NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road, Avon, NY 14414-9516
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www.dec.ny.gov

July 2, 2020

Mr. Joseph Lobozzo II
Ridgecrest Associates, L.P.
135 Orchard Park Blvd
Rochester, NY 14609

Re: 820 Linden Ave Site (#C828200)
820 Linden Ave, Pittsford, NY 14625
IRM Work Plan #4 Surface Soil Cap;
July 15, 2020

Dear Mr. Lobozzo II;

The New York State Departments of Environmental Conservation (NYSDEC) and Health (NYSDOH; collectively referred to as the Departments) have completed their review of the document entitled *"Interim Remedial Measures Work Plan #4"* (the Work Plan) dated July 15, 2020 and prepared by Stantec for the 820 Linden Ave Brownfield Cleanup Program (BCP) site located in the Town of Pittsford, Monroe County. In accordance with 6 NYCRR Part 375-1.6, the Departments have determined that the Work Plan substantially addresses the requirements of the Brownfield Cleanup Program. The Work Plan is hereby approved.

Please notify me at least 7 days in advance of the start of field activities.

By **July 17, 2020** please attach a copy of this letter to the Work Plan and distribute the approved Work Plan as follows:

- Tasha Mumbrue (1 hard copy with an original signature on the certification page);
- Kristin Kulow (NYSDOH – Oneonta, electronic file/CD); and
- The document repository at the Pittsford Community Library located at 24 State St. Pittsford, NY 14534 (1 bound hard copy).

If you have questions or concerns, please contact me at (585) 226-5459 or tasha.mumbrue@dec.ny.gov.

Sincerely,

Tasha Mumbrue
Geologist Trainee

ec:

Mike Storonsky, Stantec
Stephanie Reynolds Smith, Stantec
Dwight Harrienger, Stantec
Justin Deming, NYSDOH
Kristin Kulow, NYSDOH
Linda Shaw, Knauf Shaw LLP
Dusty Tinsley, NYSDEC
David Pratt, NYSDEC
Frank Sowers, NYSDEC
Michael Cruden, NYSDEC

Revised Interim Remedial Measure
Work Plan #4 - Surface Soil Cap
820 Linden Ave BCP Site #828200
820 Linden Avenue
Pittsford, Monroe County, New York

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

Prepared on behalf of:
Ridgecrest Associates, L.P.
135 Orchard Park BV
Rochester, New York 14609

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

June 2020

Stantec

Certification

I, Kevin Ignaszak, of Stantec Consulting Services Inc., certify that I am currently a New York State-registered professional engineer and that this *Interim Remedial Measure Work Plan #4* was prepared in general accordance with applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

6/15/2020

_____ _____

Signature Date

Stantec

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1.0 INTRODUCTION

This document presents the Interim Remedial Measures (IRM) Work Plan #4 (IRM WP#4 or "Work Plan") for the Brownfield Cleanup Program (BCP) 820 Linden Ave Site #C828200, located at 820 Linden Avenue in Pittsford, Monroe County, New York (the "Site"). A map showing the Site location is presented on Figure 1. Stantec Consulting Services Inc. (Stantec) prepared this Work Plan on behalf of Ridgecrest Associates, L.P., the property owner and BCP "Participant", for submission to the New York State Department of Environmental Conservation (NYSDEC). This Work Plan identifies the proposed IRM tasks and remedial technologies to be completed in general accordance with the BCP and NYSDEC's DER-10 Technical Guidance for Site Investigation and Remediation (DER-10; NYSDEC, 2010a).

1.1 PURPOSE AND CONTENTS OF WORK PLAN

A Remedial Investigation (RI) was conducted pursuant to the Remedial Investigation Work Plan (RIWP) dated September 2017 and conditionally approved by NYSDEC on May 21, 2018. During the RI, as part of the surface soil sampling program, a composite sample comprised of soil from three grab locations near the eastern property boundary indicated shallow benzo(a)pyrene impacts. SRIWP#2, dated March 19, 2020 and approved by NYSDEC on March 31, 2020, was prepared to take discrete samples at the locations of the RI composite to better delineate those impacts. The discrete sampling results each demonstrated benzo(a)pyrene impacts.

To provide a timely response to these findings, IRM#4 is proposed herein to address AOC-4 (surface soil), to protect public health and the environment for the intended Commercial/ Industrial use of the property.

This IRM WP#4 includes the following items:

- A summary of the RI and SRI#2;
- A description of the proposed IRM;
- Plans for covering the impacted surface soil; and
- A schedule for implementation and reporting.

1.2 ADDITIONAL PLANS

Additional complementary plans, including a Quality Assurance Project Plan (QAPP), Health and Safety Plan (HASP), and Community Air Monitoring Plan (CAMP) were prepared to supplement the RIWP and were updated to support IRM activities in IRM WP#2. These documents are also applicable to the activities proposed in this IRM WP#4. The IRM activities will be performed in accordance with this Work Plan and each of the following complementary plans:

- **QAPP:** Outlines the procedures to be used to assure that analytical results obtained as part of IRM WP#4 meet data quality objectives. The QAPP presented in the RIWP will be utilized with the addendum provided in IRM WP#2.

- **HASP:** Describes personal safety protection standards and procedures to be followed by Stantec personnel during the IRM field tasks (see IRM WP#2). Subcontractors will be required to develop their own HASP, as well as to meet pertinent health and safety regulations.
- **CAMP:** Describes procedures for monitoring and controlling air quality issues related to VOCs and particulates (dust) that may arise during remedial excavation activities (see IRM WP#2). This includes the generic DER-10 CAMP. The May 21, 2018 comments provided by NYSDEC on the RIWP which outline CAMP procedures to be followed close to the occupied building do not apply to IRM#4 as this area is not in close proximity to the building.

2.0 BACKGROUND

2.1 SITE DESCRIPTION AND HISTORY

The Site description and history were presented in detail in IRM WP#2.

2.2 IDENTIFICATION OF SCGS

The regulatory Standards, Criteria and Guidelines (SCGs) established for environmental media at the Site is based on the intended future use of the property, which is not anticipated to change. The Site is anticipated to remain industrial. However, for flexibility in terms of potential future use and as a conservative approach, the Commercial Clean-Up track was selected for this Site. Therefore, the IRM is intended to attain conditions at the Site which are protective of the Track 4 Commercial Use of the Site and are protective of public health and the environment. The specific SCGs are discussed in detail, below.

Sampling beyond waste characterization is not anticipated as part of IRM#4, but if unanticipated conditions are encountered during installation of the cap and other sampling is deemed necessary, results will be compared to New York Codes, Rules and Regulations (NYCRR) Part 375 Restricted Use Soil Cleanup Objectives (SCOs) for Commercial and Industrial Uses. Pursuant to 6 NYCRR 375-6.5, the POGW SCOs are applicable when (1) soil contamination is present at levels exceeding POGW SCOs and (2) groundwater is impacted by that soil contamination as demonstrated by exceedances of groundwater standards for the specific compound(s) identified in on-Site source soil.

2.3 SUMMARY OF PRIOR INVESTIGATION RESULTS AND REMEDIAL AREA OF CONCERN-5 (RAOC-5)

A detailed description of prior investigation results is provided in the Remedial Investigation Work Plan (RIWP) (Stantec, 2017c). The October 2019 draft Remedial Investigation Report (RIR) presents a detailed description of the RI and SRI#1 investigation, results, and conclusions.

Area of Concern-4 (AOC-4) was identified at the Site based on findings from the RI. The PAH benzo(a)pyrene was the single SVOC reported to exceed Commercial SCOs in RI surface soil samples. It was detected in the 0-2 inches sample depth interval at a concentration of 1,800 micrograms per

kilogram (µg/kg) versus the respective Commercial and Industrial SCOs of 1,000 and 1,100 µg/kg in a composite sample SS-4. The SS-4 composite was derived from discrete sampling locations SS-4a, SS-4b, and SS-4c along the vegetated berm near the eastern property line (see Figure 2 and Table 1). Discrete sampling at each of the composite locations was performed on April 7, 2020 in accordance with the approved SRI#2 Work Plan. The new discrete results range from 2,300 to 350,000 µg/kg collected from essentially the same composite grab sample locations from the 0-2 inch depth interval (see Table 2).

AOC-4 became one of the Remedial Areas of Concern, ROAC-5. It is depicted on Figure 3 along with the other RAOCs that are being addressed by IRM#2.

3.0 INTERIM REMEDIAL MEASURES

The proposed IRM#4 achieves protection of public health and the environment for the intended use of the property. Specifically, this interim remedial plan addresses RAOC-5 to allow for the planned continued Commercial/Industrial Use of the Site. The remedial plan is effective in both the short-term and long-term and reduces mobility, toxicity, and volume of contaminants. The remedial plan is cost-effective, able to be implemented, and uses standards and methods that are well established in the industry. This section provides detail on the proposed IRM#4 work activities and describes the remedial methodologies and controls to be utilized during implementation of this Work Plan.

3.1 GENERAL REMEDIAL CONSTRUCTION INFORMATION AND SITE PREPARATION ACTIVITIES

General remedial construction information and site preparation activities will be as described in IRMWP#2 and below.

3.1.1 Tree Removal

There is extensive vegetation, including large and small trees, in the IRM#4 area requiring remediation. Remediation of this area is not possible without removal of the trees and vegetation. Prior to the start of IRM#4, the trees and vegetation in this area will be cut at grade and removed from Site. The tree and vegetation removal will not be observed by Stantec, as per discussion with NYSDEC on May 18, 2020.

3.1.2 Erosion and Sedimentation Controls

A silt fence (Mirafi 100X or equivalent)/compost sock will be installed on the berm side-slope at the eastern property line as staked. The silt fence/compost sock will remain in place until the gabion stone is in place. Straw bales or composite socks will be placed around the inlet of the storm sewer in the nearby parking lot.

3.1.3 Protection of Existing Features

As show on Figure 4, there are two active light poles with underground electric and electrical box that will be protected and maintained throughout the IRM.

3.1.4 Corrugated Metal Pipe Abandonment

As called out in Figure 4, a 12-inch diameter corrugated metal pipe (CMP) is located near the surface soil sampling location SS-4c. During site reconnaissance, the outlet of this pipe was not found, and the storm pipe appears to not be in use. Prior to excavation of the keyways, described in 3.1.5, the 12-inch CMP stormwater pipe will be abandoned in place by plugging the southern facing, open end with concrete mortar.

3.1.5 Keyway Excavation

Two 1-foot deep by 2-foot wide keyways will be constructed as depicted in Figure 5. Keyways will extend from the northern property boundary to the southern property boundary per Figure 5. Keyways will serve as a method to transition from gabion stone to match the grade of the pavement (western keyway) or berm (eastern keyway) while still providing an approximately 1-foot layer of gabion stone. The resulting spoils from excavating keyways will be managed by grading and shaping into a smooth transition from edge of pavement into on-Site berm along entire north-south property line. The area will then be compacted with a roller.

3.1.6 Geotextile and Demarcation Layer

A non-woven geotextile, minimum 6 oz, will be installed to act as a soil particle separation layer. If an orange colored, non-woven geotextile (Mirafi® Orange Delineation Nonwoven Geotextile, or approved equal) is used as the soil particle separation layer, it can also serve as the demarcation layer. If a different color 6 oz non-woven geotextile is used, a separate demarcation layer (temporary construction orange plastic fencing) will need to be installed directly on top of the geotextile.

3.2 DESCRIPTION OF RAOC-5 APPROACH

This section includes focused descriptions of specific tasks associated with addressing RAOC-5 under the proposed IRM#4.

The results from the discrete sampling conducted in SRI#2 demonstrate the spatial extent of the surface soil impacted by exceedance of the SVOC benzo(a)pyrene Commercial and Industrial SCOs. Thus, the extent of the remediation will be from the edge of the pavement to the eastern property line extending from the northern property boundary to the southern property boundary near MW-104 (see Figure 4).

The following activities will be performed:

1. Protect and maintain two active light poles, U.G. electric, and electrical box per section 3.1.2.
2. Scrape, collect and remove buildup of leaves and dead vegetation from edge of parking lot. Transport and Dispose.
3. Install silt fence/composite sock on berm side-slope at eastern property line as staked and composite sock at parking lot drop inlet per section 3.1.1.
4. Scrape and collect remaining surface vegetation, surficial bottles, concrete debris, and miscellaneous municipal solid waste (MSW) to grade. Transport and Dispose.
5. Abandon in place 12-inch diameter corrugated metal pipe (CMP) stormwater pipe near surface soil sampling location SS-4c by plugging southern open end with concrete mortar per section 3.1.3.

6. Excavate 1-foot deep by 2-foot wide (typical) keyway trench into slope of berm to west at eastern property line as staked (see Figure 5) per section 3.1.4.
7. Excavate 1-foot deep by 2-foot wide (typical) keyway trench from leading edge of pavement to east (see Figure 5) per section 3.1.4.
8. Manage resulting spoils from excavating keyways by grading and shaping into a smooth transition from edged of pavement into on-Site berm along entire north-south property line (see Figure 5).
9. Compact soils with roller.
10. Install orange colored, minimum 6 oz non-woven geotextile to act as demarcation layer and soil particle separation layer.
11. Import, place and grade 1-foot think cap consisting of 6-inch diameter gabion stone (or equal). Place to match grade at parking lot edge and property line berm.

3.3 SOIL SCREENING METHODS

Visual, olfactory, and PID soil screening and assessment will be performed by an environmental professional under the direction of the Remedial Engineer during remedial keyway excavation to evaluate if grossly contaminated soil is present (i.e. fill exhibiting PID readings of 51 ppm and above and/or fill with an observed sheen and/or odor). All soil screenings will be recorded in the field while excavation is taking place.

3.4 EXCAVATION STORMWATER MANAGEMENT

Based on Site monitoring well gauging data, the anticipated maximum bottom excavation depth is well above the water table. Therefore, groundwater is not likely to be encountered. However, should accumulated water (perched groundwater or precipitation) conditions be encountered, it will be pumped out of the excavation and temporarily containerized in a frac tank or in drums. Containerized groundwater will be sampled and characterized as necessary prior to transportation and disposal in accordance with applicable regulations and the selected disposal facility.

3.5 WASTE DISPOSAL

Wastes generated during the IRM program are anticipated to include the following:

- The buildup of leaves and dead vegetation from edge of parking lot and remediation area to be capped;
- Surficial bottles, concrete debris, and miscellaneous MSW; and
- Decontamination water.

Waste materials will be handled, containerized, and disposed of in accordance with DER-10 guidance and applicable regulations. It is currently anticipated that the wastes will be non-hazardous; however, this will be confirmed through appropriate analyses as dictated by requirements of the disposal facility(s).

The solid waste materials listed above will be stockpiled on and covered with poly while staged on-Site. The waste materials will likely be disposed of at an appropriate facility such as a NYSDEC Part 360-permitted landfill as non-hazardous MSW.

The liquid waste materials will be properly containerized for off-Site transport, such as in 55-gallon drums. The waste materials are anticipated to be disposed of as non-hazardous waste.

Transport of materials will be performed by licensed haulers in accordance with appropriate local, State, and Federal regulations, including 6 NYCRR Part 364. Haulers will be appropriately licensed and trucks properly placarded.

Solid material transported by trucks exiting the Site will be secured with tight-fitting covers. Loose-fitting canvas-type truck covers will be prohibited. If loads contain wet material capable of producing free liquid, truck liners will be used.

3.6 CAP MATERIAL

The area will be capped with 12-inches of gabion stone. The imported material will comply with DER-10 Section 5.4(e)5. As such, given that the stone will contain less than 10% by weight material that will pass through a size 80 sieve and that it will be stone consisting of virgin material from a permitted quarry, it is not anticipated that sampling will be needed. A Request to Import Form will be submitted to NYSDEC prior to bringing the stone on-Site.

3.7 SITE RESTORATION

As discussed in Section 3.6, the entire remedial area will be capped with gabion stone

3.8 SURVEY CONTROL

The actual limits of excavation or work activities for RAOC-5 will be established in the field at completion using a handheld GPS unit, such as the Trimble GeoXT, with sub-meter accuracy.

3.9 DEMOBILIZATION

After the completion of the remedial actions, erosion control measures, the Equipment and Materials Staging Areas, and the Decontamination Area will be dismantled and removed from the Site. Excess material (general refuse, decontamination materials, poly sheeting, etc.) will be disposed of in accordance with applicable rules and regulations. Equipment will be properly decontaminated before removal from the Site.

4.0 SAMPLING AND ANALYTICAL PROGRAM

Sampling and analytical activities will be conducted in accordance with standard environmental sampling and analytical guidelines and protocols contained in the QAPP as presented in the RIWP and IRMWP#2. Samples will be submitted to, and all analyses will be performed by, a NYSDOH ELAP-certified laboratory. Given that sampling, if needed, will be for waste characterization, it is not anticipated a NYSDEC ASP Category B will be needed or that a NYSDEC Electronic Data Deliverable (EDD) will be submitted.

4.1 WASTE CHARACTERIZATION

Waste characterization will be performed for off-Site disposal in a manner suitable to the receiving facility and in conformance with applicable permits. Waste characterization sample parameters and frequency will be evaluated once a disposal facility has been identified. Sampling and analytical methods, sampling frequency, and analytical results will be reported in the CCR. Data available for soil/material to be disposed at a given facility must be submitted to the disposal facility with suitable explanation prior to shipment and receipt.

5.0 DOCUMENTATION AND REPORTING AND PROJECT ORGANIZATION

Documentation and Reporting as well as Project Organization will be as described in IRMWP#2.

6.0 PROJECT SCHEDULE

An updated project schedule including the activities included within this IRM Work Plan is included as Table 3. Stantec will provide NYSDEC with notification for implementation of remedial action measures no less than one week prior to initiation of such activities.

The IRM#4 remedies are anticipated to be completed over the course of approximately 7-days. Updates and changes to the implementation schedule will be reported to NYSDEC as part of monthly progress reporting.

7.0 REFERENCES

ERM, 2004	Results of Phase II Site Assessment Activities, Spectronic Facility, 820 Linden Avenue, Pittsford, New York. January 13, 2004.
GZA, 1995	Site Assessment and Operations Audit, Milton Roy Analytical Products Division, 820 Linden Avenue, Rochester, New York. June 1995.
Labella, 2005	Phase II Environmental Site Assessment: Supplemental Passive Soil Gas Survey. June 2005.
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 and June 2004 addenda).
NYSDEC, 2006	6NYCRR Part 375 Environmental Remediation Programs. December 14, 2006.
NYSDEC, 2010a	NYSDEC DER-10, Technical Guidance for Site Investigation and Remediation. May 3, 2010.
NYSDEC, 2010b	NYSDEC Commissioner Policy CP-51 Soil Cleanup Guidance. October 21, 2010.
Stantec, 2017a	Phase I Environmental Site Assessment, 820 Linden Avenue, Town of Pittsford, Monroe County, New York. August 2017.
Stantec, 2017b	Limited Phase II Environmental Site Assessment for 820 Linden Avenue, Pittsford, New York. August 2017.
Stantec, 2017c	Remedial Investigation Work Plan, B + L Site, 820 Linden Avenue, Pittsford, Monroe County, New York. September 2017.
Stantec, 2018	IRM Work Plan, 820 Linden Ave Site, Pittsford, New York, Site # C828200. July 2018.
OBG, 2011	Environmental Site Assessment, 820 Linden Avenue, Rochester, NY. April 2011.

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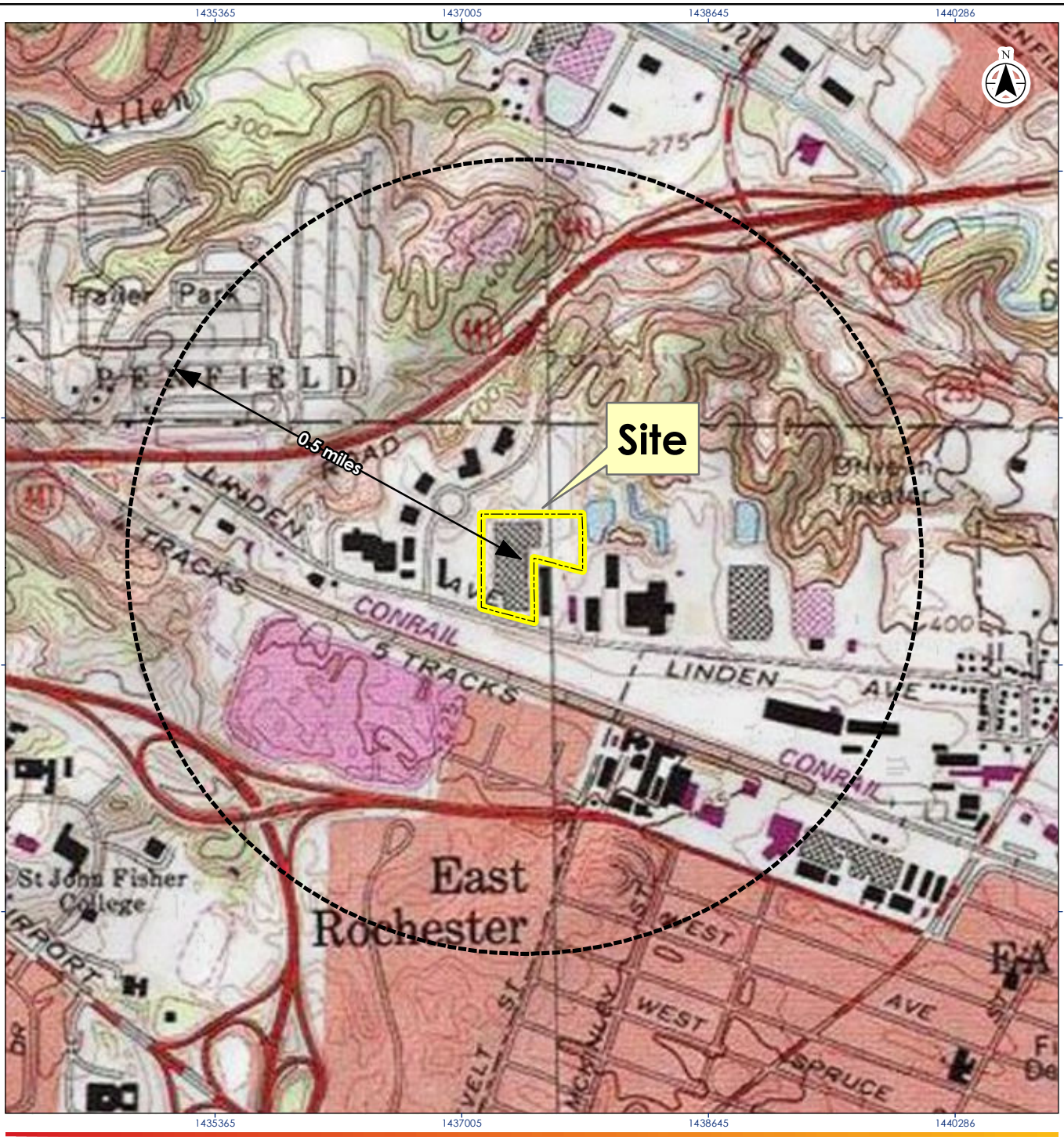
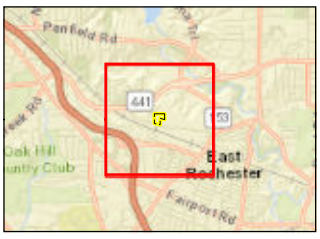
FIGURES





Legend

- Property Outline
- 1/2-mile buffer

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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).

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Project Location
820 Linden Avenue
Pittsford, Monroe Co., NY

190500898
Prepared by LB on 2018-11-09
Technical Review by KI on 2019-10-31
Independent Review by MS/SRS on 2019-11-08

Client/Project
820 Linden Ave Site
BCP Site #C828200
IRM Work Plan #4

Revised By: lbest
Revision Date: 6/3/2020

Figure No.
1

Title
Site Location Map

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Legend

- 2019 SRI Location ID for Septic Tank Contents Sampling
- 2019 SRI Grab Sample**
- 2019 SRI Soil Boring
- 2018 RI Soil Boring/Monitoring Well
- 2018 RI Shallow Monitoring Well
- 2018 RI Soil Boring
- 2018 RI Test Pit
- 2018 RI Discrete Surface Soil Sample for Composite*
- 2018 RI Discrete Surface Soil Sample for Composite and Grab Sample for VOCs*
- SS-4a = 2018 RI Discrete Surface Soil Sample for Composite and 2020 SRI#2 Discrete Surface Soil Grab Sample for SVOCs*
- SS-4b and SS-4c = 2018 RI Discrete Surface Soil Sample for Composite and Grab Sample for VOCs and 2020 SRI#2 Discrete Surface Soil Grab Sample for SVOCs*
- 2018 RI Debris Pile Sample
- Previously Existing Monitoring Well
- 2016 Limited Phase II Monitoring Well
- 2016-2017 Limited Phase II Soil Boring
- 2019 Indoor Air/Sub-Slab Vapor Sample Location
- 2016-2017 Indoor Air/Sub-Slab Vapor Sample Location
- Jarl Extrusions Monitoring Well
- Storm Drain Outfall Locations
- Site Property Outline
- Nearby Parcel Boundaries
- Building Outline
- Historical Building Usage
- JML Optical tenant space
- Newport tenant space

Notes

1. Coordinate System: NAD 1983 StatePlane New York West FIPS 3103 Feet
2. Orthoimagery (2015) downloaded from gis.ny.gov.
3. Monitoring well MW-3 is an angled well that terminates under the building. The other monitoring wells are vertical wells.
4. 2016-2017 soil boring locations and 2018 RI test pit, debris pile, surface soil, and Geoprobe boring locations are approximate. Interior boring/well locations (B-10 to B-13 and B11D to B13D) are estimated based on building structure tie-offs. The exterior locations are based on handheld GPS (Trimble) unit measurements and/or field measurements.
5. Well locations surveyed for vertical and horizontal coordinates by a Stantec surveyor.
6. *RI Surface soil sample locations were selected based on NYSDEC's Draft Soil Screening Guidance. Soil was collected from two depths at each sample location. Of the twelve discrete sample locations, eight included the collection of additional soil for VOC analysis (in addition to the soil collected for a composite analysis of other parameters). Each of the eight composite samples (4 groups at two depths) were comprised of three discrete samples. In April 2020, grab surface soil samples were collected at locations SS-4a, SS-4b, and SS-4c for SVOC analyses under SRI#2.
7. **DBOX is a solids sample from within distribution box for waste characterization, as depicted. DBOX2 and DBOX3 are solids samples analyzed as part of the investigation dataset: DBOX2 is in situ soil in the vicinity of the distribution box excavation backfill area; DBOX3 is a bulk sample of black tar-like material encountered in a discrete occurrence while digging to the distribution box.

Project Location:
820 Linden Avenue
Pittsford, Monroe Co., NY

Prepared by LB on 2018-11-09
Technical Review by KI on 2019-10-31
Independent Review by MS/SRS on 2019-11-08

190500898

Client/Project
820 Linden Ave Site
BCP Site #C828200
IRM Work Plan #4

Revised By: lbest
Revision Date: 6/3/2020

Figure No.
2

Title
Site Layout and Previous Investigation Locations

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Legend

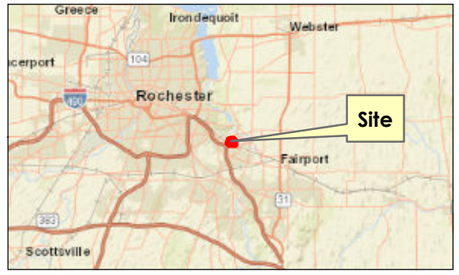
- 2018 RI Composite Sample and 2020 SRI#2 Grab Sample Locations
- Approximate Edge of Pavement
- Approximate Location of Remedial Areas of Concern (see Note 4)
- Site Property Outline
- Building Outline
- JML Optical tenant space
- Newport tenant space
- Historical Building Usage
- Nearby Parcel Boundaries
- Jarl Extrusions Monitoring Well
- Storm Drain Outfall Locations

0 100 200 Feet

1:1,200 (At Original document size of 11x17)

Notes

1. Coordinate System: NAD 1983 StatePlane New York West FIPS 3103 Feet
2. Basemap sources: Orthoimagery (2015) downloaded from gis.ny.gov (Main Frame); ArcGIS World Street Map (Inset Frame).
3. Site building is occupied by two tenants: JML Optical in the southern building section and Newport Corporation in the northern building section. Both current tenants are optics manufacturing facilities.
4. RAOCs-1 through -4 to be adressed via IRM#2. RAOC-5 does not extend off-site; remediation will address surface soil within property limits based on previous property line survey.



Project Location:
820 Linden Avenue
Pittsford, Monroe Co., NY

Prepared by LB on 2018-11-01
Technical Review by KI on 2019-10-31
Independent Review by MS/SRS on 2019-11-08

190500898

Client/Project
820 Linden Ave Site
BCP Site #C828200
IRM Work Plan #4

Revised By: lbest
Revision Date: 6/4/2020

Figure No.
3

Title
Overview of RAOCs

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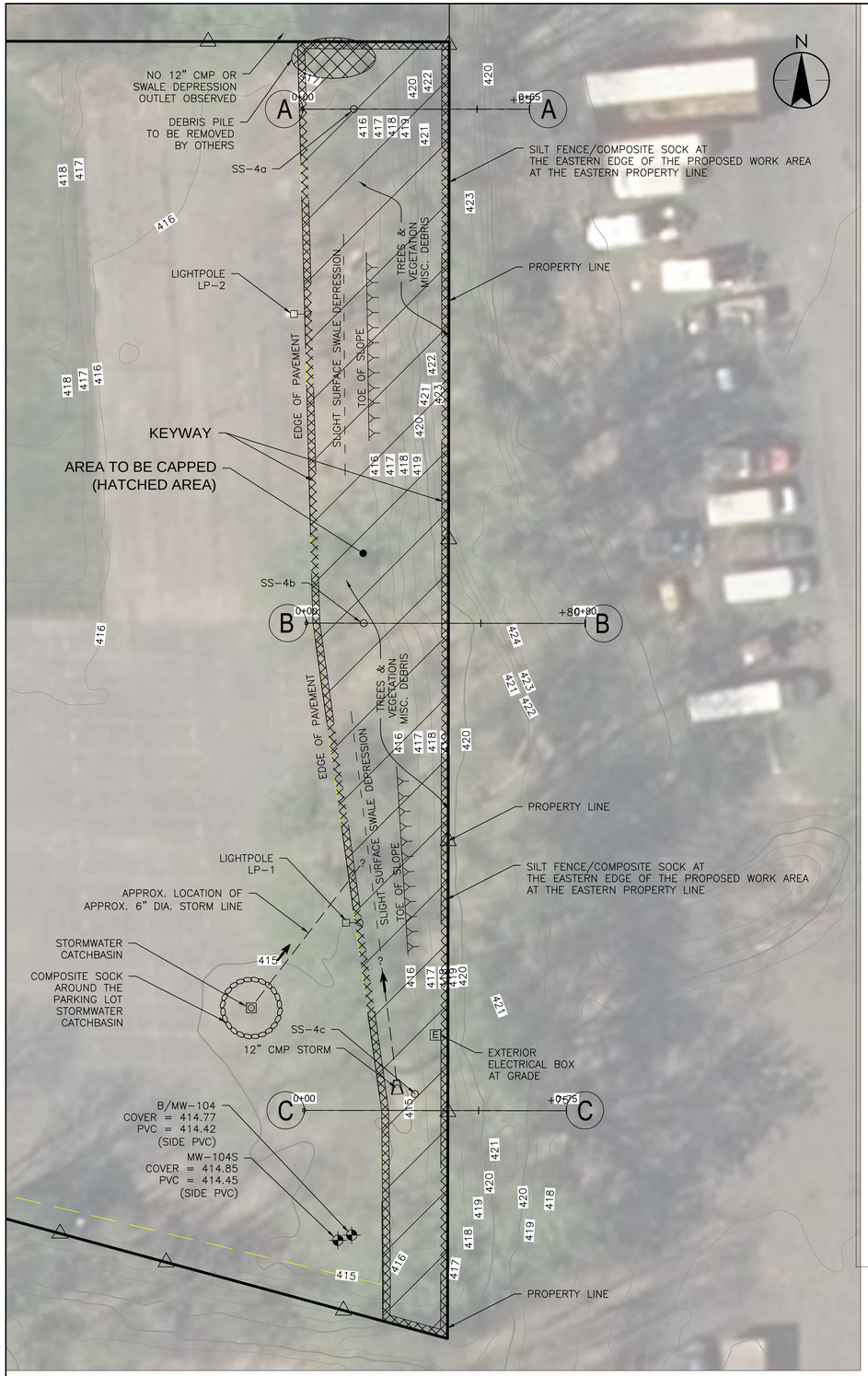

PLAN

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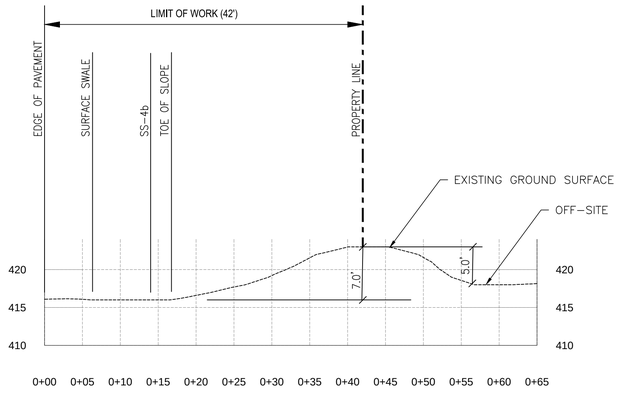
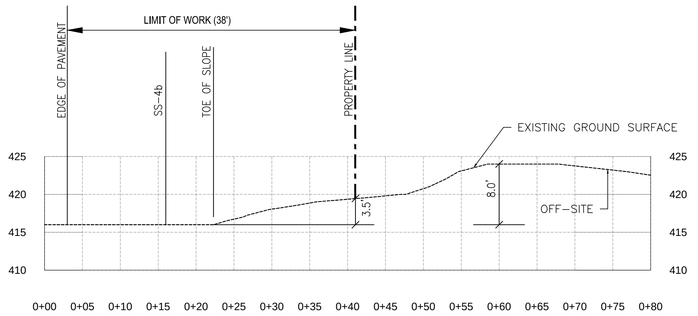
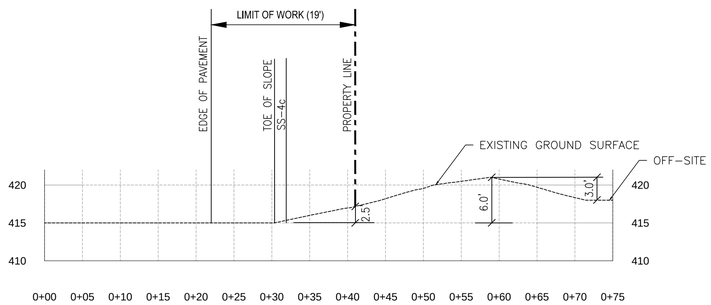
SCALE IN FEET



SECTION A



SECTION B



SECTION C

SECTIONS

TREE INVENTORY:

INCLUDES TREES FROM EDGE OF PAVEMENT TO EASTERN PROPERTY LINE AS STAKED.
NOTE DOES NOT INCLUDE TREES OFF PROPERTY LINE TO EAST CONTINUING UP BERM.

TREES 0"–6" DIA. = 48 (APPROX.)
TREES 6"–12" DIA. = 13 (APPROX.)
TREES 12"–18" DIA. = 4 (APPROX.)
TREES 18"+ DIA. = 8 (APPROX.)

0 10 20 30

SCALE IN FEET

Stantec
61 Commercial St - Suite 100
Rochester, NY
Tel. 585-475-1440
www.stantec.com

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Legend

Notes

1. BASEMAP INFORMATION IS BASED ON :
   - AERIAL – FROM NYS CLEARINGHOUSE GIS DATA DATED 2015
   - CONTOURS – FROM MONROE COUNTY LIDAR FOR PITTSFORD NY – DATED 2017
   - FIELD DATA – FROM GROUND SURVEY PERFORMED BY STANTEC APRIL 24, 2020
   - PROPERTY LINE DATA – FROM GROUND SURVEY PERFORMED BY STANTEC BETWEEN 8-19-2019 AND 8-24-2019
2. ALL INFORMATION SHOWN IS APPROXIMATE.

Revision	By	Appd.	YY.MM.DD

Issued	By	Appd.	YY.MM.DD

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

Permit-Seal

Client/Project
820 Linden Ave Site

BCP Site # C828200

IRM #4

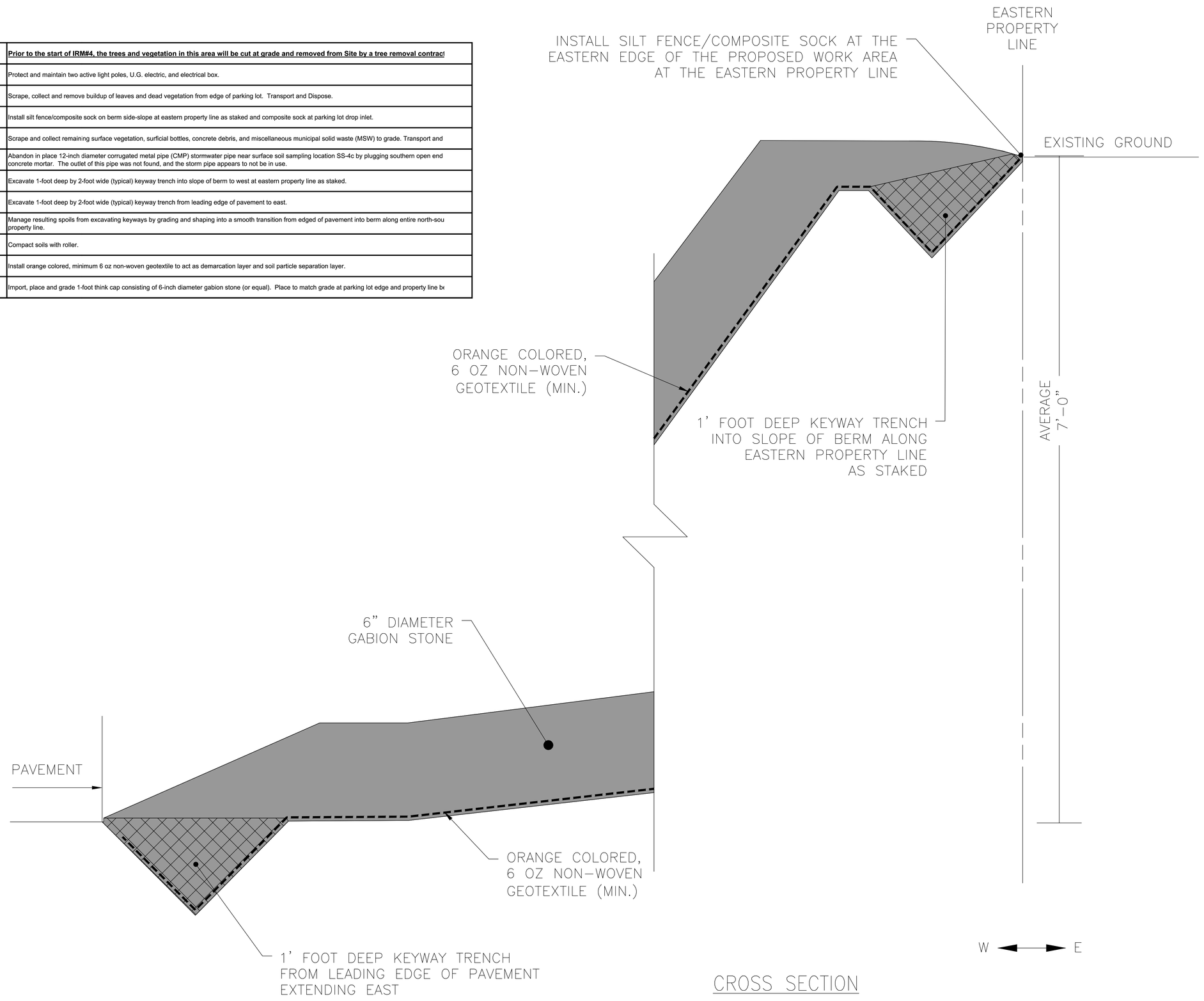
Title
RAOC-5: Surface Soil Capping

Project No.	Scale	
190500898	As Shown	
Drawing No.	Sheet	Revision
4		0

U:\190500898\05-report_deliv\dwg_design\CAD_figures\Figures - Excavation Of East Property Line\Fig 4 - RAOC-5 Surface Soil Capping.dwg
2020/06/09 7:41 AM By: Loss, Andy

ORIGINAL SHEET - ANSI D

	Prior to the start of IRM#4, the trees and vegetation in this area will be cut at grade and removed from Site by a tree removal contrac
1	Protect and maintain two active light poles, U.G. electric, and electrical box.
2	Scrape, collect and remove buildup of leaves and dead vegetation from edge of parking lot. Transport and Dispose.
3	Install silt fence/composite sock on berm side-slope at eastern property line as staked and composite sock at parking lot drop inlet.
4	Scrape and collect remaining surface vegetation, surficial bottles, concrete debris, and miscellaneous municipal solid waste (MSW) to grade. Transport and
5	Abandon in place 12-inch diameter corrugated metal pipe (CMP) stormwater pipe near surface soil sampling location SS-4c by plugging southern open end concrete mortar. The outlet of this pipe was not found, and the storm pipe appears to not be in use.
6	Excavate 1-foot deep by 2-foot wide (typical) keyway trench into slope of berm to west at eastern property line as staked.
7	Excavate 1-foot deep by 2-foot wide (typical) keyway trench from leading edge of pavement to east.
8	Manage resulting spoils from excavating keyways by grading and shaping into a smooth transition from edged of pavement into berm along entire north-sou property line.
9	Compact soils with roller.
10	Install orange colored, minimum 6 oz non-woven geotextile to act as demarcation layer and soil particle separation layer.
11	Import, place and grade 1-foot think cap consisting of 6-inch diameter gabion stone (or equal). Place to match grade at parking lot edge and property line b



CROSS SECTION

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Legend

NON-WOVEN GEOTEXTILE FABRIC

6" DIAMETER GABION STONE

AREA OF KEYWAY TRENCH

Notes

Revision	By	Appd.	YY.MM.DD

Issued	By	Appd.	YY.MM.DD

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

Permit-Seal

Client/Project
820 Linden Ave Site

BCP Site # C828200

IRM #4

Title
Eastern Property Line Keyway & Cap installation Detail

Project No.	Scale	
190500898	As Shown	
Drawing No.	Sheet	Revision
5		0

I:\190500898\05_report_deliv\dwgs_design\CAD_figures\Figures - Excavation Of East Property Line\Fig 5 - Eastern Property Line Keyway & Cap Installation Detail.dwg
2020/06/09 7:33 AM By: Lass, Andy

ORIGINAL SHEET - ANSI D

Stantec

TABLES

Table 1
Summary of Analytical Results for RI Soil Samples
IRMWP#4
820 Linden Ave Site, BCP #C828200
820 Linden Avenue, Pittsford, NY

Sample Location				B-1	B-2		B-3	B-4	B-5	B-6	B-7	B-8		B-9		B-10	B-11
Sample Date				20-Jun-16	20-Jun-16	20-Jun-16	20-Jun-16	20-Jun-16	20-Jun-16	21-Jun-16	21-Jun-16	24-Jun-16	24-Jun-16	28-Jun-16	29-Jun-16	5-Jul-16	5-Jul-16
Sample ID				B-1	B-2	DUP-01	B-3	B-4	B-5	B-6	B-7	B-8 (3.5-4.5)	B-8 (60-61)	B-9 (23-24)	B-9 (85-86)	B-10 (3-4)	B-11 (8-9)
Sample Depth				4 - 5 ft	4 - 5 ft	4 - 5 ft	4 - 5 ft	4 - 5 ft	4 - 5 ft	4 - 5 ft	4 - 5 ft	3.5 - 4.5 ft	60 - 61 ft	23 - 24 ft	85 - 86 ft	3 - 4 ft	8 - 9 ft
Sampling Company				STANTEC	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	TAL
Laboratory Work Order				480-102053-1	480-102053-1	480-102053-1	480-102053-1	480-102053-1	480-102053-1	480-102053-1	480-102053-1	480-102302-1	480-102302-1	480-102302-1	480-102302-1	480-102705-1	480-102705-1
Laboratory Sample ID				480-102053-1	480-102053-2	480-102053-7	480-102053-3	480-102053-4	480-102053-5	480-102053-6	480-102053-8	480-102302-1	480-102302-2	480-102382-1	480-102510-1	480-102705-1	480-102705-2
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51			Field Duplicate											
General Chemistry																	
Cyanide	mg/kg	27^{AB} $10{,}000_a{}^{C}$ 40^{D}	n/v	1.1 U	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.2 U	1.1 U	1.1 U	1.0 U	1.2 U	0.99 U	0.92 U
Metals																	
Aluminum	mg/kg	$10{,}000_a{}^{ABCD}$	$10{,}000_a{}^{EFG}$	**12,800^{ABCDEFG}**	6,250	7,000	8,420	7,620	5,600	8,340 J	2,600	8,730	2,350	2,970 J	3,670	4,600	5,080
Antimony	mg/kg	$10{,}000_a{}^{ABCD}$	$10{,}000_a{}^{EFG}$	16.1 U	15.3 U	15.9 U	17.0 U	16.6 U	16.1 U	18.5 UJ	17.5 U	17.6 U	18.7 U	18.1 U	18.9 U	16.6 U	15.0 U
Arsenic	mg/kg	$13_n{}^{A}$ $16_a{}^{BCD}$	n/v	3.6	2.0 U	2.1 U	2.3 U	2.2 U	2.2 U	2.5 U	2.3 U	3.3	2.5 U	2.4 U	2.5 U	2.2 U	2.0
Barium	mg/kg	$350_n{}^{A}$ 400^{B} $10{,}000_a{}^{C}$ 820^{D}	n/v	35.9	12.9	13.8	22.6	17.7	13.4	29.7	12.7	85.7	12.1	12.1	30.3	12.6	14.6
Beryllium	mg/kg	7.2^{A} 590^{B} $2{,}700^{C}$ 47^{D}	n/v	0.51	0.20 U	0.23	0.23 U	0.22 U	0.22 U	0.26	0.23 U	0.31	0.25 U	0.24 U	0.25 U	0.22 U	0.20
Cadmium	mg/kg	$2.5_n{}^{A}$ 9.3^{B} 60^{C} 7.5^{D}	n/v	0.21 U	0.20 U	0.21 U	0.23 U	0.22 U	0.22 U	0.36	0.23 U	0.23 U	0.25 U	0.24 U	0.25 U	0.22 U	0.20 U
Calcium	mg/kg	$10{,}000_a{}^{ABCD}$	$10{,}000_a{}^{EFG}$	1,550	9,060 J	1,740 J	4,900	3,870	4,940	3,720 J	**24,400^{ABCDEFG}**	**22,900^{ABCDEFG}**	**21,500^{ABCDEFG}**	**26,300^{ABCDEFG}**	**27,800^{ABCDEFG}**	1,550	3,020
Chromium	mg/kg	$30_{n,i}{}^{A}$ $1{,}500^{B}$ $6{,}800_i{}^{C}{}_{NS,o}{}^{D}$	n/v	14.7	7.8	8.5	9.5	9.3	10.6	11.0	5.4	11.6	5.9	4.7	7.1	8.3	7.9
Cobalt	mg/kg	$10{,}000_a{}^{ABCD}$	$10{,}000_a{}^{EFG}$	6.8	2.5 J	3.8 J	2.6	2.6	2.5	4.2	1.9	6.0	1.6	2.0	2.7	3.1	3.6
Copper	mg/kg	50^{A} 270^{B} $10{,}000_e{}^{C}$ $1{,}720^{D}$	n/v	17.5	4.5 J	9.1 J	3.9	4.6	5.5	18.0	4.3	25.7	3.6	4.1	5.4	4.2	6.8
Iron	mg/kg	$10{,}000_a{}^{ABCD}$	$10{,}000_a{}^{EFG}$	**19,400^{ABCDEFG}**	7,380	**10,900^{ABCDEFG}**	8,710	8,650	6,950	**12,200^{ABCDEFG}**	6,270	**15,100^{ABCDEFG}**	5,420	5,880 J	7,600	**12,300^{ABCDEFG}**	**10,200^{ABCDEFG}**
Lead	mg/kg	$63_n{}^{A}$ $1{,}000^{B}$ $3{,}900^{C}$ 450^{D}	n/v	5.9	3.1	2.6	4.3	3.0	2.5	15.5	1.5	9.0	1.5	1.3	2.0	1.8	2.3
Magnesium	mg/kg	$10{,}000_a{}^{ABCD}$	n/v	2,320	5,560 J	1,890 J	3,040	2,530	2,360	2,080 J	4,980	9,780	3,830	5,550	7,420	1,240	1,810
Manganese	mg/kg	$1{,}600_n{}^{A}$ $10{,}000_a{}^{BC}$ $2{,}000_r{}^{D}$	n/v	382	125 J	298 J	172	121	115	313	146	646	126	177 J	199	232	268
Mercury	mg/kg	$0.18_n{}^{A}$ $2.8_s{}^{B}$ $5.7_t{}^{C}$ 0.73^{D}	n/v	0.022 U	0.020 U	0.021 U	0.044	0.022 U	0.021 U	0.022 U	0.023 U	0.065	0.023 U	0.024 U	0.022 U	0.021 U	0.021 U
Nickel	mg/kg	30^{A} 310^{B} $10{,}000_e{}^{C}$ 130^{D}	n/v	15.4	5.6	8.0	6.0	6.1	6.1	9.0	5.8 U	12.9	6.2 U	6.0 U	6.3 U	5.9	6.5
Potassium	mg/kg	$10{,}000_a{}^{ABCD}$	n/v	1,890	754	1,040	755	705	740	981	570	1,400	551	650 J	1,000	764	1,030
Selenium	mg/kg	$3.9_n{}^{A}$ $1{,}500^{B}$ $6{,}800^{C}$ $4_d{}^{D}$	n/v	4.3 U	4.1 U	4.2 U	4.5 U	4.4 U	4.3 U	4.9 U	4.7 U	4.7 U	5.0 U	4.8 U	5.0 U	4.4 U	4.0 U
Silver	mg/kg	2^{A} $1{,}500^{B}$ $6{,}800^{C}$ 8.3^{D}	n/v	0.54 U	0.51 U	0.53 U	0.57 U	0.55 U	0.54 U	0.62 U	0.58 U	0.59 U	0.62 U	0.60 U	0.63 U	0.55 U	0.50 U
Sodium	mg/kg	$10{,}000_a{}^{ABCD}$	n/v	419	601	922	266	220	151 U	300	173	164 U	175 U	169 U	251	155 U	140 U
Thallium	mg/kg	$10{,}000_a{}^{ABCD}$	$10{,}000_a{}^{EFG}$	6.4 U	6.1 U	6.3 U	6.8 U	6.6 U	6.5 U	7.4 U	7.0 U	7.0 U	7.5 U	7.3 U	7.6 U	6.6 U	6.0 U
Vanadium	mg/kg	$10{,}000_a{}^{ABCD}$	$10{,}000_a{}^{EFG}$	27.0	13.7	17.8	15.7	15.6	12.2	19.1	10.7	19.6	9.1	9.5	12.2	23.3	16.4
Zinc	mg/kg	$109_n{}^{A}$ $10{,}000_a{}^{BC}$ $2{,}480^{D}$	n/v	31.7	16.9	18.1	22.4	18.2	14.3	35.1	10.3	34.3	9.6	11.3	13.6	12.8	19.8
Polychlorinated Biphenyls																	
Aroclor 1016	µg/kg	^{ABCD}	n/v	240 U	210 U	250 U	260 U	240 U	210 U	250 U	230 U	240 U	210 U	260 U	240 U	260 U	200 U
Aroclor 1221	µg/kg	^{ABCD}	n/v	240 U	210 U	250 U	260 U	240 U	210 U	250 U	230 U	240 U	210 U	260 U	240 U	260 U	200 U
Aroclor 1232	µg/kg	^{ABCD}	n/v	240 U	210 U	250 U	260 U	240 U	210 U	250 U	230 U	240 U	210 U	260 U	240 U	260 U	200 U
Aroclor 1242	µg/kg	^{ABCD}	n/v	240 U	210 U	250 U	260 U	240 U	210 U	250 U	230 U	240 U	210 U	260 U	240 U	260 U	200 U
Aroclor 1248	µg/kg	^{ABCD}	n/v	240 U	210 U	250 U	260 U	240 U	210 U	250 U	230 U	240 U	210 U	260 U	240 U	260 U	200 U
Aroclor 1254	µg/kg	^{ABCD}	n/v	240 U	210 U	250 U	260 U	240 U	210 U	250 U	230 U	240 U	210 U	260 U	240 U	260 U	200 U
Aroclor 1260	µg/kg	^{ABCD}	n/v	240 U	210 U	250 U	260 U	240 U	210 U	250 U	230 U	240 U	210 U	260 U	240 U	260 U	200 U
Aroclor 1262	µg/kg	^{ABCD}	n/v	240 U	210 U	250 U	260 U	240 U	210 U	250 U	230 U	240 U	210 U	260 U	240 U	260 U	200 U
Aroclor 1268	µg/kg	^{ABCD}	n/v	240 U	210 U	250 U	260 U	240 U	210 U	250 U	230 U	240 U	210 U	260 U	240 U	260 U	200 U
Polychlorinated Biphenyls (PCBs)	µg/kg	100^{A} $1{,}000^{B}$ $25{,}000^{C}$ $3{,}200^{D}$	n/v	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pesticides																	
Aldrin	µg/kg	$5_n{}^{A}$ 680^{B} $1{,}400^{C}$ 190^{D}	n/v	1.8 U	35 U	35 U	36 U	17 U	35 U	39 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U	1.7 U
BHC, alpha-	µg/kg	20^{AG} $3{,}400^{B}$ $6{,}800^{C}$	n/v	1.8 U	35 U	35 U	36 U	17 U	35 U	39 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U	1.7 U
BHC, beta-	µg/kg	36^{A} $3{,}000^{B}$ $14{,}000^{C}$ 90^{D}	n/v	1.8 U	35 U	35 U	36 U	17 U	35 U	39 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U	1.7 U
BHC, delta-	µg/kg	$40_n{}^{A}$ $500{,}000_s{}^{B}$ $1{,}000{,}000_d{}^{C}$ 250^{D}	n/v	1.8 U	35 U	35 U	36 U	17 U	35 U	39 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U	1.7 U
Camphechlor (Toxaphene)	µg/kg	$100{,}000_a{}^{A}$ $500{,}000_s{}^{B}$ $1{,}000{,}000_d{}^{CD}$	n/v	18 U	350 U	350 U	360 U	170 U	350 U	390 U	20 U	20 U	20 U	20 U	19 U	18 U	17 U
Chlordane, alpha-	µg/kg	94^{A} $24{,}000^{B}$ $47{,}000^{C}$ $2{,}900^{D}$	n/v	1.8 U	35 U	35 U	36 U	17 U	35 U	39 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U	1.7 U
Chlordane, trans- (gamma-Chlordane)	µg/kg	$100{,}000_a{}^{A}$ $1{,}000{,}000_d{}^{D}$	n/v	1.8 U	35 U	35 U	36 U	17 U	35 U	39 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U	1.7 U
DDD (p,p'-DDD)	µg/kg	$3.3_m{}^{A}$ $92{,}000^{B}$ $180{,}000^{C}$ $14{,}000^{D}$	n/v	1.8 U	35 U	35 U	36 U	17 U	35 U	39 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U	1.7 U
DDE (p,p'-DDE)	µg/kg	$3.3_m{}^{A}$ $62{,}000^{B}$ $120{,}000^{C}$ $17{,}000^{D}$	n/v	1.8 U	35 U	35 U	36 U	17 U	35 U	39 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U	1.7 U
DDT (p,p'-DDT)	µg/kg	$3.3_m{}^{A}$ $47{,}000^{B}$ $94{,}000^{C}$ $136{,}000^{D}$	n/v	1.8 U	35 U	35 U	36 U	17 U	35 U	39 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U	1.7 U
Dieldrin	µg/kg	$5_n{}^{A}$ $1{,}400^{B}$ $2{,}800^{C}$ 100^{D}	n/v	1.8 U	35 U	35 U	36 U	17 U	35 U	39 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U	1.7 U
Endosulfan I	µg/kg	$2{,}400_i{}^{A}$ $200{,}000_s{}^{B}$ $920{,}000_i{}^{C}$ $102{,}000^{D}$	n/v	1.8 U	35 U	35 U	36 U	17 U	35 U	39 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U	1.7 U
Endosulfan II	µg/kg	$2{,}400_i{}^{A}$ $200{,}000_s{}^{B}$ $920{,}000_i{}^{C}$ $102{,}000^{D}$	n/v	1.8 U	35 U	35 U	36 U	17 U	35 U	39 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U	1.7 U
Endosulfan Sulfate	µg/kg	$2{,}400_i{}^{A}$ $200{,}000_s{}^{B}$ $920{,}000_i{}^{C}$ $1{,}000{,}000_d{}^{D}$	n/v	1.8 U	35 U	35 U	36 U	17 U	35 U	39 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U	1.7 U
Endrin	µg/kg	14^{A} $89{,}000^{B}$ $410{,}000^{C}$ 60^{D}	n/v	1.8 U	35 U	35 U	36 U	17 U	35 U	39 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U	1.7 U
Endrin Aldehyde	µg/kg	$100{,}000_a{}^{A}$ $500{,}000_s{}^{B}$ $1{,}000{,}000_d{}^{CD}$	n/v	1.8 U	35 U	35 U	36 U	17 U	35 U	39 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U	1.7 U
Endrin Ketone	µg/kg	$100{,}000_a{}^{A}$ $500{,}000_s{}^{B}$ $1{,}000{,}000_d{}^{CD}$	n/v	1.8 U	35 U	35 U	36 U	17 U	35 U	39 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U	1.7 U
Heptachlor	µg/kg	42^{A} $15{,}000^{B}$ $29{,}000^{C}$ 380^{D}	n/v	1.8 U	35 U	35 U	36 U	17 U	35 U	39 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U	1.7 U
Heptachlor Epoxide	µg/kg	$100{,}000_a{}^{A}$ $500{,}000_s{}^{B}$ $1{,}000{,}000_d{}^{CD}$	$500{,}000_a{}^{E}$ $1{,}000{,}000_a{}^{F}$ 20^{G}	1.8 U	35 U	35 U	36 U	17 U	35 U	39 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U	1.7 U
Lindane (Hexachlorocyclohexane, gamma)	µg/kg	100^{AG} $9{,}200^{B}$ $23{,}000^{C}$	n/v	1.8 U	35 U	35 U	36 U	17 U	35 U	39 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U	1.7 U
Methoxychlor (4,4'-Methoxychlor)	µg/kg	$100{,}000_a{}^{A}$ $500{,}000_s{}^{B}$ $1{,}000{,}000_d{}^{CD}$	$500{,}000_a{}^{E}$ $1{,}000{,}000_a{}^{F}$ $900{,}000^{G}$	1.8 U	35 U	35 U	36 U	17 U	35 U	39 U	2.0 U	2.0 U	2.0 U	2.0 U	1.9 U	1.8 U	1.7 U

See notes on last page.

Table 1
Summary of Analytical Results for RI Soil Samples
IRMWP#4
820 Linden Ave Site, BCP #C828200
820 Linden Avenue, Pittsford, NY

Sample Location				B-1	B-2		B-3	B-4	B-5	B-6	B-7	B-8		B-9		B-10	B-11
Sample Date				20-Jun-16	20-Jun-16	20-Jun-16	20-Jun-16	20-Jun-16	20-Jun-16	21-Jun-16	21-Jun-16	24-Jun-16	24-Jun-16	28-Jun-16	29-Jun-16	5-Jul-16	5-Jul-16
Sample ID				B-1	B-2	DUP-01	B-3	B-4	B-5	B-6	B-7	B-8 (3.5-4.5)	B-8 (60-61)	B-9 (23-24)	B-9 (85-86)	B-10 (3-4)	B-11 (8-9)
Sample Depth				4 - 5 ft	4 - 5 ft	4 - 5 ft	4 - 5 ft	4 - 5 ft	4 - 5 ft	4 - 5 ft	4 - 5 ft	3.5 - 4.5 ft	60 - 61 ft	23 - 24 ft	85 - 86 ft	3 - 4 ft	8 - 9 ft
Sampling Company				STANTEC	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	TAL
Laboratory Work Order				480-102053-1	480-102053-1	480-102053-1	480-102053-1	480-102053-1	480-102053-1	480-102053-1	480-102053-1	480-102302-1	480-102302-1	480-102302-1	480-102302-1	480-102705-1	480-102705-1
Laboratory Sample ID				480-102053-1	480-102053-2	480-102053-7	480-102053-3	480-102053-4	480-102053-5	480-102053-6	480-102053-8	480-102302-1	480-102302-2	480-102382-1	480-102510-1	480-102705-1	480-102705-2
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51			Field Duplicate											
Semi-Volatile Organic Compounds																	
Acenaphthene	µg/kg	20,000[A] 500,000[B] 1,000,000[C] 98,000[D]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Acenaphthylene	µg/kg	100,000[A] 500,000[B] 1,000,000[C] 107,000[D]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Acetophenone	µg/kg	100,000[A] 1,000,000[D]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Anthracene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Atrazine	µg/kg	100,000[A] 1,000,000[D]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Benzaldehyde	µg/kg	100,000[A] 1,000,000[D]	n/v	180 UJ	900 UJ	1,800 UJ	900 UJ	890 UJ	870 UJ	2,000 UJ	200 UJ	210 U	200 U	200 U	200 U	180 U	170 U
Benzo(a)anthracene	µg/kg	1,000[A] 5,600[B] 11,000[C] 1,000[D]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Benzo(a)pyrene	µg/kg	1,000[A] 1,000[B] 1,100[C] 22,000[D]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Benzo(b)fluoranthene	µg/kg	1,000[A] 5,600[B] 11,000[C] 1,700[D]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Benzo(g,h,i)perylene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Benzo(k)fluoranthene	µg/kg	800[A] 56,000[B] 110,000[C] 1,700[D]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Biphenyl, 1,1'- (Biphenyl)	µg/kg	100,000[A] 1,000,000[D]	500,000[E] 1,000,000[F]	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Bis(2-Chloroethoxy)methane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Bis(2-Chloroethyl)ether	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 435,000[G]	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Bromophenyl Phenyl Ether, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Butyl Benzyl Phthalate	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 122,000[G]	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Caprolactam	µg/kg	100,000[A] 1,000,000[D]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Carbazole	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Chloro-3-methyl phenol, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Chloroaniline, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 220[G]	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Chloronaphthalene, 2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Chlorophenyl Phenyl Ether, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Chrysene	µg/kg	1,000[A] 56,000[B] 110,000[C] 1,000[D]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Cresol, o- (Methylphenol, 2-)	µg/kg	330[A] 500,000[B] 1,000,000[C] 330[D]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Cresol, p- (Methylphenol, 4-)	µg/kg	330[A] 500,000[B] 1,000,000[C] 330[D]	n/v	360 U	1,700 U	3,500 U	1,800 U	1,700 U	1,700 U	3,900 U	390 U	400 U	390 U	400 U	380 U	360 U	330 U
Dibenzo(a,h)anthracene	µg/kg	330[A] 560[B] 1,100[C] 1,000,000[D]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Dibenzofuran	µg/kg	7,000[A] 350,000[B] 1,000,000[C] 210,000[D]	500,000[E] 1,000,000[F] 6,200[G]	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Dibutyl Phthalate (DBP)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 8,100[G]	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Dichlorobenzidine, 3,3'-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Dichlorophenol, 2,4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 400[G]	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Diethyl Phthalate	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 7,100[G]	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Dimethyl Phthalate	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 27,000[G]	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Dimethylphenol, 2,4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Dinitro-o-cresol, 4,6-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	360 U	1,700 U	3,500 U	1,800 U	1,700 U	1,700 U	3,900 U	390 U	400 U	390 U	400 U	380 U	360 U	330 U
Dinitrophenol, 2,4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 200[G]	360 U	1,700 U	3,500 U	1,800 U	1,700 U	1,700 U	3,900 U	390 U	400 U	390 U	400 U	380 U	360 U	330 U
Dinitrotoluene, 2,4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Dinitrotoluene, 2,6-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 1,000/170[b,s1,G]	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Di-n-Octyl phthalate	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 120,000[G]	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Fluoranthene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Fluorene	µg/kg	30,000[A] 500,000[B] 1,000,000[C] 386,000[D]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Hexachlorobenzene	µg/kg	330[A] 6,000[B] 12,000[C] 3,200[D]	500,000[E] 1,000,000[F] 1,400[G]	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Hexachlorocyclopentadiene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Hexachloroethane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Indeno(1,2,3-cd)pyrene	µg/kg	500[A] 5,600[B] 11,000[C] 8,200[D]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Isophorone	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 4,400[G]	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Methylnaphthalene, 2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 36,400[G]	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Naphthalene	µg/kg	12,000[AD] 500,000[B] 1,000,000[C]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Nitroaniline, 2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 400[G]	360 U	1,700 U	3,500 U	1,800 U	1,700 U	1,700 U	3,900 U	390 U	400 U	390 U	400 U	380 U	360 U	330 U
Nitroaniline, 3-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 500[G]	360 U	1,700 U	3,500 U	1,800 U	1,700 U	1,700 U	3,900 U	390 U	400 U	390 U	400 U	380 U	360 U	330 U
Nitroaniline, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	360 U	1,700 U	3,500 U	1,800 U	1,700 U	1,700 U	3,900 U	390 U	400 U	390 U	400 U	380 U	360 U	330 U
Nitrobenzene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	69,000[E] 140,000[F] 170[b,G]	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Nitrophenol, 2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 300[G]	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Nitrophenol, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 100[G]	360 U	1,700 U	3,500 U	1,800 U	1,700 U	1,700 U	3,900 U	390 U	400 U	390 U	400 U	380 U	360 U	330 U
N-Nitrosodi-n-Propylamine	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
n-Nitrosodiphenylamine	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Pentachlorophenol	µg/kg	800[A] 6,700[B] 55,000[C] 800[D]	n/v	360 U	1,700 U	3,500 U	1,800 U	1,700 U	1,700 U	3,900 U	390 U	400 U	390 U	400 U	380 U	360 U	330 U
Phenanthrene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Phenol	µg/kg	330[A] 500,000[B] 1,000,000[C] 330[D]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Pyrene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Trichlorophenol, 2,4,5-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 100[G]	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Trichlorophenol, 2,4,6-	µg/kg	100,000[a] 500,000[B] 1,000,000[d]	500,000[E] 1,000,000[F]	180 U	900 U	1,800 U	900 U	890 U	870 U	2,000 U	200 U	210 U	200 U	200 U	200 U	180 U	170 U
Total SVOC	µg/kg	n/v	n/v	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOC - Tentatively Identified Compounds																	
Total SVOC TICs	µg/kg	n/v	n/v	-	-	-	-	-	-	-	-	ND	260	ND	ND	ND	ND

See notes on last page.

Table 1
Summary of Analytical Results for RI Soil Samples
IRMWP#4
820 Linden Ave Site, BCP #C828200
820 Linden Avenue, Pittsford, NY

Sample Location				B-1	B-2		B-3	B-4	B-5	B-6	B-7	B-8		B-9		B-10	B-11
Sample Date				20-Jun-16	20-Jun-16	20-Jun-16	20-Jun-16	20-Jun-16	20-Jun-16	21-Jun-16	21-Jun-16	24-Jun-16	24-Jun-16	28-Jun-16	29-Jun-16	5-Jul-16	5-Jul-16
Sample ID				B-1	B-2	DUP-01	B-3	B-4	B-5	B-6	B-7	B-8 (3.5-4.5)	B-8 (60-61)	B-9 (23-24)	B-9 (85-86)	B-10 (3-4)	B-11 (8-9)
Sample Depth				4 - 5 ft	4 - 5 ft	4 - 5 ft	4 - 5 ft	4 - 5 ft	4 - 5 ft	4 - 5 ft	4 - 5 ft	3.5 - 4.5 ft	60 - 61 ft	23 - 24 ft	85 - 86 ft	3 - 4 ft	8 - 9 ft
Sampling Company				STANTEC	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	TAL
Laboratory Work Order				480-102053-1	480-102053-1	480-102053-1	480-102053-1	480-102053-1	480-102053-1	480-102053-1	480-102053-1	480-102302-1	480-102302-1	480-102302-1	480-102302-1	480-102705-1	480-102705-1
Laboratory Sample ID				480-102053-1	480-102053-2	480-102053-7	480-102053-3	480-102053-4	480-102053-5	480-102053-6	480-102053-8	480-102302-1	480-102302-2	480-102382-1	480-102510-1	480-102705-1	480-102705-2
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51			Field Duplicate											
Volatile Organic Compounds																	
Acetone	µg/kg	50[AD] 500,000[B] 1,000,000[C]	n/v	27 U	26 U	26 U	26 U	26 U	26 U	29 U	30 U	30 U	30 U	30 U	28 U	98[AD]	25 U
Benzene	µg/kg	60[AD] 44,000[B] 89,000[C]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Bromodichloromethane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Bromoform (Tribromomethane)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Bromomethane (Methyl bromide)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Butylbenzene, n-	µg/kg	12,000[AD] 500,000[B] 1,000,000[C]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11,000[AD] 500,000[B] 1,000,000[C]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Butylbenzene, tert-	µg/kg	5,900[AD] 500,000[B] 1,000,000[C]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Carbon Disulfide	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 2,700[G]	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760[AD] 22,000[B] 44,000[C]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Chlorobenzene (Monochlorobenzene)	µg/kg	1,100[AD] 500,000[B] 1,000,000[C]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Chloroethane (Ethyl Chloride)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 1,900[G]	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Chloroform (Trichloromethane)	µg/kg	370[AD] 350,000[B] 700,000[C]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Chloromethane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Cyclohexane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Dibromochloromethane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Dichlorobenzene, 1,2-	µg/kg	1,100[AD] 500,000[B] 1,000,000[C]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Dichlorobenzene, 1,3-	µg/kg	2,400[AD] 280,000[B] 560,000[C]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Dichlorobenzene, 1,4-	µg/kg	1,800[AD] 130,000[B] 250,000[C]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Dichlorodifluoromethane (Freon 12)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Dichloroethane, 1,1-	µg/kg	270[AD] 240,000[B] 480,000[C]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Dichloroethane, 1,2-	µg/kg	20[m][A] 30,000[B] 60,000[C] 20[D]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Dichloroethene, 1,1-	µg/kg	330[AD] 500,000[B] 1,000,000[C]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Dichloroethene, cis-1,2-	µg/kg	250[AD] 500,000[B] 1,000,000[C]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Dichloroethene, trans-1,2-	µg/kg	190[AD] 500,000[B] 1,000,000[C]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Dichloropropane, 1,2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Dichloropropene, cis-1,3-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Dichloropropene, trans-1,3-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Ethylbenzene	µg/kg	1,000[AD] 390,000[B] 780,000[C]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	27 U	26 U	26 U	26 U	26 U	26 U	29 UJ	30 U	30 U	30 U	30 U	28 U	27 U	25 U
Isopropylbenzene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 2,300[G]	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Isopropyltoluene, p- (Cymene)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 10,000[G]	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Methyl Acetate	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	120[AD] 500,000[B] 1,000,000[C]	500,000[E] 1,000,000[F] 300[G]	27 U	26 U	26 U	26 U	26 U	26 U	29 UJ	30 U	30 U	30 U	30 U	28 U	27 U	25 U
Methyl Isobutyl Ketone (MIBK)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 1,000[G]	27 U	26 U	26 U	26 U	26 U	26 U	29 UJ	30 U	30 U	30 U	30 U	28 U	27 U	25 U
Methyl tert-butyl ether (MTBE)	µg/kg	930[AD] 500,000[B] 1,000,000[C]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Methylcyclohexane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Methylene Chloride (Dichloromethane)	µg/kg	50[AD] 500,000[B] 1,000,000[C]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Naphthalene	µg/kg	12,000[AD] 500,000[B] 1,000,000[C]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Propylbenzene, n-	µg/kg	3,900[AD] 500,000[B] 1,000,000[C]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Styrene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Tetrachloroethane, 1,1,2,2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 600[G]	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 UJ	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Tetrachloroethene (PCE)	µg/kg	1,300[AD] 150,000[B] 300,000[C]	500,000[E] 1,000,000[F]	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Toluene	µg/kg	700[AD] 500,000[B] 1,000,000[C]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Trichlorobenzene, 1,2,4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 3,400[G]	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Trichloroethane, 1,1,1-	µg/kg	680[AD] 500,000[B] 1,000,000[C]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Trichloroethane, 1,1,2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 UJ	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Trichloroethene (TCE)	µg/kg	470[AD] 200,000[B] 400,000[C]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Trichlorofluoromethane (Freon 11)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Trichlorotrifluoroethane (Freon 113)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 6,000[G]	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Trimethylbenzene, 1,2,4-	µg/kg	3,600[AD] 190,000[B] 380,000[C]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Trimethylbenzene, 1,3,5-	µg/kg	8,400[AD] 190,000[B] 380,000[C]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Vinyl Chloride	µg/kg	20[AD] 13,000[B] 27,000[C]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 UJ	5.0 UJ
Xylene, m & p-	µg/kg	260[A] 500,000[c,B] 1,000,000[d,C] 1,600[D]	n/v	11 U	11 U	11 U	11 U	10 U	10 U	11 U	12 U	12 U	12 U	12 U	11 U	11 U	10 U
Xylene, o-	µg/kg	260[A] 500,000[c,B] 1,000,000[d,C] 1,600[D]	n/v	5.4 U	5.3 U	5.3 U	5.3 U	5.2 U	5.2 U	5.7 U	6.0 U	5.9 U	5.9 U	6.0 U	5.5 U	5.4 U	5.0 U
Xylenes, Total	µg/kg	260[A] 500,000[c,B] 1,000,000[d,C] 1,600[D]	n/v	11 U	11 U	11 U	11 U	10 U	10 U	11 U	12 U	12 U	12 U	12 U	11 U	11 U	10 U
Total VOC	µg/kg	n/v	n/v	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	98	ND
VOC - Tentatively Identified Compounds																	
Total VOC TICs	µg/kg	n/v	n/v	-	-	-	-	-	-	-	-	62.2	36	-	-	-	-

See notes on last page.

Table 1
Summary of Analytical Results for RI Soil Samples
IRMWP#4
820 Linden Ave Site, BCP #C828200
820 Linden Avenue, Pittsford, NY

Sample Location				B-11D		B-12	B-12D				B-13		B-13D		B-14 (MW-5)		
Sample Date				12-Jan-17	12-Jan-17	5-Jul-16	11-Jan-17	11-Jan-17	11-Jan-17	11-Jan-17	5-Jul-16	5-Jul-16	12-Jan-17	12-Jan-17	13-Sep-16	13-Sep-16	14-Sep-16
Sample ID				LIN-B11D-S1	LIN-B11D-S2	B-12 (8-9)	LIN-B12D-S1	LIN-B12D-S2	LIN-B12D-S3	LIN-DUP-S	B-13 (2-3)	B-13 (7-8)	LIN-B13D-S1	LIN-B13D-S2	B-10 (3-4)	DUP0916	B-10 (62-63)
Sample Depth				28 - 29 ft	60 - 60.5 ft	8 - 9 ft	28 - 28.5 ft	40.5 - 41.5 ft	58 - 58.5 ft	58 - 58.5 ft	2 - 3 ft	7 - 8 ft	48 - 48.5 ft	54.5 - 55.5 ft	3 - 4 ft	3 - 4 ft	62 - 63 ft
Sampling Company				STANTEC	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	TAL
Laboratory Work Order				480-112267-1	480-112267-1	480-102705-1	480-112267-1	480-112267-1	480-112267-1	480-112267-1	480-102705-1	480-102705-1	480-112267-1	480-112267-1	480-106008-1	480-106008-1	480-106008-1
Laboratory Sample ID				480-112267-6	480-112267-7	480-102705-3	480-112267-8	480-112267-9	480-112267-10	480-112267-11	480-102705-4	480-102705-5	480-112267-12	480-112267-13	480-106008-1	480-106008-3	480-106008-2
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51							Field Duplicate						Field Duplicate	
General Chemistry																	
Cyanide	mg/kg	27[AB] 10,000[a] [C] 40[D]	n/v	-	-	0.93 U	-	-	-	-	0.99 U	0.98 U	-	-	-	-	-
Metals																	
Aluminum	mg/kg	10,000[a][ABCD]	10,000[a][EFG]	-	-	3,610	-	-	-	-	5,320	4,720	-	-	-	-	-
Antimony	mg/kg	10,000[a][ABCD]	10,000[a][EFG]	-	-	15.1 U	-	-	-	-	16.8 U	16.5 U	-	-	-	-	-
Arsenic	mg/kg	13[A] 16[a][BCD]	n/v	-	-	2.0 U	-	-	-	-	2.2 U	2.2 U	-	-	-	-	-
Barium	mg/kg	350[a][A] 400[B] 10,000[a][C] 820[D]	n/v	-	-	11.2	-	-	-	-	37.9	34.1	-	-	-	-	-
Beryllium	mg/kg	7.2[A] 590[B] 2,700[C] 47[D]	n/v	-	-	0.20 U	-	-	-	-	0.24	0.22	-	-	-	-	-
Cadmium	mg/kg	2.5[n][A] 9.3[B] 60[C] 7.5[D]	n/v	-	-	0.20 U	-	-	-	-	0.22 U	0.22 U	-	-	-	-	-
Calcium	mg/kg	10,000[a][ABCD]	10,000[a][EFG]	-	-	1,910	-	-	-	-	**84,300[ABCDEFG]**	**101,000[ABCDEFG]**	-	-	-	-	-
Chromium	mg/kg	30[n,i][A] 1,500[B] 6,800[i][C] [NS,a][D]	n/v	-	-	6.9	-	-	-	-	6.9	6.8	-	-	-	-	-
Cobalt	mg/kg	10,000[a][ABCD]	10,000[a][EFG]	-	-	2.1	-	-	-	-	2.3	2.2	-	-	-	-	-
Copper	mg/kg	50[A] 270[B] 10,000[a][C] 1,720[D]	n/v	-	-	3.6	-	-	-	-	7.2	10.5	-	-	-	-	-
Iron	mg/kg	10,000[a][ABCD]	10,000[a][EFG]	-	-	7,350	-	-	-	-	7,020	6,670	-	-	-	-	-
Lead	mg/kg	63[n][A] 1,000[B] 3,900[C] 450[D]	n/v	-	-	1.4	-	-	-	-	10.7	13.1	-	-	-	-	-
Magnesium	mg/kg	10,000[a][ABCD]	n/v	-	-	1,140	-	-	-	-	**28,600[ABCD]**	**39,200[ABCD]**	-	-	-	-	-
Manganese	mg/kg	1,600[n][A] 10,000[a][BC] 2,000[a][D]	n/v	-	-	169	-	-	-	-	271	302	-	-	-	-	-
Mercury	mg/kg	0.18[n][A] 2.8[a][B] 5.7[A][C] 0.73[D]	n/v	-	-	0.018 U	-	-	-	-	0.021 U	0.020 U	-	-	-	-	-
Nickel	mg/kg	30[A] 310[B] 10,000[a][C] 130[D]	n/v	-	-	5.0 U	-	-	-	-	5.6 U	5.7	-	-	-	-	-
Potassium	mg/kg	10,000[a][ABCD]	n/v	-	-	694	-	-	-	-	1,230	1,100	-	-	-	-	-
Selenium	mg/kg	3.9[n][A] 1,500[B] 6,800[C] 4[a][D]	n/v	-	-	4.0 U	-	-	-	-	4.5 U	4.4 U	-	-	-	-	-
Silver	mg/kg	2[A] 1,500[B] 6,800[C] 8.3[D]	n/v	-	-	0.50 U	-	-	-	-	0.56 U	0.55 U	-	-	-	-	-
Sodium	mg/kg	10,000[a][ABCD]	n/v	-	-	141 U	-	-	-	-	270	238	-	-	-	-	-
Thallium	mg/kg	10,000[a][ABCD]	10,000[a][EFG]	-	-	6.0 U	-	-	-	-	6.7 U	6.6 U	-	-	-	-	-
Vanadium	mg/kg	10,000[a][ABCD]	10,000[a][EFG]	-	-	13.0	-	-	-	-	10.4	8.6	-	-	-	-	-
Zinc	mg/kg	109[n][A] 10,000[a][BC] 2,480[D]	n/v	-	-	10.7	-	-	-	-	37.7	37.2	-	-	-	-	-
Polychlorinated Biphenyls																	
Aroclor 1016	µg/kg	[ABCD]	n/v	-	-	220 U	-	-	-	-	230 U	260 U	-	-	-	-	-
Aroclor 1221	µg/kg	[ABCD]	n/v	-	-	220 U	-	-	-	-	230 U	260 U	-	-	-	-	-
Aroclor 1232	µg/kg	[ABCD]	n/v	-	-	220 U	-	-	-	-	230 U	260 U	-	-	-	-	-
Aroclor 1242	µg/kg	[ABCD]	n/v	-	-	220 U	-	-	-	-	230 U	260 U	-	-	-	-	-
Aroclor 1248	µg/kg	[ABCD]	n/v	-	-	220 U	-	-	-	-	230 U	260 U	-	-	-	-	-
Aroclor 1254	µg/kg	[ABCD]	n/v	-	-	220 U	-	-	-	-	230 U	260 U	-	-	-	-	-
Aroclor 1260	µg/kg	[ABCD]	n/v	-	-	220 U	-	-	-	-	230 U	260 U	-	-	-	-	-
Aroclor 1262	µg/kg	[ABCD]	n/v	-	-	220 U	-	-	-	-	230 U	260 U	-	-	-	-	-
Aroclor 1268	µg/kg	[ABCD]	n/v	-	-	220 U	-	-	-	-	230 U	260 U	-	-	-	-	-
Polychlorinated Biphenyls (PCBs)	µg/kg	100[A] 1,000[B] 25,000[C] 3,200[D]	n/v	-	-	ND	-	-	-	-	ND	ND	-	-	-	-	-
Pesticides																	
Aldrin	µg/kg	5[n][A] 680[B] 1,400[C] 190[D]	n/v	-	-	1.7 U	-	-	-	-	3.6 U	1.7 U	-	-	-	-	-
BHC, alpha-	µg/kg	20[KO] 3,400[B] 6,800[C]	n/v	-	-	1.7 U	-	-	-	-	3.6 U	1.7 U	-	-	-	-	-
BHC, beta-	µg/kg	36[A] 3,000[B] 14,000[C] 90[D]	n/v	-	-	1.7 U	-	-	-	-	3.6 U	1.7 U	-	-	-	-	-
BHC, delta-	µg/kg	40[n][A] 500,000[B] 1,000,000[a][C] 250[D]	n/v	-	-	1.7 U	-	-	-	-	3.6 U	1.7 U	-	-	-	-	-
Camphechlor (Toxaphene)	µg/kg	100,000[a][A] 500,000[c][B] 1,000,000[d][CD]	n/v	-	-	17 U	-	-	-	-	36 U	17 U	-	-	-	-	-
Chlordane, alpha-	µg/kg	94[A] 24,000[B] 47,000[C] 2,900[D]	n/v	-	-	1.7 U	-	-	-	-	3.6 U	1.7 U	-	-	-	-	-
Chlordane, trans- (gamma-Chlordane)	µg/kg	100,000[a][A] 1,000,000[d][D]	n/v	-	-	1.7 U	-	-	-	-	3.6 U	1.7 U	-	-	-	-	-
DDD (p,p'-DDD)	µg/kg	3.3[m][A] 92,000[B] 180,000[C] 14,000[D]	n/v	-	-	1.7 U	-	-	-	-	3.6 U	1.7 U	-	-	-	-	-
DDE (p,p'-DDE)	µg/kg	3.3[m][A] 62,000[B] 120,000[C] 17,000[D]	n/v	-	-	1.7 U	-	-	-	-	3.6 U	1.7 U	-	-	-	-	-
DDT (p,p'-DDT)	µg/kg	3.3[m][A] 47,000[B] 94,000[C] 136,000[D]	n/v	-	-	1.7 U	-	-	-	-	3.6 U	1.7 U	-	-	-	-	-
Dieldrin	µg/kg	5[n][A] 1,400[B] 2,800[C] 100[D]	n/v	-	-	1.7 U	-	-	-	-	4.0	1.7 U	-	-	-	-	-
Endosulfan I	µg/kg	2,400[A] 200,000[B] 920,000[C] 102,000[D]	n/v	-	-	1.7 U	-	-	-	-	3.6 U	1.7 U	-	-	-	-	-
Endosulfan II	µg/kg	2,400[A] 200,000[B] 920,000[C] 102,000[D]	n/v	-	-	1.7 U	-	-	-	-	3.6 U	1.7 U	-	-	-	-	-
Endosulfan Sulfate	µg/kg	2,400[i][A] 200,000[B] 920,000[i][C] 1,000,000[a][D]	n/v	-	-	1.7 U	-	-	-	-	3.6 U	1.7 U	-	-	-	-	-
Endrin	µg/kg	14[A] 89,000[B] 410,000[C] 60[D]	n/v	-	-	1.7 U	-	-	-	-	3.6 U	1.7 U	-	-	-	-	-
Endrin Aldehyde	µg/kg	100,000[a][A] 500,000[c][B] 1,000,000[d][CD]	n/v	-	-	1.7 U	-	-	-	-	3.6 U	1.7 U	-	-	-	-	-
Endrin Ketone	µg/kg	100,000[a][A] 500,000[c][B] 1,000,000[d][CD]	n/v	-	-	1.7 U	-	-	-	-	3.6 U	1.7 U	-	-	-	-	-
Heptachlor	µg/kg	42[A] 15,000[B] 29,000[C] 380[D]	n/v	-	-	1.7 U	-	-	-	-	3.6 U	1.7 U	-	-	-	-	-
Heptachlor Epoxide	µg/kg	100,000[a][A] 500,000[c][B] 1,000,000[d][CD]	500,000[a][E] 1,000,000[a][F] 20[G]	-	-	1.7 U	-	-	-	-	3.6 U	1.7 U	-	-	-	-	-
Lindane (Hexachlorocyclohexane, gamma)	µg/kg	100[AD] 9,200[B] 23,000[C]	n/v	-	-	1.7 U	-	-	-	-	3.6 U	1.7 U	-	-	-	-	-
Methoxychlor (4,4'-Methoxychlor)	µg/kg	100,000[a][A] 500,000[c][B] 1,000,000[d][CD]	500,000[a][E] 1,000,000[a][F] 900,000[G]	-	-	1.7 U	-	-	-	-	3.6 U	1.7 U	-	-	-	-	-

See notes on last page.

Table 1
Summary of Analytical Results for RI Soil Samples
IRMWP#4
820 Linden Ave Site, BCP #C828200
820 Linden Avenue, Pittsford, NY

Sample Location				B-11D		B-12	B-12D				B-13		B-13D		B-14 (MW-5)		
Sample Date				12-Jan-17	12-Jan-17	5-Jul-16	11-Jan-17	11-Jan-17	11-Jan-17	11-Jan-17	5-Jul-16	5-Jul-16	12-Jan-17	12-Jan-17	13-Sep-16	13-Sep-16	14-Sep-16
Sample ID				LIN-B11D-S1	LIN-B11D-S2	B-12 (8-9)	LIN-B12D-S1	LIN-B12D-S2	LIN-B12D-S3	LIN-DUP-S	B-13 (2-3)	B-13 (7-8)	LIN-B13D-S1	LIN-B13D-S2	B-10 (3-4)	DUP0916	B-10 (62-63)
Sample Depth				28 - 29 ft	60 - 60.5 ft	8 - 9 ft	28 - 28.5 ft	40.5 - 41.5 ft	58 - 58.5 ft	58 - 58.5 ft	2 - 3 ft	7 - 8 ft	48 - 48.5 ft	54.5 - 55.5 ft	3 - 4 ft	3 - 4 ft	62 - 63 ft
Sampling Company				STANTEC	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	TAL
Laboratory Work Order				480-112267-1	480-112267-1	480-102705-1	480-112267-1	480-112267-1	480-112267-1	480-112267-1	480-102705-1	480-102705-1	480-112267-1	480-112267-1	480-106008-1	480-106008-1	480-106008-1
Laboratory Sample ID				480-112267-6	480-112267-7	480-102705-3	480-112267-8	480-112267-9	480-112267-10	480-112267-11	480-102705-4	480-102705-5	480-112267-12	480-112267-13	480-106008-1	480-106008-3	480-106008-2
Sample Type										Field Duplicate						Field Duplicate	
Semi-Volatile Organic Compounds																	
Acenaphthene	µg/kg	20,000[A] 500,000[B] 1,000,000[C] 98,000[D]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Acenaphthylene	µg/kg	100,000[A] 500,000[B] 1,000,000[C] 107,000[D]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Acetophenone	µg/kg	100,000[A] 1,000,000[D]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Anthracene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Atrazine	µg/kg	100,000[A] 1,000,000[D]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Benzaldehyde	µg/kg	100,000[A] 1,000,000[D]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Benzo(a)anthracene	µg/kg	1,000[A] 5,600[B] 11,000[C] 1,000[D]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1,000[A] 1,000[B] 1,100[C] 22,000[D]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	1,000[A] 5,600[B] 11,000[C] 1,700[D]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	800[A] 56,000[B] 110,000[C] 1,700[D]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Biphenyl, 1,1'- (Biphenyl)	µg/kg	100,000[A] 1,000,000[D]	500,000[E] 1,000,000[F]	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Bis(2-Chloroethoxy)methane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Bis(2-Chloroethyl)ether	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 435,000[G]	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Bromophenyl Phenyl Ether, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Butyl Benzyl Phthalate	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 122,000[G]	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Caprolactam	µg/kg	100,000[A] 1,000,000[D]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Carbazole	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Chloro-3-methyl phenol, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Chloroaniline, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 220[G]	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Chloronaphthalene, 2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Chlorophenyl Phenyl Ether, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Chrysene	µg/kg	1,000[A] 56,000[B] 110,000[C] 1,000[D]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Cresol, o- (Methylphenol, 2-)	µg/kg	330[A] 500,000[B] 1,000,000[C] 330[D]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Cresol, p- (Methylphenol, 4-)	µg/kg	330[A] 500,000[B] 1,000,000[C] 330[D]	n/v	-	-	330 U	-	-	-	-	350 U	350 U	-	-	-	-	-
Dibenzo(a,h)anthracene	µg/kg	330[A] 560[B] 1,100[C] 1,000,000[D]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Dibenzofuran	µg/kg	7,000[A] 350,000[B] 1,000,000[C] 210,000[D]	500,000[E] 1,000,000[F] 6,200[G]	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Dibutyl Phthalate (DBP)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 8,100[G]	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Dichlorobenzidine, 3,3'-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Dichlorophenol, 2,4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 400[G]	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Diethyl Phthalate	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 7,100[G]	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Dimethyl Phthalate	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 27,000[G]	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Dimethylphenol, 2,4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Dinitro-o-cresol, 4,6-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	330 U	-	-	-	-	350 U	350 U	-	-	-	-	-
Dinitrophenol, 2,4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 200[G]	-	-	330 U	-	-	-	-	350 U	350 U	-	-	-	-	-
Dinitrotoluene, 2,4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Dinitrotoluene, 2,6-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 1,000/170[b,s1,G]	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Di-n-Octyl phthalate	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 120,000[G]	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Fluoranthene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Fluorene	µg/kg	30,000[A] 500,000[B] 1,000,000[C] 386,000[D]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Hexachlorobenzene	µg/kg	330[A] 6,000[B] 12,000[C] 3,200[D]	500,000[E] 1,000,000[F] 1,400[G]	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Hexachloroethane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	500[A] 5,600[B] 11,000[C] 8,200[D]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Isophorone	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 4,400[G]	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Methylnaphthalene, 2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 36,400[G]	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Naphthalene	µg/kg	12,000[AD] 500,000[B] 1,000,000[C]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Nitroaniline, 2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 400[G]	-	-	330 U	-	-	-	-	350 U	350 U	-	-	-	-	-
Nitroaniline, 3-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 500[G]	-	-	330 U	-	-	-	-	350 U	350 U	-	-	-	-	-
Nitroaniline, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	330 U	-	-	-	-	350 U	350 U	-	-	-	-	-
Nitrobenzene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	69,000[E] 140,000[F] 170[b,G]	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Nitrophenol, 2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 300[G]	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Nitrophenol, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 100[G]	-	-	330 U	-	-	-	-	350 U	350 U	-	-	-	-	-
N-Nitrosodi-n-Propylamine	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
n-Nitrosodiphenylamine	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Pentachlorophenol	µg/kg	800[A] 6,700[B] 55,000[C] 800[D]	n/v	-	-	330 U	-	-	-	-	350 U	350 U	-	-	-	-	-
Phenanthrene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Phenol	µg/kg	330[A] 500,000[B] 1,000,000[C] 330[D]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Pyrene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Trichlorophenol, 2,4,5-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 100[G]	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Trichlorophenol, 2,4,6-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	-	-	170 U	-	-	-	-	180 U	180 U	-	-	-	-	-
Total SVOC	µg/kg	n/v	n/v	-	-	ND	-	-	-	-	ND	ND	-	-	-	-	-
SVOC - Tentatively Identified Compounds																	
Total SVOC TICs	µg/kg	n/v	n/v	-	-	ND	-	-	-	-	1,300	9,050	-	-	-	-	-

See notes on last page.

Table 1
Summary of Analytical Results for RI Soil Samples
IRMWP#4
820 Linden Ave Site, BCP #C828200
820 Linden Avenue, Pittsford, NY

Sample Location				B-11D		B-12	B-12D				B-13		B-13D		B-14 (MW-5)		
Sample Date				12-Jan-17	12-Jan-17	5-Jul-16	11-Jan-17	11-Jan-17	11-Jan-17	11-Jan-17	5-Jul-16	5-Jul-16	12-Jan-17	12-Jan-17	13-Sep-16	13-Sep-16	14-Sep-16
Sample ID				LIN-B11D-S1	LIN-B11D-S2	B-12 (8-9)	LIN-B12D-S1	LIN-B12D-S2	LIN-B12D-S3	LIN-DUP-S	B-13 (2-3)	B-13 (7-8)	LIN-B13D-S1	LIN-B13D-S2	B-10 (3-4)	DUP0916	B-10 (62-63)
Sample Depth				28 - 29 ft	60 - 60.5 ft	8 - 9 ft	28 - 28.5 ft	40.5 - 41.5 ft	58 - 58.5 ft	58 - 58.5 ft	2 - 3 ft	7 - 8 ft	48 - 48.5 ft	54.5 - 55.5 ft	3 - 4 ft	3 - 4 ft	62 - 63 ft
Sampling Company				STANTEC	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	TAL
Laboratory Work Order				480-112267-1	480-112267-1	480-102705-1	480-112267-1	480-112267-1	480-112267-1	480-112267-1	480-102705-1	480-102705-1	480-112267-1	480-112267-1	480-106008-1	480-106008-1	480-106008-1
Laboratory Sample ID				480-112267-6	480-112267-7	480-102705-3	480-112267-8	480-112267-9	480-112267-10	480-112267-11	480-102705-4	480-102705-5	480-112267-12	480-112267-13	480-106008-1	480-106008-3	480-106008-2
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51							Field Duplicate						Field Duplicate	
Volatile Organic Compounds																	
Acetone	µg/kg	50[AD] 500,000[B] 1,000,000[C]	n/v	26 U	**53[AD]**	25 U	42	35	**95[AD]**	**92[AD]**	28	**70 J[AD]**	**120[AD]**	550 U	31 U	25 U	30 U
Benzene	µg/kg	60[AD] 44,000[B] 89,000[C]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Bromodichloromethane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Bromoform (Tribromomethane)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Bromomethane (Methyl bromide)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Butylbenzene, n-	µg/kg	12,000[AD] 500,000[B] 1,000,000[C]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11,000[AD] 500,000[B] 1,000,000[C]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Butylbenzene, tert-	µg/kg	5,900[AD] 500,000[B] 1,000,000[C]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Carbon Disulfide	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 2,700[G]	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760[AD] 22,000[B] 44,000[C]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Chlorobenzene (Monochlorobenzene)	µg/kg	1,100[AD] 500,000[B] 1,000,000[C]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Chloroethane (Ethyl Chloride)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 1,900[G]	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Chloroform (Trichloromethane)	µg/kg	370[AD] 350,000[B] 700,000[C]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Chloromethane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Cyclohexane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Dibromochloromethane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Dichlorobenzene, 1,2-	µg/kg	1,100[AD] 500,000[B] 1,000,000[C]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Dichlorobenzene, 1,3-	µg/kg	2,400[AD] 280,000[B] 560,000[C]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Dichlorobenzene, 1,4-	µg/kg	1,800[AD] 130,000[B] 250,000[C]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Dichlorodifluoromethane (Freon 12)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Dichloroethane, 1,1-	µg/kg	270[AD] 240,000[B] 480,000[C]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Dichloroethane, 1,2-	µg/kg	20[m][A] 30,000[B] 60,000[C] 20[D]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Dichloroethene, 1,1-	µg/kg	330[AD] 500,000[B] 1,000,000[C]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Dichloroethene, cis-1,2-	µg/kg	250[AD] 500,000[B] 1,000,000[C]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Dichloroethene, trans-1,2-	µg/kg	190[AD] 500,000[B] 1,000,000[C]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Dichloropropane, 1,2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Dichloropropene, cis-1,3-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Dichloropropene, trans-1,3-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Ethylbenzene	µg/kg	1,000[AD] 390,000[B] 780,000[C]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	26 U	28 U	25 U	25 U	26 U	26 U	27 U	27 U	26 U	26 U	550 U	31 U	25 U	30 U
Isopropylbenzene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 2,300[G]	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Isopropyltoluene, p- (Cymene)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 10,000[G]	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Methyl Acetate	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	26 U	28 U	5.0 U	25 U	26 U	26 U	27 U	5.5 U	5.2 U	26 U	550 U	31 U	25 U	30 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	120[AD] 500,000[B] 1,000,000[C]	500,000[E] 1,000,000[F] 300[G]	26 U	28 U	25 U	25 U	26 U	26 U	27 U	27 U	26 UJ	26 U	550 U	31 U	25 U	30 UJ
Methyl Isobutyl Ketone (MIBK)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 1,000[G]	26 U	28 U	25 U	25 U	26 U	26 U	27 U	27 U	26 UJ	26 U	550 U	31 U	25 U	30 U
Methyl tert-butyl ether (MTBE)	µg/kg	930[AD] 500,000[B] 1,000,000[C]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Methylcyclohexane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Methylene Chloride (Dichloromethane)	µg/kg	50[AD] 500,000[B] 1,000,000[C]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Naphthalene	µg/kg	12,000[AD] 500,000[B] 1,000,000[C]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Propylbenzene, n-	µg/kg	3,900[AD] 500,000[B] 1,000,000[C]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Styrene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Tetrachloroethane, 1,1,2,2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 600[G]	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 UJ	5.1 U	110 U	6.2 U	5.1 U	6.0 UJ
Tetrachloroethene (PCE)	µg/kg	1,300[AD] 150,000[B] 300,000[C]	500,000[E] 1,000,000[F]	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Toluene	µg/kg	700[AD] 500,000[B] 1,000,000[C]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Trichlorobenzene, 1,2,4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 3,400[G]	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Trichloroethane, 1,1,1-	µg/kg	680[AD] 500,000[B] 1,000,000[C]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Trichloroethane, 1,1,2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Trichloroethene (TCE)	µg/kg	470[AD] 200,000[B] 400,000[C]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Trichlorofluoromethane (Freon 11)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Trichlorotrifluoroethane (Freon 113)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 6,000[G]	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Trimethylbenzene, 1,2,4-	µg/kg	3,600[AD] 190,000[B] 380,000[C]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Trimethylbenzene, 1,3,5-	µg/kg	8,400[AD] 190,000[B] 380,000[C]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Vinyl Chloride	µg/kg	20[AD] 13,000[B] 27,000[C]	n/v	5.2 U	5.6 U	5.0 UJ	5.1 U	5.1 U	5.2 U	5.3 U	5.5 UJ	5.2 UJ	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Xylene, m & p-	µg/kg	260[A] 500,000[c,B] 1,000,000[d,C] 1,600[D]	n/v	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	10 U	220 U	12 U	10 U	12 U
Xylene, o-	µg/kg	260[A] 500,000[c,B] 1,000,000[d,C] 1,600[D]	n/v	5.2 U	5.6 U	5.0 U	5.1 U	5.1 U	5.2 U	5.3 U	5.5 U	5.2 U	5.1 U	110 U	6.2 U	5.1 U	6.0 U
Xylenes, Total	µg/kg	260[A] 500,000[c,B] 1,000,000[d,C] 1,600[D]	n/v	10 U	11 U	10 U	10 U	10 U	10 U	11 U	11 U	10 U	10 U	220 U	12 U	10 U	12 U
Total VOC	µg/kg	n/v	n/v	ND	53	ND	42	35	95	92	28	70	120	110	ND	ND	ND
VOC - Tentatively Identified Compounds																	
Total VOC TICs	µg/kg	n/v	n/v	-	-	-	5.4	-	-	-	-	-	8.7	20,880	-	-	-

See notes on last page.

Table 1
Summary of Analytical Results for RI Soil Samples
IRMWP#4
820 Linden Ave Site, BCP #C828200
820 Linden Avenue, Pittsford, NY

Sample Location				B/MW-101			B/MW-102		B-102a	B/MW-103			B/MW-104			
Sample Date				25-Jul-18	25-Jul-18	25-Jul-18	23-Jul-18	23-Jul-18	24-Jul-18	24-Jul-18	24-Jul-18	24-Jul-18	26-Jul-18	26-Jul-18	26-Jul-18	26-Jul-18
Sample ID				LIN-B101-S1	LIN-FD1-S	LIN-B101-S2	LIN-B102-S1	LIN-B102-S2	LIN-B102a-S	LIN-B103-S1	LIN-B103-S3	LIN-B103-S2	LIN-B104-S2	LIN-FD2-S	LIN-B104-S1	LIN-B104-S3
Sample Depth				15 - 17 ft	15 - 17 ft	57 - 60 ft	2 - 3.5 ft	50.5 - 52 ft	7 - 8 ft	8 - 10 ft	19 - 19.5 ft	49 - 51 ft	4 - 8 ft	4 - 8 ft	10.5 - 11 ft	45 - 49 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				460-161448-1	460-161448-1	460-161448-1	460-161196-1	460-161196-1	460-161196-1	460-161196-1	460-161448-1	460-161196-1	460-161448-1	460-161448-1	460-161448-1	460-161448-1
Laboratory Sample ID				460-161448-1	460-161448-3	460-161448-2	460-161196-1	460-161196-2	460-161196-3	460-161196-4	460-161448-4	460-161196-5	460-161448-8	460-161448-6	460-161448-7	460-161448-9
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51		Field Duplicate									Field Duplicate		
General Chemistry																
Cyanide	mg/kg	27[A,B] 10,000$_a$[C] 40[D]	n/v	-	-	-	-	-	-	1.1 U	-	1.2 U	0.27 U	0.28 U	-	0.25 U
Metals																
Aluminum	mg/kg	10,000$_a$[ABCD]	10,000$_a$[EFG]	3,450	4,030	2,000	4,900	2,720	-	3,260	-	2,060	**10,400[ABCDEFG]**	-	-	1,820
Antimony	mg/kg	10,000$_a$[ABCD]	10,000$_a$[EFG]	32.0 U	29.1 U	37.8 U	33.6 UJ	36.0 U	-	30.2 U	-	37.0 U	34.2 U	-	-	30.1 U
Arsenic	mg/kg	13$_s$[A] 16$_a$[BCD]	n/v	4.3 U	3.9 U	5.0 U	1.1 J	1.3 J	-	1.2 J	-	1.4 J	4.7	-	-	4.0 U
Barium	mg/kg	350$_a$[A] 400[B] 10,000$_a$[C] 820[D]	n/v	12.2	14.0	21.8	13.2	18.9	-	9.0	-	21.5	53.8	-	-	13.6
Beryllium	mg/kg	7.2[A] 590[B] 2,700[C] 47[D]	n/v	0.43 U	0.39 U	0.50 U	0.27 J	0.22 J	-	0.25 J	-	0.15 J	0.63	-	-	0.40 U
Cadmium	mg/kg	2.5$_s$[A] 9.3[B] 60[C] 7.5[D]	n/v	0.43 U	0.39 U	0.50 U	0.45 U	0.48 U	-	0.40 U	-	0.49 U	0.46 U	-	-	0.40 U
Calcium	mg/kg	10,000$_a$[ABCD]	10,000$_a$[EFG]	**30,400[ABCDEFG]**	**26,000[ABCDEFG]**	**27,800[ABCDEFG]**	1,730	**34,600[ABCDEFG]**	-	1,610	-	**25,000[ABCDEFG]**	3,220	-	-	**26,600[ABCDEFG]**
Chromium	mg/kg	30$_{h,i}$[A] 1,500[B] 6,800[C] $_{NS,a}$[D]	n/v	6.4	7.4	4.9	7.1	5.7	-	5.3	-	3.5	15.4	-	-	3.1
Cobalt	mg/kg	10,000$_a$[ABCD]	10,000$_a$[EFG]	3.1	3.6	1.8	3.7	2.4	-	2.9	-	1.8	9.0	-	-	1.9
Copper	mg/kg	50[A] 270[B] 10,000$_e$[C] 1,720[D]	n/v	6.3	7.9	4.2	8.2	6.1	-	6.4	-	4.3	18.5	-	-	4.2
Iron	mg/kg	10,000$_a$[ABCD]	10,000$_a$[EFG]	8,580	9,880	5,520	**10,800[ABCDEFG]**	8,260	-	8,030	-	5,520	**22,700[ABCDEFG]**	-	-	4,920
Lead	mg/kg	63$_h$[A] 1,000[B] 3,900[C] 450[D]	n/v	2.5	3.0	2.5 U	2.5	2.4	-	2.4	-	1.3 J	8.2	-	-	2.0 U
Magnesium	mg/kg	10,000$_a$[ABCD]	n/v	6,100	6,460	6,290	1,410	8,260	-	1,210	-	5,480	3,800	-	-	5,110
Manganese	mg/kg	1,600$_s$[A] 10,000$_a$[BC] 2,000$_a$[D]	n/v	267	310	171	305	221	-	234	-	162	551	-	-	157
Mercury	mg/kg	0.18$_n$[A] 2.8$_s$[B] 5.7$_s$[C] 0.73[D]	n/v	0.018 U	0.018 U	0.021 U	0.019 U	0.020 U	-	0.017 U	-	0.021 U	0.020 U	-	-	0.017 U
Nickel	mg/kg	30[A] 310[B] 10,000$_a$[C] 130[D]	n/v	10.7 U	9.7 U	12.6 U	7.1 J	5.1 J	-	5.7 J	-	4.5 J	21.2	-	-	10.0 U
Potassium	mg/kg	10,000$_a$[ABCD]	n/v	533	595	356	452	445	-	379	-	340	1,310	-	-	284
Selenium	mg/kg	3.9$_n$[A] 1,500[B] 6,800[C] 4$_a$[D]	n/v	8.5 U	7.8 U	10.1 U	8.9 U	9.6 U	-	8.1 U	-	9.9 U	9.1 U	-	-	8.0 U
Silver	mg/kg	2[A] 1,500[B] 6,800[C] 8.3[D]	n/v	1.1 U	0.97 U	1.3 U	1.1 U	1.2 U	-	1.0 U	-	1.2 U	1.1 U	-	-	1.0 U
Sodium	mg/kg	10,000$_a$[ABCD]	n/v	298 U	272 U	353 U	313 U	119 J	-	111 J	-	100 J	319 U	-	-	281 U
Thallium	mg/kg	10,000$_a$[ABCD]	10,000$_a$[EFG]	12.8 U	11.6 U	15.1 U	13.4 U	14.4 U	-	12.1 U	-	14.8 U	13.7 U	-	-	12.0 U
Vanadium	mg/kg	10,000$_a$[ABCD]	10,000$_a$[EFG]	10.0	11.6	6.6	13.8	11.6	-	9.8	-	6.8	23.1	-	-	6.7
Zinc	mg/kg	109$_n$[A] 10,000$_a$[BC] 2,480[D]	n/v	14.2	16.6	8.7	16.7	12.0	-	14.2	-	8.4	41.4	-	-	12.9
Polychlorinated Biphenyls																
Aroclor 1016	µg/kg	[ABCD]	n/v	-	-	-	-	-	-	36 U	-	41 U	44 U	42 U	-	35 U
Aroclor 1221	µg/kg	[ABCD]	n/v	-	-	-	-	-	-	36 U	-	41 U	44 U	42 U	-	35 U
Aroclor 1232	µg/kg	[ABCD]	n/v	-	-	-	-	-	-	36 U	-	41 U	44 U	42 U	-	35 U
Aroclor 1242	µg/kg	[ABCD]	n/v	-	-	-	-	-	-	36 U	-	41 U	44 U	42 U	-	35 U
Aroclor 1248	µg/kg	[ABCD]	n/v	-	-	-	-	-	-	36 U	-	41 U	44 U	42 U	-	35 U
Aroclor 1254	µg/kg	[ABCD]	n/v	-	-	-	-	-	-	36 U	-	41 U	44 U	42 U	-	35 U
Aroclor 1260	µg/kg	[ABCD]	n/v	-	-	-	-	-	-	36 U	-	41 U	44 U	42 U	-	35 U
Aroclor 1262	µg/kg	[ABCD]	n/v	-	-	-	-	-	-	36 U	-	41 U	44 U	42 U	-	35 U
Aroclor 1268	µg/kg	[ABCD]	n/v	-	-	-	-	-	-	36 U	-	41 U	44 U	42 U	-	35 U
Polychlorinated Biphenyls (PCBs)	µg/kg	100[A] 1,000[B] 25,000[C] 3,200[D]	n/v	-	-	-	-	-	-	ND	-	ND	ND	ND	-	ND
Pesticides																
Aldrin	µg/kg	5$_n$[A] 680[B] 1,400[C] 190[D]	n/v	-	-	-	-	-	-	3.6 U	-	4.1 UJ	4.4 U	4.2 U	-	3.5 U
BHC, alpha-	µg/kg	20[KO] 3,400[B] 6,800[C]	n/v	-	-	-	-	-	-	3.6 U	-	4.1 UJ	4.4 U	4.2 U	-	3.5 U
BHC, beta-	µg/kg	36[K] 3,000[B] 14,000[C] 90[D]	n/v	-	-	-	-	-	-	3.6 U	-	4.1 UJ	4.4 U	4.2 U	-	3.5 U
BHC, delta-	µg/kg	40$_n$[A] 500,000$_s$[B] 1,000,000$_d$[C] 250[D]	n/v	-	-	-	-	-	-	3.6 U	-	4.1 UJ	4.4 U	4.2 U	-	3.5 U
Camphechlor (Toxaphene)	µg/kg	100,000$_a$[A] 500,000$_s$[B] 1,000,000$_d$[CD]	n/v	-	-	-	-	-	-	36 U	-	41 UJ	44 U	42 U	-	35 U
Chlordane, alpha-	µg/kg	94[A] 24,000[B] 47,000[C] 2,900[D]	n/v	-	-	-	-	-	-	3.6 U	-	4.1 UJ	4.4 U	4.2 U	-	3.5 U
Chlordane, trans- (gamma-Chlordane)	µg/kg	100,000$_a$[A] 1,000,000$_d$[D]	n/v	-	-	-	-	-	-	3.6 U	-	4.1 UJ	4.4 U	4.2 U	-	3.5 U
DDD (p,p'-DDD)	µg/kg	3.3$_m$[A] 92,000[B] 180,000[C] 14,000[D]	n/v	-	-	-	-	-	-	3.6 U	-	4.1 UJ	4.4 U	4.2 U	-	3.5 U
DDE (p,p'-DDE)	µg/kg	3.3$_m$[A] 62,000[B] 120,000[C] 17,000[D]	n/v	-	-	-	-	-	-	3.6 U	-	4.1 UJ	4.4 U	4.2 U	-	3.5 U
DDT (p,p'-DDT)	µg/kg	3.3$_m$[A] 47,000[B] 94,000[C] 136,000[D]	n/v	-	-	-	-	-	-	3.6 U	-	4.1 UJ	4.4 U	4.2 U	-	3.5 U
Dieldrin	µg/kg	5$_n$[A] 1,400[B] 2,800[C] 100[D]	n/v	-	-	-	-	-	-	3.6 U	-	4.1 UJ	4.4 U	4.2 U	-	3.5 U
Endosulfan I	µg/kg	2,400[A] 200,000[B] 920,000[C] 102,000[D]	n/v	-	-	-	-	-	-	3.6 U	-	4.1 UJ	4.4 U	4.2 U	-	3.5 U
Endosulfan II	µg/kg	2,400[A] 200,000[B] 920,000[C] 102,000[D]	n/v	-	-	-	-	-	-	3.6 U	-	4.1 UJ	4.4 U	4.2 U	-	3.5 U
Endosulfan Sulfate	µg/kg	2,400[A] 200,000[B] 920,000[C] 1,000,000$_d$[D]	n/v	-	-	-	-	-	-	3.6 U	-	4.1 UJ	4.4 U	4.2 U	-	3.5 U
Endrin	µg/kg	14[A] 89,000[B] 410,000[C] 60[D]	n/v	-	-	-	-	-	-	3.6 U	-	4.1 UJ	4.4 U	4.2 U	-	3.5 U
Endrin Aldehyde	µg/kg	100,000$_a$[A] 500,000$_s$[B] 1,000,000$_d$[CD]	n/v	-	-	-	-	-	-	3.6 U	-	4.1 UJ	4.4 U	4.2 U	-	3.5 U
Endrin Ketone	µg/kg	100,000$_a$[A] 500,000$_s$[B] 1,000,000$_d$[CD]	n/v	-	-	-	-	-	-	3.6 U	-	4.1 UJ	4.4 U	4.2 U	-	3.5 U
Heptachlor	µg/kg	42[A] 15,000[B] 29,000[C] 380[D]	n/v	-	-	-	-	-	-	3.6 U	-	4.1 UJ	4.4 U	4.2 U	-	3.5 U
Heptachlor Epoxide	µg/kg	100,000$_a$[A] 500,000$_s$[B] 1,000,000$_d$[CD]	500,000$_a$[E] 1,000,000$_a$[F] 20[G]	-	-	-	-	-	-	3.6 U	-	4.1 UJ	4.4 U	4.2 U	-	3.5 U
Lindane (Hexachlorocyclohexane, gamma)	µg/kg	100[AD] 9,200[B] 23,000[C]	n/v	-	-	-	-	-	-	3.6 U	-	4.1 UJ	4.4 U	4.2 U	-	3.5 U
Methoxychlor (4,4'-Methoxychlor)	µg/kg	100,000$_a$[A] 500,000$_s$[B] 1,000,000$_d$[CD]	500,000$_a$[E] 1,000,000$_a$[F] 900,000[G]	-	-	-	-	-	-	3.6 U	-	4.1 UJ	4.4 U	4.2 U	-	3.5 U

See notes on last page.

Table 1
Summary of Analytical Results for RI Soil Samples
IRMWP#4
820 Linden Ave Site, BCP #C828200
820 Linden Avenue, Pittsford, NY

Sample Location				B/MW-101			B/MW-102		B-102a	B/MW-103			B/MW-104			
Sample Date				25-Jul-18	25-Jul-18	25-Jul-18	23-Jul-18	23-Jul-18	24-Jul-18	24-Jul-18	24-Jul-18	24-Jul-18	26-Jul-18	26-Jul-18	26-Jul-18	26-Jul-18
Sample ID				LIN-B101-S1	LIN-FD1-S	LIN-B101-S2	LIN-B102-S1	LIN-B102-S2	LIN-B102a-S	LIN-B103-S1	LIN-B103-S3	LIN-B103-S2	LIN-B104-S2	LIN-FD2-S	LIN-B104-S1	LIN-B104-S3
Sample Depth				15 - 17 ft	15 - 17 ft	57 - 60 ft	2 - 3.5 ft	50.5 - 52 ft	7 - 8 ft	8 - 10 ft	19 - 19.5 ft	49 - 51 ft	4 - 8 ft	4 - 8 ft	10.5 - 11 ft	45 - 49 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				460-161448-1	460-161448-1	460-161448-1	460-161196-1	460-161196-1	460-161196-1	460-161196-1	460-161448-1	460-161196-1	460-161448-1	460-161448-1	460-161448-1	460-161448-1
Laboratory Sample ID				460-161448-1	460-161448-3	460-161448-2	460-161196-1	460-161196-2	460-161196-3	460-161196-4	460-161448-4	460-161196-5	460-161448-8	460-161448-6	460-161448-7	460-161448-9
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51		Field Duplicate									Field Duplicate		
Semi-Volatile Organic Compounds																
Acenaphthene	µg/kg	20,000[A] 500,000[B] 1,000,000[C] 98,000[D]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Acenaphthylene	µg/kg	100,000[A] 500,000[B] 1,000,000[C] 107,000[D]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Acetophenone	µg/kg	100,000[A] 1,000,000[D]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Anthracene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Atrazine	µg/kg	100,000[A] 1,000,000[D]	n/v	-	-	-	-	-	-	370 UJ	-	420 UJ	450 U	420 U	-	360 U
Benzaldehyde	µg/kg	100,000[A] 1,000,000[D]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Benzo(a)anthracene	µg/kg	1,000[A] 5,600[B] 11,000[C] 1,000[D]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Benzo(a)pyrene	µg/kg	1,000[A] 1,000[B] 1,100[C] 22,000[D]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Benzo(b)fluoranthene	µg/kg	1,000[A] 5,600[B] 11,000[C] 1,700[D]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Benzo(g,h,i)perylene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Benzo(k)fluoranthene	µg/kg	800[A] 56,000[B] 110,000[C] 1,700[D]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Biphenyl, 1,1'- (Biphenyl)	µg/kg	100,000[A] 1,000,000[D]	500,000[E] 1,000,000[F]	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Bis(2-Chloroethoxy)methane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Bis(2-Chloroethyl)ether	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 435,000[G]	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Bromophenyl Phenyl Ether, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Butyl Benzyl Phthalate	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 122,000[G]	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Caprolactam	µg/kg	100,000[A] 1,000,000[D]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Carbazole	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Chloro-3-methyl phenol, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Chloroaniline, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 220[G]	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Chloronaphthalene, 2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Chlorophenyl Phenyl Ether, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Chrysene	µg/kg	1,000[A] 56,000[B] 110,000[C] 1,000[D]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Cresol, o- (Methylphenol, 2-)	µg/kg	330[m,A] 500,000[B] 1,000,000[C] 330[D]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Cresol, p- (Methylphenol, 4-)	µg/kg	330[m,A] 500,000[B] 1,000,000[C] 330[D]	n/v	-	-	-	-	-	-	710 U	-	810 U	860 U	820 U	-	700 U
Dibenzo(a,h)anthracene	µg/kg	330[m,A] 560[B] 1,100[C] 1,000,000[D]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Dibenzofuran	µg/kg	7,000[A] 350,000[B] 1,000,000[C] 210,000[D]	500,000[E] 1,000,000[F] 6,200[G]	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Dibutyl Phthalate (DBP)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 8,100[G]	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Dichlorobenzidine, 3,3'-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Dichlorophenol, 2,4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 400[G]	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Diethyl Phthalate	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 7,100[G]	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Dimethyl Phthalate	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 27,000[G]	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Dimethylphenol, 2,4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Dinitro-o-cresol, 4,6-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	-	-	-	-	710 U	-	810 U	860 U	820 U	-	700 U
Dinitrophenol, 2,4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 200[G]	-	-	-	-	-	-	710 U	-	810 U	860 U	820 U	-	700 U
Dinitrotoluene, 2,4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Dinitrotoluene, 2,6-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 1,000/170[b,s1,G]	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Di-n-Octyl phthalate	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 120,000[G]	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Fluoranthene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Fluorene	µg/kg	30,000[A] 500,000[B] 1,000,000[C] 386,000[D]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Hexachlorobenzene	µg/kg	330[A] 6,000[B] 12,000[C] 3,200[D]	500,000[E] 1,000,000[F] 1,400[G]	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Hexachlorocyclopentadiene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Hexachloroethane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Indeno(1,2,3-cd)pyrene	µg/kg	500[A] 5,600[B] 11,000[C] 8,200[D]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Isophorone	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 4,400[G]	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Methylnaphthalene, 2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 36,400[G]	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Naphthalene	µg/kg	12,000[AD] 500,000[B] 1,000,000[C]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Nitroaniline, 2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 400[G]	-	-	-	-	-	-	710 U	-	810 U	860 U	820 U	-	700 U
Nitroaniline, 3-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 500[G]	-	-	-	-	-	-	710 U	-	810 U	860 U	820 U	-	700 U
Nitroaniline, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	-	-	-	-	710 U	-	810 U	860 U	820 U	-	700 U
Nitrobenzene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	69,000[E] 140,000[F] 170[b,G]	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Nitrophenol, 2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 300[G]	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Nitrophenol, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 100[G]	-	-	-	-	-	-	710 U	-	810 U	860 U	820 U	-	700 U
N-Nitrosodi-n-Propylamine	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
n-Nitrosodiphenylamine	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Pentachlorophenol	µg/kg	800[A] 6,700[B] 55,000[C] 800[D]	n/v	-	-	-	-	-	-	710 U	-	810 U	860 U	820 U	-	700 U
Phenanthrene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Phenol	µg/kg	330[A] 500,000[B] 1,000,000[C] 330[D]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Pyrene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Trichlorophenol, 2,4,5-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 100[G]	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Trichlorophenol, 2,4,6-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	-	-	-	-	-	-	370 U	-	420 U	450 U	420 U	-	360 U
Total SVOC	µg/kg	n/v	n/v	-	-	-	-	-	-	ND	-	ND	ND	ND	-	ND
SVOC - Tentatively Identified Compounds																
Total SVOC TICs	µg/kg	n/v	n/v	-	-	-	-	-	-	350 JN	-	6,300 J	-	-	-	-

See notes on last page.

Table 1
Summary of Analytical Results for RI Soil Samples
IRMWP#4
820 Linden Ave Site, BCP #C828200
820 Linden Avenue, Pittsford, NY

Sample Location				B/MW-101			B/MW-102		B-102a	B/MW-103			B/MW-104			
Sample Date				25-Jul-18	25-Jul-18	25-Jul-18	23-Jul-18	23-Jul-18	24-Jul-18	24-Jul-18	24-Jul-18	24-Jul-18	26-Jul-18	26-Jul-18	26-Jul-18	26-Jul-18
Sample ID				LIN-B101-S1	LIN-FD1-S	LIN-B101-S2	LIN-B102-S1	LIN-B102-S2	LIN-B102a-S	LIN-B103-S1	LIN-B103-S3	LIN-B103-S2	LIN-B104-S2	LIN-FD2-S	LIN-B104-S1	LIN-B104-S3
Sample Depth				15 - 17 ft	15 - 17 ft	57 - 60 ft	2 - 3.5 ft	50.5 - 52 ft	7 - 8 ft	8 - 10 ft	19 - 19.5 ft	49 - 51 ft	4 - 8 ft	4 - 8 ft	10.5 - 11 ft	45 - 49 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				460-161448-1	460-161448-1	460-161448-1	460-161196-1	460-161196-1	460-161196-1	460-161196-1	460-161448-1	460-161196-1	460-161448-1	460-161448-1	460-161448-1	460-161448-1
Laboratory Sample ID				460-161448-1	460-161448-3	460-161448-2	460-161196-1	460-161196-2	460-161196-3	460-161196-4	460-161448-4	460-161196-5	460-161448-8	460-161448-6	460-161448-7	460-161448-9
Sample Type					Field Duplicate									Field Duplicate		
Volatile Organic Compounds																
Acetone	µg/kg	50[AD] 500,000[B] 1,000,000[C]	n/v	5.3 U	7.3	**63[AD]**	23 J-	50 J-	49 J-	5.2 UJ	5.8 UJ	**61 J-[AD]**	-	-	10	**59[AD]**
Benzene	µg/kg	60[AD] 44,000[B] 89,000[C]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Bromodichloromethane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Bromoform (Tribromomethane)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Bromomethane (Methyl bromide)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Butylbenzene, n-	µg/kg	12,000[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11,000[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Butylbenzene, tert-	µg/kg	5,900[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Carbon Disulfide	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 2,700[G]	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760[AD] 22,000[B] 44,000[C]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Chlorobenzene (Monochlorobenzene)	µg/kg	1,100[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Chloroethane (Ethyl Chloride)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 1,900[G]	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Chloroform (Trichloromethane)	µg/kg	370[AD] 350,000[B] 700,000[C]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Chloromethane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Cyclohexane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Dibromochloromethane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Dichlorobenzene, 1,2-	µg/kg	1,100[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Dichlorobenzene, 1,3-	µg/kg	2,400[AD] 280,000[B] 560,000[C]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Dichlorobenzene, 1,4-	µg/kg	1,800[AD] 130,000[B] 250,000[C]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Dichlorodifluoromethane (Freon 12)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Dichloroethane, 1,1-	µg/kg	270[AD] 240,000[B] 480,000[C]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Dichloroethane, 1,2-	µg/kg	20[m][A] 30,000[B] 60,000[C] 20[D]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Dichloroethene, 1,1-	µg/kg	330[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Dichloroethene, cis-1,2-	µg/kg	250[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Dichloroethene, trans-1,2-	µg/kg	190[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Dichloropropane, 1,2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Dichloropropene, cis-1,3-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Dichloropropene, trans-1,3-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Ethylbenzene	µg/kg	1,000[AD] 390,000[B] 780,000[C]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.3 U	5.2 U	6.2 U	5.1 UJ	6.0 UJ	5.0 UJ	5.2 UJ	5.8 UJ	5.6 UJ	-	-	6.1 U	5.0 U
Isopropylbenzene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 2,300[G]	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Isopropyltoluene, p- (Cymene)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 10,000[G]	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Methyl Acetate	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.3 U	5.2 U	6.2 U	5.1 UJ	6.0 UJ	5.0 UJ	5.2 UJ	5.8 UJ	5.6 UJ	-	-	6.1 U	5.0 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	120[AD] 500,000[B] 1,000,000[C]	500,000[E] 1,000,000[F] 300[G]	5.3 U	5.2 U	6.2 U	5.1 UJ	6.0 UJ	5.0 UJ	5.2 UJ	5.8 UJ	5.6 UJ	-	-	6.1 U	5.0 U
Methyl Isobutyl Ketone (MIBK)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 1,000[G]	5.3 U	5.2 U	6.2 U	5.1 UJ	6.0 UJ	5.0 UJ	5.2 UJ	5.8 UJ	5.6 UJ	-	-	6.1 U	5.0 U
Methyl tert-butyl ether (MTBE)	µg/kg	930[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Methylcyclohexane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Methylene Chloride (Dichloromethane)	µg/kg	50[AD] 500,000[B] 1,000,000[C]	n/v	2.6	1.8	5.6	3.8 UJ	16 J-	1.0 UJ	1.4 UJ	5.5 J-	8.5 UJ	-	-	12	1.1
Naphthalene	µg/kg	12,000[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	0.22 J-	0.21 J-	1.2 UJ	0.21 J-	-	-	1.2 U	0.99 U
Propylbenzene, n-	µg/kg	3,900[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Styrene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Tetrachloroethane, 1,1,2,2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 600[G]	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Tetrachloroethene (PCE)	µg/kg	1,300[AD] 150,000[B] 300,000[C]	500,000[E] 1,000,000[F]	1.1 U	1.0 U	1.2 U	1.0 UJ	0.62 J-	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Toluene	µg/kg	700[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Trichlorobenzene, 1,2,4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 3,400[G]	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Trichloroethane, 1,1,1-	µg/kg	680[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Trichloroethane, 1,1,2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Trichloroethene (TCE)	µg/kg	470[AD] 200,000[B] 400,000[C]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	0.21 J-	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Trichlorofluoromethane (Freon 11)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	0.64 J-	0.65 J-	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Trichlorotrifluoroethane (Freon 113)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 6,000[G]	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Trimethylbenzene, 1,2,4-	µg/kg	3,600[AD] 190,000[B] 380,000[C]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	0.10 J-	0.12 J-	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Trimethylbenzene, 1,3,5-	µg/kg	8,400[AD] 190,000[B] 380,000[C]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Vinyl Chloride	µg/kg	20[AD] 13,000[B] 27,000[C]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Xylene, m & p-	µg/kg	260[A] 500,000[c,B] 1,000,000[d,C] 1,600[D]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Xylene, o-	µg/kg	260[A] 500,000[c,B] 1,000,000[d,C] 1,600[D]	n/v	1.1 U	1.0 U	1.2 U	1.0 UJ	1.2 UJ	1.0 UJ	1.0 UJ	1.2 UJ	1.1 UJ	-	-	1.2 U	0.99 U
Xylenes, Total	µg/kg	260[A] 500,000[B] 1,000,000[C] 1,600[D]	n/v	2.1 U	2.1 U	2.5 U	2.0 UJ	2.4 UJ	2.0 UJ	2.1 UJ	2.3 UJ	2.3 UJ	-	-	2.5 U	2.0 U
Total VOC	µg/kg	n/v	n/v	2.6	9.1	68.6	23	67.47	49.97	0.33	5.5	61.21	-	-	22	60.1
VOC - Tentatively Identified Compounds																
Total VOC TICs	µg/kg	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-

See notes on last page.

Table 1
Summary of Analytical Results for RI Soil Samples
IRMWP#4
820 Linden Ave Site, BCP #C828200
820 Linden Avenue, Pittsford, NY

Sample Location				B/MW-105			B-106	B-107	B-108	B-109		DP-1	SS-1a		SS-1abc		SS-1c	
Sample Date				27-Jul-18	27-Jul-18	27-Jul-18	31-Jul-18	31-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18
Sample ID				LIN-B105-S1	LIN-B105-S3	LIN-B105-S2	LIN-B106-S	LIN-B107-S	LIN-B108-s	LIN-B109-s	LIN-FD3-s	LIN-DP-s	LIN-SS1a-t-s	LIN-SS1a-b-s	LIN-SS1-t-s	LIN-SS1-b-s	LIN-SS1c-t-s	LIN-SS1c-b-s
Sample Depth				4 - 8 ft	15 - 16 ft	35 - 38 ft	7 - 7.5 ft	3.2 - 3.7 ft	5 - 8 ft	5 - 8 ft	5 - 8 ft		0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in
Sampling Company				STANTEC	STANTEC	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	TAL	TAL
Laboratory Work Order				460-161452-1	460-161452-1	460-161452-1	460-161797-1	460-161797-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1
Laboratory Sample ID				460-161452-1	460-161452-3	460-161452-2	460-161797-2	460-161797-3	460-161576-27	460-161576-28	460-161576-26	460-161576-17	460-161576-1	460-161576-2	460-161576-18	460-161576-19	460-161576-3	460-161576-4
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51								Field Duplicate							
General Chemistry																		
Cyanide	mg/kg	27_{n}^{AB} $10{,}000_{a}^{C}$ 40_{s}^{D}	n/v	0.23 U	-	0.22 U	-	-	-	0.25 U	-	0.54	-	-	-	-	-	-
Metals																		
Aluminum	mg/kg	$10{,}000_{a}^{ABCD}$	$10{,}000_{a}^{EFG}$	5,470	-	2,350	-	-	3,260	2,580	2,820	3,520	-	-	6,190	6,360	-	-
Antimony	mg/kg	$10{,}000_{a}^{ABCD}$	$10{,}000_{a}^{EFG}$	29.0 UJ	-	28.0 U	-	-	32.1 U	28.3 U	32.8 U	31.4 U	-	-	33.7 U	32.6 U	-	-
Arsenic	mg/kg	13_{a}^{A} 16_{s}^{BCD}	n/v	3.9 U	-	3.7 U	-	-	4.3 U	3.8 U	4.4 U	4.2 U	-	-	4.5 U	4.4 U	-	-
Barium	mg/kg	350_{a}^{A} 400^{B} $10{,}000_{a}^{C}$ 820^{D}	n/v	10.5	-	8.8	-	-	13.6	8.9	9.9	31.2	-	-	35.1	30.3	-	-
Beryllium	mg/kg	7.2^{A} 590^{B} $2{,}700_{s}^{C}$ 47^{D}	n/v	0.39 U	-	0.37 U	-	-	0.43 U	0.38 U	0.44 U	0.42 U	-	-	0.45 U	0.44 U	-	-
Cadmium	mg/kg	2.5_{n}^{A} 9.3^{B} 60^{C} 7.5^{D}	n/v	0.39 U	-	0.37 U	-	-	0.43 U	0.38 U	0.44 U	0.42 U	-	-	0.45 U	0.44 U	-	-
Calcium	mg/kg	$10{,}000_{a}^{ABCD}$	$10{,}000_{a}^{EFG}$	882	-	**27,300**^{ABCDEFG}	-	-	1,790	1,370	1,510	**61,300**^{ABCDEFG}	-	-	3,800	4,280	-	-
Chromium	mg/kg	$30_{n,i}^{A}$ $1{,}500_{i}^{B}$ $6{,}800_{i\ NS,a}^{C}$ ^{D}	n/v	6.0	-	4.0	-	-	5.9	4.7	5.3	17.0	-	-	11.0	9.2	-	-
Cobalt	mg/kg	$10{,}000_{a}^{ABCD}$	$10{,}000_{a}^{EFG}$	3.0	-	2.3	-	-	3.0	2.5	2.7	2.8	-	-	2.6	2.5	-	-
Copper	mg/kg	50^{A} 270^{B} $10{,}000_{e}^{C}$ $1{,}720^{D}$	n/v	6.0	-	5.5	-	-	12.1	5.6	5.8	22.9	-	-	13.5	9.3	-	-
Iron	mg/kg	$10{,}000_{a}^{ABCD}$	$10{,}000_{a}^{EFG}$	8,020	-	6,580	-	-	8,810	7,040	7,760	**11,100**^{ABCDEFG}	-	-	9,020	8,630	-	-
Lead	mg/kg	63_{n}^{A} $1{,}000^{B}$ $3{,}900^{C}$ 450^{D}	n/v	2.5	-	1.9 U	-	-	3.1	2.3	3.3	42.1	-	-	29.5	17.2	-	-
Magnesium	mg/kg	$10{,}000_{a}^{ABCD}$	n/v	1,290 J	-	5,470	-	-	1,460	1,020	1,080	**24,600**^{ABCD}	-	-	2,060	2,230	-	-
Manganese	mg/kg	$1{,}600_{n}^{A}$ $10{,}000_{a}^{BC}$ $2{,}000_{s}^{D}$	n/v	143 J	-	211	-	-	95.1	211	219	365	-	-	250	217	-	-
Mercury	mg/kg	0.18_{n}^{A} 2.8_{s}^{B} 5.7_{s}^{C} 0.73^{D}	n/v	0.019 U	-	0.018 U	-	-	0.024	0.018 U	0.018 U	0.048	-	-	0.057	0.042	-	-
Nickel	mg/kg	30^{A} 310^{B} $10{,}000_{s}^{C}$ 130^{D}	n/v	9.7 U	-	9.3 U	-	-	10.7 U	9.4 U	10.9 U	12.5	-	-	11.2 U	10.9 U	-	-
Potassium	mg/kg	$10{,}000_{a}^{ABCD}$	n/v	317	-	334	-	-	413	345	376	888	-	-	357	353	-	-
Selenium	mg/kg	3.9_{n}^{A} $1{,}500^{B}$ $6{,}800_{i}^{C}$ 4_{n}^{D}	n/v	7.7 U	-	7.5 U	-	-	8.6 U	7.6 U	8.8 U	8.4 U	-	-	9.0 U	8.7 U	-	-
Silver	mg/kg	2^{A} $1{,}500^{B}$ $6{,}800^{C}$ 8.3^{D}	n/v	0.97 U	-	0.93 U	-	-	1.1 U	0.94 U	1.1 U	1.0 U	-	-	1.1 U	1.1 U	-	-
Sodium	mg/kg	$10{,}000_{a}^{ABCD}$	n/v	271 U	-	261 U	-	-	300 U	264 U	306 U	293 U	-	-	314 U	305 U	-	-
Thallium	mg/kg	$10{,}000_{a}^{ABCD}$	$10{,}000_{a}^{EFG}$	11.6 U	-	11.2 U	-	-	12.9 U	11.3 U	13.1 U	12.6 U	-	-	13.5 U	13.1 U	-	-
Vanadium	mg/kg	$10{,}000_{a}^{ABCD}$	$10{,}000_{a}^{EFG}$	12.0	-	8.6	-	-	11.2	9.5	10.7	12.1	-	-	12.3	12.2	-	-
Zinc	mg/kg	109_{n}^{A} $10{,}000_{a}^{BC}$ $2{,}480^{D}$	n/v	14.6	-	12.9	-	-	**153**^{A}	14.9	15.8	**178**^{A}	-	-	42.7	37.5	-	-
Polychlorinated Biphenyls																		
Aroclor 1016	µg/kg	^{ABCD}	n/v	36 U	-	36 U	-	-	-	37 U	-	38 U	-	-	-	-	-	-
Aroclor 1221	µg/kg	^{ABCD}	n/v	36 U	-	36 U	-	-	-	37 U	-	38 U	-	-	-	-	-	-
Aroclor 1232	µg/kg	^{ABCD}	n/v	36 U	-	36 U	-	-	-	37 U	-	38 U	-	-	-	-	-	-
Aroclor 1242	µg/kg	^{ABCD}	n/v	36 U	-	36 U	-	-	-	37 U	-	38 U	-	-	-	-	-	-
Aroclor 1248	µg/kg	^{ABCD}	n/v	36 U	-	36 U	-	-	-	37 U	-	38 U	-	-	-	-	-	-
Aroclor 1254	µg/kg	^{ABCD}	n/v	36 U	-	36 U	-	-	-	37 U	-	38 U	-	-	-	-	-	-
Aroclor 1260	µg/kg	^{ABCD}	n/v	36 U	-	36 U	-	-	-	37 U	-	38 U	-	-	-	-	-	-
Aroclor 1262	µg/kg	^{ABCD}	n/v	36 U	-	36 U	-	-	-	37 U	-	38 U	-	-	-	-	-	-
Aroclor 1268	µg/kg	^{ABCD}	n/v	36 U	-	36 U	-	-	-	37 U	-	38 U	-	-	-	-	-	-
Polychlorinated Biphenyls (PCBs)	µg/kg	100^{A} $1{,}000^{B}$ $25{,}000^{C}$ $3{,}200^{D}$	n/v	ND	-	ND	-	-	-	ND	-	ND	-	-	-	-	-	-
Pesticides																		
Aldrin	µg/kg	5_{n}^{A} 680^{B} $1{,}400^{C}$ 190^{D}	n/v	3.6 U	-	3.6 U	-	-	-	3.7 U	-	3.8 U	-	-	-	-	-	-
BHC, alpha-	µg/kg	20^{AD} $3{,}400^{B}$ $6{,}800^{C}$	n/v	3.6 U	-	3.6 U	-	-	-	3.7 U	-	3.8 U	-	-	-	-	-	-
BHC, beta-	µg/kg	36^{A} $3{,}000^{B}$ $14{,}000^{C}$ 90^{D}	n/v	3.6 UJ	-	3.6 U	-	-	-	3.7 U	-	3.8 U	-	-	-	-	-	-
BHC, delta-	µg/kg	40_{n}^{A} $500{,}000_{s}^{B}$ $1{,}000{,}000_{d}^{C}$ 250^{D}	n/v	3.6 UJ	-	3.6 U	-	-	-	3.7 U	-	3.8 U	-	-	-	-	-	-
Camphechlor (Toxaphene)	µg/kg	$100{,}000_{a}^{A}$ $500{,}000_{s}^{B}$ $1{,}000{,}000_{d}^{CD}$	n/v	36 U	-	36 U	-	-	-	37 U	-	38 U	-	-	-	-	-	-
Chlordane, alpha-	µg/kg	94^{A} $24{,}000^{B}$ $47{,}000^{C}$ $2{,}900^{D}$	n/v	3.6 U	-	3.6 U	-	-	-	3.7 U	-	3.8 U	-	-	-	-	-	-
Chlordane, trans- (gamma-Chlordane)	µg/kg	$100{,}000_{a}^{A}$ $1{,}000{,}000_{d}^{D}$	n/v	3.6 U	-	3.6 U	-	-	-	3.7 U	-	3.8 U	-	-	-	-	-	-
DDD (p,p'-DDD)	µg/kg	3.3_{m}^{A} $92{,}000^{B}$ $180{,}000^{C}$ $14{,}000^{D}$	n/v	3.6 U	-	3.6 U	-	-	-	3.7 U	-	3.8 U	-	-	-	-	-	-
DDE (p,p'-DDE)	µg/kg	3.3_{m}^{A} $62{,}000^{B}$ $120{,}000^{C}$ $17{,}000^{D}$	n/v	3.6 U	-	3.6 U	-	-	-	3.7 U	-	3.8 U	-	-	-	-	-	-
DDT (p,p'-DDT)	µg/kg	3.3_{m}^{A} $47{,}000^{B}$ $94{,}000^{C}$ $136{,}000^{D}$	n/v	3.6 U	-	3.6 U	-	-	-	3.7 U	-	3.8 U	-	-	-	-	-	-
Dieldrin	µg/kg	5_{n}^{A} $1{,}400^{B}$ $2{,}800^{C}$ 100^{D}	n/v	3.6 U	-	3.6 U	-	-	-	3.7 U	-	3.8 U	-	-	-	-	-	-
Endosulfan I	µg/kg	$2{,}400_{i}^{A}$ $200{,}000_{s}^{B}$ $920{,}000_{i}^{C}$ $102{,}000^{D}$	n/v	3.6 U	-	3.6 U	-	-	-	3.7 U	-	3.8 U	-	-	-	-	-	-
Endosulfan II	µg/kg	$2{,}400_{i}^{A}$ $200{,}000_{s}^{B}$ $920{,}000_{i}^{C}$ $102{,}000^{D}$	n/v	3.6 UJ	-	3.6 U	-	-	-	3.7 U	-	3.8 U	-	-	-	-	-	-
Endosulfan Sulfate	µg/kg	$2{,}400_{i}^{A}$ $200{,}000_{s}^{B}$ $920{,}000_{i}^{C}$ $1{,}000{,}000_{d}^{D}$	n/v	R	-	3.6 U	-	-	-	3.7 U	-	3.8 U	-	-	-	-	-	-
Endrin	µg/kg	14^{A} $89{,}000^{B}$ $410{,}000^{C}$ 60^{D}	n/v	3.6 U	-	3.6 U	-	-	-	3.7 U	-	3.8 U	-	-	-	-	-	-
Endrin Aldehyde	µg/kg	$100{,}000_{a}^{A}$ $500{,}000_{s}^{B}$ $1{,}000{,}000_{d}^{CD}$	n/v	R	-	3.6 U	-	-	-	3.7 U	-	3.8 U	-	-	-	-	-	-
Endrin Ketone	µg/kg	$100{,}000_{a}^{A}$ $500{,}000_{s}^{B}$ $1{,}000{,}000_{d}^{CD}$	n/v	R	-	3.6 U	-	-	-	3.7 U	-	3.8 U	-	-	-	-	-	-
Heptachlor	µg/kg	42^{A} $15{,}000^{B}$ $29{,}000^{C}$ 380^{D}	n/v	3.6 U	-	3.6 U	-	-	-	3.7 U	-	3.8 U	-	-	-	-	-	-
Heptachlor Epoxide	µg/kg	$100{,}000_{a}^{A}$ $500{,}000_{s}^{B}$ $1{,}000{,}000_{d}^{CD}$	$500{,}000_{a}^{E}$ $1{,}000{,}000_{a}^{F}$ 20^{G}	3.6 U	-	3.6 U	-	-	-	3.7 U	-	3.8 U	-	-	-	-	-	-
Lindane (Hexachlorocyclohexane, gamma)	µg/kg	100^{AD} $9{,}200^{B}$ $23{,}000^{C}$	n/v	3.6 U	-	3.6 U	-	-	-	3.7 U	-	3.8 U	-	-	-	-	-	-
Methoxychlor (4,4'-Methoxychlor)	µg/kg	$100{,}000_{a}^{A}$ $500{,}000_{s}^{B}$ $1{,}000{,}000_{d}^{CD}$	$500{,}000_{a}^{E}$ $1{,}000{,}000_{a}^{F}$ $900{,}000^{G}$	3.6 UJ	-	3.6 U	-	-	-	3.7 U	-	3.8 U	-	-	-	-	-	-

See notes on last page.

Table 1
Summary of Analytical Results for RI Soil Samples
IRMWP#4
820 Linden Ave Site, BCP #C828200
820 Linden Avenue, Pittsford, NY

Sample Location				B/MW-105			B-106	B-107	B-108	B-109		DP-1	SS-1a		SS-1abc		SS-1c	
Sample Date				27-Jul-18	27-Jul-18	27-Jul-18	31-Jul-18	31-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18
Sample ID				LIN-B105-S1	LIN-B105-S3	LIN-B105-S2	LIN-B106-S	LIN-B107-S	LIN-B108-s	LIN-B109-s	LIN-FD3-s	LIN-DP-s	LIN-SS1a-t-s	LIN-SS1a-b-s	LIN-SS1-t-s	LIN-SS1-b-s	LIN-SS1c-t-s	LIN-SS1c-b-s
Sample Depth				4 - 8 ft	15 - 16 ft	35 - 38 ft	7 - 7.5 ft	3.2 - 3.7 ft	5 - 8 ft	5 - 8 ft	5 - 8 ft		0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in
Sampling Company				STANTEC	STANTEC	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	TAL	TAL
Laboratory Work Order				460-161452-1	460-161452-1	460-161452-1	460-161797-1	460-161797-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1
Laboratory Sample ID				460-161452-1	460-161452-3	460-161452-2	460-161797-2	460-161797-3	460-161576-27	460-161576-28	460-161576-26	460-161576-17	460-161576-1	460-161576-2	460-161576-18	460-161576-19	460-161576-3	460-161576-4
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51								Field Duplicate							
Semi-Volatile Organic Compounds																		
Acenaphthene	µg/kg	20,000[A] 500,000[B] 1,000,000[C] 98,000[D]	n/v	370 UJ	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Acenaphthylene	µg/kg	100,000[A] 500,000[B] 1,000,000[C] 107,000[D]	n/v	370 UJ	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Acetophenone	µg/kg	100,000[A] 1,000,000[D]	n/v	370 UJ	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Anthracene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	370 U	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Atrazine	µg/kg	100,000[A] 1,000,000[D]	n/v	370 U	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Benzaldehyde	µg/kg	100,000[A] 1,000,000[D]	n/v	370 UJ	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	1,000[A] 5,600[B] 11,000[C] 1,000[D]	n/v	370 U	-	370 U	-	-	-	380 U	-	**29,000[ABCD]**	-	-	-	-	-	-
Benzo(a)pyrene	µg/kg	1,000[A] 1,000[B] 1,100[C] 22,000[D]	n/v	370 U	-	370 U	-	-	-	380 U	-	**31,000[ABCD]**	-	-	-	-	-	-
Benzo(b)fluoranthene	µg/kg	1,000[A] 5,600[B] 11,000[C] 1,700[D]	n/v	370 U	-	370 U	-	-	-	380 U	-	**49,000[ABCD]**	-	-	-	-	-	-
Benzo(g,h,i)perylene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	370 U	-	370 U	-	-	-	380 U	-	24,000	-	-	-	-	-	-
Benzo(k)fluoranthene	µg/kg	800[A] 56,000[B] 110,000[C] 1,700[D]	n/v	370 U	-	370 U	-	-	-	380 U	-	**20,000[AD]**	-	-	-	-	-	-
Biphenyl, 1,1'- (Biphenyl)	µg/kg	100,000[A] 1,000,000[D]	500,000[E] 1,000,000[F]	370 UJ	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Bis(2-Chloroethoxy)methane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	370 UJ	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Bis(2-Chloroethyl)ether	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	370 UJ	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	370 UJ	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 435,000[G]	370 U	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Bromophenyl Phenyl Ether, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	370 U	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Butyl Benzyl Phthalate	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 122,000[G]	370 U	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Caprolactam	µg/kg	100,000[A] 1,000,000[D]	n/v	370 U	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Carbazole	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	370 U	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Chloro-3-methyl phenol, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	370 U	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Chloroaniline, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 220[G]	370 U	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Chloronaphthalene, 2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	370 UJ	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	370 UJ	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Chlorophenyl Phenyl Ether, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	370 U	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Chrysene	µg/kg	1,000[A] 56,000[B] 110,000[C] 1,000[D]	n/v	370 U	-	370 U	-	-	-	380 U	-	**41,000[AD]**	-	-	-	-	-	-
Cresol, o- (Methylphenol, 2-)	µg/kg	330[A] 500,000[B] 1,000,000[C] 330[D]	n/v	370 UJ	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Cresol, p- (Methylphenol, 4-)	µg/kg	330[A] 500,000[B] 1,000,000[C] 330[D]	n/v	720 UJ	-	720 U	-	-	-	730 U	-	15,000 U	-	-	-	-	-	-
Dibenzo(a,h)anthracene	µg/kg	330[A] 560[B] 1,100[C] 1,000,000[D]	n/v	370 U	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Dibenzofuran	µg/kg	7,000[A] 350,000[B] 1,000,000[C] 210,000[D]	500,000[E] 1,000,000[F] 6,200[G]	370 UJ	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Dibutyl Phthalate (DBP)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 8,100[G]	370 U	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Dichlorobenzidine, 3,3'-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	370 U	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Dichlorophenol, 2,4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 400[G]	370 U	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Diethyl Phthalate	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 7,100[G]	370 U	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Dimethyl Phthalate	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 27,000[G]	370 U	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Dimethylphenol, 2,4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	370 UJ	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Dinitro-o-cresol, 4,6-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	720 UJ	-	720 U	-	-	-	730 U	-	15,000 U	-	-	-	-	-	-
Dinitrophenol, 2,4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 200[G]	720 UJ	-	720 U	-	-	-	730 U	-	15,000 U	-	-	-	-	-	-
Dinitrotoluene, 2,4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	370 U	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Dinitrotoluene, 2,6-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 1,000/170[b,s1,G]	370 U	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Di-n-Octyl phthalate	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 120,000[G]	370 U	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Fluoranthene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	370 U	-	370 U	-	-	-	380 U	-	81,000	-	-	-	-	-	-
Fluorene	µg/kg	30,000[A] 500,000[B] 1,000,000[C] 386,000[D]	n/v	370 U	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Hexachlorobenzene	µg/kg	330[A] 6,000[B] 12,000[C] 3,200[D]	500,000[E] 1,000,000[F] 1,400[G]	370 U	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	370 UJ	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Hexachlorocyclopentadiene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	370 UJ	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Hexachloroethane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	370 UJ	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	µg/kg	500[A] 5,600[B] 11,000[C] 8,200[D]	n/v	370 U	-	370 U	-	-	-	380 U	-	**28,000[ABCD]**	-	-	-	-	-	-
Isophorone	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 4,400[G]	370 UJ	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Methylnaphthalene, 2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 36,400[G]	370 UJ	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Naphthalene	µg/kg	12,000[AD] 500,000[B] 1,000,000[C]	n/v	370 UJ	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Nitroaniline, 2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 400[G]	720 U	-	720 U	-	-	-	730 U	-	15,000 U	-	-	-	-	-	-
Nitroaniline, 3-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 500[G]	720 U	-	720 U	-	-	-	730 U	-	15,000 U	-	-	-	-	-	-
Nitroaniline, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	720 U	-	720 U	-	-	-	730 U	-	15,000 U	-	-	-	-	-	-
Nitrobenzene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	69,000[E] 140,000[F] 170[b,G]	370 UJ	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Nitrophenol, 2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 300[G]	370 UJ	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Nitrophenol, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 100[G]	720 U	-	720 U	-	-	-	730 U	-	15,000 U	-	-	-	-	-	-
N-Nitrosodi-n-Propylamine	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	370 UJ	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
n-Nitrosodiphenylamine	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	370 U	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Pentachlorophenol	µg/kg	800[A] 6,700[B] 55,000[C] 800[D]	n/v	720 U	-	720 U	-	-	-	730 U	-	15,000 U	-	-	-	-	-	-
Phenanthrene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	370 U	-	370 U	-	-	-	380 U	-	29,000	-	-	-	-	-	-
Phenol	µg/kg	330[A] 500,000[B] 1,000,000[C] 330[D]	n/v	370 U	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Pyrene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	370 U	-	370 U	-	-	-	380 U	-	64,000	-	-	-	-	-	-
Trichlorophenol, 2,4,5-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 100[G]	370 U	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Trichlorophenol, 2,4,6-	µg/kg	100,000[a] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	370 U	-	370 U	-	-	-	380 U	-	7,800 U	-	-	-	-	-	-
Total SVOC	µg/kg	n/v	n/v	ND	-	ND	-	-	-	ND	-	396,000	-	-	-	-	-	-
SVOC - Tentatively Identified Compounds																		
Total SVOC TICs	µg/kg	n/v	n/v	-	-	-	-	-	-	-	-	91,000 JN	-	-	-	-	-	-

See notes on last page.

Table 1
Summary of Analytical Results for RI Soil Samples
IRMWP#4
820 Linden Ave Site, BCP #C828200
820 Linden Avenue, Pittsford, NY

Sample Location				B/MW-105			B-106	B-107	B-108	B-109		DP-1	SS-1a		SS-1abc		SS-1c	
Sample Date				27-Jul-18	27-Jul-18	27-Jul-18	31-Jul-18	31-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18
Sample ID				LIN-B105-S1	LIN-B105-S3	LIN-B105-S2	LIN-B106-S	LIN-B107-S	LIN-B108-s	LIN-B109-s	LIN-FD3-s	LIN-DP-s	LIN-SS1a-t-s	LIN-SS1a-b-s	LIN-SS1-t-s	LIN-SS1-b-s	LIN-SS1c-t-s	LIN-SS1c-b-s
Sample Depth				4 - 8 ft	15 - 16 ft	35 - 38 ft	7 - 7.5 ft	3.2 - 3.7 ft	5 - 8 ft	5 - 8 ft	5 - 8 ft		0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in
Sampling Company				STANTEC	STANTEC	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	TAL	TAL
Laboratory Work Order				460-161452-1	460-161452-1	460-161452-1	460-161797-1	460-161797-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1
Laboratory Sample ID				460-161452-1	460-161452-3	460-161452-2	460-161797-2	460-161797-3	460-161576-27	460-161576-28	460-161576-26	460-161576-17	460-161576-1	460-161576-2	460-161576-18	460-161576-19	460-161576-3	460-161576-4
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51								Field Duplicate							
Volatile Organic Compounds																		
Acetone	µg/kg	50[AD] 500,000[B] 1,000,000[C]	n/v	6.2	22	11	5.1 U	11	5.5 U	5.3 U	5.3 U	5.3 U	5.5 U	4.9 U	-	-	5.4 U	5.3 U
Benzene	µg/kg	60[AD] 44,000[B] 89,000[C]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Bromodichloromethane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	8.2	0.98 U	-	-	1.1 U	1.1 U
Bromoform (Tribromomethane)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 UJ
Bromomethane (Methyl bromide)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Butylbenzene, n-	µg/kg	12,000[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11,000[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Butylbenzene, tert-	µg/kg	5,900[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Carbon Disulfide	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 2,700[G]	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760[AD] 22,000[B] 44,000[C]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Chlorobenzene (Monochlorobenzene)	µg/kg	1,100[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Chloroethane (Ethyl Chloride)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 1,900[G]	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Chloroform (Trichloromethane)	µg/kg	370[AD] 350,000[B] 700,000[C]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	26	0.98 U	-	-	1.1 U	1.1 U
Chloromethane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Cyclohexane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Dibromochloromethane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	2.4	0.98 U	-	-	1.1 U	1.1 U
Dichlorobenzene, 1,2-	µg/kg	1,100[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Dichlorobenzene, 1,3-	µg/kg	2,400[AD] 280,000[B] 560,000[C]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Dichlorobenzene, 1,4-	µg/kg	1,800[AD] 130,000[B] 250,000[C]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Dichlorodifluoromethane (Freon 12)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Dichloroethane, 1,1-	µg/kg	270[AD] 240,000[B] 480,000[C]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Dichloroethane, 1,2-	µg/kg	20[m][A] 30,000[B] 60,000[C] 20[D]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Dichloroethene, 1,1-	µg/kg	330[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Dichloroethene, cis-1,2-	µg/kg	250[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Dichloroethene, trans-1,2-	µg/kg	190[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Dichloropropane, 1,2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Dichloropropene, cis-1,3-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Dichloropropene, trans-1,3-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Ethylbenzene	µg/kg	1,000[AD] 390,000[B] 780,000[C]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.6 U	6.1 U	6.1 U	5.1 U	4.8 U	5.5 U	5.3 U	5.3 U	5.3 U	5.5 U	4.9 U	-	-	5.4 U	5.3 U
Isopropylbenzene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 2,300[G]	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Isopropyltoluene, p- (Cymene)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 10,000[G]	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Methyl Acetate	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.6 U	6.1 U	6.1 U	5.1 U	4.8 U	5.5 U	5.3 U	5.3 U	5.3 U	5.5 U	4.9 U	-	-	5.4 U	5.3 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	120[AD] 500,000[B] 1,000,000[C]	500,000[E] 1,000,000[F] 300[G]	5.6 U	6.1 U	6.1 U	5.1 U	4.8 U	5.5 U	5.3 U	5.3 U	5.3 U	5.5 U	4.9 U	-	-	5.4 U	5.3 U
Methyl Isobutyl Ketone (MIBK)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 1,000[G]	5.6 U	6.1 U	6.1 U	5.1 U	4.8 U	5.5 U	5.3 U	5.3 U	5.3 U	5.5 U	4.9 U	-	-	5.4 U	5.3 U
Methyl tert-butyl ether (MTBE)	µg/kg	930[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Methylcyclohexane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Methylene Chloride (Dichloromethane)	µg/kg	50[AD] 500,000[B] 1,000,000[C]	n/v	2.5	2.4	3.3	1.6	2.1	1.1 U	1.2	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Naphthalene	µg/kg	12,000[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Propylbenzene, n-	µg/kg	3,900[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Styrene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Tetrachloroethane, 1,1,2,2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 600[G]	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Tetrachloroethene (PCE)	µg/kg	1,300[AD] 150,000[B] 300,000[C]	500,000[E] 1,000,000[F]	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Toluene	µg/kg	700[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Trichlorobenzene, 1,2,4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 3,400[G]	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Trichloroethane, 1,1,1-	µg/kg	680[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Trichloroethane, 1,1,2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Trichloroethene (TCE)	µg/kg	470[AD] 200,000[B] 400,000[C]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Trichlorofluoromethane (Freon 11)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Trichlorotrifluoroethane (Freon 113)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 6,000[G]	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Trimethylbenzene, 1,2,4-	µg/kg	3,600[AD] 190,000[B] 380,000[C]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Trimethylbenzene, 1,3,5-	µg/kg	8,400[AD] 190,000[B] 380,000[C]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Vinyl Chloride	µg/kg	20[AD] 13,000[B] 27,000[C]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Xylene, m & p-	µg/kg	260[A] 500,000[c,B] 1,000,000[d,C] 1,600[D]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Xylene, o-	µg/kg	260[A] 500,000[c,B] 1,000,000[d,C] 1,600[D]	n/v	1.1 U	1.2 U	1.2 U	1.0 U	0.96 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Xylenes, Total	µg/kg	260[A] 500,000[B] 1,000,000[C] 1,600[D]	n/v	2.3 U	2.4 U	2.5 U	2.1 U	1.9 U	2.2 U	2.1 U	2.1 U	2.1 U	2.2 U	2.0 U	-	-	2.2 U	2.1 U
Total VOC	µg/kg	n/v	n/v	8.7	24.4	14.3	1.6	13.1	ND	1.2	ND	ND	36.6	ND	-	-	ND	ND
VOC - Tentatively Identified Compounds																		
Total VOC TICs	µg/kg	n/v	n/v	-	-	-	-	-	-	-	-	10 JN	-	-	-	-	-	7.7 J

See notes on last page.

Table 1
Summary of Analytical Results for RI Soil Samples
IRMWP#4
820 Linden Ave Site, BCP #C828200
820 Linden Avenue, Pittsford, NY

Sample Location				SS-2a		SS-2abc		SS-2c		SS-3a		SS-3abc		SS-3b		SS-4abc	
Sample Date				30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18
Sample ID				LIN-SS2a-t-s	LIN-SS2a-b-s	LIN-SS2-t-s	LIN-SS2-b-s	LIN-SS2c-t-s	LIN-SS2c-b-s	LIN-SS3a-t-s	LIN-SS3a-b-s	LIN-SS3-t-s	LIN-SS3-b-s	LIN-SS3b-t-s	LIN-SS3b-b-s	LIN-SS4-t-s	LIN-SS4-b-s
Sample Depth				0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in
Sampling Company				STANTEC	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	TAL
Laboratory Work Order				460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1
Laboratory Sample ID				460-161576-5	460-161576-6	460-161576-20	460-161576-21	460-161576-7	460-161576-8	460-161576-9	460-161576-10	460-161576-22	460-161576-23	460-161576-11	460-161576-12	460-161576-24	460-161576-25
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51														
General Chemistry																	
Cyanide	mg/kg	27_{n}^{AB} $10{,}000_{a}^{C}$ 40_{L}^{D}	n/v	-	-	0.26 U	0.26 U	-	-	-	-	-	-	-	-	0.27 U	1.0
Metals																	
Aluminum	mg/kg	$10{,}000_{a}^{ABCD}$	$10{,}000_{a}^{EFG}$	-	-	7,380	6,160	-	-	-	-	7,290	5,850	-	-	5,930	6,580
Antimony	mg/kg	$10{,}000_{a}^{ABCD}$	$10{,}000_{a}^{EFG}$	-	-	31.5 U	32.1 U	-	-	-	-	32.4 UJ	29.5 U	-	-	32.9 U	32.7 U
Arsenic	mg/kg	13_{a}^{A} 16_{a}^{BCD}	n/v	-	-	4.2 U	4.3 U	-	-	-	-	4.3 U	3.9 U	-	-	4.4 U	4.4 U
Barium	mg/kg	350_{n}^{A} 400^{B} $10{,}000_{a}^{C}$ 820^{D}	n/v	-	-	24.8	24.8	-	-	-	-	27.9	23.3	-	-	27.4	26.2
Beryllium	mg/kg	7.2^{A} 590^{B} $2{,}700^{C}$ 47^{D}	n/v	-	-	0.42 U	0.43 U	-	-	-	-	0.43 U	0.39 U	-	-	0.44 U	0.44 U
Cadmium	mg/kg	2.5_{n}^{A} 9.3^{B} 60^{C} 7.5^{D}	n/v	-	-	0.42 U	0.43 U	-	-	-	-	0.43 U	0.39 U	-	-	0.44 U	0.44 U
Calcium	mg/kg	$10{,}000_{a}^{ABCD}$	$10{,}000_{a}^{EFG}$	-	-	2,120	2,200	-	-	-	-	2,260	1,850	-	-	4,590	3,010
Chromium	mg/kg	$30_{n,i}^{A}$ $1{,}500_{i}^{B}$ $6{,}800_{i\ NS,o}^{C}$ ^{D}	n/v	-	-	9.7	8.2	-	-	-	-	9.6	7.7	-	-	16.4	19.4
Cobalt	mg/kg	$10{,}000_{a}^{ABCD}$	$10{,}000_{a}^{EFG}$	-	-	4.8	3.7	-	-	-	-	4.0	2.9	-	-	2.4	2.7
Copper	mg/kg	50^{A} 270^{B} $10{,}000_{e}^{C}$ $1{,}720^{D}$	n/v	-	-	11.2	8.5	-	-	-	-	10.4	8.8	-	-	8.4	8.5
Iron	mg/kg	$10{,}000_{a}^{ABCD}$	$10{,}000_{a}^{EFG}$	-	-	**13,100^{ABCDEFG}**	**10,900^{ABCDEFG}**	-	-	-	-	**10,800^{ABCDEFG}**	8,240	-	-	7,410	8,080
Lead	mg/kg	63_{n}^{A} $1{,}000^{B}$ $3{,}900^{C}$ 450^{D}	n/v	-	-	7.5	12.3	-	-	-	-	24.2	17.8	-	-	26.3	28.4
Magnesium	mg/kg	$10{,}000_{a}^{ABCD}$	n/v	-	-	1,940	1,670	-	-	-	-	1,690	1,310	-	-	2,030	1,550
Manganese	mg/kg	$1{,}600_{n}^{A}$ $10{,}000_{a}^{BC}$ $2{,}000_{a}^{D}$	n/v	-	-	356	310	-	-	-	-	283	205	-	-	181	170
Mercury	mg/kg	0.18_{n}^{A} 2.8_{n}^{B} 5.7_{L}^{C} 0.73^{D}	n/v	-	-	0.030	0.034	-	-	-	-	0.039	0.040	-	-	0.064	0.069
Nickel	mg/kg	30^{A} 310^{B} $10{,}000_{e}^{C}$ 130^{D}	n/v	-	-	11.2	10.7 U	-	-	-	-	10.8 U	9.8 U	-	-	11.0 U	10.9 U
Potassium	mg/kg	$10{,}000_{a}^{ABCD}$	n/v	-	-	672	502	-	-	-	-	654	374	-	-	454	440
Selenium	mg/kg	3.9_{n}^{A} $1{,}500^{B}$ $6{,}800^{C}$ 4_{a}^{D}	n/v	-	-	8.4 U	8.6 U	-	-	-	-	8.6 U	7.9 U	-	-	8.8 U	8.7 U
Silver	mg/kg	2^{A} $1{,}500^{B}$ $6{,}800^{C}$ 8.3^{D}	n/v	-	-	1.1 U	1.1 U	-	-	-	-	1.1 U	0.98 U	-	-	1.1 U	1.1 U
Sodium	mg/kg	$10{,}000_{a}^{ABCD}$	n/v	-	-	294 U	300 U	-	-	-	-	302 U	275 U	-	-	307 U	305 U
Thallium	mg/kg	$10{,}000_{a}^{ABCD}$	$10{,}000_{a}^{EFG}$	-	-	12.6 U	12.9 U	-	-	-	-	12.9 U	11.8 U	-	-	13.2 U	13.1 U
Vanadium	mg/kg	$10{,}000_{a}^{ABCD}$	$10{,}000_{a}^{EFG}$	-	-	17.7	14.7	-	-	-	-	14.9	11.5	-	-	10.9	11.8
Zinc	mg/kg	109_{n}^{A} $10{,}000_{a}^{BC}$ $2{,}480^{D}$	n/v	-	-	30.2	31.2	-	-	-	-	43.9	44.5	-	-	47.2	46.7
Polychlorinated Biphenyls																	
Aroclor 1016	µg/kg	^{ABCD}	n/v	-	-	37 U	37 U	-	-	-	-	-	-	-	-	38 U	37 U
Aroclor 1221	µg/kg	^{ABCD}	n/v	-	-	37 U	37 U	-	-	-	-	-	-	-	-	38 U	37 U
Aroclor 1232	µg/kg	^{ABCD}	n/v	-	-	37 U	37 U	-	-	-	-	-	-	-	-	38 U	37 U
Aroclor 1242	µg/kg	^{ABCD}	n/v	-	-	37 U	37 U	-	-	-	-	-	-	-	-	38 U	37 U
Aroclor 1248	µg/kg	^{ABCD}	n/v	-	-	37 U	37 U	-	-	-	-	-	-	-	-	38 U	37 U
Aroclor 1254	µg/kg	^{ABCD}	n/v	-	-	37 U	37 U	-	-	-	-	-	-	-	-	38 U	37 U
Aroclor 1260	µg/kg	^{ABCD}	n/v	-	-	37 U	37 U	-	-	-	-	-	-	-	-	38 U	37 U
Aroclor 1262	µg/kg	^{ABCD}	n/v	-	-	37 U	37 U	-	-	-	-	-	-	-	-	38 U	37 U
Aroclor 1268	µg/kg	^{ABCD}	n/v	-	-	37 U	37 U	-	-	-	-	-	-	-	-	38 U	37 U
Polychlorinated Biphenyls (PCBs)	µg/kg	100^{A} $1{,}000^{B}$ $25{,}000^{C}$ $3{,}200^{D}$	n/v	-	-	ND	ND	-	-	-	-	-	-	-	-	ND	ND
Pesticides																	
Aldrin	µg/kg	5_{n}^{A} 680^{B} $1{,}400^{C}$ 190^{D}	n/v	-	-	3.7 U	3.7 U	-	-	-	-	-	-	-	-	3.8 U	3.7 U
BHC, alpha-	µg/kg	20^{AD} $3{,}400^{B}$ $6{,}800^{C}$	n/v	-	-	3.7 U	3.7 U	-	-	-	-	-	-	-	-	3.8 U	3.7 U
BHC, beta-	µg/kg	36^{A} $3{,}000^{B}$ $14{,}000^{C}$ 90^{D}	n/v	-	-	3.7 U	3.7 U	-	-	-	-	-	-	-	-	3.8 U	3.7 U
BHC, delta-	µg/kg	40_{n}^{A} $500{,}000_{a}^{B}$ $1{,}000{,}000_{d}^{C}$ 250^{D}	n/v	-	-	3.7 U	3.7 U	-	-	-	-	-	-	-	-	3.8 U	3.7 U
Camphechlor (Toxaphene)	µg/kg	$100{,}000_{a}^{A}$ $500{,}000_{c}^{B}$ $1{,}000{,}000_{d}^{CD}$	n/v	-	-	37 U	37 U	-	-	-	-	-	-	-	-	38 U	37 U
Chlordane, alpha-	µg/kg	94^{A} $24{,}000^{B}$ $47{,}000^{C}$ $2{,}900^{D}$	n/v	-	-	3.7 U	3.7 U	-	-	-	-	-	-	-	-	3.8 U	3.7 U
Chlordane, trans- (gamma-Chlordane)	µg/kg	$100{,}000_{a}^{A}$ $1{,}000{,}000_{d}^{D}$	n/v	-	-	3.7 U	3.7 U	-	-	-	-	-	-	-	-	3.8 U	3.7 U
DDD (p,p'-DDD)	µg/kg	3.3_{m}^{A} $92{,}000^{B}$ $180{,}000^{C}$ $14{,}000^{D}$	n/v	-	-	3.7 U	3.7 U	-	-	-	-	-	-	-	-	3.8 U	3.7 U
DDE (p,p'-DDE)	µg/kg	3.3_{m}^{A} $62{,}000^{B}$ $120{,}000^{C}$ $17{,}000^{D}$	n/v	-	-	3.7 U	3.7 U	-	-	-	-	-	-	-	-	3.8 U	3.7 U
DDT (p,p'-DDT)	µg/kg	3.3_{m}^{A} $47{,}000^{B}$ $94{,}000^{C}$ $136{,}000^{D}$	n/v	-	-	3.7 U	3.7 U	-	-	-	-	-	-	-	-	3.8 U	3.7 U
Dieldrin	µg/kg	5_{n}^{A} $1{,}400^{B}$ $2{,}800^{C}$ 100^{D}	n/v	-	-	3.7 U	3.7 U	-	-	-	-	-	-	-	-	**63^{A}**	**52^{A}**
Endosulfan I	µg/kg	$2{,}400^{A}$ $200{,}000_{c}^{B}$ $920{,}000^{C}$ $102{,}000^{D}$	n/v	-	-	3.7 U	3.7 U	-	-	-	-	-	-	-	-	3.8 U	3.7 U
Endosulfan II	µg/kg	$2{,}400^{A}$ $200{,}000_{c}^{B}$ $920{,}000^{C}$ $102{,}000^{D}$	n/v	-	-	3.7 U	3.7 U	-	-	-	-	-	-	-	-	3.8 U	3.7 U
Endosulfan Sulfate	µg/kg	$2{,}400_{i}^{A}$ $200{,}000_{c}^{B}$ $920{,}000_{i}^{C}$ $1{,}000{,}000_{d}^{D}$	n/v	-	-	3.7 U	3.7 U	-	-	-	-	-	-	-	-	3.8 U	3.7 U
Endrin	µg/kg	14^{A} $89{,}000^{B}$ $410{,}000^{C}$ 60^{D}	n/v	-	-	3.7 U	3.7 U	-	-	-	-	-	-	-	-	3.8 U	3.7 U
Endrin Aldehyde	µg/kg	$100{,}000_{a}^{A}$ $500{,}000_{c}^{B}$ $1{,}000{,}000_{d}^{CD}$	n/v	-	-	3.7 U	3.7 U	-	-	-	-	-	-	-	-	3.8 U	3.7 U
Endrin Ketone	µg/kg	$100{,}000_{a}^{A}$ $500{,}000_{c}^{B}$ $1{,}000{,}000_{d}^{CD}$	n/v	-	-	3.7 U	3.7 U	-	-	-	-	-	-	-	-	3.8 U	3.7 U
Heptachlor	µg/kg	42^{A} $15{,}000^{B}$ $29{,}000^{C}$ 380^{D}	n/v	-	-	3.7 U	3.7 U	-	-	-	-	-	-	-	-	3.8 U	3.7 U
Heptachlor Epoxide	µg/kg	$100{,}000_{a}^{A}$ $500{,}000_{c}^{B}$ $1{,}000{,}000_{d}^{CD}$	$500{,}000_{a}^{E}$ $1{,}000{,}000_{a}^{F}$ 20^{G}	-	-	3.7 U	3.7 U	-	-	-	-	-	-	-	-	3.8 U	3.7 U
Lindane (Hexachlorocyclohexane, gamma)	µg/kg	100^{AD} $9{,}200^{B}$ $23{,}000^{C}$	n/v	-	-	3.7 U	3.7 U	-	-	-	-	-	-	-	-	3.8 U	3.7 U
Methoxychlor (4,4'-Methoxychlor)	µg/kg	$100{,}000_{a}^{A}$ $500{,}000_{c}^{B}$ $1{,}000{,}000_{d}^{CD}$	$500{,}000_{a}^{E}$ $1{,}000{,}000_{a}^{F}$ $900{,}000^{G}$	-	-	3.7 U	3.7 U	-	-	-	-	-	-	-	-	3.8 U	3.7 U

See notes on last page.

Table 1
Summary of Analytical Results for RI Soil Samples
IRMWP#4
820 Linden Ave Site, BCP #C828200
820 Linden Avenue, Pittsford, NY

Sample Location				SS-2a		SS-2abc		SS-2c		SS-3a		SS-3abc		SS-3b		SS-4abc	
Sample Date				30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18
Sample ID				LIN-SS2a-t-s	LIN-SS2a-b-s	LIN-SS2-t-s	LIN-SS2-b-s	LIN-SS2c-t-s	LIN-SS2c-b-s	LIN-SS3a-t-s	LIN-SS3a-b-s	LIN-SS3-t-s	LIN-SS3-b-s	LIN-SS3b-t-s	LIN-SS3b-b-s	LIN-SS4-t-s	LIN-SS4-b-s
Sample Depth				0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in
Sampling Company				STANTEC	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	TAL
Laboratory Work Order				460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1
Laboratory Sample ID				460-161576-5	460-161576-6	460-161576-20	460-161576-21	460-161576-7	460-161576-8	460-161576-9	460-161576-10	460-161576-22	460-161576-23	460-161576-11	460-161576-12	460-161576-24	460-161576-25
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51														
Semi-Volatile Organic Compounds																	
Acenaphthene	µg/kg	20,000[A] 500,000[B] 1,000,000[C] 98,000[D]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Acenaphthylene	µg/kg	100,000[A] 500,000[B] 1,000,000[C] 107,000[D]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Acetophenone	µg/kg	100,000[A] 1,000,000[D]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Anthracene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Atrazine	µg/kg	100,000[A] 1,000,000[D]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Benzaldehyde	µg/kg	100,000[A] 1,000,000[D]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Benzo(a)anthracene	µg/kg	1,000[A] 5,600[B] 11,000[C] 1,000[D]	n/v	-	-	380 U	540	-	-	-	-	-	-	-	-	1,600[AD]	560
Benzo(a)pyrene	µg/kg	1,000[A] 1,000[B] 1,100[C] 22,000[D]	n/v	-	-	380 U	430	-	-	-	-	-	-	-	-	1,800[ABC]	630
Benzo(b)fluoranthene	µg/kg	1,000[A] 5,600[B] 11,000[C] 1,700[D]	n/v	-	-	380 U	560	-	-	-	-	-	-	-	-	2,600[AD]	930
Benzo(g,h,i)perylene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	1,200	450
Benzo(k)fluoranthene	µg/kg	800[A] 56,000[B] 110,000[C] 1,700[D]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	1,000[A]	380 U
Biphenyl, 1,1'- (Biphenyl)	µg/kg	100,000[A] 1,000,000[D]	500,000[E] 1,000,000[F]	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Bis(2-Chloroethoxy)methane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Bis(2-Chloroethyl)ether	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 435,000[G]	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Bromophenyl Phenyl Ether, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Butyl Benzyl Phthalate	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 122,000[G]	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Caprolactam	µg/kg	100,000[A] 1,000,000[D]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Carbazole	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Chloro-3-methyl phenol, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Chloroaniline, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 220[G]	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Chloronaphthalene, 2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Chlorophenyl Phenyl Ether, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Chrysene	µg/kg	1,000[A] 56,000[B] 110,000[C] 1,000[D]	n/v	-	-	380 U	480	-	-	-	-	-	-	-	-	2,000[AD]	680
Cresol, o- (Methylphenol, 2-)	µg/kg	330[A] 500,000[B] 1,000,000[C] 330[D]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Cresol, p- (Methylphenol, 4-)	µg/kg	330[A] 500,000[B] 1,000,000[C] 330[D]	n/v	-	-	730 U	730 U	-	-	-	-	-	-	-	-	760 U	740 U
Dibenzo(a,h)anthracene	µg/kg	330[A] 560[B] 1,100[C] 1,000,000[D]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Dibenzofuran	µg/kg	7,000[A] 350,000[B] 1,000,000[C] 210,000[D]	500,000[E] 1,000,000[F] 6,200[G]	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Dibutyl Phthalate (DBP)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 8,100[G]	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Dichlorobenzidine, 3,3'-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Dichlorophenol, 2,4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 400[G]	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Diethyl Phthalate	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 7,100[G]	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Dimethyl Phthalate	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 27,000[G]	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Dimethylphenol, 2,4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Dinitro-o-cresol, 4,6-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	730 U	730 U	-	-	-	-	-	-	-	-	760 U	740 U
Dinitrophenol, 2,4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 200[G]	-	-	730 U	730 U	-	-	-	-	-	-	-	-	760 U	740 U
Dinitrotoluene, 2,4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Dinitrotoluene, 2,6-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 1,000/170$_{b,s1}$[G]	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Di-n-Octyl phthalate	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 120,000[G]	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Fluoranthene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	380 U	1,100	-	-	-	-	-	-	-	-	4,000	1,500
Fluorene	µg/kg	30,000[A] 500,000[B] 1,000,000[C] 386,000[D]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Hexachlorobenzene	µg/kg	330[A] 6,000[B] 12,000[C] 3,200[D]	500,000[E] 1,000,000[F] 1,400[G]	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Hexachlorocyclopentadiene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Hexachloroethane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Indeno(1,2,3-cd)pyrene	µg/kg	500[A] 5,600[B] 11,000[C] 8,200[D]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	1,400[A]	510[A]
Isophorone	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 4,400[G]	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Methylnaphthalene, 2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 36,400[G]	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Naphthalene	µg/kg	12,000[AD] 500,000[B] 1,000,000[C]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Nitroaniline, 2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 400[G]	-	-	730 U	730 U	-	-	-	-	-	-	-	-	760 U	740 U
Nitroaniline, 3-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 500[G]	-	-	730 U	730 U	-	-	-	-	-	-	-	-	760 U	740 U
Nitroaniline, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	730 U	730 U	-	-	-	-	-	-	-	-	760 U	740 U
Nitrobenzene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	69,000[E] 140,000[F] 170$_{b}$[G]	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Nitrophenol, 2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 300[G]	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Nitrophenol, 4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 100[G]	-	-	730 U	730 U	-	-	-	-	-	-	-	-	760 U	740 U
N-Nitrosodi-n-Propylamine	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
n-Nitrosodiphenylamine	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Pentachlorophenol	µg/kg	800[A] 6,700[B] 55,000[C] 800[D]	n/v	-	-	730 U	730 U	-	-	-	-	-	-	-	-	760 U	740 U
Phenanthrene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	380 U	530	-	-	-	-	-	-	-	-	1,400	550
Phenol	µg/kg	330[A] 500,000[B] 1,000,000[C] 330[D]	n/v	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Pyrene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	-	-	380 U	950	-	-	-	-	-	-	-	-	3,300	1,200
Trichlorophenol, 2,4,5-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 100[G]	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Trichlorophenol, 2,4,6-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	-	-	380 U	370 U	-	-	-	-	-	-	-	-	390 U	380 U
Total SVOC	µg/kg	n/v	n/v	-	-	ND	4,590	-	-	-	-	-	-	-	-	20,300	7,010
SVOC - Tentatively Identified Compounds																	
Total SVOC TICs	µg/kg	n/v	n/v	-	-	860 JN	2,540 JN	-	-	-	-	-	-	-	-	11,180 JN	4,960 JN

See notes on last page.

Table 1
Summary of Analytical Results for RI Soil Samples
IRMWP#4
820 Linden Ave Site, BCP #C828200
820 Linden Avenue, Pittsford, NY

Sample Location				SS-2a		SS-2abc		SS-2c		SS-3a		SS-3abc		SS-3b		SS-4abc	
Sample Date				30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18
Sample ID				LIN-SS2a-t-s	LIN-SS2a-b-s	LIN-SS2-t-s	LIN-SS2-b-s	LIN-SS2c-t-s	LIN-SS2c-b-s	LIN-SS3a-t-s	LIN-SS3a-b-s	LIN-SS3-t-s	LIN-SS3-b-s	LIN-SS3b-t-s	LIN-SS3b-b-s	LIN-SS4-t-s	LIN-SS4-b-s
Sample Depth				0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in
Sampling Company				STANTEC	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	TAL
Laboratory Work Order				460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-161576-1
Laboratory Sample ID				460-161576-5	460-161576-6	460-161576-20	460-161576-21	460-161576-7	460-161576-8	460-161576-9	460-161576-10	460-161576-22	460-161576-23	460-161576-11	460-161576-12	460-161576-24	460-161576-25
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51														
Volatile Organic Compounds																	
Acetone	µg/kg	50[AD] 500,000[B] 1,000,000[C]	n/v	4.9 U	5.3 U	-	-	5.4 U	5.7 U	5.3 U	5.1 U	-	-	5.4 U	4.9 U	-	-
Benzene	µg/kg	60[AD] 44,000[B] 89,000[C]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Bromodichloromethane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Bromoform (Tribromomethane)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Bromomethane (Methyl bromide)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Butylbenzene, n-	µg/kg	12,000[AD] 500,000[B] 1,000,000[C]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11,000[AD] 500,000[B] 1,000,000[C]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Butylbenzene, tert-	µg/kg	5,900[AD] 500,000[B] 1,000,000[C]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Carbon Disulfide	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 2,700[G]	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760[AD] 22,000[B] 44,000[C]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Chlorobenzene (Monochlorobenzene)	µg/kg	1,100[AD] 500,000[B] 1,000,000[C]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Chloroethane (Ethyl Chloride)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 1,900[G]	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Chloroform (Trichloromethane)	µg/kg	370[AD] 350,000[B] 700,000[C]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Chloromethane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Cyclohexane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Dibromochloromethane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Dichlorobenzene, 1,2-	µg/kg	1,100[AD] 500,000[B] 1,000,000[C]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Dichlorobenzene, 1,3-	µg/kg	2,400[AD] 280,000[B] 560,000[C]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Dichlorobenzene, 1,4-	µg/kg	1,800[AD] 130,000[B] 250,000[C]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Dichlorodifluoromethane (Freon 12)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Dichloroethane, 1,1-	µg/kg	270[AD] 240,000[B] 480,000[C]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Dichloroethane, 1,2-	µg/kg	20[m][A] 30,000[B] 60,000[C] 20[D]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Dichloroethene, 1,1-	µg/kg	330[AD] 500,000[B] 1,000,000[C]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Dichloroethene, cis-1,2-	µg/kg	250[AD] 500,000[B] 1,000,000[C]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Dichloroethene, trans-1,2-	µg/kg	190[AD] 500,000[B] 1,000,000[C]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Dichloropropane, 1,2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Dichloropropene, cis-1,3-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Dichloropropene, trans-1,3-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Ethylbenzene	µg/kg	1,000[AD] 390,000[B] 780,000[C]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	4.9 U	5.3 U	-	-	5.4 U	5.7 U	5.3 U	5.1 U	-	-	5.4 U	4.9 U	-	-
Isopropylbenzene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 2,300[G]	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Isopropyltoluene, p- (Cymene)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 10,000[G]	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Methyl Acetate	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	4.9 U	5.3 U	-	-	5.4 U	5.7 U	5.3 U	5.1 U	-	-	5.4 U	4.9 U	-	-
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	120[AD] 500,000[B] 1,000,000[C]	500,000[E] 1,000,000[F] 300[G]	4.9 U	5.3 U	-	-	5.4 U	5.7 U	5.3 U	5.1 U	-	-	5.4 U	4.9 U	-	-
Methyl Isobutyl Ketone (MIBK)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 1,000[G]	4.9 U	5.3 U	-	-	5.4 U	5.7 U	5.3 U	5.1 U	-	-	5.4 U	4.9 U	-	-
Methyl tert-butyl ether (MTBE)	µg/kg	930[AD] 500,000[B] 1,000,000[C]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Methylcyclohexane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Methylene Chloride (Dichloromethane)	µg/kg	50[AD] 500,000[B] 1,000,000[C]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Naphthalene	µg/kg	12,000[AD] 500,000[B] 1,000,000[C]	n/v	1.4	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Propylbenzene, n-	µg/kg	3,900[AD] 500,000[B] 1,000,000[C]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Styrene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Tetrachloroethane, 1,1,2,2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 600[G]	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Tetrachloroethene (PCE)	µg/kg	1,300[AD] 150,000[B] 300,000[C]	500,000[E] 1,000,000[F]	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Toluene	µg/kg	700[AD] 500,000[B] 1,000,000[C]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Trichlorobenzene, 1,2,4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 3,400[G]	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Trichloroethane, 1,1,1-	µg/kg	680[AD] 500,000[B] 1,000,000[C]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Trichloroethane, 1,1,2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Trichloroethene (TCE)	µg/kg	470[AD] 200,000[B] 400,000[C]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Trichlorofluoromethane (Freon 11)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Trichlorotrifluoroethane (Freon 113)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 6,000[G]	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Trimethylbenzene, 1,2,4-	µg/kg	3,600[AD] 190,000[B] 380,000[C]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Trimethylbenzene, 1,3,5-	µg/kg	8,400[AD] 190,000[B] 380,000[C]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Vinyl Chloride	µg/kg	20[AD] 13,000[B] 27,000[C]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Xylene, m & p-	µg/kg	260[A] 500,000[c,s][B] 1,000,000[d,o][C] 1,600[D]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Xylene, o-	µg/kg	260[A] 500,000[c,s][B] 1,000,000[d,o][C] 1,600[D]	n/v	0.98 U	1.1 U	-	-	1.1 U	1.1 U	1.1 U	1.0 U	-	-	1.1 U	0.98 U	-	-
Xylenes, Total	µg/kg	260[A] 500,000[B] 1,000,000[C] 1,600[D]	n/v	2.0 U	2.1 U	-	-	2.2 U	2.3 U	2.1 U	2.1 U	-	-	2.2 U	2.0 U	-	-
Total VOC	µg/kg	n/v	n/v	1.4	ND	-	-	ND	ND	ND	ND	-	-	ND	ND	-	-
VOC - Tentatively Identified Compounds																	
Total VOC TICs	µg/kg	n/v	n/v	-	-	-	-	-	-	-	-	-	-	10 J	-	-	-

See notes on last page.

Table 1
Summary of Analytical Results for RI Soil Samples
IRMWP#4
820 Linden Ave Site, BCP #C828200
820 Linden Avenue, Pittsford, NY

Sample Location				SS-4b		SS-4c		TP-1a	TP-2a	TP-4	TP-5a	TP-6	TP-7	TP-8a	TP-8c
Sample Date				30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	16-Aug-18	16-Aug-18	17-Aug-18	17-Aug-18	17-Aug-18	16-Aug-18	17-Aug-18	17-Aug-18
Sample ID				LIN-SS4b-t-s	LIN-SS4b-b-s	LIN-SS4c-t-s	LIN-SS4c-b-s	LIN-TP1-S	LIN-TP2a-s	LIN-TP4-s	LIN-TP5a-s	LIN-TP6-s	LIN-TP7-S	LIN-TP8a-s	LIN-TP8c-s
Sample Depth				0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in	3 ft	2.5 ft	3.5 ft	3 - 3.5 ft	2 ft	6 ft	2.4 ft	1 ft
Sampling Company				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
Laboratory Work Order				460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-162801-1	460-162801-1	460-162801-1	460-162801-1	460-162801-1	460-162801-1	460-162801-1	460-162801-1
Laboratory Sample ID				460-161576-13	460-161576-14	460-161576-15	460-161576-16	460-162801-2	460-162872-1	460-162872-3	460-162872-2	460-162872-4	460-162801-3	460-162872-5	460-162872-6
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51												
General Chemistry															
Cyanide	mg/kg	27[AB] 10,000[a] [C] 40[D]	n/v	-	-	-	-	0.24 U	0.23 U	0.25 U	0.25 U	0.26 U	0.23 U	-	0.29 U
Metals															
Aluminum	mg/kg	10,000[a] [ABCD]	10,000[a] [EFG]	-	-	-	-	5,450	5,500	5,490	7,230	6,070	3,600	-	5,200
Antimony	mg/kg	10,000[a] [ABCD]	10,000[a] [EFG]	-	-	-	-	31.3 U	30.4 U	31.2 U	34.1 U	31.7 U	30.4 U	-	36.5 U
Arsenic	mg/kg	13[A] 16[a] [BCD]	n/v	-	-	-	-	4.2 U	4.1 U	4.2 U	5.8	4.2 U	4.1 U	-	4.9 U
Barium	mg/kg	350[A] 400[B] 10,000[a] [C] 820[D]	n/v	-	-	-	-	23.4	19.3	32.2	91.0	78.6	8.3	-	19.3
Beryllium	mg/kg	7.2[A] 590[B] 2,700[C] 47[D]	n/v	-	-	-	-	0.42 U	0.41 U	0.42 U	0.45 U	0.42 U	0.41 U	-	0.49 U
Cadmium	mg/kg	2.5[n] [A] 9.3[B] 60[C] 7.5[D]	n/v	-	-	-	-	0.42 U	0.41 U	0.42 U	0.45 U	0.42 U	0.41 U	-	0.49 U
Calcium	mg/kg	10,000[a] [ABCD]	10,000[a] [EFG]	-	-	-	-	1,760	1,200	1,210	3,910	1,850	570	-	1,480
Chromium	mg/kg	30[n,i] [A] 1,500[B] 6,800[i] [C] [NS,o] [D]	n/v	-	-	-	-	6.5	6.5	6.1	14.2	6.7	3.0	-	5.2
Cobalt	mg/kg	10,000[a] [ABCD]	10,000[a] [EFG]	-	-	-	-	3.5	2.8	2.5	4.3	2.1	2.0	-	2.2
Copper	mg/kg	50[A] 270[B] 10,000[e] [C] 1,720[D]	n/v	-	-	-	-	12.2	4.7	8.0	15.8	13.7	3.9	-	12.1
Iron	mg/kg	10,000[a] [ABCD]	10,000[a] [EFG]	-	-	-	-	8,050	6,120	7,350	**12,100 [ABCDEFG]**	8,500	3,940	-	6,610
Lead	mg/kg	63[n] [A] 1,000[B] 3,900[C] 450[D]	n/v	-	-	-	-	7.7	3.0	22.4	**207 [A]**	49.9	2.0 U	-	14.0
Magnesium	mg/kg	10,000[a] [ABCD]	n/v	-	-	-	-	1,350	1,040	998	2,510	805	876	-	1,100
Manganese	mg/kg	1,600[n] [A] 10,000[a] [BC] 2,000[e] [D]	n/v	-	-	-	-	191	75.8	227	431	503	118	-	112
Mercury	mg/kg	0.18[n] [A] 2.8[s] [B] 5.7[t] [C] 0.73[D]	n/v	-	-	-	-	0.019	0.016 U	0.033	0.088	0.043	0.016 U	-	0.031
Nickel	mg/kg	30[A] 310[B] 10,000[a] [C] 130[D]	n/v	-	-	-	-	10.4 U	10.1 U	10.4 U	11.4 U	10.6 U	10.1 U	-	12.2 U
Potassium	mg/kg	10,000[a] [ABCD]	n/v	-	-	-	-	348	209	230	317	207	143	-	249
Selenium	mg/kg	3.9[n] [A] 1,500[B] 6,800[C] 4[d] [D]	n/v	-	-	-	-	8.4 U	8.1 U	8.3 U	9.1 U	8.5 U	8.1 U	-	9.7 U
Silver	mg/kg	2[A] 1,500[B] 6,800[C] 8.3[D]	n/v	-	-	-	-	1.0 U	1.0 U	1.0 U	1.1 U	1.1 U	1.0 U	-	1.2 U
Sodium	mg/kg	10,000[a] [ABCD]	n/v	-	-	-	-	293 U	284 U	291 U	318 U	296 U	284 U	-	340 U
Thallium	mg/kg	10,000[a] [ABCD]	10,000[a] [EFG]	-	-	-	-	12.5 U	12.2 U	12.5 U	13.6 U	12.7 U	12.2 U	-	14.6 U
Vanadium	mg/kg	10,000[a] [ABCD]	10,000[a] [EFG]	-	-	-	-	8.7	11.5	8.0	12.9	8.1	5.1	-	7.4
Zinc	mg/kg	109[n] [A] 10,000[a] [BC] 2,480[D]	n/v	-	-	-	-	24.3	14.8	49.4	**187 [A]**	**156 [A]**	10.4	-	36.3
Polychlorinated Biphenyls															
Aroclor 1016	µg/kg	[ABCD]	n/v	-	-	-	-	35 U	35 U	36 U	39 U	36 U	35 U	-	41 U
Aroclor 1221	µg/kg	[ABCD]	n/v	-	-	-	-	35 U	35 U	36 U	39 U	36 U	35 U	-	41 U
Aroclor 1232	µg/kg	[ABCD]	n/v	-	-	-	-	35 U	35 U	36 U	39 U	36 U	35 U	-	41 U
Aroclor 1242	µg/kg	[ABCD]	n/v	-	-	-	-	35 U	35 U	36 U	39 U	36 U	35 U	-	41 U
Aroclor 1248	µg/kg	[ABCD]	n/v	-	-	-	-	35 U	35 U	36 U	39 U	36 U	35 U	-	41 U
Aroclor 1254	µg/kg	[ABCD]	n/v	-	-	-	-	35 U	35 U	36 U	39 U	36 U	35 U	-	41 U
Aroclor 1260	µg/kg	[ABCD]	n/v	-	-	-	-	35 U	35 U	36 U	39 U	36 U	35 U	-	41 U
Aroclor 1262	µg/kg	[ABCD]	n/v	-	-	-	-	35 U	35 U	36 U	39 U	36 U	35 U	-	41 U
Aroclor 1268	µg/kg	[ABCD]	n/v	-	-	-	-	35 U	35 U	36 U	39 U	36 U	35 U	-	41 U
Polychlorinated Biphenyls (PCBs)	µg/kg	100[A] 1,000[B] 25,000[C] 3,200[D]	n/v	-	-	-	-	ND	ND	ND	ND	ND	ND	-	ND
Pesticides															
Aldrin	µg/kg	5[n] [A] 680[B] 1,400[C] 190[D]	n/v	-	-	-	-	3.5 U	3.5 U	3.6 U	3.9 U	3.6 U	3.5 U	-	4.1 U
BHC, alpha-	µg/kg	20[KO] 3,400[B] 6,800[C]	n/v	-	-	-	-	3.5 U	3.5 U	3.6 U	3.9 U	3.6 U	3.5 U	-	4.1 U
BHC, beta-	µg/kg	36[h] 3,000[B] 14,000[C] 90[D]	n/v	-	-	-	-	3.5 U	3.5 U	3.6 U	3.9 U	3.6 U	3.5 U	-	4.1 U
BHC, delta-	µg/kg	40[n] [A] 500,000[B] 1,000,000[a] [C] 250[D]	n/v	-	-	-	-	3.5 U	3.5 U	3.6 U	3.9 U	3.6 U	3.5 U	-	4.1 U
Camphechlor (Toxaphene)	µg/kg	100,000[a] [A] 500,000[B] 1,000,000[d] [CD]	n/v	-	-	-	-	35 U	35 U	36 U	39 U	36 U	35 U	-	41 U
Chlordane, alpha-	µg/kg	94[A] 24,000[B] 47,000[C] 2,900[D]	n/v	-	-	-	-	3.5 U	3.5 U	3.6 U	3.9 U	3.6 U	3.5 U	-	4.1 U
Chlordane, trans- (gamma-Chlordane)	µg/kg	100,000[a] [A] 1,000,000[d] [D]	n/v	-	-	-	-	3.5 U	3.5 U	3.6 U	8.6	3.6 U	3.5 U	-	4.1 U
DDD (p,p'-DDD)	µg/kg	3.3[m] [A] 92,000[B] 180,000[C] 14,000[D]	n/v	-	-	-	-	3.5 U	3.5 U	3.6 U	3.9 U	3.6 U	3.5 U	-	4.1 U
DDE (p,p'-DDE)	µg/kg	3.3[m] [A] 62,000[B] 120,000[C] 17,000[D]	n/v	-	-	-	-	3.5 U	3.5 U	3.6 U	**39 [A]**	3.6 U	3.5 U	-	4.1 U
DDT (p,p'-DDT)	µg/kg	3.3[m] [A] 47,000[B] 94,000[C] 136,000[D]	n/v	-	-	-	-	3.5 U	3.5 U	3.6 U	**13 [A]**	3.6 U	3.5 U	-	4.1 U
Dieldrin	µg/kg	5[n] [A] 1,400[B] 2,800[C] 100[D]	n/v	-	-	-	-	3.5 U	3.5 U	3.6 U	**35 [A]**	3.6 U	3.5 U	-	5.0
Endosulfan I	µg/kg	2,400[i] [A] 200,000[B] 920,000[C] 102,000[D]	n/v	-	-	-	-	3.5 U	3.5 U	3.6 U	3.9 U	3.6 U	3.5 U	-	4.1 U
Endosulfan II	µg/kg	2,400[i] [A] 200,000[B] 920,000[C] 102,000[D]	n/v	-	-	-	-	3.5 U	3.5 U	3.6 U	3.9 U	3.6 U	3.5 U	-	4.1 U
Endosulfan Sulfate	µg/kg	2,400[i] [A] 200,000[B] 920,000[i] [C] 1,000,000[d] [D]	n/v	-	-	-	-	3.5 U	3.5 U	3.6 U	3.9 U	3.6 U	3.5 U	-	4.1 U
Endrin	µg/kg	14[A] 89,000[B] 410,000[C] 60[D]	n/v	-	-	-	-	3.5 U	3.5 U	3.6 U	3.9 U	3.6 U	3.5 U	-	4.1 U
Endrin Aldehyde	µg/kg	100,000[a] [A] 500,000[c] [B] 1,000,000[d] [CD]	n/v	-	-	-	-	3.5 U	3.5 U	3.6 U	3.9 U	3.6 U	3.5 U	-	4.1 U
Endrin Ketone	µg/kg	100,000[a] [A] 500,000[c] [B] 1,000,000[d] [CD]	n/v	-	-	-	-	3.5 U	3.5 U	3.6 U	3.9 U	3.6 U	3.5 U	-	4.1 U
Heptachlor	µg/kg	42[A] 15,000[B] 29,000[C] 380[D]	n/v	-	-	-	-	3.5 U	3.5 U	3.6 U	3.9 U	3.6 U	3.5 U	-	4.1 U
Heptachlor Epoxide	µg/kg	100,000[a] [A] 500,000[c] [B] 1,000,000[d] [CD]	500,000[a] [E] 1,000,000[a] [F] 20[G]	-	-	-	-	3.5 U	3.5 U	3.6 U	3.9 U	3.6 U	3.5 U	-	4.1 U
Lindane (Hexachlorocyclohexane, gamma)	µg/kg	100[AD] 9,200[B] 23,000[C]	n/v	-	-	-	-	3.5 U	3.5 U	3.6 U	3.9 U	3.6 U	3.5 U	-	4.1 U
Methoxychlor (4,4'-Methoxychlor)	µg/kg	100,000[a] [A] 500,000[c] [B] 1,000,000[d] [CD]	500,000[a] [E] 1,000,000[a] [F] 900,000[G]	-	-	-	-	3.5 U	3.5 U	3.6 U	3.9 U	3.6 U	3.5 U	-	4.1 U

See notes on last page.

Table 1
Summary of Analytical Results for RI Soil Samples
IRMWP#4
820 Linden Ave Site, BCP #C828200
820 Linden Avenue, Pittsford, NY

Sample Location				SS-4b		SS-4c		TP-1a	TP-2a	TP-4	TP-5a	TP-6	TP-7	TP-8a	TP-8c
Sample Date				30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	16-Aug-18	16-Aug-18	17-Aug-18	17-Aug-18	17-Aug-18	16-Aug-18	17-Aug-18	17-Aug-18
Sample ID				LIN-SS4b-t-s	LIN-SS4b-b-s	LIN-SS4c-t-s	LIN-SS4c-b-s	LIN-TP1-S	LIN-TP2a-s	LIN-TP4-s	LIN-TP5a-s	LIN-TP6-s	LIN-TP7-S	LIN-TP8a-s	LIN-TP8c-s
Sample Depth				0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in	3 ft	2.5 ft	3.5 ft	3 - 3.5 ft	2 ft	6 ft	2.4 ft	1 ft
Sampling Company				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
Laboratory Work Order				460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-162801-1	460-162801-1	460-162801-1	460-162801-1	460-162801-1	460-162801-1	460-162801-1	460-162801-1
Laboratory Sample ID				460-161576-13	460-161576-14	460-161576-15	460-161576-16	460-162801-2	460-162872-1	460-162872-3	460-162872-2	460-162872-4	460-162801-3	460-162872-5	460-162872-6
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51												
Semi-Volatile Organic Compounds															
Acenaphthene	µg/kg	20,000[A] 500,000$_c$[B] 1,000,000$_d$[C] 98,000[D]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Acenaphthylene	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[C] 107,000[D]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Acetophenone	µg/kg	100,000$_a$[A] 1,000,000$_d$[D]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Anthracene	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Atrazine	µg/kg	100,000$_a$[A] 1,000,000$_d$[D]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Benzaldehyde	µg/kg	100,000$_a$[A] 1,000,000$_d$[D]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Benzo(a)anthracene	µg/kg	1,000$_h$[A] 5,600[B] 11,000[C] 1,000$_a$[D]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Benzo(a)pyrene	µg/kg	1,000$_h$[A] 1,000$_a$[B] 1,100[C] 22,000[D]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Benzo(b)fluoranthene	µg/kg	1,000$_h$[A] 5,600[B] 11,000[C] 1,700[D]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Benzo(g,h,i)perylene	µg/kg	100,000[A] 500,000$_c$[B] 1,000,000$_d$[CD]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Benzo(k)fluoranthene	µg/kg	800$_h$[A] 56,000[B] 110,000[C] 1,700[D]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Biphenyl, 1,1'- (Biphenyl)	µg/kg	100,000$_a$[A] 1,000,000$_d$[D]	500,000$_a$[E] 1,000,000$_a$[F]	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Bis(2-Chloroethoxy)methane	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Bis(2-Chloroethyl)ether	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	500,000$_a$[E] 1,000,000$_a$[F] 435,000[G]	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Bromophenyl Phenyl Ether, 4-	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Butyl Benzyl Phthalate	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	500,000$_a$[E] 1,000,000$_a$[F] 122,000[G]	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Caprolactam	µg/kg	100,000$_a$[A] 1,000,000$_d$[D]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Carbazole	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Chloro-3-methyl phenol, 4-	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Chloroaniline, 4-	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	500,000$_a$[E] 1,000,000$_a$[F] 220[G]	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Chloronaphthalene, 2-	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	500,000$_a$[E] 1,000,000$_a$[F]	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Chlorophenyl Phenyl Ether, 4-	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Chrysene	µg/kg	1,000$_h$[A] 56,000[B] 110,000[C] 1,000$_a$[D]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Cresol, o- (Methylphenol, 2-)	µg/kg	330$_m$[A] 500,000$_c$[B] 1,000,000$_d$[C] 330[D]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Cresol, p- (Methylphenol, 4-)	µg/kg	330$_m$[A] 500,000$_c$[B] 1,000,000$_d$[C] 330[D]	n/v	-	-	-	-	700 U	680 U	710 U	780 U	700 U	680 U	-	800 U
Dibenzo(a,h)anthracene	µg/kg	330$_m$[A] 560[B] 1,100[C] 1,000,000$_d$[D]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Dibenzofuran	µg/kg	7,000[A] 350,000[B] 1,000,000$_d$[C] 210,000[D]	500,000$_a$[E] 1,000,000$_a$[F] 6,200[G]	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Dibutyl Phthalate (DBP)	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	500,000$_a$[E] 1,000,000$_a$[F] 8,100[G]	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Dichlorobenzidine, 3,3'-	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Dichlorophenol, 2,4-	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	500,000$_a$[E] 1,000,000$_a$[F] 400[G]	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Diethyl Phthalate	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	500,000$_a$[E] 1,000,000$_a$[F] 7,100[G]	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Dimethyl Phthalate	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	500,000$_a$[E] 1,000,000$_a$[F] 27,000[G]	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Dimethylphenol, 2,4-	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Dinitro-o-cresol, 4,6-	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	n/v	-	-	-	-	700 U	680 U	710 U	780 U	700 U	680 U	-	800 U
Dinitrophenol, 2,4-	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	500,000$_a$[E] 1,000,000$_a$[F] 200[G]	-	-	-	-	700 U	680 U	710 U	780 U	700 U	680 U	-	800 U
Dinitrotoluene, 2,4-	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Dinitrotoluene, 2,6-	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	500,000$_a$[E] 1,000,000$_a$[F] 1,000/170$_{b,s1}$[G]	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Di-n-Octyl phthalate	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	500,000$_a$[E] 1,000,000$_a$[F] 120,000[G]	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Fluoranthene	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Fluorene	µg/kg	30,000[A] 500,000$_c$[B] 1,000,000$_d$[C] 386,000[D]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Hexachlorobenzene	µg/kg	330$_m$[A] 6,000[B] 12,000[C] 3,200[D]	500,000$_a$[E] 1,000,000$_a$[F] 1,400[G]	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Hexachlorocyclopentadiene	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	500,000$_a$[E] 1,000,000$_a$[F]	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Hexachloroethane	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Indeno(1,2,3-cd)pyrene	µg/kg	500$_h$[A] 5,600[B] 11,000[C] 8,200[D]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Isophorone	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	500,000$_a$[E] 1,000,000$_a$[F] 4,400[G]	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Methylnaphthalene, 2-	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	500,000$_a$[E] 1,000,000$_a$[F] 36,400[G]	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Naphthalene	µg/kg	12,000[AD] 500,000$_c$[B] 1,000,000$_d$[C]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Nitroaniline, 2-	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	500,000$_a$[E] 1,000,000$_a$[F] 400[G]	-	-	-	-	700 U	680 U	710 U	780 U	700 U	680 U	-	800 U
Nitroaniline, 3-	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	500,000$_a$[E] 1,000,000$_a$[F] 500[G]	-	-	-	-	700 U	680 U	710 U	780 U	700 U	680 U	-	800 U
Nitroaniline, 4-	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	n/v	-	-	-	-	700 U	680 U	710 U	780 U	700 U	680 U	-	800 U
Nitrobenzene	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	69,000[E] 140,000[F] 170$_b$[G]	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Nitrophenol, 2-	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	500,000$_a$[E] 1,000,000$_a$[F] 300[G]	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Nitrophenol, 4-	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	500,000$_a$[E] 1,000,000$_a$[F] 100[G]	-	-	-	-	700 U	680 U	710 U	780 U	700 U	680 U	-	800 U
N-Nitrosodi-n-Propylamine	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
n-Nitrosodiphenylamine	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	500,000$_a$[E] 1,000,000$_a$[F]	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Pentachlorophenol	µg/kg	800$_a$[A] 6,700[B] 55,000[C] 800[D]	n/v	-	-	-	-	700 U	680 U	710 U	780 U	700 U	680 U	-	800 U
Phenanthrene	µg/kg	100,000[A] 500,000$_c$[B] 1,000,000$_d$[CD]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Phenol	µg/kg	330$_m$[A] 500,000$_c$[B] 1,000,000$_d$[C] 330[D]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Pyrene	µg/kg	100,000[A] 500,000$_c$[B] 1,000,000$_d$[CD]	n/v	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Trichlorophenol, 2,4,5-	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	500,000$_a$[E] 1,000,000$_a$[F] 100[G]	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Trichlorophenol, 2,4,6-	µg/kg	100,000$_a$[A] 500,000$_c$[B] 1,000,000$_d$[CD]	500,000$_a$[E] 1,000,000$_a$[F]	-	-	-	-	360 U	350 U	360 U	400 U	360 U	350 U	-	410 U
Total SVOC	µg/kg	n/v	n/v	-	-	-	-	ND	ND	ND	ND	ND	ND	-	ND
SVOC - Tentatively Identified Compounds															
Total SVOC TICs	µg/kg	n/v	n/v	-	-	-	-	-	-	-	800 JN	340 JN	-	-	350 JN

See notes on last page.

Table 1
Summary of Analytical Results for RI Soil Samples
IRMWP#4
820 Linden Ave Site, BCP #C828200
820 Linden Avenue, Pittsford, NY

Sample Location				SS-4b		SS-4c		TP-1a	TP-2a	TP-4	TP-5a	TP-6	TP-7	TP-8a	TP-8c
Sample Date				30-Jul-18	30-Jul-18	30-Jul-18	30-Jul-18	16-Aug-18	16-Aug-18	17-Aug-18	17-Aug-18	17-Aug-18	16-Aug-18	17-Aug-18	17-Aug-18
Sample ID				LIN-SS4b-t-s	LIN-SS4b-b-s	LIN-SS4c-t-s	LIN-SS4c-b-s	LIN-TP1-S	LIN-TP2a-s	LIN-TP4-s	LIN-TP5a-s	LIN-TP6-s	LIN-TP7-S	LIN-TP8a-s	LIN-TP8c-s
Sample Depth				0 - 2 in	2 - 12 in	0 - 2 in	2 - 12 in	3 ft	2.5 ft	3.5 ft	3 - 3.5 ft	2 ft	6 ft	2.4 ft	1 ft
Sampling Company				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
Laboratory Work Order				460-161576-1	460-161576-1	460-161576-1	460-161576-1	460-162801-1	460-162801-1	460-162801-1	460-162801-1	460-162801-1	460-162801-1	460-162801-1	460-162801-1
Laboratory Sample ID				460-161576-13	460-161576-14	460-161576-15	460-161576-16	460-162801-2	460-162872-1	460-162872-3	460-162872-2	460-162872-4	460-162801-3	460-162872-5	460-162872-6
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51												
Volatile Organic Compounds															
Acetone	µg/kg	50[AD] 500,000[B] 1,000,000[C]	n/v	5.5 U	5.2 U	7.7	5.0 U	4.9 U	4.6 U	5.5 U	5.2 U	4.7 U	4.7 U	5.6 U	5.5 U
Benzene	µg/kg	60[AD] 44,000[B] 89,000[C]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Bromodichloromethane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.0 U	1.1 U	7.1	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Bromoform (Tribromomethane)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 UJ	1.0 U	0.94 UJ	0.95 U	1.1 UJ	1.1 UJ
Bromomethane (Methyl bromide)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Butylbenzene, n-	µg/kg	12,000[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11,000[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Butylbenzene, tert-	µg/kg	5,900[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Carbon Disulfide	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 2,700[G]	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760[AD] 22,000[B] 44,000[C]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Chlorobenzene (Monochlorobenzene)	µg/kg	1,100[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Chloroethane (Ethyl Chloride)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 1,900[G]	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Chloroform (Trichloromethane)	µg/kg	370[AD] 350,000[B] 700,000[C]	n/v	1.1 U	1.0 U	1.1 U	23	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Chloromethane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Cyclohexane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Dibromochloromethane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	1.1 U	1.0 U	1.1 U	1.9	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Dichlorobenzene, 1,2-	µg/kg	1,100[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Dichlorobenzene, 1,3-	µg/kg	2,400[AD] 280,000[B] 560,000[C]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Dichlorobenzene, 1,4-	µg/kg	1,800[AD] 130,000[B] 250,000[C]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Dichlorodifluoromethane (Freon 12)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Dichloroethane, 1,1-	µg/kg	270[AD] 240,000[B] 480,000[C]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Dichloroethane, 1,2-	µg/kg	20[m][A] 30,000[B] 60,000[C] 20[D]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Dichloroethene, 1,1-	µg/kg	330[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Dichloroethene, cis-1,2-	µg/kg	250[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Dichloroethene, trans-1,2-	µg/kg	190[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Dichloropropane, 1,2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Dichloropropene, cis-1,3-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Dichloropropene, trans-1,3-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Ethylbenzene	µg/kg	1,000[AD] 390,000[B] 780,000[C]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.5 U	5.2 U	5.7 U	5.0 U	4.9 U	4.6 U	5.5 U	5.2 U	4.7 U	4.7 U	5.6 U	5.5 U
Isopropylbenzene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 2,300[G]	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Isopropyltoluene, p- (Cymene)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 10,000[G]	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Methyl Acetate	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	5.5 U	5.2 U	5.7 U	5.0 U	4.9 U	4.6 U	5.5 U	5.2 U	4.7 U	4.7 U	5.6 U	5.5 U
Methyl Ethyl Ketone (MEK) (2-Butanone)	µg/kg	120[AD] 500,000[B] 1,000,000[C]	500,000[E] 1,000,000[F] 300[G]	5.5 U	5.2 U	5.7 U	5.0 U	4.9 U	4.6 U	5.5 U	5.2 U	4.7 U	4.7 U	5.6 U	5.5 U
Methyl Isobutyl Ketone (MIBK)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 1,000[G]	5.5 U	5.2 U	5.7 U	5.0 U	4.9 U	4.6 U	5.5 U	5.2 U	4.7 U	4.7 U	5.6 U	5.5 U
Methyl tert-butyl ether (MTBE)	µg/kg	930[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Methylcyclohexane	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Methylene Chloride (Dichloromethane)	µg/kg	50[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.3	4.1
Naphthalene	µg/kg	12,000[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Propylbenzene, n-	µg/kg	3,900[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Styrene	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F]	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Tetrachloroethane, 1,1,2,2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 600[G]	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Tetrachloroethene (PCE)	µg/kg	1,300[AD] 150,000[B] 300,000[C]	500,000[E] 1,000,000[F]	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Toluene	µg/kg	700[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Trichlorobenzene, 1,2,4-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 3,400[G]	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Trichloroethane, 1,1,1-	µg/kg	680[AD] 500,000[B] 1,000,000[C]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Trichloroethane, 1,1,2-	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Trichloroethene (TCE)	µg/kg	470[AD] 200,000[B] 400,000[C]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Trichlorofluoromethane (Freon 11)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Trichlorotrifluoroethane (Freon 113)	µg/kg	100,000[A] 500,000[B] 1,000,000[CD]	500,000[E] 1,000,000[F] 6,000[G]	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Trimethylbenzene, 1,2,4-	µg/kg	3,600[AD] 190,000[B] 380,000[C]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Trimethylbenzene, 1,3,5-	µg/kg	8,400[AD] 190,000[B] 380,000[C]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Vinyl Chloride	µg/kg	20[AD] 13,000[B] 27,000[C]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Xylene, m & p-	µg/kg	260[A] 500,000[c,B] 1,000,000[d,C] 1,600[D]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Xylene, o-	µg/kg	260[A] 500,000[c,B] 1,000,000[d,C] 1,600[D]	n/v	1.1 U	1.0 U	1.1 U	0.99 U	0.98 U	0.91 U	1.1 U	1.0 U	0.94 U	0.95 U	1.1 U	1.1 U
Xylenes, Total	µg/kg	260[A] 500,000[c,B] 1,000,000[d,C] 1,600[D]	n/v	2.2 U	2.1 U	2.3 U	2.0 U	2.0 U	1.8 U	2.2 U	2.1 U	1.9 U	1.9 U	2.2 U	2.2 U
Total VOC	µg/kg	n/v	n/v	ND	ND	7.7	32	ND	ND	ND	ND	ND	ND	1.3	4.1
VOC - Tentatively Identified Compounds															
Total VOC TICs	µg/kg	n/v	n/v	-	-	-	-	-	-	-	-	-	-	-	-

See notes on last page.

Table 1
Summary of Analytical Results for RI Soil Samples
IRMWP#4
820 Linden Ave Site, BCP #C828200
820 Linden Avenue, Pittsford, NY

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 - Commercial
C	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Human Health - Industrial
D	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
E	Table 1 Supplemental Soil Cleanup Objectives - Commercial
F	Table 1 Supplemental Soil Cleanup Objectives - Industrial
G	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
a EFG	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.
a	Based on rural background study
b	Based on rural background study. The value of 1.0 refers to SVOC analses while the 0.17b refers to VOC analyses.
b,s1	The SCOs for commercial use were capped at a maximum value of 500 mg/kg. See TSD Section 9.3.
c	The SCOs for commercial use were capped at a maximum value of 500 mg/kg. See TSD Section 9.3. The criterion is applicable to total xylenes, and the individual isomers should be added for comparison.
c,p	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.
CD d	The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 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,p	The SCOS for metals were capped at a maximum value of 10,000 mg/kg. 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. 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.
e,l	For constituents where the calculated SCO was lower than the CRQL, the CRQL is used as the SCO value.
f	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.
g	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.
i	This SCO is the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
j	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.
k	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.
m	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	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.
n,l	No SCO has been established for this compound. No SCO has been established for total chromium; however, see standards for trivalent and hexavalent chromium.
NS,q	Standard is applicable to total PCBs, and the individual Aroclors should be added for comparison.
o	The criterion is applicable to total xylenes, and the individual isomers should be added for comparison.
p	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-	Not detected.
ND	Indicates estimated non-detect.
UJ	Not reported (not representative)
R	Test America Laboratory
TAL	

Table 2
Summary of SRI#2 Soil Analytical Results
IRMWP#4
820 Linden Ave Site, BCP #C828200 820 Linden Avenue, Pittsford, NY

Sample Location				SS-4a	SS-4b		SS-4c
Sample Date				7-Apr-20	7-Apr-20	7-Apr-20	7-Apr-20
Sample ID				LIN-SS4a-t-S2	LIN-SS4b-t-S2	LIN-SS-DUP-S2	LIN-SS4c-t-S2
Sample Depth				0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				TALBU	TALBU	TALBU	TALBU
Laboratory Work Order				480-168313-1	480-168313-1	480-168313-1	480-168313-1
Laboratory Sample ID				480-168313-1	480-168313-2	480-168313-4	480-168313-3
Sample Type	Units	NYSDEC-Part 375	NYSDEC CP-51			Field Duplicate	
Semi-Volatile Organic Compounds							
Benzo(a)pyrene	µg/kg	$1{,}000_n^A$ $1{,}000_g^B$ $1{,}100^C$ $22{,}000^D$	n/v	**2,300^{ABC}**	**12,000^{ABC}**	**13,000^{ABC}**	**350,000^{ABCD}**
SVOC - Tentatively Identified Compounds							
Total SVOC TICs	µg/kg	n/v	n/v	38,140 TJN	126,900 TJN	126,000 TJN	1,188,000 TJN

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 - Commercial
C	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Human Health - Industrial
D	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Groundwater
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E	Table 1 Supplemental Soil Cleanup Objectives - Commercial
F	Table 1 Supplemental Soil Cleanup Objectives - Industrial
G	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.
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.
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.
T	Result is a tentatively identified compound (TIC) and an estimated value.
J	Indicates an Estimated Value for TICs.
N	Presumptive evidence of material.
TAL	Test America Laboratory

Table 3 - Proposed Schedule for 820 Linden Ave Site, BCP Site #828200
IRMWP#4
820 Linden Ave, Pittsford, Monroe County, NY

Task	Date(s)		2020										2021
			Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
IRM #2 (Septic Systems, Debris Pile) and IRM #4 (Surface Soil)													
Resubmission of IRMWP#2	4/14/2020			X									
NYSDEC Approval of IRMWP#2	5/22/2020				X								
IRM#2 Implementation*	6/15/2020	7/17/2020											
Submisstion of IRMWP#4	6/15/2020					X							
NYSDEC Review and Approval of IRMWP #4	6/15/2020	6/22/2020					X						
IRM#4 Implementation*	7/6/2020	7/14/2020											
Construction Completion Report (CCR) Preparation for IRMs #2 and #4	6/29/2020	7/31/2020											
Submission of CCR for IRMs #2 and #4	7/31/2020						X						
Submission of NYSDEC EDD for IRM#2 data	8/14/2020							X					
NYSDEC Review of CCR for IRMs #2 and #4	7/31/2020	9/14/2020											
Respond to Comments, Prepare & Submit Revised CCR for IRMs #2 and #4	9/14/2020	9/28/2020											
NYSDEC approval of CCR for IRMs #2 and #4	10/9/2020									X			
RIR													
NYSDEC Review of RIR	10/31/2019	5/14/2020											
Revise RIR per NYSDEC Comments and to incorporate SRI#2 and data from IRM #2	5/14/2020	8/31/2020											
NYSDEC approval of RIR	9/14/2020								X				
IRM #1 and #3 (SSDS)													
Submission of CCR for IRMs #1 and #3	4/23/2020			X									
NYSDEC review of CCR for IRMs #1 and #3	4/23/2020	6/8/2020											
Respond to Comments, Prepare & Submit Revised CCR for IRMs #1 & #3	6/8/2020	6/26/2020											
NYSDEC approval of CCR for IRMs #1 and #3	7/24/2020						X						
Environmental Easement (EE)													
Draft EE submission	6/30/2020					X							
NYSDEC Review of Draft EE	6/30/2020	8/14/2020											
Respond to Comments on the Draft EE	7/16/2020	8/14/2020											
Finall EE submission	8/14/2020								X				
EE approval by NYSDEC	10/1/2020									X			
Record Environmental Easement	10/15/2020									X			
Alternatives Analysis Report (AAR)													
Draft AAR submission	7/31/2020						X						
NYSDEC Review of Draft AAR	7/31/2020	9/14/2020											
Respond to Comments on the Draft AAR	9/14/2020	9/22/2020											
Final AAR Submission	9/22/2020								X				
AAR Approval by NYSDEC	10/12/2020									X			
Site Mgmt. Plan (SMP)													
Draft Site Management Plan (SMP) submission	7/31/2020						X						
NYSDEC Review of Draft SMP	7/31/2020	9/14/2020											
Respond to Comments on the Draft SMP	9/14/2020	9/22/2020											
Final SMP Submission	9/22/2020								X				
SMP Approval by NYSDEC	10/12/2020									X			

Table 3 - Proposed Schedule for 820 Linden Ave Site, BCP Site #828200
IRMWP#4
820 Linden Ave, Pittsford, Monroe County, NY

Task	Date(s)		2020										2021
			Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
Final Engineering Report (if needed)													
Draft FER submission	10/1/2020									X			
NYSDEC Review of Draft FER	10/1/2020	11/2/2020											
Respond to Comments on the Draft FER	11/2/2020	11/13/2020											
Final FER submission	11/13/2020										X		
Public Notice and Fact Sheet Distribution on FER	11/23/2020										X		
FER Approval by NYSDEC	12/28/2020											X	
COC issued	12/30/2020											X	
Public Notice and Fact Sheet Distribution on ICs/ECs	1/29/2020												X

*Field work will be conducted conducted on this schedule contingent upon receipt of DEC approval and on our ability to perform the work in compliance with any limitations set forth in federal, state, county or local executive orders, or directives imposed by Stantec's leadership, which may limit our ability to safely implement the sampling program.

= NYSDEC action item

= Based Approximately on NYSDEC Milestone calendar for Receipt of Certificate of Completion by December 31, 2020

X = Submission/Milestone