	n/v	-	-	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
VOC TICs										
Total VOC TICs	µg/kg	n/v	n/v	-	-	6.05 J	5.88 J	5.84 J	9.40 J	5.56 J

Notes:

NYSDEC-Part 375	NYSDEC 6 NYCRR Part 375 Soil Clean-up Objectives (SCOs)
^{A}	NYSDEC 6 NYCRR Part 375 - Unrestricted Use Soil Cleanup Objectives
^{B}	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Human Health - Restricted Residential
^{C}	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Groundwater
NYSDEC CP-51	New York State Department of Environmental Conservation, DEC Policy CP-51, October 21, 2010
^{D}	Table 1 Supplemental Soil Cleanup Objectives - Restricted Residential
^{E}	Table 1 Supplemental Soil Cleanup Objectives - Protection of Groundwater
6.5^A	Concentration exceeds the indicated standard.
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.
$_a^A$	The SCOs for unrestricted use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3
$_a^E$	SCOs for organic contaminants (volatile organic compounds, semivolatile organic compounds, and pesticides) are capped at 100 ppm for residential use, 500 ppm for commercial use, 1000 ppm for industrial use. SCOs for metals are capped at 10,000 ppm.
$_b^B$	The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3.
$_b^E$	Based on rural background study
b,p	The SCOs for residential, restricted-residential and ecological resources use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3. The criterion is applicable to total xylenes, and the individual isomers should be added for comparison.
b,s1	Based on rural background study. The value of 1.0 refers to SVOC analses while the 0.17b refers to VOC analyses.
d	The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 mg/kg (Organics) and 10000 mg/kg (Inorganics). See 6 NYCRR Part 375 TSD Section 9.3.
e	The SCOS for metals were capped at a maximum value of 10,000 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3.
f	For constituents where the calculated SCO was lower than the CRQL, the CRQL is used as the SCO value.
g	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
i	The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.
j	This SCO is the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
k	This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts). See 6 NYCRR Part 375 TSD Table 5.6-1.
m	For constituents where the calculated SCO was lower than the Contract Required Quantitation Limit (CRQL), the CRQL is used as the Track 1 SCO value.
n	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.
n,i	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site. The SCO for this specific compound (or family of compounds) is considered to be met if the analysis for the total species of this contaminant is below the specific SCO.
NS,q	No SCO has been established for this compound. No SCO has been established for total chromium; however, see standards for trivalent and hexavalent chromium.
o	Standard is applicable to total PCBs, and the individual Aroclors should be added for comparison.
p	The criterion is applicable to total xylenes, and the individual isomers should be added for comparison.
EMPC	Estimated Maximum Possible Concentration
J	The reported result is an estimated value.
UJ	Indicates estimated non-detect.
ALPHA	Alpha Scientific Corp

Table 25
Summary of Analytical Results for Imported Topsoil
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

Sample Location				CNL-TS1				CNL-TS2	CNL-TS3	CNL-TS4
Sample Date				5-Jun-23	5-Jun-23	5-Jun-23	5-Jun-23	5-Jun-23	5-Jun-23	5-Jun-23
Sample ID				CNL-TS1-C-S	CNL-DUP-C-S	CNL-TS1-D-S	CNL-DUP-D-S	CNL-TS2-D-S	CNL-TS3-D-S	CNL-TS4-D-S
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA	ALPHA
Laboratory Work Order				L2331291	L2331291	L2331290	L2331290	L2331290	L2331290	L2331290
Laboratory Sample ID				L2331291-01	L2331291-02	L2331290-01	L2331290-05	L2331290-02	L2331290-03	L2331290-04
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51		Field Duplicate		Field Duplicate			

Table 26
Summary of Remedial Action Samples - Liquid
Final Engineering Report (FER)
67 - 89 Canal Street, Rochester, New York
BCP Site #C828206

										Analysis Completed									
Sample Location	**Location Purpose**	**Matrix**	**Sample ID**	**Sample Date**	**Locaiton of Quality Control Sample**	**Parent Sample**	**Sampling Company**	**Laboratory**	**Laboratory Sample Delivery Group**	**pH**	**Nitrate, Nitrite, and Sulfate**	**Total Organic Carbon**	**Metals**	**PCB**	**Pesticides**	**SVOC**	**SVOC - TICs**	**VOC**	**VOC - TICs**
MW-104R	Groundwater - 1st Quarterly Monitoring Round	Groundwater	CNL-MW104R-W	6/27/2023			STANTEC	ALPHA	L2336825	X	X					X	X	X	X
MW-106R	Groundwater - 1st Quarterly Monitoring Round	Groundwater	CNL-MW106R-W	6/26/2023			STANTEC	ALPHA	L2336550	X	X					X	X	X	X
B/MW-110	Groundwater - 1st Quarterly Monitoring Round	Groundwater	CNL-MW110-W	6/28/2023			STANTEC	ALPHA	L2337095	X								X	X
MW-112R	Groundwater - 1st Quarterly Monitoring Round	Groundwater	CNL-MW112R-W	6/27/2023			STANTEC	ALPHA	L2336825	X		X	X					X	X
MW-114R	Groundwater - 1st Quarterly Monitoring Round	Groundwater	CNL-MW114R-W	6/27/2023			STANTEC	ALPHA	L2336825	X	X		X					X	X
MW-115	Groundwater - 1st Quarterly Monitoring Round	Groundwater	CNL-MW115-W	6/27/2023			STANTEC	ALPHA	L2336825	X	X					X	X	X	X
MW-115	Groundwater - 1st Quarterly Monitoring Round	Groundwater	CNL-FD-W	6/27/2023	Field Duplicate	CNL-MW115-W	STANTEC	ALPHA	L2336825	X	X					X	X	X	X
CNL-FRACTANK1	Waste Characterization - Frac Tank 1	Wastewater	CNL - FracTank1-W	12/12/2022			STANTEC	PARAROCH	225906	X			X	X	X			X	
CNL-FRACTANK1-2	Waste Characterization - Frac Tank 1	Wastewater	CNL-FracTank1-W-2	12/19/2022			STANTEC	PARAROCH	226005	X						X		X	
CNL-FRACTANK2	Waste Characterization - Frac Tank Supplemental	Wastewater	CNL-FracTank2-W	1/24/2023			STANTEC	PARAROCH	230292	X			X	X	X	X		X	
CNL-FRACTANK2-1	Waste Characterization - Frac Tank 2	Wastewater	CNL-FracTank2-1-W	4/10/2023			STANTEC	PARAROCH	231382	X			X	X	X	X		X	
CNL-FRACTANK2-2	Waste Characterization - Frac Tank 2	Wastewater	CNL-FracTank2-2-W	5/12/2023			STANTEC	PARAROCH	232013	X			X	X	X				
CNL-FRACTANK2-2	Waste Characterization - Frac Tank 2	Wastewater	CNL-FracTank2-20230509-W	5/9/2023			STANTEC	PARAROCH	231925	X						X		X	
CNL-FRACTANK3	Waste Characterization - Frac Tank	Wastewater	CNL-FracTank3-W	3/7/2023			STANTEC	PARAROCH	230860	X			X	X	X	X		X	
IW4	Groundwater - 1st Quarterly Monitoring Round	Groundwater	CNL-IW4-W	6/26/2023			STANTEC	ALPHA	L2336550	X	X							X	X
IW11	Groundwater - 1st Quarterly Monitoring Round	Groundwater	CNL-IW11-W	6/26/2023			STANTEC	ALPHA	L2336550	X	X							X	X
IW14	Groundwater - 1st Quarterly Monitoring Round	Groundwater	CNL-IW14-W	6/27/2023			STANTEC	ALPHA	L2336825	X	X	X	X					X	X
TRIP BLANK	Groundwater - 1st Quarterly Monitoring Round	Groundwater	CNL-TB1-W	6/26/2023	Trip Blank		STANTEC	ALPHA	L2336550									X	X
TRIP BLANK	Groundwater - 1st Quarterly Monitoring Round	Groundwater	CNL-TB2-W	6/27/2023	Trip Blank		STANTEC	ALPHA	L2336825									X	X
TRIP BLANK	Groundwater - 1st Quarterly Monitoring Round	Groundwater	CNL-TB3-W	6/28/2023	Trip Blank		STANTEC	ALPHA	L2337095									X	X
TRIP BLANK	Groundwater - 2nd Quarterly Monitoring Round	Groundwater	CNL-TB1-W	9/27/2023	Trip Blank		STANTEC	ALPHA	L2356876									X	X
MW-115	Groundwater - 2nd Quarterly Monitoring Round	Groundwater	CNL-MW115-W	9/27/2023			STANTEC	ALPHA	L2356876	X	X					X	X	X	X
B/MW-110	Groundwater - 2nd Quarterly Monitoring Round	Groundwater	CNL-MW110-W	9/28/2023			STANTEC	ALPHA	L2357204	X								X	X
MW-112R	Groundwater - 2nd Quarterly Monitoring Round	Groundwater	CNL-MW112R-W	9/28/2023			STANTEC	ALPHA	L2357204	X		X	X					X	X
IW11	Groundwater - 2nd Quarterly Monitoring Round	Groundwater	CNL-IW11-W	9/28/2023			STANTEC	ALPHA	L2357204	X	X							X	X
IW14	Groundwater - 2nd Quarterly Monitoring Round	Groundwater	CNL-IW14-W	9/28/2023			STANTEC	ALPHA	L2357204	X	X	X	X					X	X
TRIP BLANK	Groundwater - 2nd Quarterly Monitoring Round	Groundwater	CNL-TB2-W	9/28/2023	Trip Blank		STANTEC	ALPHA	L2357204									X	X
MW-104R	Groundwater - 2nd Quarterly Monitoring Round	Groundwater	CNL-MW104R-W	9/29/2023			STANTEC	ALPHA	L2357541	X	X					X	X	X	X
MW-106R	Groundwater - 2nd Quarterly Monitoring Round	Groundwater	CNL-MW106R-W	9/29/2023			STANTEC	ALPHA	L2357541	X	X					X	X	X	X
MW-114R	Groundwater - 2nd Quarterly Monitoring Round	Groundwater	CNL-MW114R-W	9/29/2023			STANTEC	ALPHA	L2357541	X		X	X					X	X
MW-106R	Groundwater - 2nd Quarterly Monitoring Round	Groundwater	CNL-FD-W	9/29/2023		CNL-MW-106R	STANTEC	ALPHA	L2357541	X	X					X	X	X	X
IW4	Groundwater - 2nd Quarterly Monitoring Round	Groundwater	CNL-IW4-W	9/29/2023			STANTEC	ALPHA	L2357541	X	X	X	X					X	X
TRIP BLANK	Groundwater - 2nd Quarterly Monitoring Round	Groundwater	CNL-TB3-W	9/29/2023	Trip Blank		STANTEC	ALPHA	L2357541									X	X

Notes and Abbreviations:

ALPHA	Alpha Scientific Corp
PARAROCH	Paradigm Environmental Services, Inc.
PCB	Polychlorinated Biphenyls
STANTEC	Stantec Consulting Services Inc.
SVOC	Semi-volatile organic compound
TCLP	Toxicity Characteristic Leaching Procedure
TIC	Tentatively Identified Compounds
VOC	Volatile organic compound

FIGURES

\\Us0275-ppfss01\shared_projects\190500965\05_report_deliv\dwgs_design\GIS_figures\14-FER\mxd\fig 1 project site map.mxd Revised: 2024-01-29 By: akita





Legend

- Site Boundary
- 1/2-mile Site Radius

0 1,000 2,000 Feet

1:12,000 (at original document size of 8.5x11)

Notes

1. Coordinate System: NAD 1983 StatePlane New York West FIPS 3103 Feet
2. ArcGIS Basemaps: USA Topo Maps (main frame) and World Street Map (key map).
3. *The City of Rochester ROW has to become part of the Canal Street Site upon abandonment by the City of Rochester and submission and acceptance of a NYSDEC BCP Amendment application.
4. Revised Site Boundary 9-14-2021, City ROW revised form Site Boundary

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.

Stantec

190500965

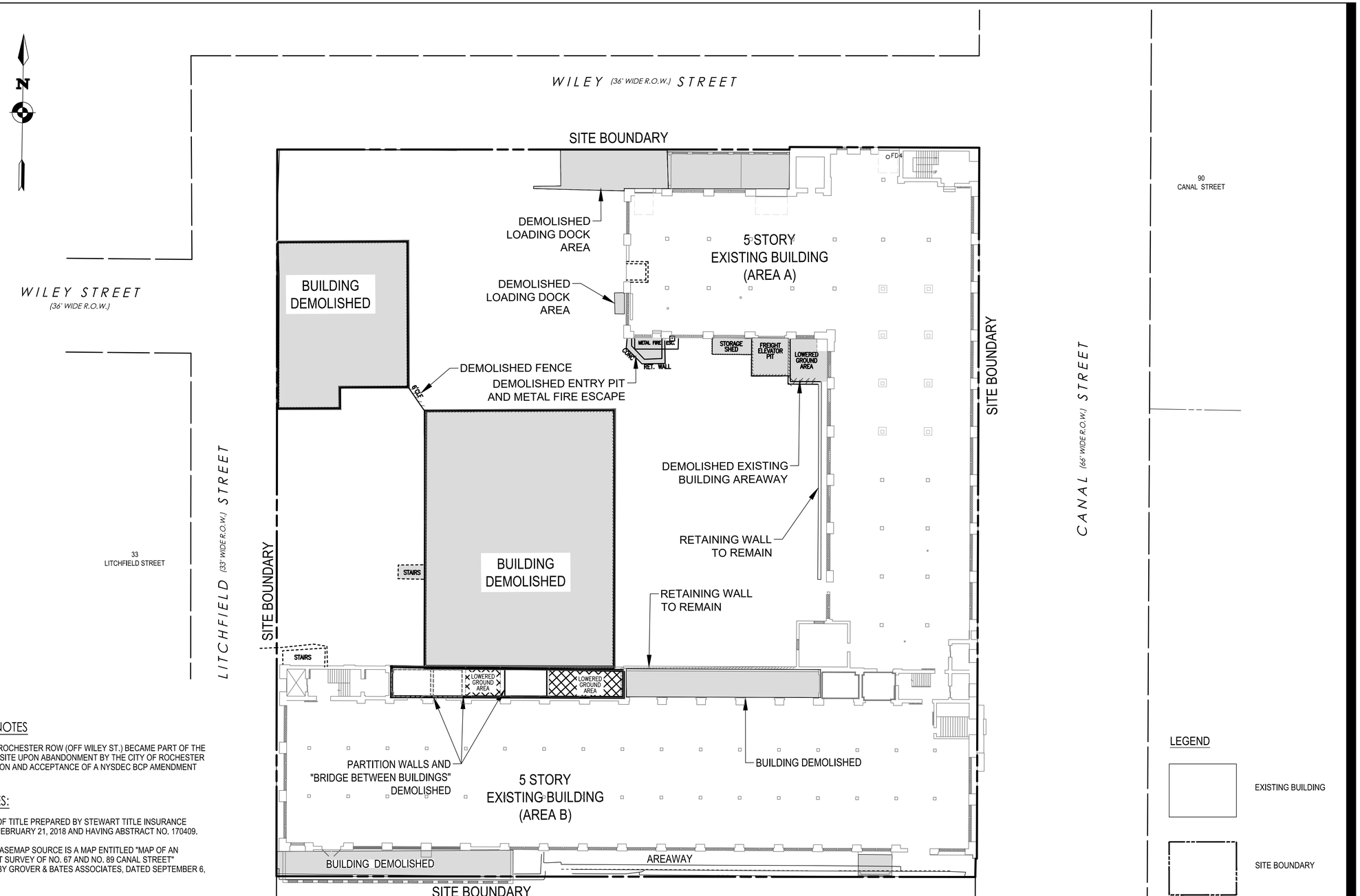
Project Location
67 - 89 Canal Street
City of Rochester,
Monroe Co., NY 14608

Prepared by APL on 2023-10-30
Technical Review by RM/LB on 2023-10-30
Independent Review by GF on 2023-12-28

Client/Project
East House Canal Street LLC
Canal St. Manufacturing Site
Final Engineering Report (FER) BCP Site No. C828206

Figure No.
1

Title
Project Site Map



GENERAL NOTES

1. THE CITY OF ROCHESTER ROW (OFF WILEY ST.) BECAME PART OF THE CANAL STREET SITE UPON ABANDONMENT BY THE CITY OF ROCHESTER AND SUBMISSION AND ACCEPTANCE OF A NYSDEC BCP AMENDMENT APPLICATION.

REFERENCES:

1. ABSTRACT OF TITLE PREPARED BY STEWART TITLE INSURANCE COMPANY, FEBRUARY 21, 2018 AND HAVING ABSTRACT NO. 170409.
2. SITE PLAN BASEMAP SOURCE IS A MAP ENTITLED "MAP OF AN INSTRUMENT SURVEY OF NO. 67 AND NO. 89 CANAL STREET" PREPARED BY GROVER & BATES ASSOCIATES, DATED SEPTEMBER 6, 2011.

SURVEY NOTES:

1. THIS SURVEY IS REFERENCED TO THE ROCHESTER CITY VERTICAL DATUM THROUGH TIES TO MONUMENT USC&GS "KING". RCS ELEVATION 522.99.
2. THE PREMISES LIE IN FLOOD ZONE X, "AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN" PER THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S FLOOD INSURANCE RATE MAPS NO. 36055C0194G AND NO. 36055C0213G FOR COMMUNITY NO. 360431, CITY OF ROCHESTER, MONROE COUNTY, NEW YORK WITH AN EFFECTIVE DATE OF AUGUST 28, 2008.
3. UNDERGROUND UTILITIES SHOWN HEREON WERE PLOTTED FROM A COMBINATION OF FIELD LOCATIONS AND UTILITY COMPANY RECORD MAPPING. THE LOCATIONS OF THESE UNDERGROUND UTILITIES CAN NOT BE GUARANTEED TO BE COMPLETE OR CORRECT. THE LOCATIONS OF ALL UNDERGROUND UTILITIES SHOULD BE STAKED BY THE RESPECTIVE UTILITY COMPANY PRIOR TO ANY CONSTRUCTION.

LEGEND

EXISTING BUILDING

SITE BOUNDARY

AREAS OF DEMOLITION

0 20 40 60

SCALE IN FEET

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

Notes

Revision	By	Appd.	YY.MM.DD
FINAL ENGINEERING REPORT	APL	DH/RA	23.12.22

Issued	By	Appd.	YY.MM.DD

File Name: Figure 2 Site Layout Map_r.dwg	Dwn.	Chkd.	Dsgn.	YY.MM.DD
	APL	DH/RA	RM/LB	19.07

Permit-Seal

Client/Project

EAST HOUSE CANAL STREET LLC
CANAL STREET MANUFACTURING SITE

FINAL ENGINEERING REPORT (FER)
BCP SITE NO. C828206

67 - 89 CANAL STREET, ROCHESTER, NY

Title

Site Layout Map

Project No. 190500965

Scale AS SHOWN

Drawing No.

FIGURE 2

\\US025-FPFS01\shared_projects\190500965\05_report_deliv\dwgs_design\GIS_figures\14-FER\cad\Figure 2 Site Layout Map_r.dwg
2024/01/29 1:31 PM By: Loss, Andy

ORIGINAL SHEET - ANSI D



LEGEND

WC-25	⊗	WASTE CHARACTERIZATION BORINGS (RAWP)
MW-02	⊗	MONITORING WELLS (RI/RAWP)
MW-114	⊗	MONITORING WELLS REMOVED / DAMAGED AND ABANDON (RI/RAWP)
MW-114 (R)	⊗	MONITORING WELLS /INJECTION WELLS (RAWP) REPLACEMENT/ REDRILLED WELL
IW- 14	⊗	INJECTION WELLS (RAWP)
B-127	⊕	BORINGS (RI 2018)
MW-9	●	PREVIOUSLY INSTALLED OFF-SITE WELL (RGE MGP SITE OR NEIGHBORING SITES)
GP-05	⊕	PREVIOUSLY INSTALLED ON-SITE OVERBURDEN WELL (LABELLA PHASE II)
TP-03	⊕	TEST PITS (RI 2019)

0 20 40 60

SCALE IN FEET

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

Notes

Revision	By	Appd.	YY.MM.DD
FINAL ENGINEERING REPORT	APL	DH/RA	23.12.22
Issued	By	Appd.	YY.MM.DD

File Name: Figure 3 Investigation And Sample Locations.dwg	APL	DH/RA	RM/LB	19.07
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project

EAST HOUSE CANAL STREET LLC
CANAL STREET MANUFACTURING SITE

FINAL ENGINEERING REPORT (FER)
BCP SITE NO. C828206
67 - 89 CANAL STREET, ROCHESTER, NY

Title

Investigation and Sample Locations

Project No. 190500965

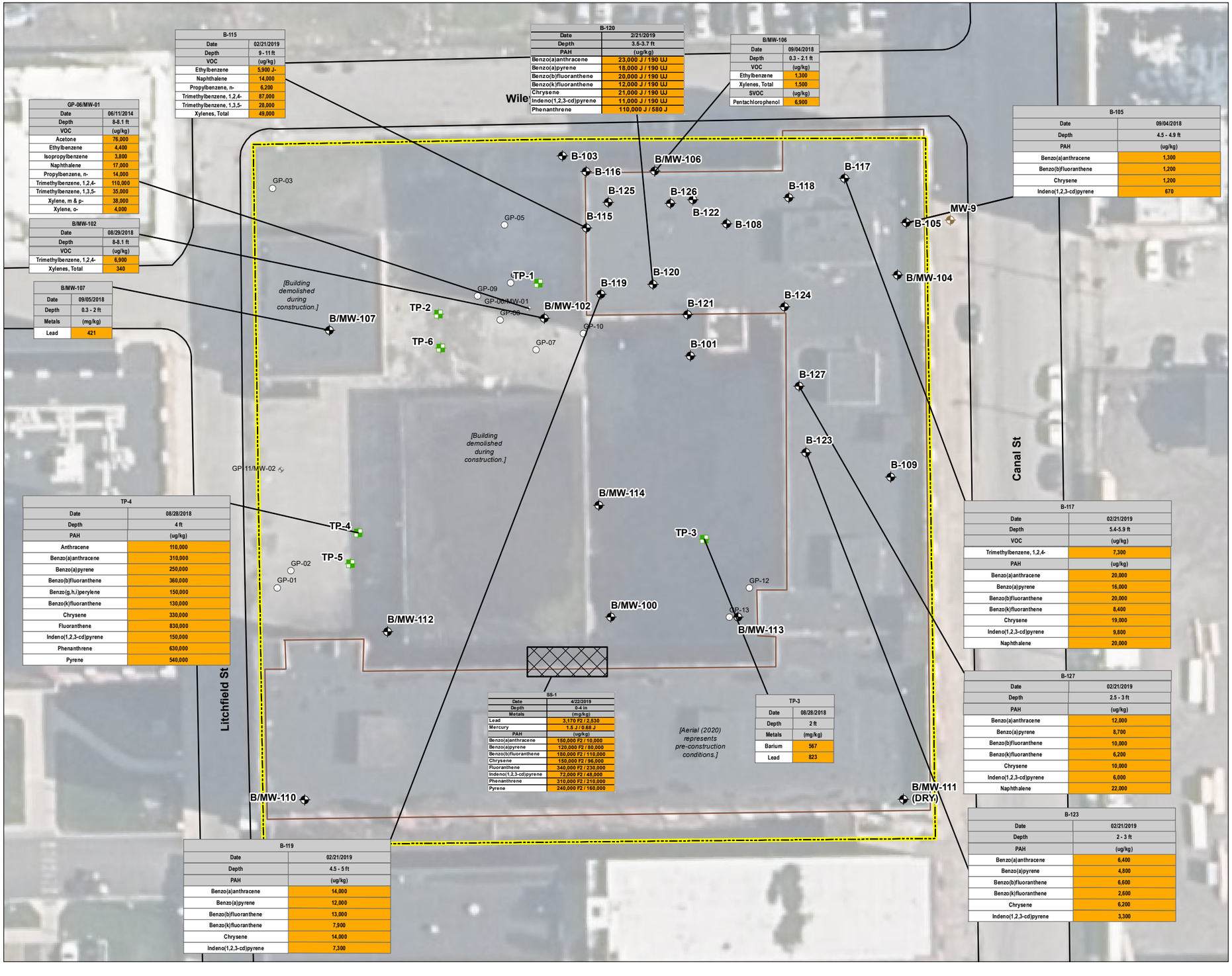
Scale AS SHOWN

Drawing No.

FIGURE 3

\\US0275-PPFS01\drivered_projects\190500965\GIS_report_deliv\dwgs_design\GIS_figures\1-4-FER\cad\Figure 3 Investigation And Sample Locations.dwg
2024/01/29 1:33 PM By: Lotz, Andy

ORIGINAL SHEET - ANSI D



Stantec

Legend

- Prior On-Site Investigation Location (LaBella Phase II ESA, 2014) - Soil Boring
- Prior On-Site Investigation Location (LaBella Phase II ESA, 2014) - Soil Boring/Monitoring Well
- Previously Installed Off-Site Well (RG&E MGP Site)
- 2018/2019 Remedial Investigation Soil Boring/Monitoring Well
- 2019 Remedial Investigation Test Pit
- Street Edge of Pavement
- Approximate Existing Building Boundary
- Site Boundary
- Approximate Surface Soil Composite Sample Location

N

0 30 60 Feet

(At original document size of 11x17)
1:480

Notes:
1. Coordinate System: NAD 1983 State Plane New York West FIPS 3103 Feet.
2. Data Sources: Monroe County GIS.
3. Background: Aerial (Spring 2020) obtained from http://orthos.its.ny.gov/arcgis/services.
4. Key Map basemap: ArcGIS World Street Map.
5. Monitoring well locations included in post-monitoring program were surveyed by Stantec; all other locations should be considered approximate.
6. This figure depicts compounds with identified exceedances of NYSDEC Standards and Guidance Values (SGVs). Results with concentrations exceeding the NYSDEC SGVs are shaded in orange. Duplicate results are indicated with a ("/").
7. Abbreviations:
mg/kg = milligrams per kilogram
ug/kg = micrograms per kilogram
PAH = polycyclic aromatic hydrocarbons
VOC = volatile organic compounds
U = Indicates that the analyte was analyzed but not detected
J = The reported result is an estimated value
J- = The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.



Project Location
67-89 Canal Street
C. of Rochester, Monroe Co., NY 14608

Prepared by AK on 2023-10-26
Technical Review by LB/RM on 2023-12-14
Independent Review by XX on 2023-10-XX

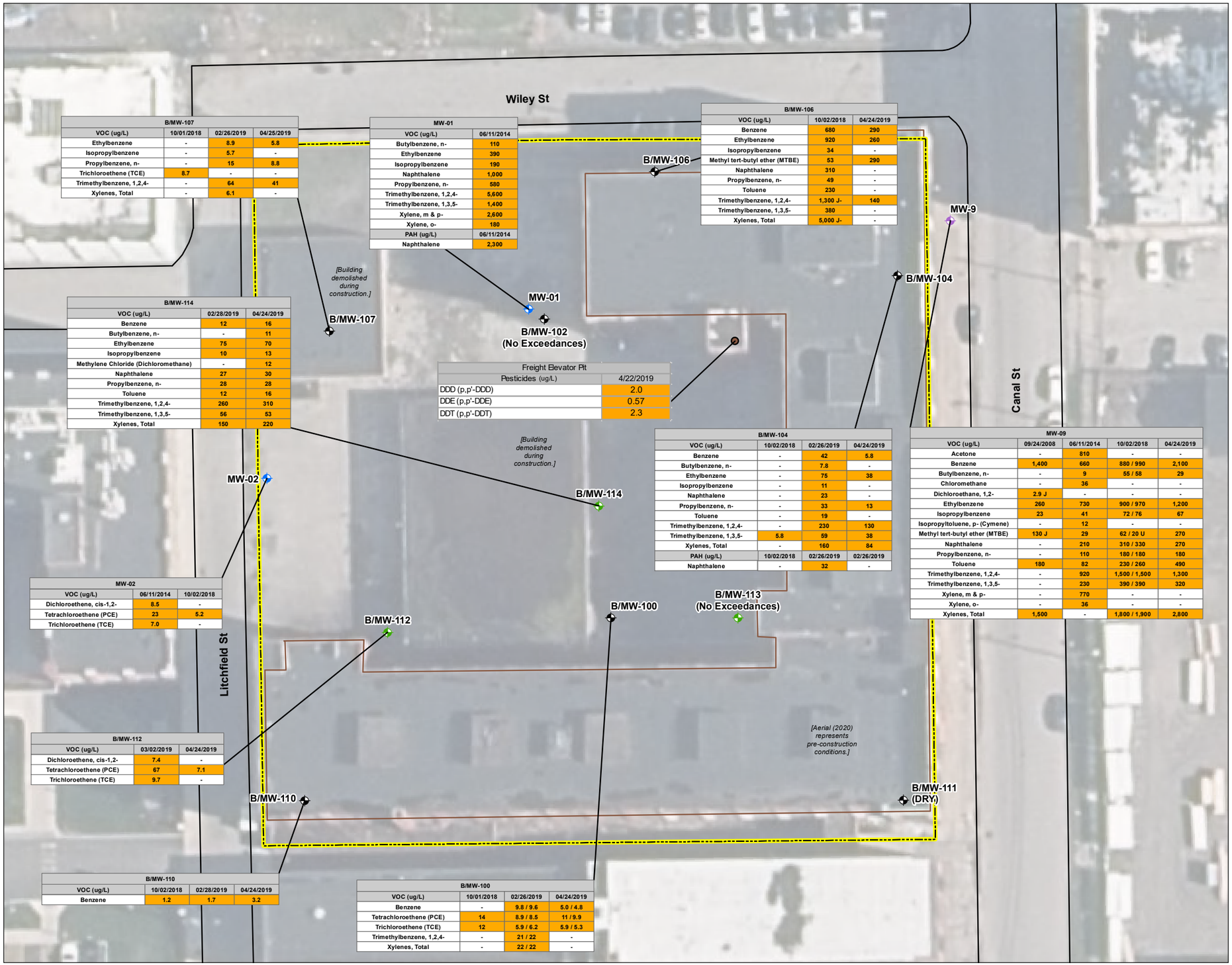
Client/Project 190500965
East House Canal Street LLC
Canal Street Manufacturing Site
Final Engineering Report (FER), BCP Site No. C828206

Figure No.
4

Title
Previous Soil Sample Exceedances - Remedial Investigation

U:\190500965\05_report_deliv\dwgs_design\GIS_figures\14-FER\mxd\fig4_SOexc_20231026_DRAFT2.mxd Revised: 2024-01-25 By: akita

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.



B/MW-107			
VOC (ug/L)	10/01/2018	02/26/2019	04/25/2019
Ethylbenzene	-	8.9	5.8
Isopropylbenzene	-	5.7	-
Propylbenzene, n-	-	15	8.8
Trichloroethene (TCE)	8.7	-	-
Trimethylbenzene, 1,2,4-	-	64	41
Xylenes, Total	-	6.1	-

MW-01	
VOC (ug/L)	06/11/2014
Butylbenzene, n-	110
Ethylbenzene	390
Isopropylbenzene	190
Naphthalene	1,000
Propylbenzene, n-	580
Trimethylbenzene, 1,2,4-	5,600
Trimethylbenzene, 1,3,5-	1,400
Xylene, m & p-	2,600
Xylene, o-	180
PAH (ug/L)	06/11/2014
Naphthalene	2,300

B/MW-106		
VOC (ug/L)	10/02/2018	04/24/2019
Benzene	680	290
Ethylbenzene	920	260
Isopropylbenzene	34	-
Methyl tert-butyl ether (MTBE)	53	290
Naphthalene	310	-
Propylbenzene, n-	49	-
Toluene	230	-
Trimethylbenzene, 1,2,4-	1,300 J-	140
Trimethylbenzene, 1,3,5-	380	-
Xylenes, Total	5,000 J-	-

B/MW-114		
VOC (ug/L)	02/28/2019	04/24/2019
Benzene	12	16
Butylbenzene, n-	-	11
Ethylbenzene	75	70
Isopropylbenzene	10	13
Methylene Chloride (Dichloromethane)	-	12
Naphthalene	27	30
Propylbenzene, n-	28	28
Toluene	12	16
Trimethylbenzene, 1,2,4-	260	310
Trimethylbenzene, 1,3,5-	56	53
Xylenes, Total	150	220

Freight Elevator Pit	
Pesticides (ug/L)	4/22/2019
DDD (p,p'-DDD)	2.0
DDE (p,p'-DDE)	0.57
DDT (p,p'-DDT)	2.3

B/MW-104			
VOC (ug/L)	10/02/2018	02/26/2019	04/24/2019
Benzene	-	42	5.8
Butylbenzene, n-	-	7.8	-
Ethylbenzene	-	75	38
Isopropylbenzene	-	11	-
Naphthalene	-	23	-
Propylbenzene, n-	-	33	13
Toluene	-	19	-
Trimethylbenzene, 1,2,4-	-	230	130
Trimethylbenzene, 1,3,5-	5.8	59	38
Xylenes, Total	-	160	84
PAH (ug/L)	10/02/2018	02/26/2019	02/26/2019
Naphthalene	-	32	-

MW-09				
VOC (ug/L)	09/24/2008	06/11/2014	10/02/2018	04/24/2019
Acetone	-	810	-	-
Benzene	1,400	660	880 / 990	2,100
Butylbenzene, n-	-	9	55 / 58	29
Chloromethane	-	36	-	-
Dichloroethane, 1,2-	2.9 J	-	-	-
Ethylbenzene	260	730	900 / 970	1,200
Isopropylbenzene	23	41	72 / 76	67
Isopropyltoluene, p- (Cymene)	-	12	-	-
Methyl tert-butyl ether (MTBE)	130 J	29	62 / 20 U	270
Naphthalene	-	210	310 / 330	270
Propylbenzene, n-	-	110	180 / 180	180
Toluene	180	82	230 / 260	490
Trimethylbenzene, 1,2,4-	-	920	1,500 / 1,500	1,300
Trimethylbenzene, 1,3,5-	-	230	390 / 390	320
Xylene, m & p-	-	770	-	-
Xylene, o-	-	36	-	-
Xylenes, Total	1,500	-	1,800 / 1,900	2,800

MW-02		
VOC (ug/L)	06/11/2014	10/02/2018
Dichloroethene, cis-1,2-	8.5	-
Tetrachloroethene (PCE)	23	5.2
Trichloroethene (TCE)	7.0	-

B/MW-112		
VOC (ug/L)	03/02/2019	04/24/2019
Dichloroethene, cis-1,2-	7.4	-
Tetrachloroethene (PCE)	67	7.1
Trichloroethene (TCE)	9.7	-

B/MW-110			
VOC (ug/L)	10/02/2018	02/28/2019	04/24/2019
Benzene	1.2	1.7	3.2

B/MW-100			
VOC (ug/L)	10/01/2018	02/26/2019	04/24/2019
Benzene	-	9.8 / 9.6	5.0 / 4.8
Tetrachloroethene (PCE)	14	8.9 / 8.5	11 / 9.9
Trichloroethene (TCE)	12	5.9 / 6.2	5.9 / 5.3
Trimethylbenzene, 1,2,4-	-	21 / 22	-
Xylenes, Total	-	22 / 22	-

Stantec

Legend

- Previously Installed On-Site Overburden Well (LaBella Phase II)
- Previously Installed Off-Site Well (RG&E MGP Site)
- 2018 Remedial Investigation Monitoring Well
- 2019 Remedial Investigation Monitoring Well
- Freight Elevator Location
- Street Edge of Pavement
- Approximate Existing Building Boundary
- Site Boundary

N

0 30 60 Feet

(At original document size of 11x17)
1:480

Notes:
1. Coordinate System: NAD 1983 State Plane New York West FIPS 3103 Feet.
2. Data Sources: Monroe County GIS.
3. Background: Aerial (Spring 2020) obtained from http://orthos.its.ny.gov/arcgis/services.
4. Key Map basemap: ArcGIS World Street Map.
5. Monitoring well locations included in post-monitoring program were surveyed by Stantec; all other locations should be considered approximate.
6. This figure depicts compounds with identified exceedances of NYSDEC Standards and Guidance Values (SGVs). Exceedances of common, naturally-occurring mettals such as iron, sodium, and manganese are not included. Refer to Report Tables for a complete tabulation of groundwater analytical data. Results with concentrations exceeding the NYSDEC SGVs are shaded in orange. Duplicate results are indicated with a ("/").
7. Abbreviations:
ug/L = micrograms per Liter
VOC = volatile organic compounds
U = Indicates that the analyte was analyzed but not detected
J = The reported result is an estimated value
PAHs = polycyclic aromatic hydrocarbons
A = TOGS 1.1.1 - Table 1 - Ambient Water Quality Standards and Guidance Values, Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1); Guidance
B = TOGS 1.1.1 - Table 1 - Ambient Water Quality Standards and Guidance Values, Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1); Standards



Project Location
67-89 Canal Street
C. of Rochester, Monroe Co., NY 14608

Prepared by AK on 2023-10-26
Technical Review by LB/RM on 2023-12-14
Independent Review by XX on 2023-10-XX

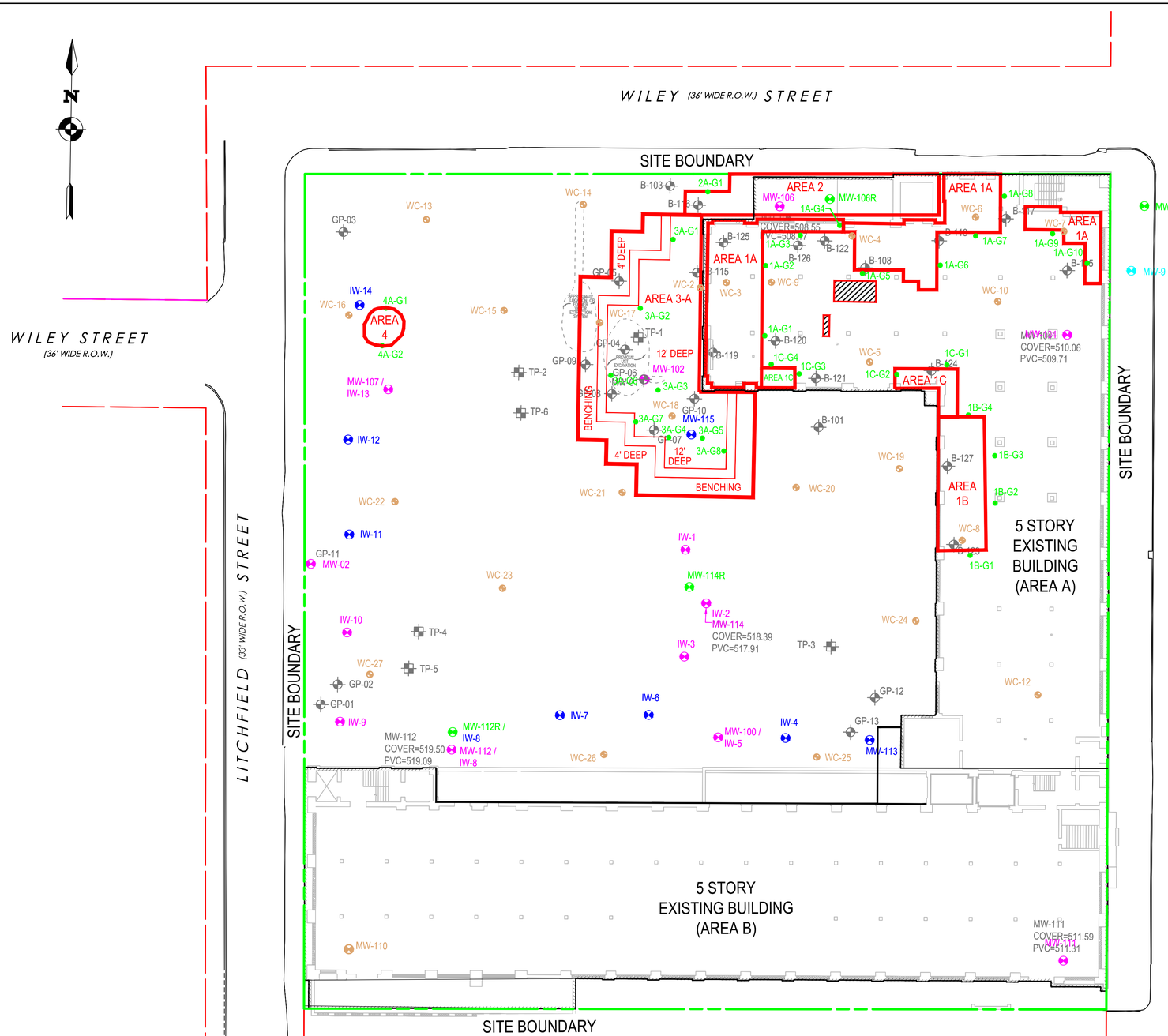
Client/Project 190500965
East House Canal Street LLC
Canal Street Manufacturing Site
Final Engineering Report (FER), BCP Site No. C828206

Figure No.
4A

Title
Exceedances of Applicable NYSDEC Groundwater Cleanup Objectives Prior to Remedial Action

U:\190500965\05_report_deliv\dwgs_design\GIS_figures\14-FER\mxd\fig4a_GWexc_20231026_DRAFT2.mxd Revised: 2024-01-25 By: akita

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.



LEGEND

- WC-25 — WASTE CHARACTERIZATION BORINGS (RAWP)
- MW-115 — MONITORING WELLS REMOVED / DAMAGED DURING RAWP AND REPLACED OR ABANDON (RI/RAWP)
- MW-115 (R) — MONITORING WELLS (RI/RAWP) REPLACEMENT/ REDRILLED WELL
- IW- 14 — INJECTION WELLS (RAWP)
- B-127 — BORINGS (RI 2018)
- MW-9 — PREVIOUSLY INSTALLED OFF-SITE WELL (RGE MGP SITE OR NEIGHBORING SITES)
- GP-05 — PREVIOUSLY INSTALLED ON-SITE OVERBURDEN WELL (LABELLA PHASE II)
- TP-03 — TEST PITS (RI 2019)
- EXCAVATION AREAS (FEET BELOW GROUND SURFACE)
- 1A-G3 — END POINT SAMPLING LOCATION (AREA DESIGNATION - GRAB SAMPLE #)
- ADDITIONAL MINOR EXCAVATIONS COMPLETED DURING THE TRENCHING FOR INJECTION PIPING, DUE TO PETROLEUM RELATED NUISANCE CONDITIONS

0 20 40 60

SCALE IN FEET

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

Notes

Revision	By	Appd.	YY.MM.DD
FINAL ENGINEERING REPORT	APL	DH/RA	23.12.XX
Issued	By	Appd.	YY.MM.DD

Figure 5 – Petroleum Excavation And Confirmatory Sample Locations.dwg

File Name:	APL	DH/RA	RM/LB	19.07
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project

EAST HOUSE CANAL STREET LLC
CANAL STREET MANUFACTURING SITE

FINAL ENGINEERING REPORT (FER)
BCP SITE NO. C828206

67 - 89 CANAL STREET, ROCHESTER, NY

Title

PETROLEUM EXCAVATION AND CONFIRMATORY SAMPLE LOCATIONS

Project No. 190500965

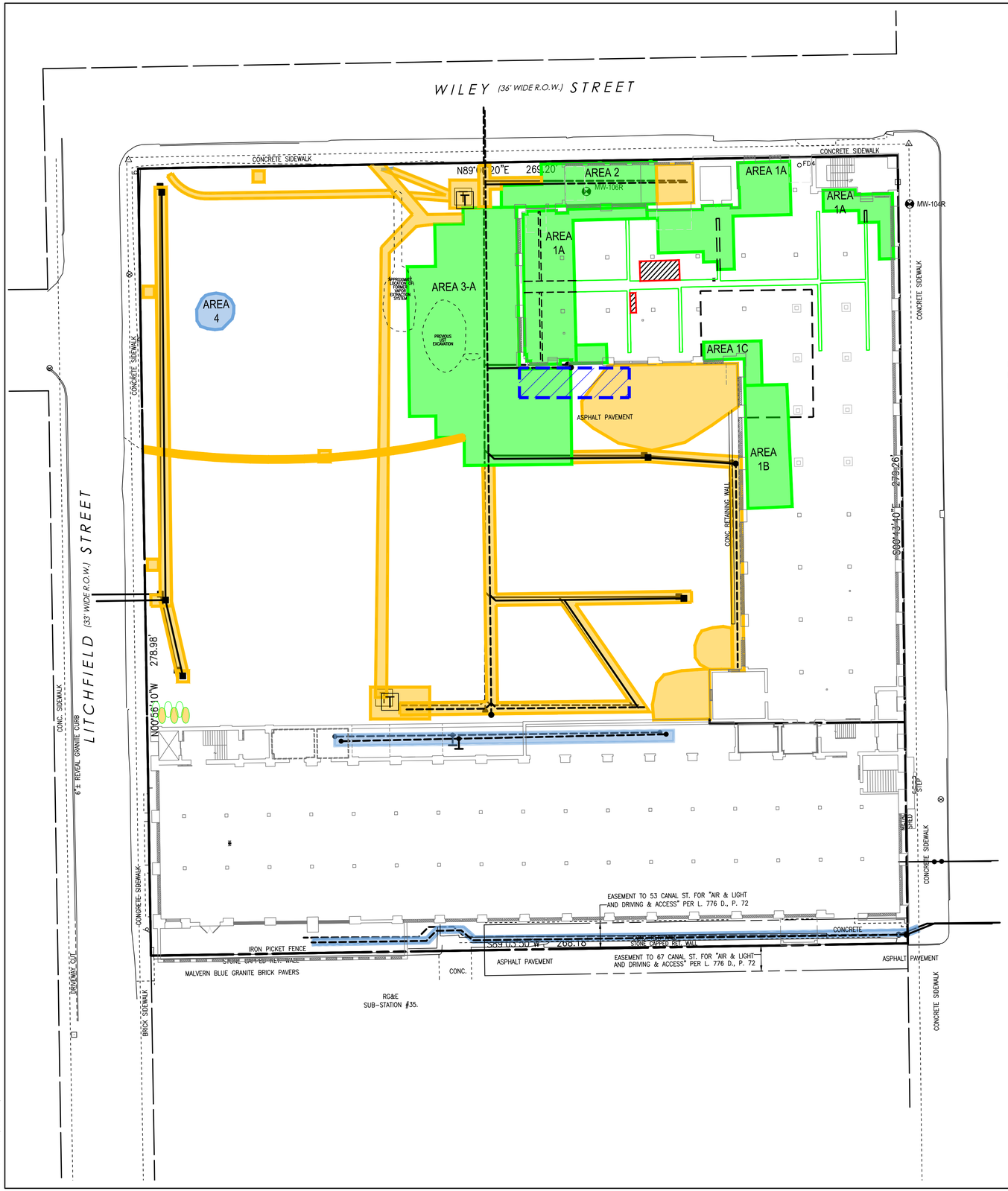
Scale AS SHOWN

Drawing No.

FIGURE 5

\\US0275-PPFS01\drivered_projects\190500965\GIS_report_deliv\dwgs_design\GIS_figures\1-4-FER\cad\Figure 5 - Petroleum Excavation And Confirmatory Sample Locations.dwg
2024/01/29 1:34 PM By: Lotz, Andy

ORIGINAL SHEET - ANSI D



N

LEGEND

FILL PLACEMENT TYPE

- GYPSUM , PEA GRAVEL AND CRUSHER RUN - 2 STONE
- NATIVE SOIL (RE-USED MATERIAL)
- CRUSHER RUN - # 2 STONE OR WASHED STONE
- NATIVE/URBAN FILL MIX (REUSED MATERIAL)

* NOTE:
ALL EXCAVATION LIMITS ARE APPROXIMATE AND ARE CONTINGENT UPON ACTUAL FIELD OBSERVATIONS.

* NOTE:
STANTEC TO CONFIRM IN FIELD ALL PROPOSED SOIL WASTE CLASSIFICATIONS
BASED ON VISUAL AND PHOTOIONIZATION DETECTOR READINGS AS EXCAVATION IS TAKING PLACE.

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

Notes

Revision	By	Appd.	YY.MM.DD
FINAL ENGINEERING REPORT	APL	DH/RA	23.12.22
Issued	By	Appd.	YY.MM.DD

Figure 5A – Utility Excavations And Imported Fill Placement Type Location.dwg

File Name:	APL	DH/RA	RM/LB	19.07
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project
EAST HOUSE CANAL STREET LLC
CANAL STREET MANUFACTURING SITE

FINAL ENGINEERING REPORT (FER)
BCP SITE NO. C828206
67 - 89 CANAL STREET, ROCHESTER, NY

Title
EXCAVATIONS AND IMPORTED FILL PLACEMENT TYPE LOCATION

Project No. 190500965

Scale AS SHOWN

Drawing No.
FIGURE 5A

\\US027-FPFSS01\shared_projects\190500965.05_report_dell#\dwgs_design\CAD_figures\144FER\cad\Figure 5A - Utility Excavations And Imported Fill Placement Type Location.dwg
2024.01.29 1:37 PM by Loss, Andy

ORIGINAL SHEET - ANSI D



GENERAL NOTES

1. THE CITY OF ROCHESTER ROW HAS TO BECOME PART OF THE CANAL STREET SITE UPON ABANDONMENT BY THE CITY OF ROCHESTER AND SUBMISSION AND ACCEPTANCE OF A NYSDEC BCP AMENDMENT APPLICATION.

REFERENCES:

2. ABSTRACT OF TITLE PREPARED BY STEWART TITLE INSURANCE COMPANY, FEBRUARY 21, 2018 AND HAVING ABSTRACT NO. 170409.

3. A MAP ENTITLED "MAP OF AN INSTRUMENT SURVEY OF NO. 67 AND NO. 89 CANAL STREET" PREPARE BY GROVER & BATES ASSOCIATES, DATED SEPTEMBER 6, 2011.

SURVEY NOTES:

1. THIS SURVEY IS REFERENCED TO THE ROCHESTER CITY VERTICAL DATUM THROUGH TIES TO MONUMENT USC&GS "KING", RCS ELEVATION 522.99.

2. THE PREMISES LIE IN FLOOD ZONE X, "AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN" PER THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S FLOOD INSURANCE RATE MAPS NO. 36055C0194G AND NO. 36055C0213G FOR COMMUNITY NO. 360431, CITY OF ROCHESTER, MONROE COUNTY, NEW YORK WITH AN EFFECTIVE DATE OF AUGUST 28, 2008.

3. UNDERGROUND UTILITIES SHOWN HEREON WERE PLOTTED FROM A COMBINATION OF FIELD LOCATIONS AND UTILITY COMPANY RECORD MAPPING. THE LOCATION OF THESE UNDERGROUND UTILITIES CAN NOT BE GUARANTEED TO BE COMPLETE OR CORRECT. THE LOCATIONS OF ALL UNDERGROUND UTILITIES SHOULD BE STAKED BY THE RESPECTIVE UTILITY COMPANY PRIOR TO ANY CONSTRUCTION.

ENGINEERING NOTES:

1. THIS MAP REPRESENTS PROPOSED CONDITIONS OF THE SITE PREVIOUS TO THE SITE BEING CONSTRUCTED AND DO NOT REPRESENT THE ACTUAL CONDITIONS OR RECORD DRAWING CONDITION.

2. CUT AND FILL THICKNESS REPRESENTED ON THIS MAP SHOW THE DIFFERENCES BETWEEN THE EXISTING CONDITION SURFACE AND THE PROPOSED SURFACE FOR MASS GRADING PURPOSES AND DO NOT TAKE INTO CONSIDERATION THE UTILITY TRENCHES AT VARIOUS DEPTHS AND ENVIRONMENTAL EXCAVATIONS.

CUT / FILL LEGEND

Elevations Table			
Number	Minimum Elevation	Maximum Elevation	Color
1	-10.000	-8.000	
2	-8.000	-6.000	
3	-6.000	-4.000	
4	-4.000	-2.000	
5	-2.000	0.000	
6	0.000	2.000	
7	2.000	5.000	

Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
cut fill	1.000	1.000	34905.47 Sq. Ft.	4431.04 Cu. Yd.	57.26 Cu. Yd.	4373.79 Cu. Yd.<Cut>
Totals			34905.47 Sq. Ft.	4431.04 Cu. Yd.	57.26 Cu. Yd.	4373.79 Cu. Yd.<Cut>

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

Notes

Revision	By	Appd.	YY.MM.DD
FINAL ENGINEERING REPORT	APL	DH/RA	23.12.22
Issued	By	Appd.	YY.MM.DD
File Name: Figure 6 - Contour Map Of Cut And Fill Thicknesses.dwg	APL Dwn.	DH/RA Chkd.	RM/LB Dsgn.	19.07 YY.MM.DD
Permit-Seal			

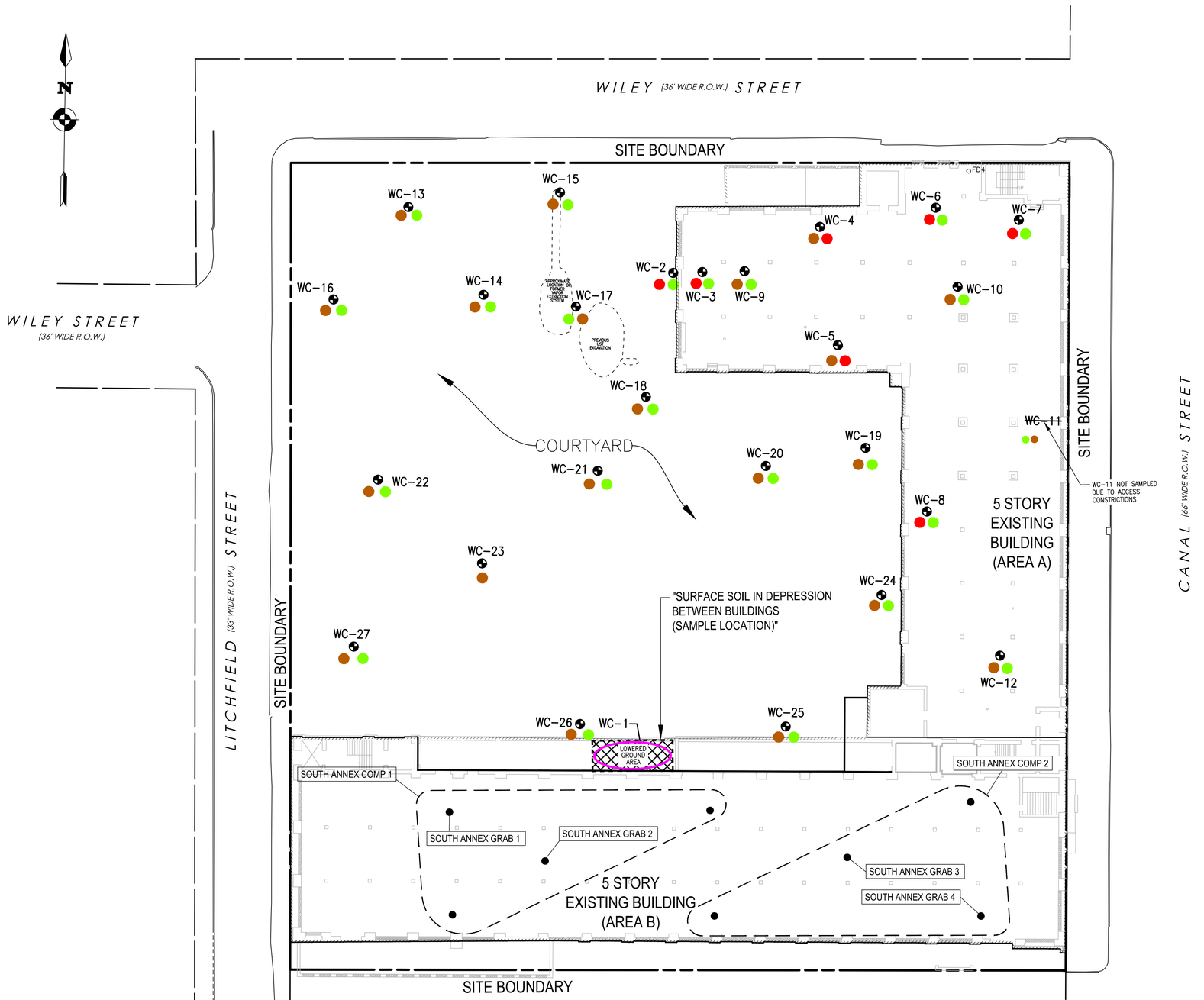
Client/Project
EAST HOUSE CANAL STREET LLC
CANAL STREET MANUFACTURING SITE

FINAL ENGINEERING REPORT (FER)
BCP SITE NO. C828206
67 - 89 CANAL STREET, ROCHESTER, NY

Title
CONTOUR MAP OF
CUT AND FILL THICKNESS

Project No. 190500965
Scale AS SHOWN
Drawing No.
FIGURE 6

\\US0275-PPFSS01\shared_projects\190500965\05_report_data\Workdgs_design\GIS_figures\1-4-FER\cad\Figure 6 - Contour Map Of Cut And Fill Thicknesses.dwg
2024/01/29 1:38 PM By: Lists, Andy
ORIGINAL SHEET - ANSI D



LEGEND

WC-25 WASTE CHARACTERIZATION BORINGS (RAWP)

SURFACE SOIL LOCATION (RI COMPOSITE SAMPLE)

PETROLEUM IMPACTED SOIL WASTE CHARACTERIZATION SAMPLE LOCATIONS (± 267 CY)

URBAN FILL IMPACTED SOIL WASTE CHARACTERIZATION SAMPLE LOCATIONS (± 4,744 CY)

NATIVE OVERBURDEN SOIL WASTE CHARACTERIZATION SAMPLE LOCATIONS (± 1,232 CY)

MERCURY AND LEAD IMPACTED SOIL WASTE CHARACTERIZATION SAMPLE LOCATIONS (± 12 CY)

MEASURED OR GPS (ACTUAL) SAMPLE LOCATION

APPROXIMATE TEST PIT LOCATION FOR SOIL WASTE CHARACTERIZATION SAMPLE COLLECTION (4 GRABS AND 2 COMPOSITES)

0 20 40 60

SCALE IN FEET

\\US227-PFPSS01\shared_projects\190500965-05_report_delliv\dwgs_design\GIS_figures\1-44-FER.mxd\Figure 7 In-Situ Waste Characterization Sample Locations.dwg
2024(01)29 1:40 PM By: Liss, Andy

ORIGINAL SHEET - ANSI D

Stantec

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

Notes

Revision	By	Appd.	YY.MM.DD
FINAL ENGINEERING REPORT	APL	DH/RA	23.12.22
Issued	By	Appd.	YY.MM.DD

Figure 7 In-Situ Waste Characterization Sample Locations.dwg

File Name:	APL	DH/RA	RM/LB	19.07
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project

EAST HOUSE CANAL STREET LLC
CANAL STREET MANUFACTURING SITE

FINAL ENGINEERING REPORT (FER)
BCP SITE NO. C828206

67 - 89 CANAL STREET, ROCHESTER, NY

Title

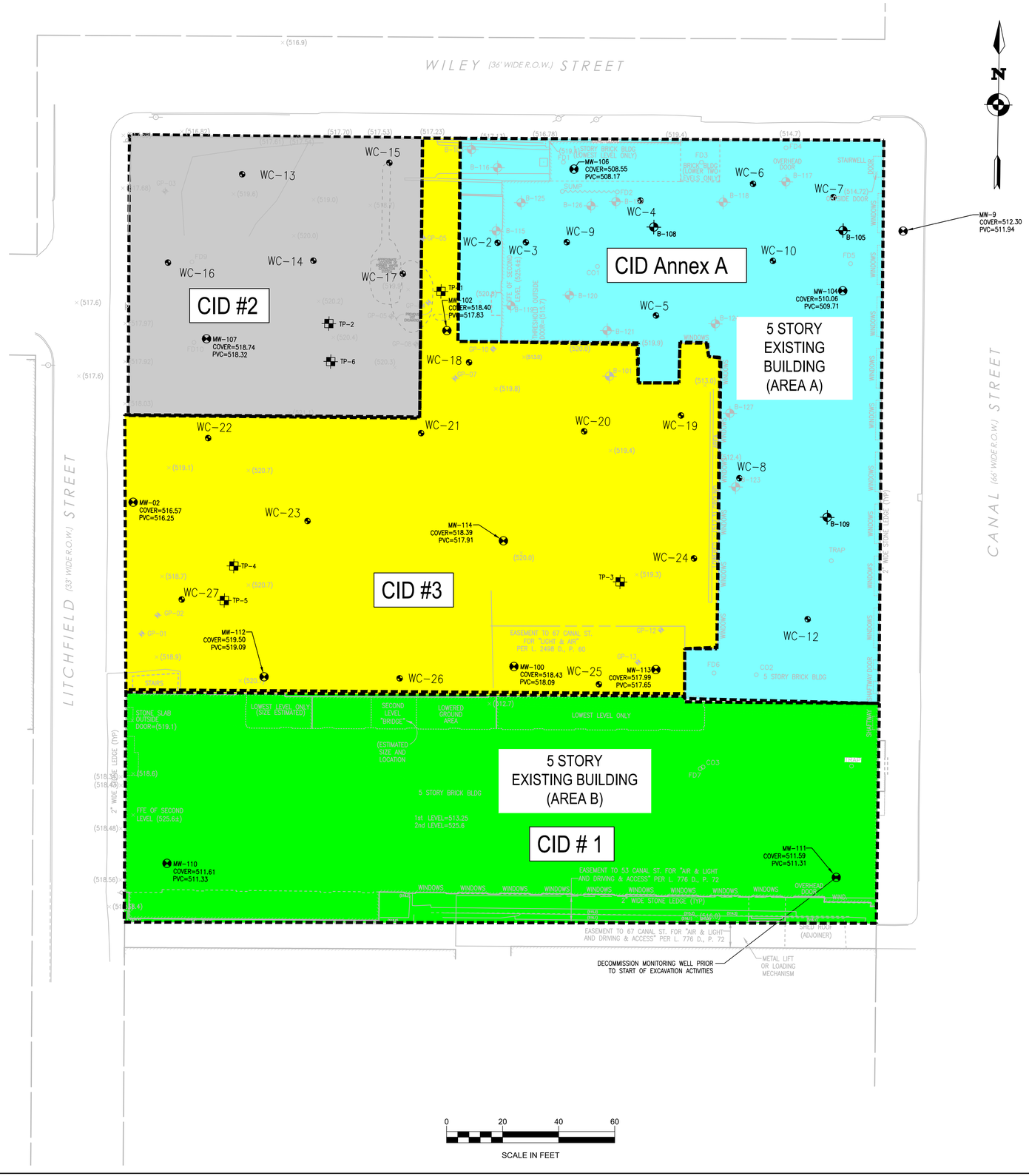
IN-SITU WASTE CHARACTERIZATION SAMPLE LOCATIONS

Project No. 190500965

Scale AS SHOWN

Drawing No.

FIGURE 7



LEGEND

- "CONTAINED IN" DEMONSTRATION (CID) AREA #1
- "CONTAINED IN" DEMONSTRATION (CID) AREA #2
- "CONTAINED IN" DEMONSTRATION (CID) AREA #3
- "CONTAINED IN" DEMONSTRATION (CID) AREA ANNEX A

X 520.0	EXISTING GROUND ELEVATION
TC 520.0 BC 520.0	TOP OF PROPOSED CURBING ELEVATION BOTTOM OF PROPOSED CURBING ELEVATION
B/MW	BORING / MONITORING WELL
GP	GEOPROBE BORING
TP	TEST PIT
WC	WASTE CHARACTERIZATION SAMPLE

NOTES:

1. TETRACHLOROETHENE (PCE) CONCENTRATIONS ONLY IN THE NORTHWEST PORTION OF THE SITE ARE DISPLAYED. REFER TO TABLE FOR REMAINING ANALYTICAL DATA.
2. LOCATIONS ARE APPROXIMATE.
3. STANTEC TO CONFIRMED IN FIELD ALL SOIL WASTE CLASSIFICATIONS BASED ON VISUAL AND PHOTOIONIZATION DETECTOR READINGS AND EARTHWORK IS TAKING PLACE.

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

Notes

Revision	By	Appd.	YY.MM.DD
FINAL ENGINEERING REPORT	APL	DH/RA	23.12.22
Issued	By	Appd.	YY.MM.DD

Figure 8 – CID Areas And Details.dwg

File Name:	APL	DH/RA	RM/LB	19.07
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project
EAST HOUSE CANAL STREET LLC
CANAL STREET MANUFACTURING SITE

FINAL ENGINEERING REPORT (FER)
BCP SITE NO. C828206
67 - 89 CANAL STREET, ROCHESTER, NY

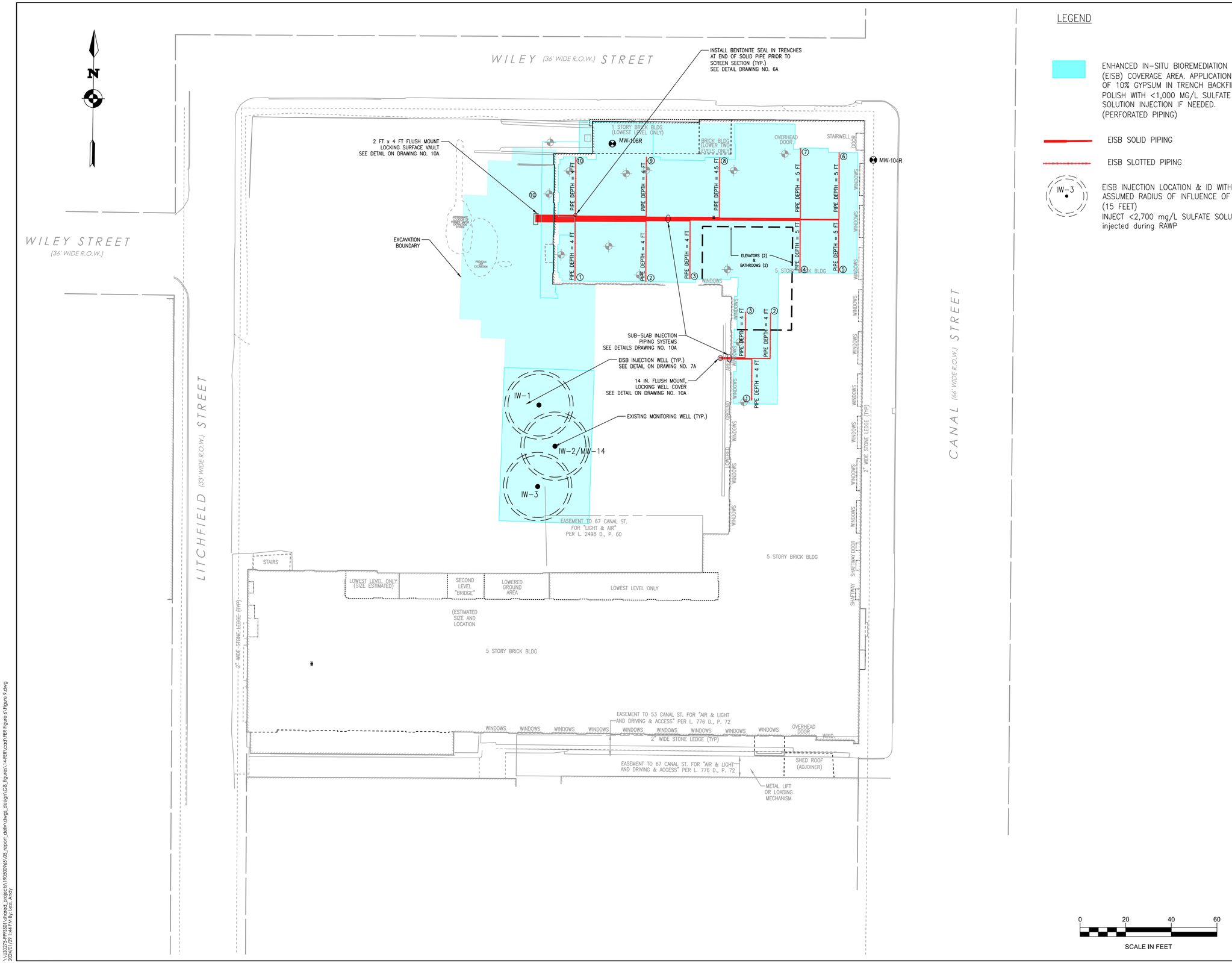
Title
CID AREAS AND DETAILS

Project No. 190500965
Scale AS SHOWN

Drawing No.
FIGURE 8

\\US027-P-PFS501\shared_projects\190500965\05_report_deliv\dwgs_design\GIS_figures\1-4-FER\cad\Figure 8 - CID Areas And Details.dwg
2024/01/29 1:43 PM by: Lotz, Andy

ORIGINAL SHEET - ANSI D



LEGEND

ENHANCED IN-SITU BIOREMEDIATION (EISB) COVERAGE AREA. APPLICATION OF 10% GYPSUM IN TRENCH BACKFILL, POLISH WITH <1,000 MG/L SULFATE SOLUTION INJECTION IF NEEDED. (PERFORATED PIPING)

EISB SOLID PIPING

EISB SLOTTED PIPING

IW-3

EISB INJECTION LOCATION & ID WITH ASSUMED RADIUS OF INFLUENCE OF (15 FEET)
INJECT <2,700 mg/L SULFATE SOLUTION injected during RAWP

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

Notes

Revision	By	Appd.	YY.MM.DD
FINAL ENGINEERING REPORT	APL	DH/RA	23.12.22
Issued	By	Appd.	YY.MM.DD
File Name Figure 9.dwg	APL	DH/RA	RM/LB	19.07
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project
EAST HOUSE CANAL STREET LLC
CANAL STREET MANUFACTURING SITE

FINAL ENGINEERING REPORT (FER)
BCP SITE NO. C828206
67 - 89 CANAL STREET, ROCHESTER, NY

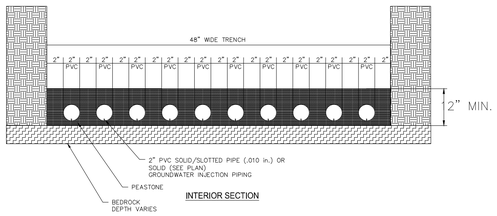
Title
ENHANCED
IN-SITU BIOREMEDIATION (EISB)
APPLICATION AND COVERAGE AREAS

Project No. 190500965

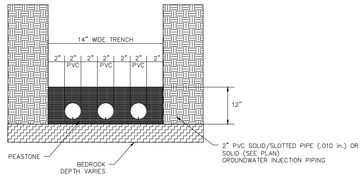
Scale AS SHOWN

Drawing No.
FIGURE 9

\\US0275-PPFSS01\shared_projects\190500965\05_report_deliv\dwgs_design\GIS_figures\1-4-FER\cad\FER Figure 9.dwg
2024/01/29 1:44 PM By: Lees, Andy
ORIGINAL SHEET - ANSI D



INTERIOR SECTION

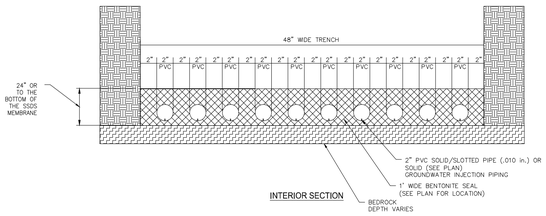


INTERIOR SECTION

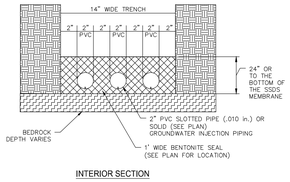
CROSS SECTION THROUGH TRENCH (TYP.)

1 / 10A

N.T.S.



INTERIOR SECTION

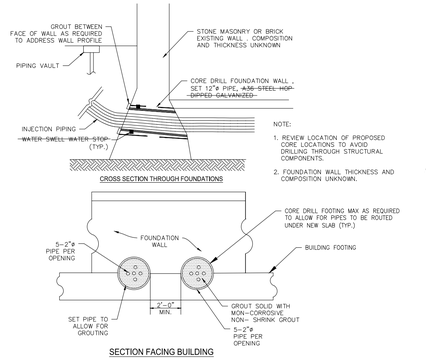


INTERIOR SECTION

BENTONITE SEAL (TYP.)

2 / 10A

N.T.S.

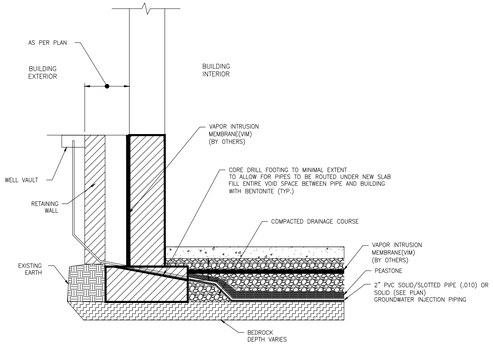


SECTION FACING BUILDING

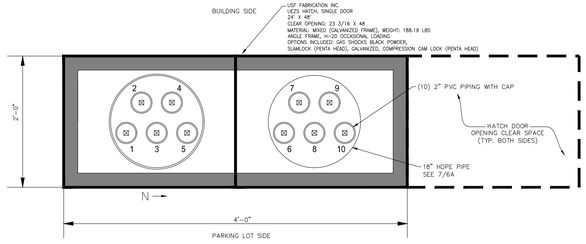
CORE DRILL THROUGH BUILDING WALL (TYP.)

5 / 10A

N.T.S.



SECTION (10 PIPES)

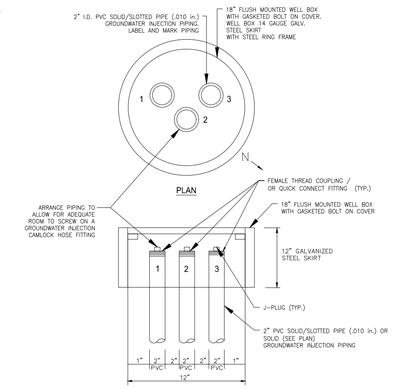


PLAN

10 PIPE VAULT FRAME AND COVER DETAIL (RISER PORTION)

3 / 10A

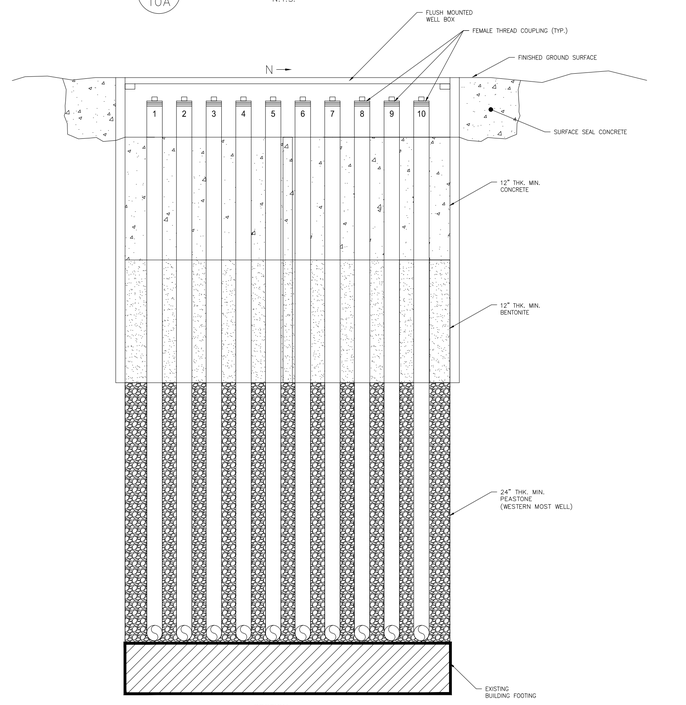
N.T.S.



3 PIPE WELL BOX DETAIL (TYP.)

4 / 10A

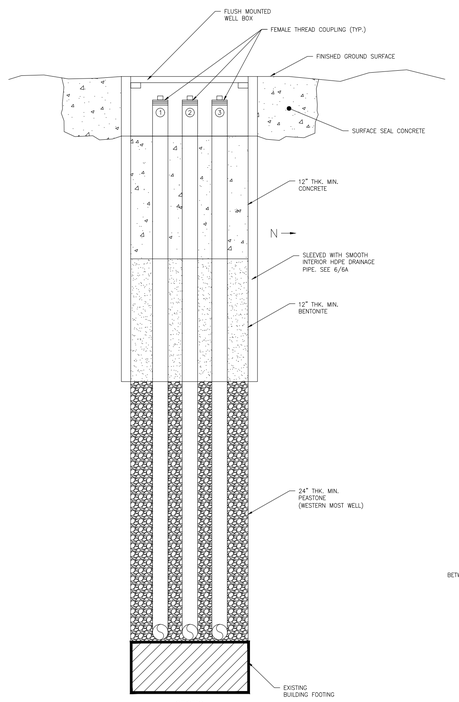
N.T.S.



EXTERIOR DETAIL (10 PIPES)(TYP.)

6 / 10A

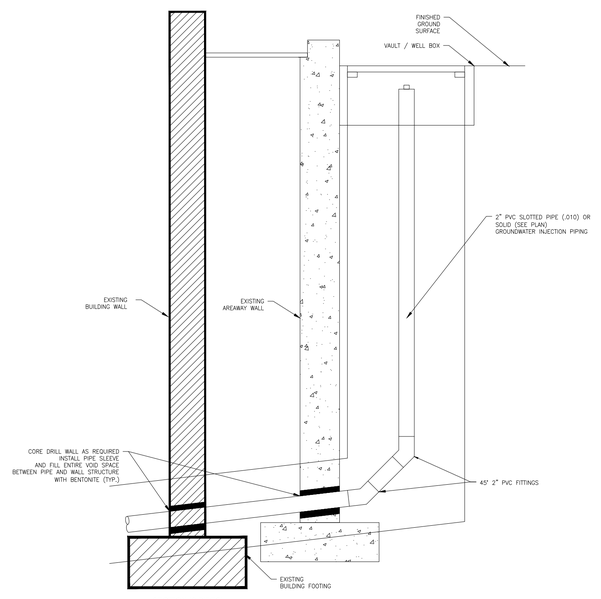
N.T.S.



EXTERIOR DETAIL (3 PIPES)(TYP.)

7 / 10A

N.T.S.



SECTION AT FOOTING (TYP.)

8 / 10A

N.T.S.

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

Notes

Revision	By	Appd.	YY.MM.DD
FINAL ENGINEERING REPORT	APL	DH/RA	23.12.XX
Issued	By	Appd.	YY.MM.DD
File Name: Figure 9A.dwg	APL	DH/RA	RM/LB	19.07
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project

EAST HOUSE CANAL STREET LLC
CANAL STREET MANUFACTURING SITE

FINAL ENGINEERING REPORT (FER)
BCP SITE NO. C828206

67 - 89 CANAL STREET, ROCHESTER, NY

Title

ENHANCED
IN-SITU BIOREMEDIATION (EISB)
SYSTEM DETAILS

Project No. 190500965

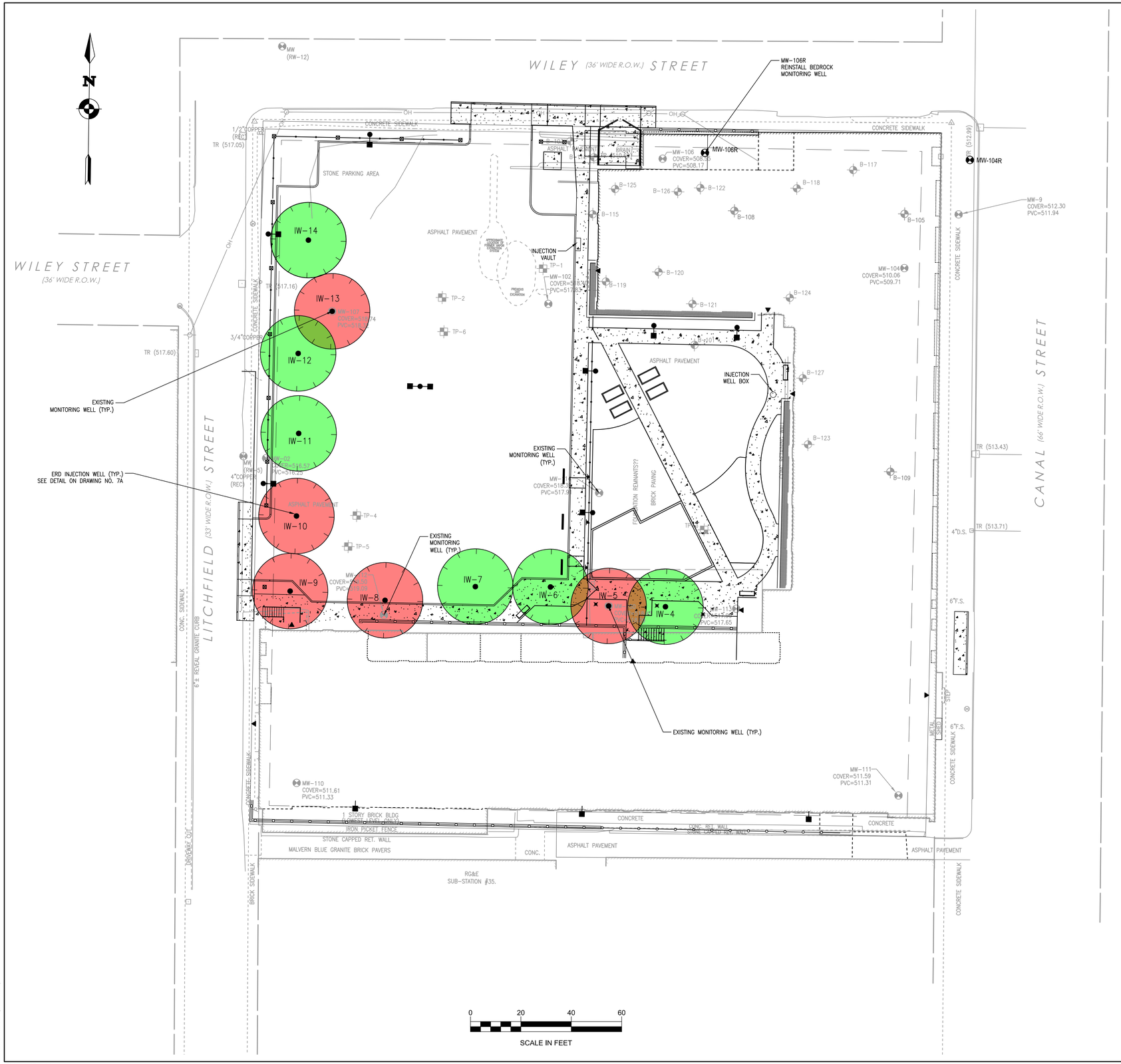
Scale AS SHOWN

Drawing No.

FIGURE 9A

\\US0275-PPFSS01\shared_projects\190500965\05_report_deliv\dwgs_design\DR_figures\1-4-FER\con\FER Figure 6A \Figure 9A.dwg
2024/01/29 1:45 PM By: Less, Andy

ORIGINAL SHEET - ANSI D



LEGEND

- IW-4 — ERD INJECTION LOCATION & ID WITH ASSUMED RADIUS OF INFLUENCE OF (15 FEET)
- IW-13 — DAMAGED DURING CONSTRUCTION – REMOVED FROM THE INJECTION WELL NETWORK
- IW-8 — INJECTION WELL STILL IN SERVICE REMAINS IN THE INJECTION WELL NETWORK

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

Notes

Revision	By	Appd.	YY.MM.DD
FINAL ENGINEERING REPORT	APL	DH/RA	23.12.XX
Issued	By	Appd.	YY.MM.DD

File Name: Figure 10.dwg	Dwn.	Chkd.	Dsgn.	YY.MM.DD
	APL	DH/RA	RM/LB	19.07

Permit-Seal

Client/Project
EAST HOUSE CANAL STREET LLC
CANAL STREET MANUFACTURING SITE

FINAL ENGINEERING REPORT (FER)
BCP SITE NO. C828206
67 - 89 CANAL STREET, ROCHESTER, NY

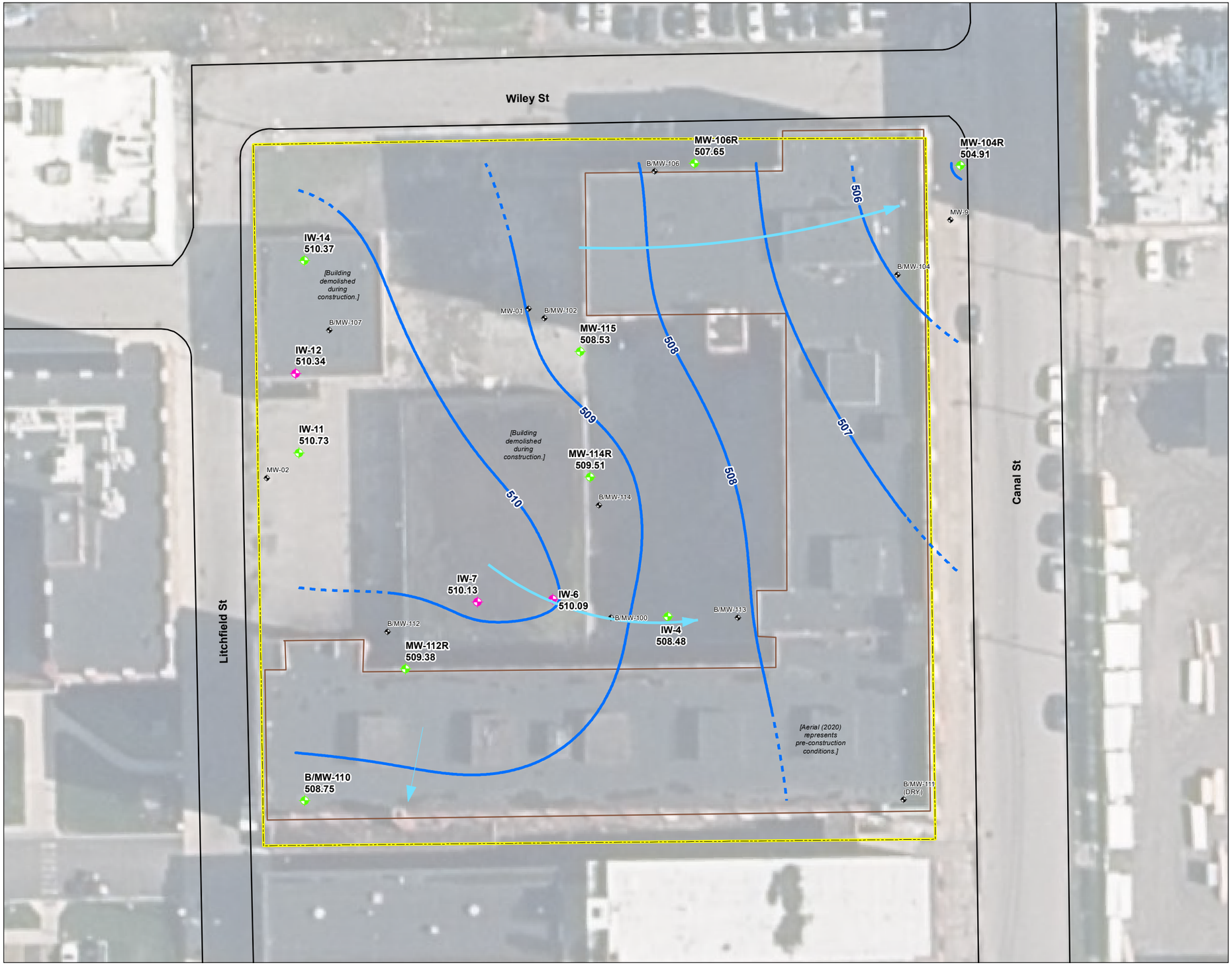
Title
ENHANCED
REDUCTIVE DECHLORINATION (ERD)
APPLICATION AREAS

Project No. 190500965

Scale AS SHOWN

Drawing No.
FIGURE 10

\\GS027-SPFS201\shared_projects\190500965\05_report_deliv\dwgs_design\GIS_figures\14-FER\cad\FER Figure 7\Figure 10.dwg
2024/01/29 1:47 PM By: Loss, Andy
ORIGINAL SHEET - ANSI D



Stantec

Legend

- Sample and Gauging Location
- Gauging Location
- Abandoned/Damaged Wells
- Approximate Groundwater Elevation Contour (ft)
- Approximate Groundwater Elevation Contour (ft)(Dashed where Inferred)
- Inferred Direction of Groundwater Flow
- Street Edge of Pavement
- Approximate Existing Building Boundary
- Site Boundary

N

0 30 60 Feet

(At original document size of 11x17)
1:480

Notes:
1. Coordinate System: NAD 1983 StatePlane New York West FIPS 3103 Feet.
2. Data Sources: Monroe County GIS.
3. Background: Aerial (Spring 2020) obtained from http://orthos.its.ny.gov/arcgis/services.
4. Key Map basemap: ArcGIS World Street Map.
5. Monitoring well locations included in post-monitoring program were surveyed by Stantec; all other locatins should be considered approximate.
6. Gauging was performed on by Stantec on September 27, 2023.



Project Location
67-89 Canal Street
C. of Rochester, Monroe Co., NY 14608

Prepared by AK on 2023-11-20
Technical Review by LB/RM on 2023-12-14
Independent Review by XX on 2023-11-XX

Client/Project 190500965
East House Canal Street LLC
Canal Street Manufacturing Site
Final Engineering Report (FER), BCP Site No. C828206

Figure No.
11

Title
Well Gauging Results and Interpreted Groundwater Elevation Contour Map - September 27, 2023

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.

U:\190500965\05_report_deliv\dwgs_design\GIS_figures\14-FER\mxd\fig11_GWE_contour_20231213_DRAFT2.mxd Revised: 2024-01-25 By: akita

B-120	
Date	2/21/2019
Depth	3.5-3.7 ft
PAH	(ug/kg)
Benzo(a)anthracene	23,000 J / 190 UJ
Benzo(a)pyrene	18,000 J / 190 UJ
Benzo(b)fluoranthene	20,000 J / 190 UJ
Benzo(k)fluoranthene	12,000 J / 190 UJ
Chrysene	21,000 J / 190 UJ
Indeno(1,2,3-cd)pyrene	11,000 J / 190 UJ
Phenanthrene	110,000 J / 580 J

TP-4	
Date	08/28/2018
Depth	4 ft
PAH	(ug/kg)
Anthracene	110,000
Benzo(a)anthracene	310,000
Benzo(a)pyrene	250,000
Benzo(b)fluoranthene	360,000
Benzo(g,h,i)perylene	150,000
Benzo(k)fluoranthene	130,000
Chrysene	330,000
Fluoranthene	830,000
Indeno(1,2,3-cd)pyrene	150,000
Phenanthrene	630,000
Pyrene	540,000

B-117	
Date	02/21/2019
Depth	5.4-5.9 ft
VOC	(ug/kg)
Trimethylbenzene, 1,2,4-	7,300
PAH	(ug/kg)
Benzo(a)anthracene	20,000
Benzo(a)pyrene	16,000
Benzo(b)fluoranthene	20,000
Benzo(k)fluoranthene	8,400
Chrysene	19,000
Indeno(1,2,3-cd)pyrene	9,800
Naphthalene	20,000

Wiley St
Canal St
Litchfield St
[Building demolished during construction.]
[Aerial (2020) represents pre-construction conditions.]
WC-15 * WC-13 * B-103 B-116 WC-4 * B-118 WC-6 * B-117 WC-7 * MW-9 B-125 B-126 B-122 B-108 WC-9 * WC-2 * WC-3 * WC-10 * WC-16 * WC-14 * WC-17 * B-120 B/MW-104 WC-5 * B-121 B-124 B-101 WC-18 * WC-19 * WC-20 * WC-21 * WC-22 * WC-8 * B-109 WC-23 * B/MW-114 WC-24 * WC-12 * WC-27 * B/MW-100 B/MW-113 B/MW-112 WC-26 * WC-25 * B/MW-110 B/MW-111 (DRY)
GP-03 GP-05 GP-09 GP-04 GP-08 GP-10 GP-07 GP-11/MW-02 GP-02 GP-01 GP-12 GP-13
TP-1 TP-2 TP-6 TP-4 TP-5

N

Stantec

Legend

- Prior On-Site Investigation Location (LaBella Phase II ESA, 2014) - Soil Boring
- Prior On-Site Investigation Location (LaBella Phase II ESA, 2014) - Soil Boring/Monitoring Well
- Previously Installed Off-Site Well (RG&E MGP Site)
- 2018/2019 Remedial Investigation Soil Boring/Monitoring Well
- 2019 Remedial Investigation Test Pit
- Pre-Excavation Soil Boring for Soil/Fill Characterization During Remedial Action
- Confirmatory Soil Sample Location
- Excavation Area Boundary
- Street Edge of Pavement
- Approximate Existing Building Boundary
- Site Boundary

0 30 60 Feet
(At original document size of 11x17)
1:480

Notes:
1. Coordinate System: NAD 1983 State Plane New York West FIPS 3103 Feet.
2. Data Sources: Monroe County GIS.
3. Background: Aerial (Spring 2020) obtained from http://orthos.its.ny.gov/arcgis/services.
4. Key Map basemap: ArcGIS World Street Map.
5. Monitoring well locations included in post-monitoring program were surveyed by Stantec; all other locations should be considered approximate.
6. This figure depicts compounds with identified exceedances of NYSDEC Standards and Guidance Values (SGVs) of the Restricted Residential Soil Cleanup Objectives. Results with concentrations exceeding the NYSDEC SGVs are shaded in orange. Duplicate results are indicated with a ("/").
* = In-situ waste characterization sample locations. Analytical results not depicted herein. Refer to Figure 7 and associated analytical data presented in Tables 9-16 for characterization of potentially remaining fill/soil beneath the demarcation layer.
8. Abbreviations:
mg/kg = milligrams per kilogram
ug/kg = micrograms per kilogram
PAH = polycyclic aromatic hydrocarbons
VOC = volatile organic compounds
U = Indicates that the analyte was analyzed but not detected
J = The reported result is an estimated value



Project Location
67-89 Canal Street
C. of Rochester, Monroe Co., NY 14608

Prepared by AK on 2023-10-26
Technical Review by LB/RM on 2023-12-14
Independent Review by XX on 2023-10-XX

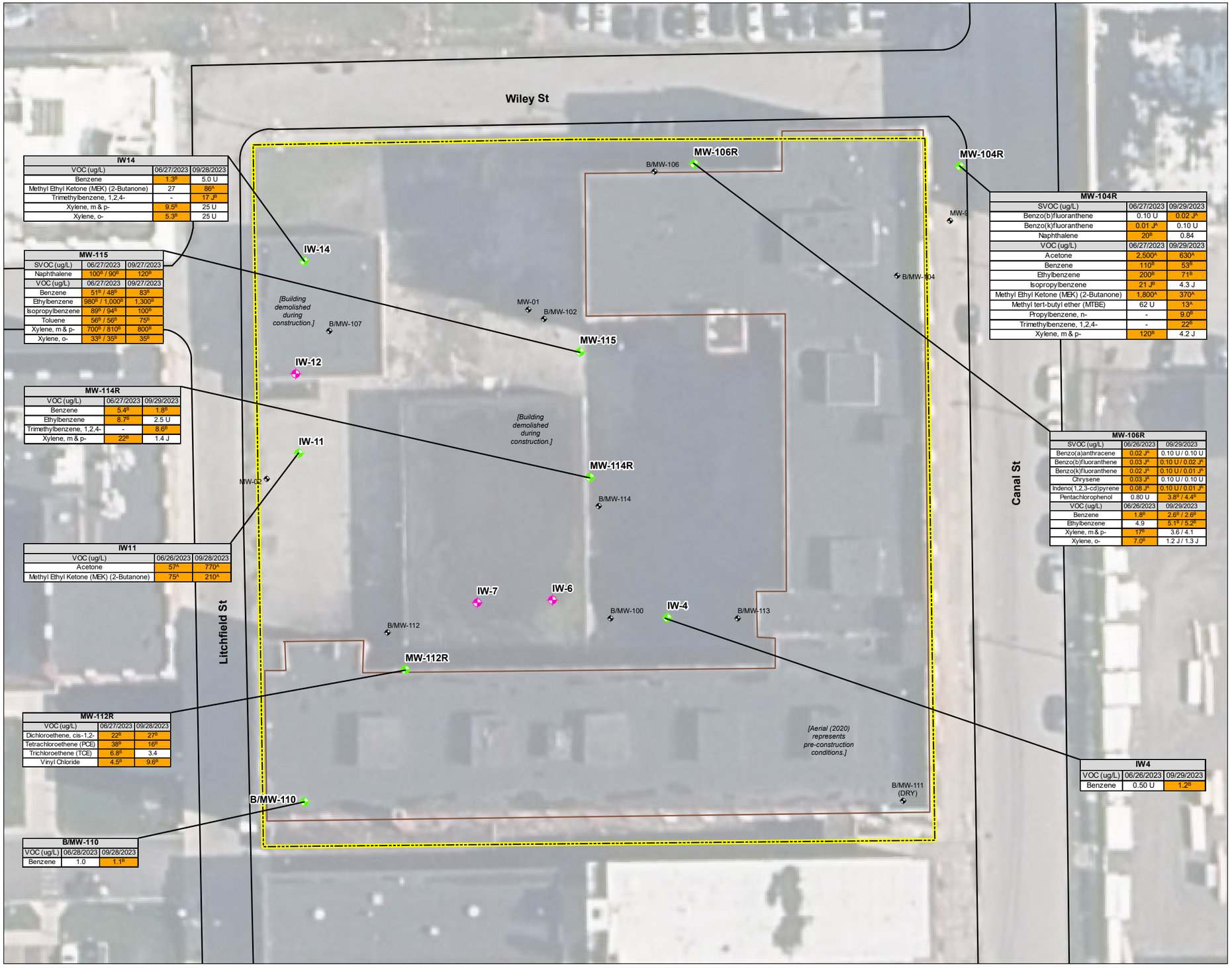
Client/Project 190500965
East House Canal Street LLC
Canal Street Manufacturing Site
Final Engineering Report (FER), BCP Site No. C828206

Figure No.
12

Title
Exceedances of NYSDEC SCOs in Investigation or Confirmatory Soil Sample Locations following Implementation of Remedial Action

U:\190500965\05_report_deliv\dwgs_design\GIS_figures\14-FER\mxd\fig12_SOexc_post_20231026_DRAFT2.mxd Revised: 2024-01-26 By: akita

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.



IW14		
VOC (ug/L)	06/27/2023	09/28/2023
Benzene	1.3[B]	5.0 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	27	86[A]
Trimethylbenzene, 1,2,4-	-	17 J[B]
Xylene, m & p-	9.5[B]	25 U
Xylene, o-	5.3[B]	25 U

MW-115		
SVOC (ug/L)	06/27/2023	09/27/2023
Naphthalene	100[B] / 90[B]	120[B]
VOC (ug/L)	06/27/2023	09/27/2023
Benzene	51[B] / 48[B]	83[B]
Ethylbenzene	980[B] / 1,000[B]	1,300[B]
Isopropylbenzene	89[B] / 94[B]	100[B]
Toluene	56[B] / 56[B]	75[B]
Xylene, m & p-	700[B] / 810[B]	800[B]
Xylene, o-	33[B] / 35[B]	35[B]

MW-114R		
VOC (ug/L)	06/27/2023	09/29/2023
Benzene	5.4[B]	1.8[B]
Ethylbenzene	8.7[B]	2.5 U
Trimethylbenzene, 1,2,4-	-	8.6[B]
Xylene, m & p-	22[B]	1.4 J

IW11		
VOC (ug/L)	06/26/2023	09/28/2023
Acetone	57[A]	770[A]
Methyl Ethyl Ketone (MEK) (2-Butanone)	75[A]	210[A]

MW-112R		
VOC (ug/L)	06/27/2023	09/28/2023
Dichloroethene, cis-1,2-	22[B]	27[B]
Tetrachloroethene (PCE)	38[B]	16[B]
Trichloroethene (TCE)	6.8[B]	3.4
Vinyl Chloride	4.5[B]	9.6[B]

B/MW-110		
VOC (ug/L)	06/28/2023	09/28/2023
Benzene	1.0	1.1[B]

MW-104R		
SVOC (ug/L)	06/27/2023	09/29/2023
Benzo(b)fluoranthene	0.10 U	0.02 J[A]
Benzo(k)fluoranthene	0.01 J[A]	0.10 U
Naphthalene	20[B]	0.84
VOC (ug/L)	06/27/2023	09/29/2023
Acetone	2,500[A]	630[A]
Benzene	110[B]	53[B]
Ethylbenzene	200[B]	71[B]
Isopropylbenzene	21 J[B]	4.3 J
Methyl Ethyl Ketone (MEK) (2-Butanone)	1,800[A]	370[A]
Methyl tert-butyl ether (MTBE)	62 U	13[A]
Propylbenzene, n-	-	9.0[B]
Trimethylbenzene, 1,2,4-	-	22[B]
Xylene, m & p-	120[B]	4.2 J

MW-106R		
SVOC (ug/L)	06/26/2023	09/29/2023
Benzo(a)anthracene	0.02 J[A]	0.10 U / 0.10 U
Benzo(b)fluoranthene	0.03 J[A]	0.10 U / 0.02 J[A]
Benzo(k)fluoranthene	0.02 J[A]	0.10 U / 0.01 J[A]
Chrysene	0.03 J[A]	0.10 U / 0.10 U
Indeno(1,2,3-cd)pyrene	0.08 J[A]	0.10 U / 0.01 J[A]
Pentachlorophenol	0.80 U	3.8[B] / 4.4[B]
VOC (ug/L)	06/26/2023	09/29/2023
Benzene	1.8[B]	2.6[B] / 2.6[B]
Ethylbenzene	4.9	5.1[B] / 5.2[B]
Xylene, m & p-	17[B]	3.6 / 4.1
Xylene, o-	7.0[B]	1.2 J / 1.3 J

IW4		
VOC (ug/L)	06/26/2023	09/29/2023
Benzene	0.50 U	1.2[B]

Stantec

Legend

- Sample and Gauging Location
- Gauging Location
- Abandoned/Damaged Wells
- Street Edge of Pavement
- Approximate Existing Building Boundary
- Site Boundary

N

0 30 60 Feet

(At original document size of 11x17)
1:480

Notes:
1. Coordinate System: NAD 1983 State Plane New York West FIPS 3103 Feet.
2. Data Sources: Monroe County GIS.
3. Background: Aerial (Spring 2020) obtained from: http://orthos.its.ny.gov/arcgis/services.
4. Key Map basemap: ArcGIS World Street Map.
5. Monitoring well locations included in post-monitoring program were surveyed by Stantec; all other locations should be considered approximate.
6. Data from pre-remediation groundwater events were reported in the RIR (Stantec, 2020).
7. This figure depicts compounds with identified exceedances of NYSDEC Standards and Guidance Values (SGVs). Exceedances of common, naturally-occurring mettals such as iron, sodium, and manganese are not included. Refer to Report Tables for a complete tabulation of groundwater analytical data. Results with concentrations exceeding the NYSDEC SGVs are shaded in orange. Duplicate results are indicated with a ("/").
8. Abbreviations:
ug/L = micrograms per Liter
VOC = volatile organic compounds
SVOC = semi-volatile organic compounds
U = Indicates that the analyte was analyzed but not detected
J = The reported result is an estimated value
A = TOGS 1.1.1 - Table 1 - Ambient Water Quality Standards and Guidance Values, Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1); Guidance
B = TOGS 1.1.1 - Table 1 - Ambient Water Quality Standards and Guidance Values, Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1); Standards



Project Location
67-89 Canal Street
C. of Rochester, Monroe Co., NY 14608

Prepared by AK on 2023-10-26
Technical Review by LB on 2023-10-20
Independent Review by XX on 2023-10-XX

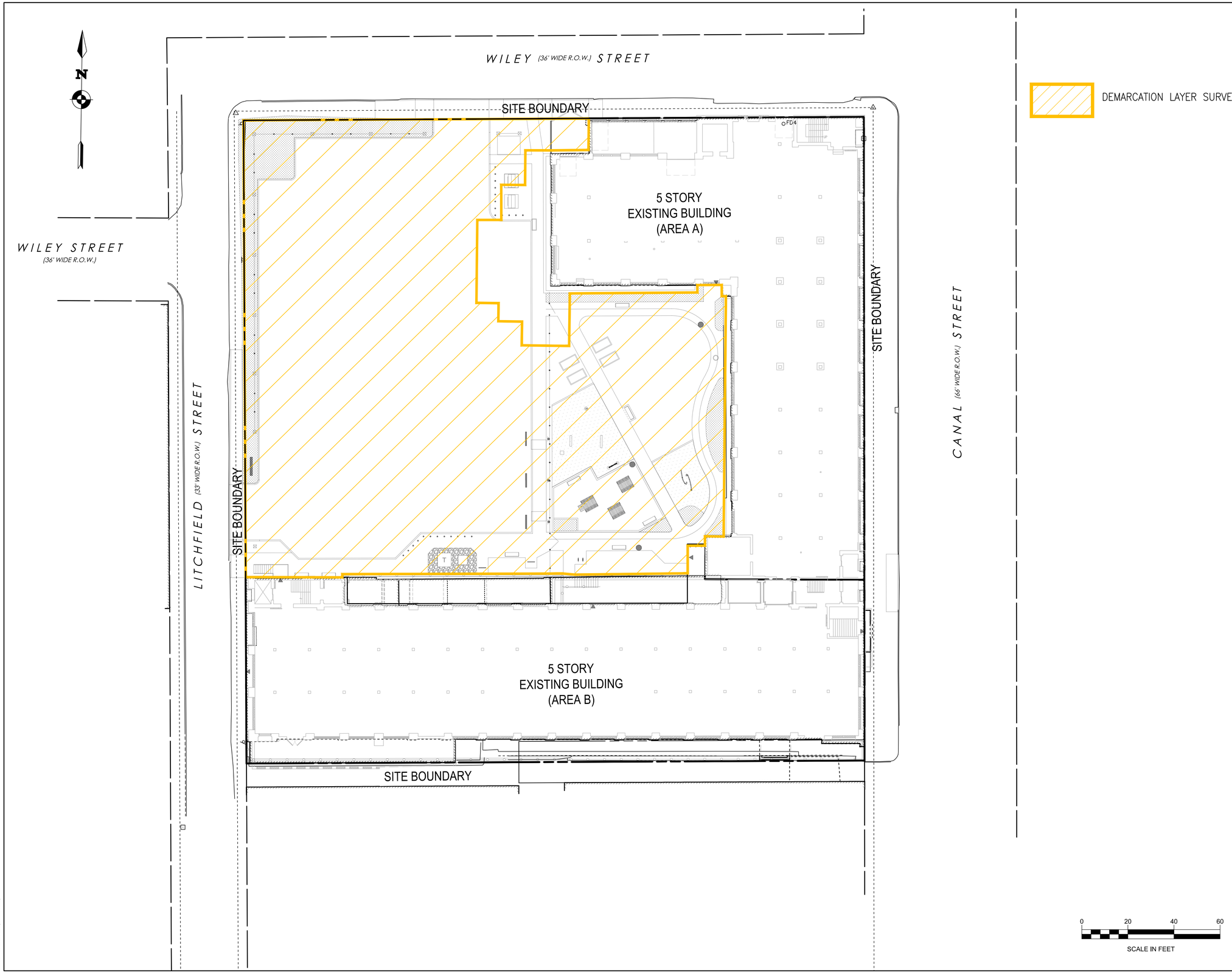
Client/Project 190500965
East House Canal Street LLC
Canal Street Manufacturing Site
Final Engineering Report (FER), BCP Site No. C828206

Figure No.
12A

Title
Exceedances of NYSDEC Standards and Guidance Values in Groundwater Samples following Implementation of Remedial Action

U:\190500965\05_report_deliv\dwgs_design\GIS_figures\14-FER\mxd\fig12a_GWexc_post_20231026_DRAFT2.mxd Revised: 2024-01-25 By: akita

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.



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

Notes

Revision	By	Appd.	YY.MM.DD

Issued	By	Appd.	YY.MM.DD
SITE MANAGEMENT PLAN	APL	DH/AM	23.12.XX

File Name:	Dwn.	Chkd.	Dsgn.	YY.MM.DD
Figure 13 – Demarcation Layer Survey.dwg	APL	DH/RA	RM/LB	19.07

Permit-Seal

Client/Project
EAST HOUSE CANAL STREET LLC
CANAL STREET MANUFACTURING SITE

FINAL ENGINEERING REPORT (FER)
BCP SITE NO. C828206
67 - 89 CANAL STREET, ROCHESTER, NY

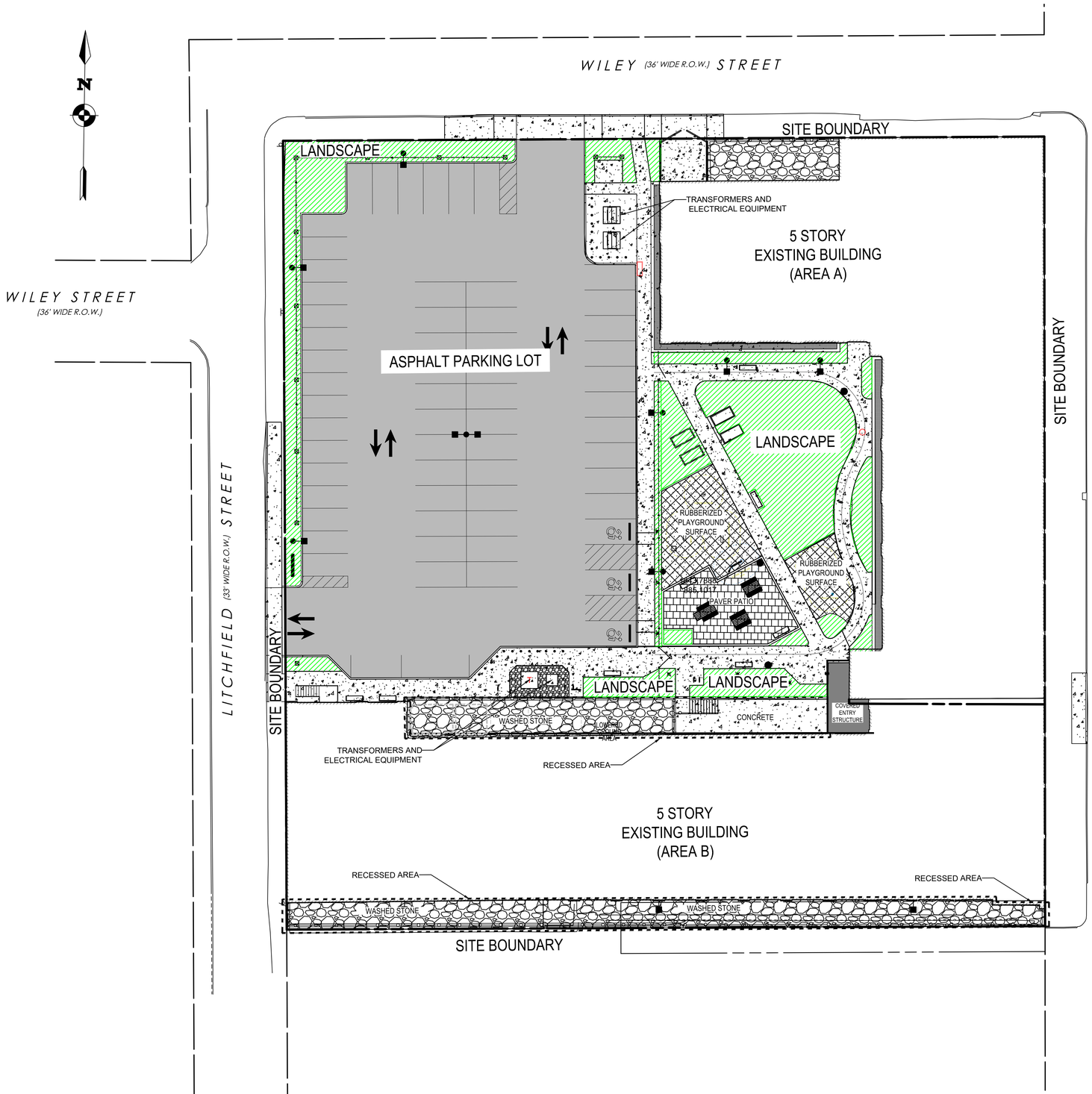
Title
DEMARCATION LAYER SURVEY

Project No. 190500965
Scale AS SHOWN

Drawing No.
FIGURE 13

\\US027-PPFSS01\shared_projects\190500965\05_report_dwkv\dwgs_design\GIS_figures\14-FER\ccad\Figure 13 - Demarcation Layer Survey.dwg
2024/01/29 2:13 PM By: Less, Andy

ORIGINAL SHEET - ANSI D



LEGEND

- AREAS WITH MINIMUM 2 FEET - THICK CLEAN SOIL COVER
- ASPHALT CAP
- AREAS WITH CONCRETE CAP
- RUBBERIZED PLAYGROUND SURFACE
- PATIO BLOCKS
- WASHED STONE AND CRUSHER RUN #2

0 20 40 60

SCALE IN FEET

Stantec

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

Notes

1. PLAN ADAPTED FROM BASE PLAN BY STANTEC

Revision	By	Appd.	YY.MM.DD
FINAL ENGINEERING REPORT	APL	DH/RA	23.12.22
Issued	By	Appd.	YY.MM.DD

Figure 14 – Site Cover Types.dwg

File Name:	APL	DH/RA	RM/LB	19.07
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project

EAST HOUSE CANAL STREET LLC
CANAL STREET MANUFACTURING SITE

FINAL ENGINEERING REPORT (FER)
BCP SITE NO. C828206

67 - 89 CANAL STREET, ROCHESTER, NY

Title

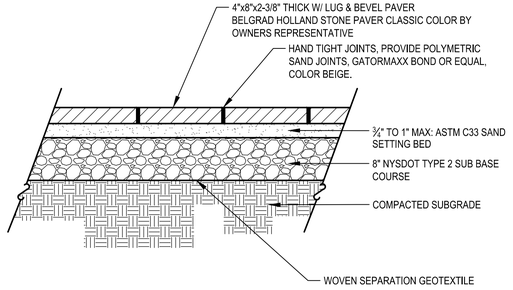
Project No.
190500965

Scale

Drawing No.

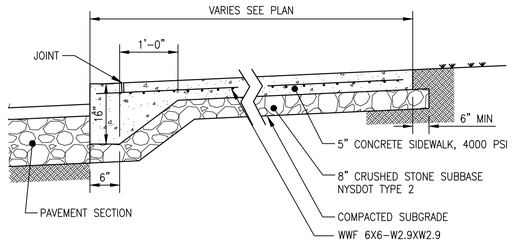
\\US0275-PPFSS01\shared_projects\190500965\05_report_deliv\dwgs_design\GIS_figures\14-FER\cad\Figure 14 - Site Cover Types.dwg
2024/01/29 3:01 PM By: Lees, Andy

ORIGINAL SHEET - ANSI D



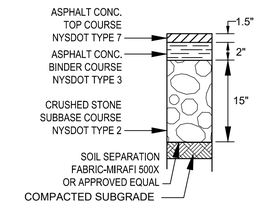
1 / 15A — PAVER DETAIL

N.T.S.



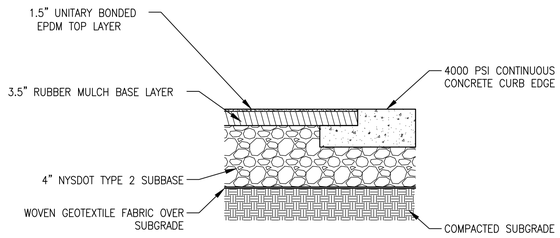
2 / 15A — CONCRETE INTEGRAL CURB & SIDEWALK ON PRIVATE PROPERTY

N.T.S.



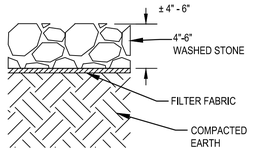
3 / 15A — ASPHALT PAVING SECTION

N.T.S.



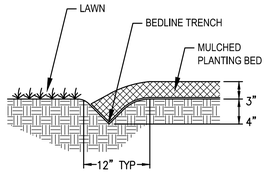
4 / 15A — PLAYGROUND SURFACING

N.T.S.



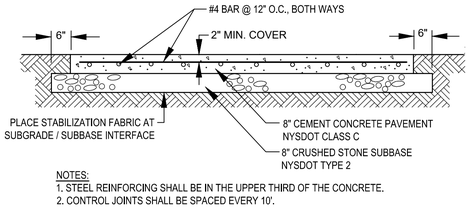
5 / 15A — WASHED STONE

N.T.S.



6 / 15A — PLANTING BED EDGE TREATMENT

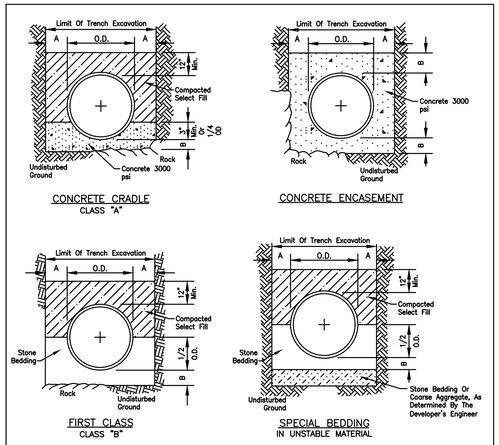
N.T.S.



NOTES:
1. STEEL REINFORCING SHALL BE IN THE UPPER THIRD OF THE CONCRETE.
2. CONTROL JOINTS SHALL BE SPACED EVERY 10'.

7 / 15A — CONCRETE DUMPSTER PAD DETAIL

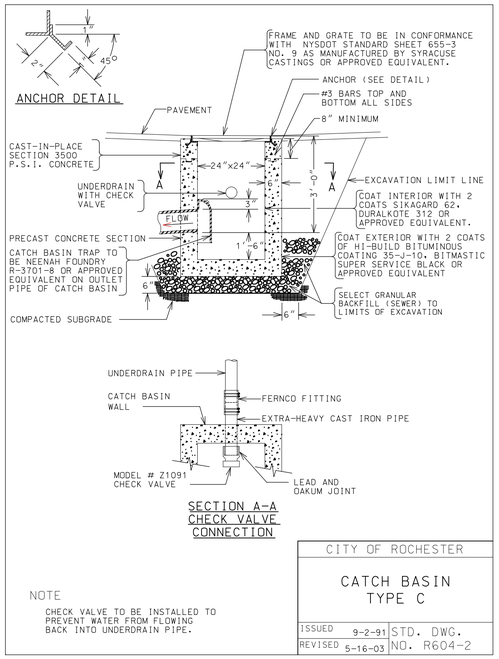
N.T.S.



PIPE DIA.	DIM. A	DIM. B
UP TO 18"	1.0'	6"
21" TO 36"	1.5'	9"
OVER 36"	1.5'	12"

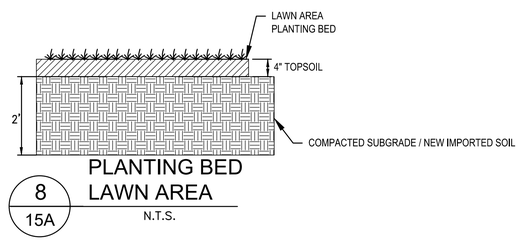
NOTES:
1. Trench backfill shall be as required by the highway owner.
2. Select fill shall be sand, gravel, and similar material which shall be free from clay, loam, organic material, debris, frozen material and shall contain only small amounts of stone, pebbles, or lumps over one inch in greatest dimension, but none over two inches in greatest dimension.
3. Stone bedding shall mean approved imported aggregate meeting the requirements of the New York State Department of Transportation, Standard Specification, "Crushed Stone", primary size 1 or a mixture of primary size 1 and 2, washed.
4. Coarse aggregate shall mean approved imported aggregate meeting the requirements of the New York State Department of Transportation, Standard Specification, "Crushed Stone", primary size 3 or a mixture of primary size 3 and 4.
5. This Figure 1.01 applies to Pure Waters sanitary, storm, and combined mainline sewers and lateral pipe installations, as well as forcemains.

MONROE COUNTY PURE WATERS		
FEB. 2005	BEDDING DETAILS	FIGURE 1.01



NOTE
CHECK VALVE TO BE INSTALLED TO PREVENT WATER FROM FLOWING BACK INTO UNDERDRAIN PIPE.

CITY OF ROCHESTER		
CATCH BASIN TYPE C		
ISSUED 9-2-91	STD. DWG. NO. R604-2	
REVISED 5-16-03		



8 / 15A — PLANTING BED LAWN AREA

N.T.S.

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

Notes

Revision	By	Appd.	YY.MM.DD
FINAL ENGINEERING REPORT	APL	DH/RA	23.12.22
Issued	By	Appd.	YY.MM.DD
File Name: Figure 14a Cover Type Details.dwg	APL Dwn.	DH/RA Chkd.	RM/LB Dsgn.	19.07 YY.MM.DD

Permit-Seal

Client/Project
EAST HOUSE CANAL STREET LLC
CANAL STREET MANUFACTURING SITE

FINAL ENGINEERING REPORT (FER)
BCP SITE NO. C828206
67 - 89 CANAL STREET, ROCHESTER, NY

Title
SITE COVER TYPES DETAILS

Project No. 190500965
Scale AS SHOWN
Drawing No.
FIGURE 14A

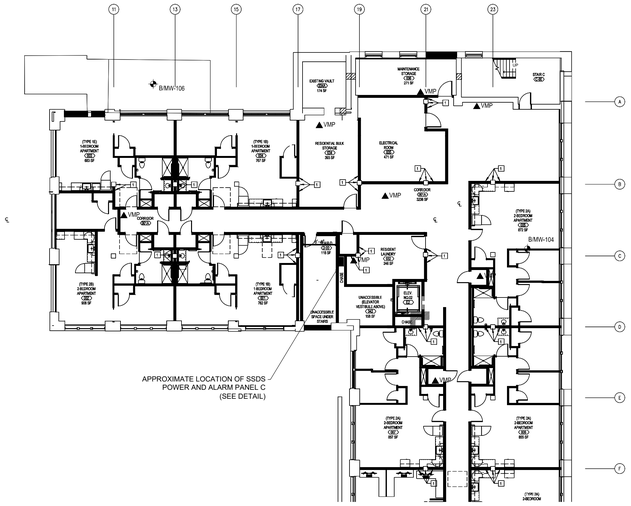
\\US0272-PPFSS01\shared_projects\190500965\05_report_dwkv\dwgs_design\GIS_figures\1-4-FER\cad\Figure 14a Cover Type Details.dwg
2024/01/29 3:03 PM By: Less, Andy
ORIGINAL SHEET - ANSI D

GENERAL NOTES

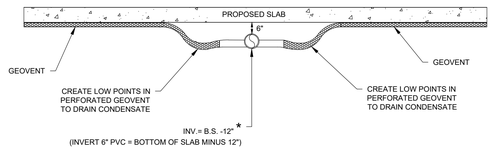
1. ALL SSDS COMPONENT LOCATIONS ON DRAWINGS ARE APPROXIMATE AND THEIR LOCATIONS MUST BE CONFIRMED WITH FINAL BUILDING REDEVELOPMENT PLANS AND IN THE FIELD PRIOR TO ANY WORK ON THE SSDS INSTALLATION.
2. ALL POLYVINYL CHLORIDE (PVC) PIPING SHALL BE SOLID WALL, PRESSURE RATED PIPING, MEETING THE REQUIREMENTS OF ASTM D 2241, ASTM D 1785 OR ASTM F 480. ALL PVC PIPING IS SUBJECT TO FINAL APPROVAL BY THE ENGINEER.
3. ALL PIPING SHALL MAINTAIN A MINIMUM OF 1% SLOPE DRAINING TOWARDS THE GEOVENT TO ENSURE THAT CONDENSATE FLOWS DOWN THE RISERS TO THE SUBSURFACE.
4. LOCATION OF VACUUM MONITORING POINTS ARE SHOWN IN APPROXIMATE LOCATIONS.

LEGEND

- VMP — VAPOR MONITORING POINTS
- J1 — SUCTION POINT LOCATION (J POINTS J16, J17, J18 RESERVED)
- VERTICAL DISCHARGE PIPING
- SOLID PVC COLLECTION PIPE (PVC)
- GEOVENT WITH CAPPED END
- CROSS TEE AND ECCENTRIC CONNECTION TO GEOVENT
- DIFFERENTIAL PRESSURE GAUGES AND WARNING LIGHTS
- CONDENSATE FLOW DIRECTION / PIPE SLOPE
- SUB-SLAB DEPRESSURIZATION ZONES



1 TERRACE FLOOR PLAN (AREA A)
1/16" = 1'-0"
FILE:

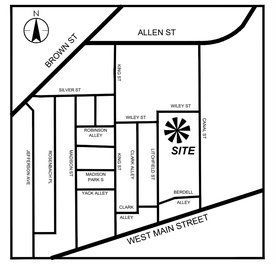


* SEE PLAN FOR DEPTHS

PIPE / GEOVENT CONNECTION AND LOWPOINT DETAIL
N.T.S.

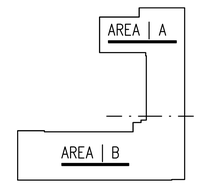
2 SUB-SLAB DEPRESSURIZATION PLAN - SSDS) (AREA A)
1/8" = 1'-0"
FILE:

SEE APPENDIX FOR ENTIRE SSDS RECORD DRAWINGS



LOCATION MAP
N.T.S.

BCP SITE NO. C828206
FINAL ENGINEERING REPORT (FER)
FIGURE 15



KEY PLAN

plan ARCHITECTURAL STUDIO
plan
Architectural Studio, PC
250 South Avenue, Suite 100
Rochester, New York 14604
t. 585.454.4230
f. 585.454.4237
www.planpc.com

Stantec
Stantec Consulting Services Inc.
61 Commercial Street, Suite 100
Rochester NY U.S.A.
14614-1009
Tel. 585.475.1440
Fax. 585.272.1814
www.stantec.com

EAST HOUSE CANAL STREET LLC
CANAL STREET MANUFACTURING SITE
67-89 CANAL STREET
ROCHESTER, NEW YORK 14608

SUB-SLAB DEPRESSURIZATION PLAN (SSDS) (AREA A)

CONSTRUCTION PERMIT DOCUMENTS

DRAWING REVISIONS

REVISION	
1	FINAL ENGINEERING REPORT 12/15/2023

STAMP HERE

Notice:
It is a violation of law for any person, unless acting under the direction of a licensed architect, to alter any item on this document in any way. Any licensee who alters this document is required by law to afix his/her seal and the notation 'altered by' followed by his/her signature and a specific description of alterations.

PLAN PROJECT No.
081.18.01.01

DATE
DEC 15, 2023

vm100

Call 811 before you dig

© PLAN ARCHITECTURAL STUDIO, PC

\\US0275-PPFSS01\shared_projects\190500965\05_report_deliv\dwgs_design\GIS_figures\14-FER\cad\SSDS\FER Drawing VM100_VM101 Collection System - Field Revised 5-2023\VM100_VM101 Collection System - 051722023.dwg
2024-01-29 3:13 PM By plans, Andy

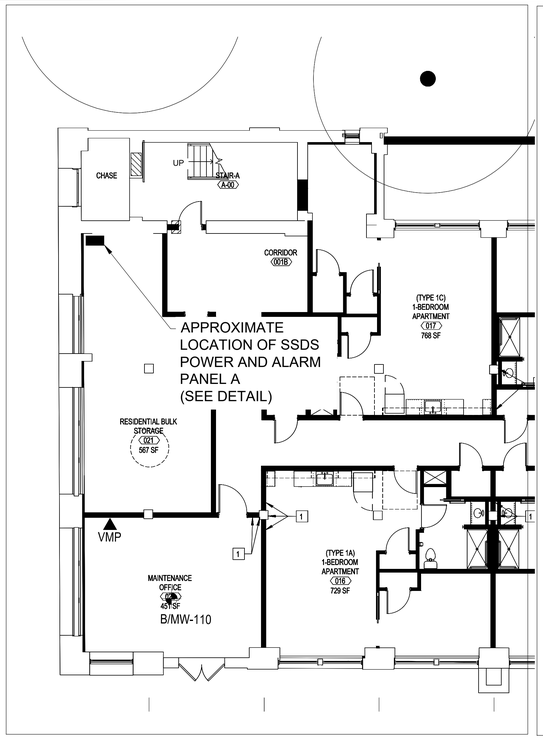
GENERAL NOTES

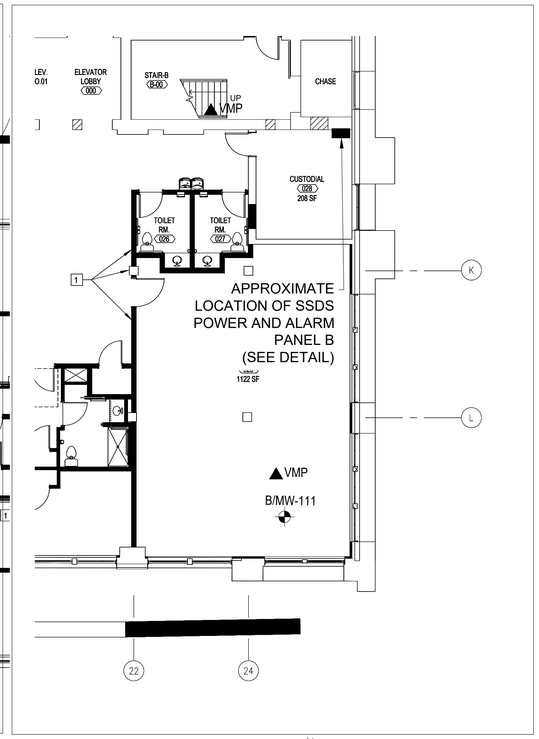
1. ALL SSDS COMPONENT LOCATIONS ON DRAWINGS ARE APPROXIMATE AND THEIR LOCATIONS MUST BE CONFIRMED WITH FINAL BUILDING REDEVELOPMENT PLANS AND IN THE FIELD PRIOR TO ANY WORK ON THE SSDS INSTALLATION.
2. ALL POLYVINYL CHLORIDE (PVC) PIPING SHALL BE SOLID WALL, PRESSURE RATED PIPING, MEETING THE REQUIREMENTS OF ASTM D 2241, ASTM D 1785 OR ASTM F 480. ALL PVC PIPING IS SUBJECT TO FINAL APPROVAL BY THE ENGINEER.
3. ALL PIPING SHALL MAINTAIN A MINIMUM OF 1% SLOPE DRAINING TOWARDS THE GEOVENT TO ENSURE THAT CONDENSATE FLOWS DOWN THE RISERS TO THE SUBSURFACE.
4. LOCATION OF VACUUM MONITORING POINTS ARE SHOWN IN APPROXIMATE LOCATIONS.

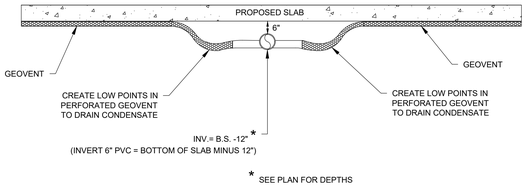
SEE APPENDIX FOR ENTIRE SSDS RECORD DRAWINGS

LEGEND

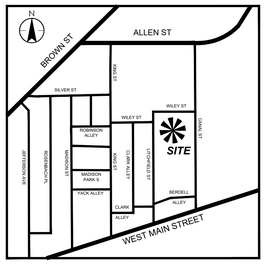
- ▲VMP — VAPOR MONITORING POINTS
- •J1 — SUCTION POINT LOCATION
- ○ — VERTICAL DISCHARGE PIPING
- SOLID PVC COLLECTION PIPE (PVC)
- GEOVENT WITH CAPPED END
- I — CROSS TEE AND ECCENTRIC CONNECTION TO GEOVENT
- DIFFERENTIAL PRESSURE GAUGES AND WARNING LIGHTS
- CONDENSATE FLOW DIRECTION / PIPE SLOPE
- SUB-SLAB DEPRESSURIZATION ZONES



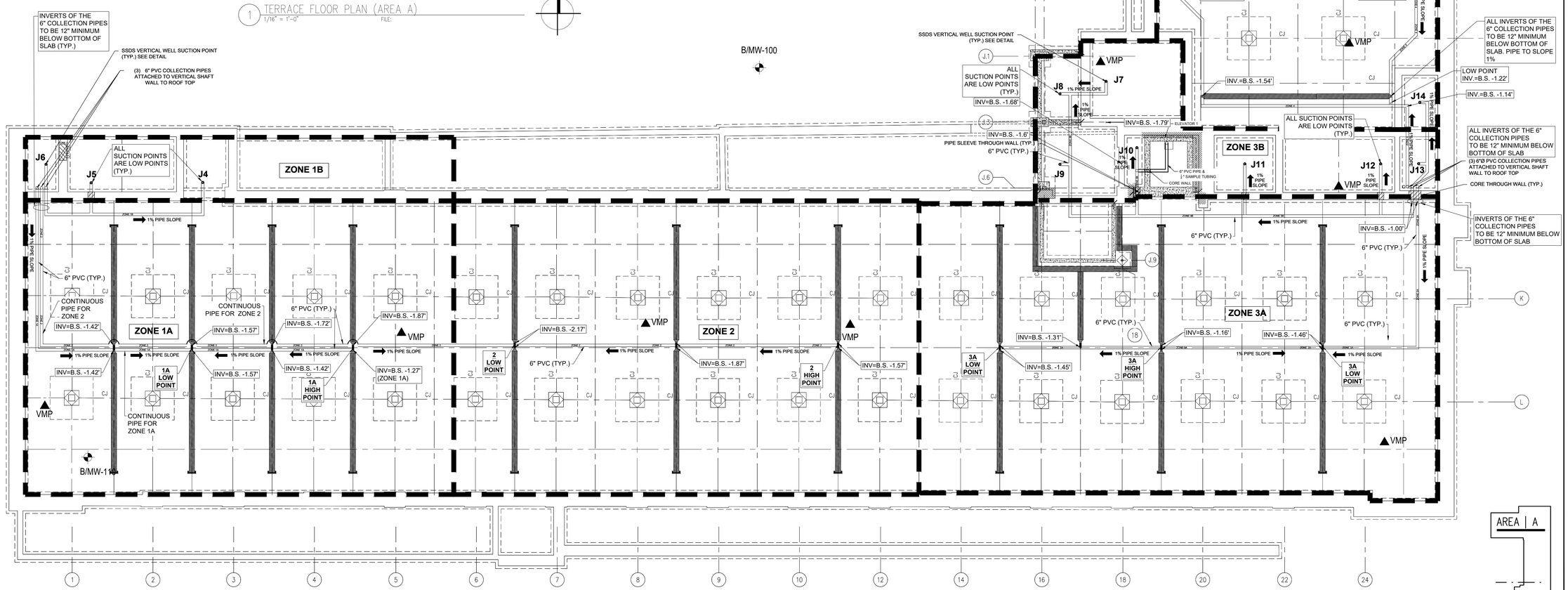




PIPE / GEOVENT CONNECTION AND LOWPOINT DETAIL
N.T.S.



LOCATION MAP
N.T.S.



1 TERRACE FLOOR PLAN (AREA A)
1/16" = 1'-0" FILE:

2 SUB-SLAB DEPRESSURIZATION PLAN - SSDS)(AREA B)
1/8" = 1'-0" FILE:

AREA | A
AREA | B
KEY PLAN

BCP SITE NO. C828206
FINAL ENGINEERING REPORT (FER)
FIGURE 15A

plan ARCHITECTURAL STUDIO
plan Architectural Studio, PC
230 South Avenue, Suite 100
Rochester, New York 14604
t. 585.454.4230
f. 585.454.4237
www.planpc.com

Stantec
Stantec Consulting Services Inc.
61 Commercial Street, Suite 100
Rochester NY U.S.A.
14614-1009
Tel. 585.475.1440
Fax. 585.272.1814
www.stantec.com

EAST HOUSE CANAL STREET LLC
CANAL STREET MANUFACTURING SITE
67-89 CANAL STREET
ROCHESTER, NEW YORK 14608

SUB-SLAB DEPRESSURIZATION PLAN (SSDS) (AREA B)
CONSTRUCTION PERMIT DOCUMENTS

DRAWING REVISIONS

REVISION
1 - FINAL ENGINEERING REPORT 10/16/2023

STAMP HERE

Notice:
It is a violation of law for any person, unless acting under the direction of a licensed architect, to alter any item on this document in any way. Any licensee who alters this document is required by law to affix his/her seal and the notation 'altered by' followed by his/her signature and a specific description of alterations.

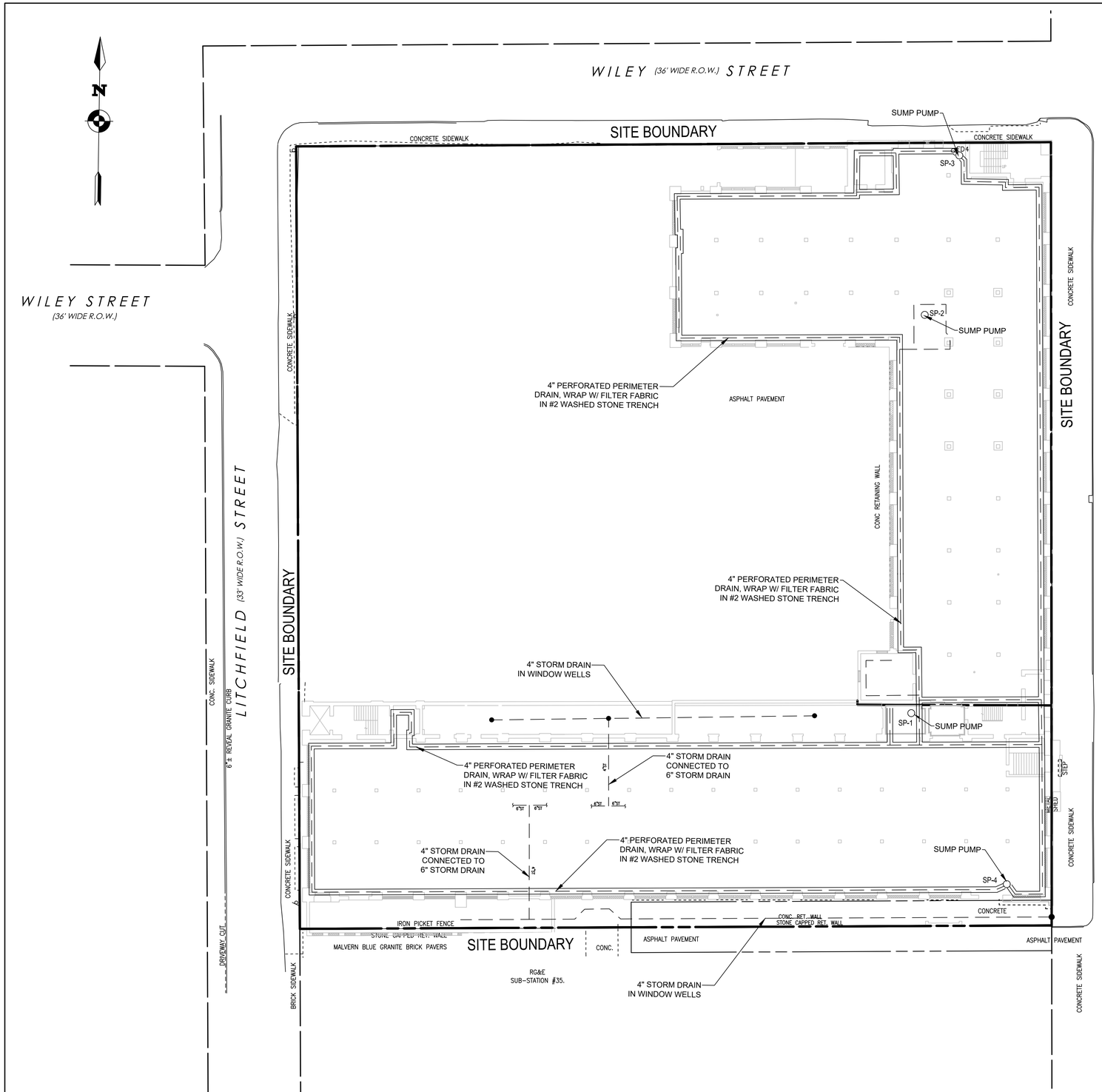
PLAN PROJECT No.
081.18.01.01

DATE
DEC 15, 2023

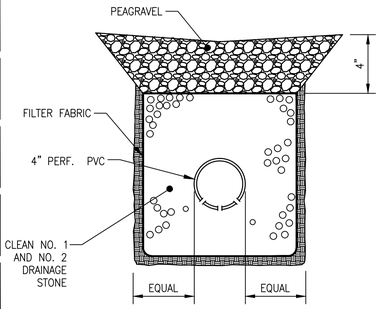
vm101

©PLAN ARCHITECTURAL STUDIO, PC

\\JOB275-PRTSS01\Project_projects\105000960\05_report_dev\Layout_design\05_figures\14-FER\cad\SSDS\FER Drawing M100_M101 Collection System - Field Revised 5-2023\M100_M101 Collection System - 05172023.dwg
2024-01-29 3:11 PM By:cadc, Andy

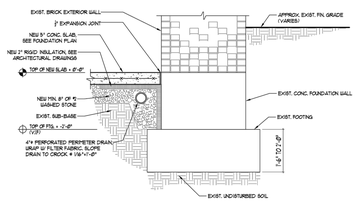


4" PERFORATED PERIMETER DRAIN, WRAP W/ FILTER FABRIC IN #2 WASHED STONE TRENCH



4" UNDER-DRAIN
DETAIL IN WINDOW WELLS

N.T.S.



EXTERIOR FOUNDATION WALL AND FOOTING SECTION

0 20 40 60

SCALE IN FEET

Stantec

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

Notes

Revision	By	Appd.	YY.MM.DD
FINAL ENGINEERING REPORT	APL	DH/RA	23.12.22
Issued	By	Appd.	YY.MM.DD

Figure 16 – Perimeter Drain And Elevator Sump.dwg

File Name:	APL	DH/RA	RM/LB	19.07
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project
EAST HOUSE CANAL STREET LLC
CANAL STREET MANUFACTURING SITE

FINAL ENGINEERING REPORT (FER)
BCP SITE NO. C828206
67 - 89 CANAL STREET, ROCHESTER, NY

Title
PERIMETER DRAIN AND ELEVATOR SUMP PLUMBING PLAN AND DETAILS

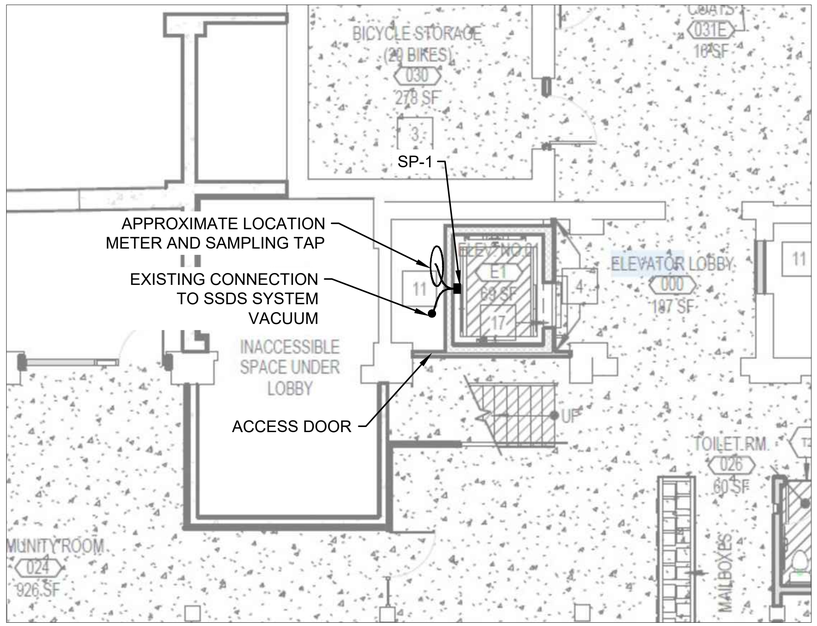
Project No.
190500965

Scale
AS SHOWN

Drawing No.
FIGURE 16

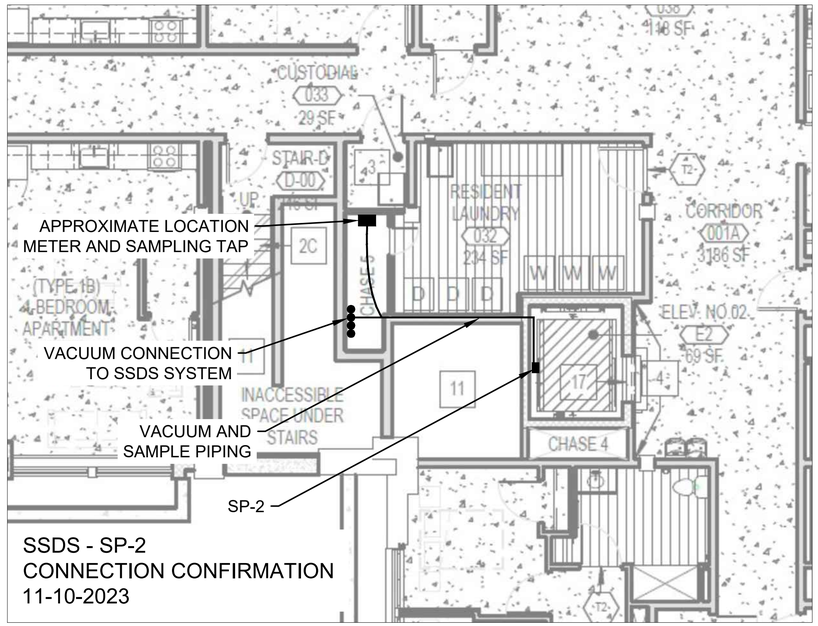
\\US0275-PPFSS01\shared_projects\190500965\05_report_dsklv\dwgs_design\GIS_figures\14-RER\cad\Figure 16 - Perimeter Drain And Elevator Sump.dwg
2024/01/29 3:04 PM By: Lass, Andy

ORIGINAL SHEET - ANSI D



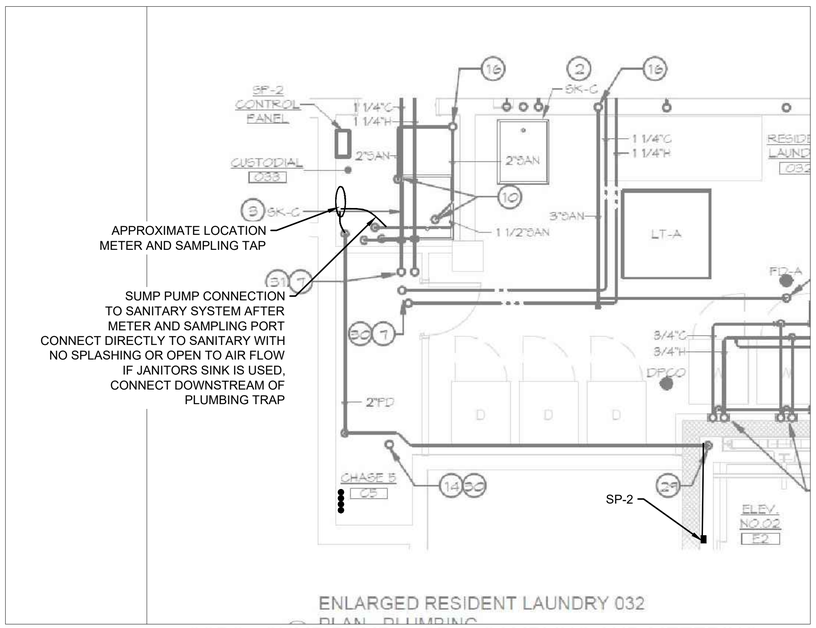
SSDS - SUMP PUMP 1 (SP-1) CONNECTION

N.T.S.



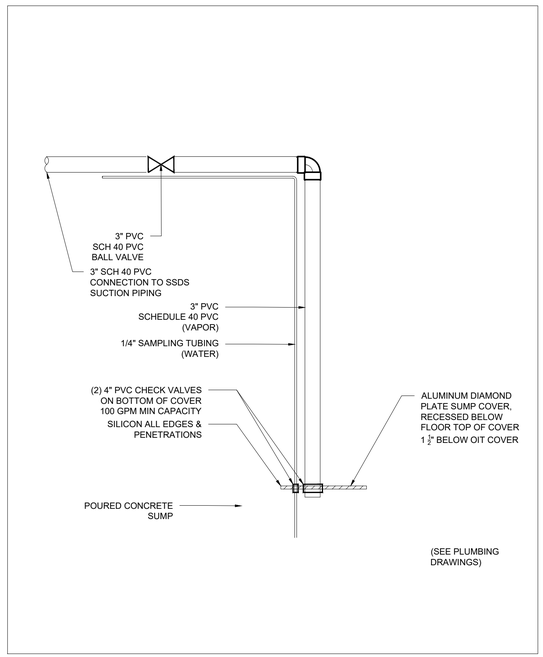
SSDS - SUMP PUMP 2 (SP-2) CONNECTION

N.T.S.



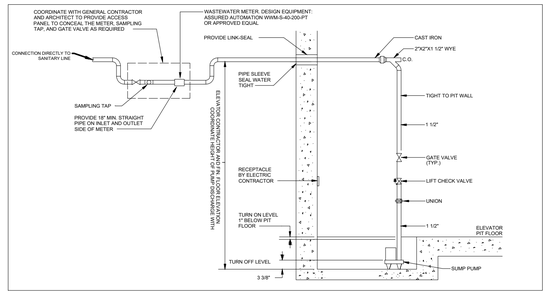
SSDS - SUMP PUMP 2 (SP-2) SAMPLING AND METERING

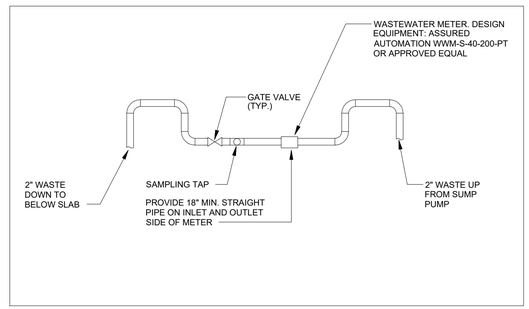
N.T.S.



SSDS - SUMP PUMP CONNECTION

N.T.S.





SSDS - SP-1 THRU SP-4 METERING AND SAMPLING

N.T.S.

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

Notes

Revision	By	Appd.	YY.MM.DD
FINAL ENGINEERING REPORT	APL	DH/RA	23.12.22
Issued	By	Appd.	YY.MM.DD
File Name: Figure 16a – Elevator Sump Details.dwg	Dwn.	Chkd.	Dsgn.	YY.MM.DD
	APL	DH/RA	RM/LB	19.07

Permit-Seal

Client/Project

EAST HOUSE CANAL STREET LLC
CANAL STREET MANUFACTURING SITE

FINAL ENGINEERING REPORT (FER)
BCP SITE NO. C828206

67 - 89 CANAL STREET, ROCHESTER, NY

Title

SSDS - SUMP DESIGN DETAILS

Project No. 190500965

Scale AS SHOWN

Drawing No.

FIGURE 16A

\\US027-PPFSS01\shared_projects\190500965\05_report_dwk\dwgs_design\GIS_figures\14-FER\cad\Figure 16a - Elevator Sump Details.dwg
2024/01/29 3:05 PM By: Less, Andy

ORIGINAL SHEET - ANSI D

APPENDIX A

Survey Map, Metes, and Bounds

APPENDIX B

Digital Copy of FER

APPENDIX C

Weekly and Monthly Progress Reports

APPENDIX D

NYSDEC Approvals

APPENDIX E

Remediation Related Permits

APPENDIX F

Photo Log

APPENDIX G

CAMP Documentation

APPENDIX H

Exported Material Documentation

APPENDIX I

Analytical Laboratory Reports

APPENDIX J

Disposal Facility Approvals

APPENDIX K

Data Usability Summary Report

APPENDIX L

Asbestos and Mold Clearance Reports

APPENDIX M

Imported Materials Documentation

APPENDIX N

Soil Boring and Well Logs

APPENDIX O

Environmental Easement

APPENDIX P

EC As-Built Drawing and Documentation