WORK PLAN
INTERIM REMEDIAL MEASURE #2

For the

FOCUSED EXCAVATION FOR THE REMOVAL AND INSTALLATION OF UTILITIES AND STORMWATER DETENTION SYSTEM

At

683 Northland Avenue Site
Buffalo, New York

PREPARED FOR:

NORDEL II, LLC
95 PERRY STREET
BUFFALO, NEW YORK 14203

PREPARED BY:

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690 DELAWARE AVENUE
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September 12, 2017

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1.0 INTRODUCTION

This Interim Remedial Measure (IRM) Work Plan (WP) has been prepared for NorDel II, LLC (NorDel) by LiRo Engineers Inc. (LiRo). The proposed IRM is being conducted under a New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Agreement between NYSDEC and NorDel. NorDel has retained LiRo to design and oversee the project Environmental Abatement and Cleanup of 683 Northland Avenue, Buffalo, New York 14211 (the Site) which is to be redeveloped as the Western New York Workforce Training Center and for future commercial/industrial tenants. The Site location is shown on Figure 1-1.

683 Northland Avenue is an over 235,000 square foot industrial structure constructed in phases between 1910 and 1981 along the south side of Northland Avenue (Figure 1-1). It is situated on an 8.35-acre parcel and is currently unoccupied. The property is a former industrial facility that utilized cutting oils, lube oils, grease, other petroleum products, and degreasing agents. Niagara Machine & Tool Works operated on the subject Site as early as 1917 until the 1990s. The facility was active as a facility for the storage of metal until 2015.

The property has been obtained by NorDel for the redevelopment into the Western New York Workforce Training Center in a cooperative effort with the City of Buffalo, the State of New York, and the New York Power Authority (NYPA). The facility includes a four (4)-story office area and a manufacturing/production floor that includes manufacturing bays with heavy and light overhead cranes, a shipping area, attached and detached storage areas, a foundry, and a boiler room. The facility is constructed at grade except for a subgrade bathroom facility and a subgrade manufacturing bay with removable supports and ceiling. The northern portion of the facility is slated to be used as the Workforce Training Center (starting in 2018) that will be focused on the needs of manufacturers to fill employment skills gaps among Western New York residents. This Workforce Training Center area includes the four (4)-story office area and the adjoining portion of the former manufacturing/production floor. The remainder of the building will be cleaned and prepared for future industrial/commercial tenants.

Parking areas for the facility are located on the east and west sides of the building. Because the building utilities (including storm sewer, sanitary sewer, electric, natural gas, and water) are either obsolete or do not conform to current codes, new utilities are being installed in the building and in the western parking area. Figure 1-2 shows the layout of the Site.

1.1 Environmental Background and IRM Objectives

The Site was accepted into the NYSDEC Brownfield Cleanup Program in 2017. Remedial Investigation sampling and historical sampling have shown that Site soil has been impacted with semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), and metals.

LiRo previously submitted an IRM Work Plan to address removal of contaminated flooring, industrial pit residuals, and other hazardous materials that were present within (or immediately adjacent to in the case of fuel oil underground storage tanks [USTs]) the building. This second IRM is being conducted in conjunction with the new building utilities work to address the removal of contaminated soil for the installation of utilities.

1.2 Previous Studies and Reports

The Site is the subject of previous environmental studies, reports, and designs used in the preparation of this IRM work plan. The documents used are:

1. *"Phase I Environmental Assessment Report"*, Fisher Associates, January 2015;
2. *"Phase II Environmental Site Assessment"*, Fisher Associates, September 2015;
3. *"Supplemental Phase II Environmental Site Assessment"*, Fisher Associates, January 2016;
4. *"Remedial Investigation Work Plan"*, LiRo Engineers, Inc., December 2016; and,
5. Excerpts from the Remedial Investigation Report/Remedial Alternatives Analysis which is currently being prepared by LiRo.

The relevant findings of these studies are found in the following sections.

1.2.2 Phase I Environmental Assessment

Fisher Associates (Fisher) completed the Phase I Environmental Assessment Report (Phase I) in 2015 and identified numerous recognized environmental conditions (RECs) and environmental conditions that are of concern at 683 Northland Avenue including: oil-impacted wooden block floors; the presence of aboveground storage tanks (ASTs and USTs; numerous drums stored on-site; hydraulic lifts; potentially impacted pits and sumps; debris piles; transformers/electrical switch gear; lead-based paint (LBP); asbestos; and, mold.

The Phase I also noted that there was an on-site rail spur, transformers, and electrical switch gear. Suspect LBP, asbestos-containing materials (ACM), and mold were identified throughout the buildings. The Environmental Data Resources, Inc. (EDR) report, summarized in the Phase I, identified the following USTs/ASTs as being registered by the owner of 683 Northland Avenue; however, the ownership was common to 631 Northland Avenue at the time the tanks were registered. The registered tanks include nine (9) USTs and three (3) ASTs including: three (3) 23,380-gallon #6 fuel oil, two (2) temporarily out of service, one (1) in service; one (1) 10,000-gallon "other" closed in 1991; two (2) 1,000-gallon gasoline closed/removed; one (1) 1,000-gallon diesel closed/removed; and, two (2) 1,800-gallon other converted to non-regulated use.

The Phase I report indicated that a 2005 Phase II Investigation completed by Leader Professional Services, Inc. (Leader) identified exceedances of applicable NYSDEC recommended soil cleanup objectives (SCOs) (presumably Technical and Administrative Guidance Memorandum (TAGM) 4046 criteria) were detected in subsurface samples and pit water samples. Based on the Phase I findings, Fisher conducted the Phase II environmental assessment which included subsurface soil sampling and an extensive pit sampling program at 683 Northland Avenue.

1.2.3 Phase II and Supplemental Environmental Assessments

Fisher conducted sampling for their initial Phase II Environmental Assessment (Phase II) in May/June 2015 and sampling for the supplemental Phase II in November 2015. The Phase II included assessment of several other buildings that were in the project corridor.

Soil Sampling

Fisher advanced a total of 15 soil borings at 683 Northland Avenue with 11 borings in building interior areas and four (4) in the exterior area west of the buildings. All borings were screened for potential contamination. The Phase II soil samples were analyzed for volatile organic compounds (VOCs), SVOCs, Resource Conservation and Recovery Act (RCRA) Metals, and PCBs. No VOCs were detected in the soil samples at concentrations above NYSDEC Part 375, Restricted Use Soil Cleanup Objectives – Commercial (CSCO). Analyte concentrations greater than CSCOs were reported beneath the building floor slab and in the western parking lot area borings SB-09 and SB-19.

1.2.5 Preliminary Site Remedial Investigation Results

LiRo is in the process of completing the Remedial Investigation (RI) report for the Site. The investigation work was completed in two phases with the second phase being completed to collect delineation samples for a contaminated portion of the western parking area and to collect samples from an expanded western limit of the brownfield site boundary. Tables summarizing the results of soil sampling completed for the RI to date are provided in Appendix A and locations where the CSCOs are exceeded are shown on Figures 1-3 through 1-5. The findings of the investigation are summarized below.

No VOCs were found at concentrations exceeding the CSCOs or Unrestricted Use SCOs.

Laboratory analytical results indicate that six (6) SVOC compounds were found in exceedance of the CSCOs including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, dibenz(a,h) anthracene, and indeno(1,2,3-c,d)pyrene. Figure 1-3 identifies the locations and depths where SVOC samples were collected and provides the concentrations of SVOCs exceeding the CSCOs.

Laboratory analytical results indicate that three (3) PCB compounds were found in exceedance of the CSCOs including Aroclor-1242, Aroclor-1254, and Aroclor-1260. Figure 1-4 identifies the locations and depths where PCB samples were collected and provides the concentrations of PCBs exceeding the CSCOs.

Laboratory analytical results indicate that five (5) metals were found in exceedance of the CSCOs including arsenic, barium, copper, lead, and manganese. Figure 1-5 identifies the locations and depths where metals samples were collected and provides the concentrations of metals exceeding the CSCOs.

1.3 Environmental Setting

The approximately 8.35-acre, 683 Northland Avenue property is zoned for manufacturing. The property is comprised of former manufacturing structures encompassing approximately 5.4 acres (235,000 square feet (sf)). The area is flat and is mostly paved.

The Site elevation ranges from approximately 640 to 645 feet above mean sea level (amsl). The Site is surrounded by railroad tracks to the south, parking lots to the north across Northland Avenue, a commercial facility to the east, and an inactive industrial facility to the west.

Surface water runoff is contained by building roof drains or parking drainage inlets which are connected to the City of Buffalo sewer system. Potable water is provided by the City of Buffalo. No sensitive ecological receptors such as wetlands have been identified adjacent to or near the Site. There is a residential area a short distance (approximately 180 feet to the nearest residence) to the north of the Site.

The Site is located in the Erie-Ontario Lowlands physiographic province of New York State. Low Plains with little relief characterize the province with glacial deposition and shoreline deposits having modified topography. Erie County was buried by glacial ice and during subsequent retreats, glacially eroded soil and bedrock material were redeposited as a mixture of unconsolidated sediments across Erie County.

Site overburden was found to contain fill material across the Site from the ground surface to depths of 2 to 14 feet below ground surface. Fill material was described as a fine to coarse sand, silt, clay, and gravel. Native soil, where present, typically consists of brown silty clay. Limestone bedrock was encountered at depths ranging from 2 feet to 14 feet below ground surface. Groundwater was observed in bedrock at depths ranging from approximately 9 feet to 12 feet below ground surface at the Site.

1.4 IRM Summary of Constituents of Concerns

The constituents of concern for this IRM are SVOCs, PCBs, and metals.

2.0 INTERIM REMEDIAL MEASURE

A general description of the IRM is the focus on excavation for the removal and installation of utilities and a stormwater detention system. In addition, an out-of-service steam line chase (with ACM) which crosses the western parking area from east to west is to be removed/demolished in support of the utilities work. The locations of these utilities and features are shown on Figure 1-6. In addition to the exterior utilities shown on Figure 1-6, building interior sub-slab utility work will result in relatively small amounts of soil removal.

2.1 IRM Cleanup Objectives

The cleanup objective of this IRM is to remove or mitigate soils which are known to be contaminated or are potentially contaminated in the utilities work areas. In general, the IRM activities are to be conducted in the areas where subsurface utilities are either being removed or replaced or installed (Figure 1-6). The results of area-wide soil/groundwater sampling from the RI will be used to develop additional plans to remediate the portions of the Site which are not addressed under this IRM.

2.2 IRM Standards, Criteria and Guidance (SCGs)

The standards, criteria, and guidance (SCG) to be applied for the IRM are listed on the following table:

Item Description	Parameter	Criteria
Soils	SVOCs, PCBs, Metals	NYSDEC Part 375 SCOs

2.3 IRM Activities

The work to be performed during this IRM includes the excavation, management, testing, transport, and disposal of contaminated soil from the removal and installation of utilities (including the out-of-service steam line chase) and a stormwater detention system. A breakdown of the work to be performed is as follows.

1) Excavation, screening, and segregation of contaminated soils
2) Characterization of contaminated soils
3) Removal and transport of excavated soils to a permitted landfill or disposal facility;
4) Abatement and removal of the steam chase structure;
5) All necessary incidental services not specifically noted but which are required for completion of the specified work; and,
6) Environmental reporting.
    a) Proof of qualification credentials;
    b) Copies of transport manifests;
    c) Contaminated soil field report;
    d) Logs, reports, and record keeping; and,
    e) Bills of ladings, Certified Weight Tickets.

The excavated areas will generally be limited to the extent needed to install or remove utilities. The typical excavation dimensions for utility lines will be 4 to 6 feet wide by 4 to 7 feet deep. The storm water detention excavation will be approximately 160 ft by 80 ft in area and will be excavated to bedrock (typical depth of 9 to 10 feet). An estimated 5,500 cubic yards of soil will be removed for the

utility excavation work. The planned western parking lot utility excavation areas are shown on Figure 1-6.

During the excavation work, a LiRo environmental scientist will provide oversight and soil screening. It is anticipated that soil will be segregated into three separate stockpiles. Within the PCB Soil Management Area shown on Figure 1-6, soil is known to be contaminated with PCBs at concentrations less than 50 ppm. Soil excavated from this portion of the site will be segregated and staged (or direct loaded for off-site disposal) separately from the other utility excavation soil. In other portions of the site (i.e., outside of the PCB soil management area), soil will be screened for visual, olfactory, or PID evidence of contamination. Soil showing evidence of contamination based on screening will be segregated and stockpiled separately from soil showing no evidence of contamination.

Field instruments will be calibrated using the calibration procedures specified in the equipment manuals.

Prior to utility installation/backfilling, documentation soil samples will be collected from the sidewalls and bottom of each excavation. No bottom samples will be collected in areas where the excavations are completed at bedrock. Based on the RI results, contaminants of concern at the Site are PCBs, PAHs and metals Arsenic, Barium, Copper, Manganese and Lead. In conjunction with the re-development work, the entire western parking lot area is to be covered with pavement or clean soil. Because the Site is to be covered, it is likely that soil with contaminant levels greater than commercial SCOs will remain after the excavation work is completed, therefore, a sidewall sampling frequency of one set of samples (from each of two sidewalls) for every 50 linear feet of utility excavation. Likewise, bottom samples will be collected at a frequency of one sample per 2,500 square feet of bottom area. For smaller excavations, a minimum of one set (sidewalls and bottom) of documentation samples will be collected.

Documentation samples will be biased to excavation sidewall and bottom areas that exhibit the greatest indicators of contamination. If no clearly identifiable contamination is observed within the PCB Soil Management Area, shallow (0 to 4 feet) and deep (4 feet to bottom of excavation) sidewall samples will be collected. Outside of the PCB Soil Management Area and absent any identifiable contamination, sidewall samples will be collected near the bottom of the excavations.

Prior to utility installation, the documentation sample results will be provided to NYSDEC and reviewed to ensure that the new utilities are not impacted by potential future remedial excavations. The final excavation limits will be identified by placing a demarcation layer (i.e., snow fencing, geotextile or other readily identifiable material) along the excavation sidewalls and bottom. For excavations completed to bedrock, no bottom barrier will be required.

All soil staging area(s) will be constructed to prevent the spread of any contamination to surrounding uncontaminated soils, surfaces, and/or groundwater. The staging area(s) will have bermed sides and be lined with a minimum 20 mil high-density polyethylene (HDPE) watertight liner. Within the bermed area, there will be a sump or similar feature to allow the removal of any liquids that may accumulate with the staging area. Staged materials will be covered with a minimum 20 mil HDPE cover to prevent contaminated runoff, wind blowing, or dust generation.

Soil from each stockpile will be characterized using the testing frequency specified in Table 5.4(e)10 of NYSDEC DER-10. Once characterized, the staged soils will be removed and transported to a disposal facility permitted to receive the waste.

The utility excavations will be backfilled with environmentally clean backfill materials meeting the requirements of 6NYCRR Part 375-6.7(d) for commercial use. Stone utility bedding from native quarried material will not be tested for chemical analysis; however, the source of the material will be submitted to NYSDEC prior to use at the Site along with gradation profiles.

The work shall include, but not necessarily be limited to, the excavation, handling, and disposal of contaminated fill/wastes and soils at the Site. All excavated soil and fill excavated from within the PCB Soil Management Area shall be considered, at minimum, non-hazardous contaminated soil and disposed of off-site as PCB remediation waste at a permitted landfill or disposal facility. Soil from other portions of the Site will be characterized as described above and disposed of at a facility permitted to receive the waste.

2.4 Project Monitoring

A LiRo Engineer or Scientist will be on-site on a full-time basis to document the IRM activities and to provide any required air monitoring and soil sampling. Documentation will include at a minimum, daily reports of IRM activities, air monitoring results, photographs, and sketches. In addition, the horizontal and vertical extent of all excavations must be surveyed to document the extent of remedial excavation. These extents will be shown on a figure that is stamped by a professional engineer licensed to practice in New York State.

Standard daily reporting procedures will include preparation of a daily report, and when appropriate, problem identification and corrective measures report. Information that may be included on the daily report form includes:

- Approximate sampling locations (sketches) and sample designations.
- Processes and locations of activities under way.
- Equipment and personnel working in the area, including subcontractors.
- Approximate volume and description of materials removed (i.e., hazardous and non-hazardous materials soil).
- Number and type of truckloads of materials removed from the Site.

The completed reports will be submitted to the NYSDEC as part of the IRM Closure Report. Photo documentation of the IRM activities will be prepared by the Engineer or Scientist throughout the duration of the project as necessary to convey typical work activities and whenever changed conditions or unexpected circumstances are encountered. LiRo will provide IRM oversight to evaluate the on-going adequacy of the IRM to ensure that all activities are conducted in accordance with the IRM Work Plan.

2.5 Health and Safety

Temporary controls will be employed for protection against off-site migration of soil and safety hazards during the IRM. The work will be performed by workers who are trained and certified as required for specific tasks. The subsurface soil abatement/soil remediation Contractor shall be required to develop a written Health and Safety Plan (HASP) that will comply with all applicable federal and state regulations protecting human health and the environment from the hazards posed by activities during this Site remediation. The Contractor's HASP will be provided following selection of a Contractor and prior to initiating any work.

2.5.1 Community Air Monitoring Plan

Real-time community air monitoring will be performed during soil excavation activities at the Site. Community air monitoring will be performed in accordance with "New York State Department of Health Generic Community Air Monitoring Plan," dated June 20, 2000 (included as Appendix 3 to this Work Plan). Particulate and VOC monitoring will be performed along the upwind and downward perimeter of the work area during subgrade excavation and soil handling activities in accordance with this plan.

2.5.2 Soil Vapor Monitoring

During subsurface soil excavation, LiRo's Environmental Technician will perform real time soil vapor monitoring using a PID. VOCs will be monitored upwind and downwind at the perimeter of the work area during all ground intrusive activities. If total organic vapor levels at the perimeter downwind location exceed the perimeter upwind location by 5 parts per million (ppm), a Vapor Emission Response Plan will be implemented. A sample Vapor Emissions Response Plan, which includes dust suppression techniques, is included as Appendix 4 to this Work Plan.

2.5.2 Particulate Monitoring

Particulates will be monitored upwind and downwind at points 25 feet from the perimeter of the work area every 15 minutes during the soil excavation and soil load-out activities. If the difference between the measured upwind and downwind concentrations is greater than or equal to 100 ug/m3 all work activities must be stopped and dust suppression methods employed. Work may resume only after the measured upwind/downwind difference has been reduced to less than 100 ug/m3.

2.6 Quality Assurance Project Plan

All analytical testing will be performed by a laboratory that is a participant in the NYSDOH Environmental Laboratory Accreditation Program. Any soil sampling performed by LiRo for the subsurface soil excavation work will follow the QAPP submitted in the "Remedial Investigation Work Plan" submitted by LiRo and approved by NYSDEC on December 22, 2016.

2.7 IRM Schedule

Key milestones of the IRM schedule are detailed below:

- Mobilization – October, 2017
- On-site IRM Work - October, 2017 thru December, 2017
- IRM Closure Report – February, 2018

3.0 IRM REPORTING

3.1 Monitoring

The project work will be monitored by Construction Manager (CM) retained by the owner to oversee and act as their representative for the project. The CM is responsible for conformance with projected plans and specifications, work plans and other documents defining the work to be completed on the project.

The Construction Manager will be assisted by:

- Environmental Technicians to implement the Community Air Monitoring Program, verify classification of materials, collect soil, waste and water samples as needed.
- Construction Inspector to perform field inspections required by the contract documents.

The CM will be responsible that all daily, weekly and monthly reports and other documents required by the contract area produced and distributed as required.

3.2 IRM Closure Report

Details of completion of IRM activities will be documented in an IRM Closure Report submitted to the NYSDEC. The results of all sampling and analysis will be presented. The Report will present a detailed summary of Site physical conditions, chemical conditions and potential risks to human health or the environment. The IRM Report will be stamped by a Professional Engineer and will include (at a minimum):

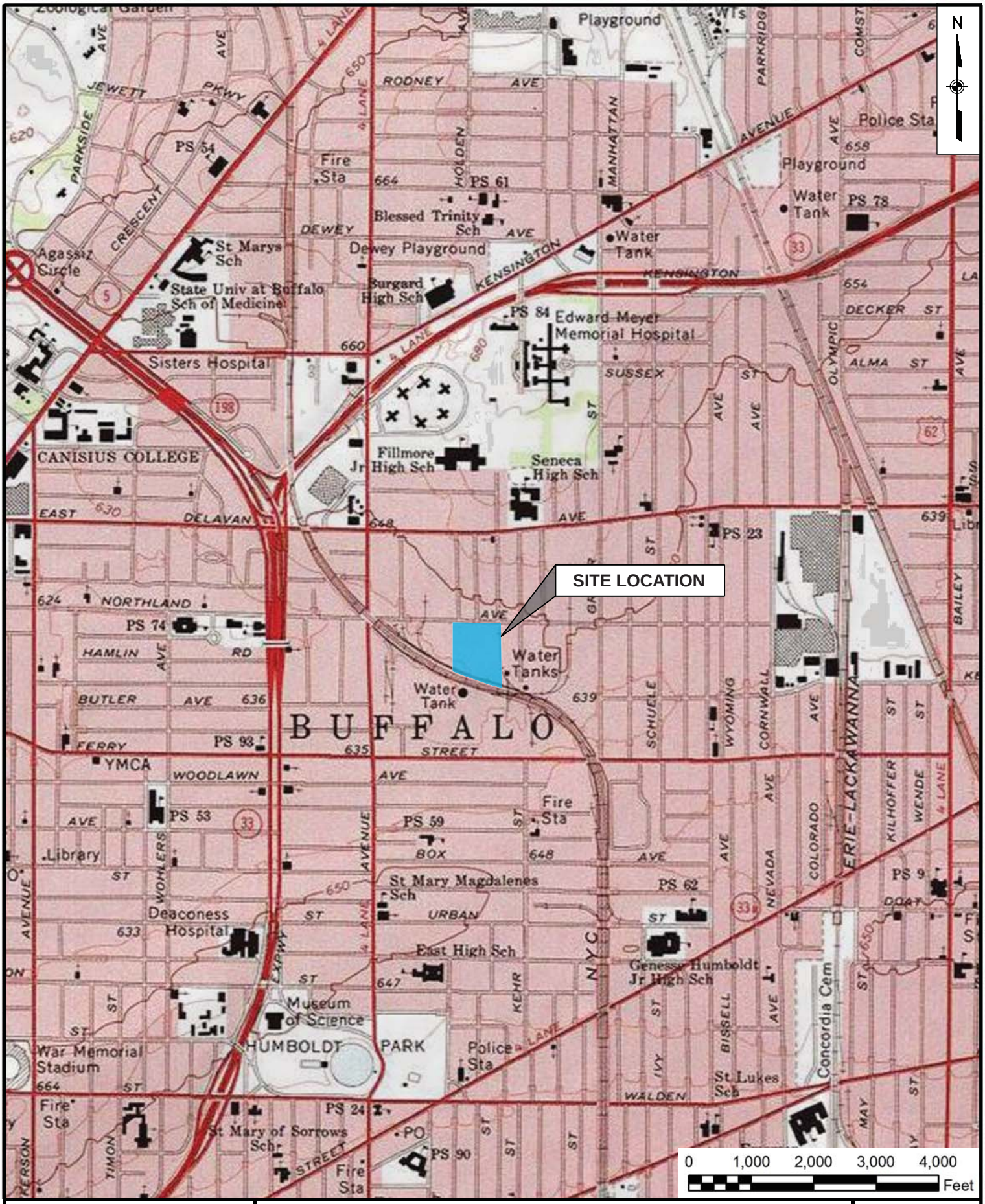
- Text describing the IRM activities performed; a description of any deviations from the IRMWP and associated corrective measures taken; and other pertinent information necessary to document that Site activities were carried out in accordance with this IRM Work Plan.
- A Site map showing the sampling locations with sample identification; and significant Site features.
- Tabular quantity summaries of: volume of materials removed.
- Documentation on the disposition of material removed from the Site.
- Tabular comparison of soil sampling and disposal characterization analytical results to disposal criteria, respectively.
- Tabular comparison of confirmation analytical results to SCO s.
- Copies of daily inspection reports and, if applicable, problem.

3.3 Site Management Plan

A Site Management Plan (SMP) will be prepared by LiRo after completion of the Remedial Investigation and Site-wide remedial actions.

4.0 PROFESSIONAL ENGINEER SIGNATURE

I, Martin Wesolowski, certify that I am currently a NYS registered Professional Engineer and that this Interim Remedial Action Work Plan was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).



LiRo-Engineers, Inc.
690 Delaware Ave.
Buffalo, New York

683 NORTHLAND AVENUE
INTERIM REMEDIAL MEASURE #2
TOPOGRAPHIC SITE LOCATION MAP

FIGURE NO.

1-1

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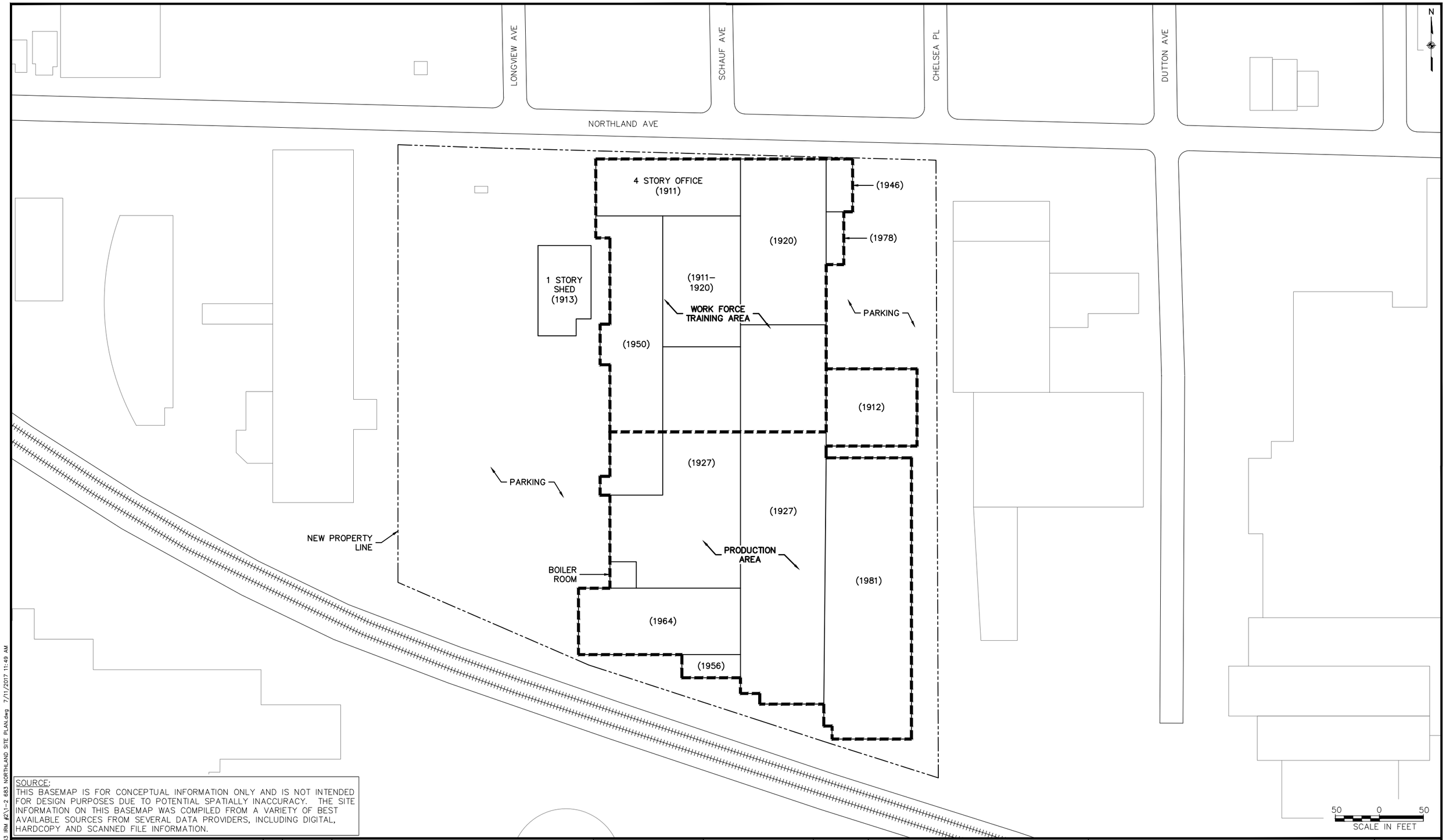

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NO.	DATE	DESCRIPTION
		REVISIONS

LiRo Engineers, Inc.
690 Delaware Avenue
Buffalo, New York

PROJ. ENG.:	CLIENT:	JOB TITLE AND LOCATION:	LIRO JOB NO.:
DESIGNED BY:	NORDEL II, LLC	683 NORTHLAND AVENUE INTERIM REMEDIAL MEASURE #2	15–029–1054
CHECKED BY:			SHEET OF 2 6
DRAWN BY: A.M.K.	DATE: JULY 2017	DRAWING TITLE: SITE DEVELOPMENT PLAN	FIGURE NO. 1-2
	SCALE: AS SHOWN		

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LW-04		2/15/2017	
SVOCs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Benzo(A)Anthrocene	0-4.1	13	5.6
Benzo(A)Pyrene	0-4.1	12	1
Dibenz(A,H)Anthracene	0-4.1	1.8	0.56
Indeno(1,2,3-C,D)Pyrene	0-4.1	8.4	5.6

LB-19		2/13/2017	
SVOCs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Benzo(A)Pyrene	0-5.4	1.5	1

LW-01		2/16/2017	
SVOCs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Benzo(A)Pyrene	0-4	1.4	1
Benzo(A)Pyrene	10.2	1.6	1

LB-03		2/10/2017	
SVOCs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Dibenz(A,H)Anthracene	0-4	1	0.56

LB-09		2/9/2017	
SVOCs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Benzo(A)Pyrene	0-4	4.6	1
Benzo(B)Flouranthene	0-4	5.8	5.6
Benzo(A)Pyrene	4-10.7	1.5	1

LB-12		2/9/2017	
SVOCs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Benzo(A)Anthrocene	0-4	8	5.6
Benzo(A)Pyrene	0-4	5.8	1
Benzo(B)Flouranthene	0-4	7.3	5.6

LB-29		2/10/2017	
SVOCs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Benzo(A)Pyrene	0-4	2.1	1

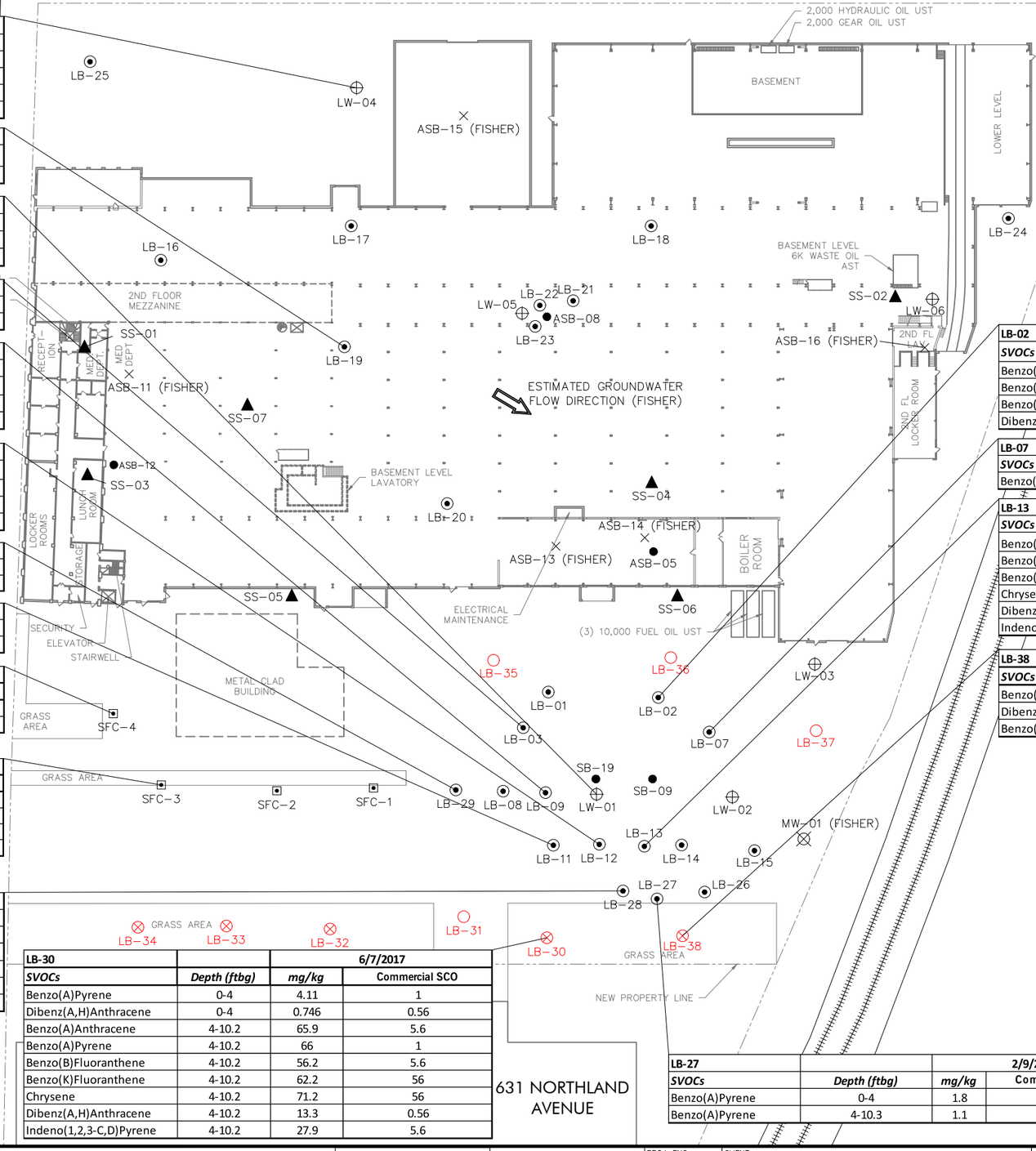
LB-11		2/9/2017	
SVOCs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Benzo(A)Pyrene	9-Apr	1.2	1

SFC-4		6/7/2017	
SVOCs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Benzo(A)Pyrene	NA	5.01	1
Dibenz(A,H)Anthracene	NA	1.07	0.56

SFC-3		6/7/2017	
SVOCs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Benzo(A)Anthracene	NA	10.7	5.6
Benzo(A)Pyrene	NA	9.55	1
Benzo(B)Fluoranthene	NA	7.41	5.6
Dibenz(A,H)Anthracene	NA	1.89	0.56

LB-28		2/9/2017	
SVOCs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Benzo(A)Anthrocene	0-4	30	5.6
Benzo(A)Pyrene	0-4	26	1
Benzo(B)Flouranthene	0-4	33	5.6
Dibenz(A,H)Anthracene	0-4	3.9	0.56
Indeno(1,2,3-C,D)Pyrene	0-4	15	5.6

NOTE:
FLOOR PLANS DERIVED FROM HISTORICAL DRAWINGS AND FIELD OBSERVATIONS OF CURRENT CONDITIONS. THE FLOOR PLANS ARE PROVIDED FOR PLANNING PURPOSES. INTERIOR WALLS AND PARTITIONS WERE NOT SURVEYED AND LOCATIONS ARE APPROXIMATED BASED ON FIELD MEASUREMENTS.



LB-02		2/9/2017	
SVOCs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Benzo(A)Anthrocene	4-9.2	6.8	5.6
Benzo(A)Pyrene	4-9.2	4.7	1
Benzo(B)Flouranthene	4-9.2	6.1	5.6
Dibenz(A,H)Anthracene	4-9.2	0.89	0.56

LB-07		2/9/2017	
SVOCs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Benzo(A)Pyrene	0-4	1.2	1

LB-13		2/9/2017	
SVOCs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Benzo(A)Anthrocene	0-4	130	5.6
Benzo(A)Pyrene	0-4	110	1
Benzo(B)Flouranthene	0-4	120	5.6
Chrysene	0-4	120	56
Dibenz(A,H)Anthracene	0-4	21	0.56
Indeno(1,2,3-C,D)Pyrene	0-4	51	5.6

LB-38		6/7/2017	
SVOCs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Benzo(A)Pyrene	0-4	2.73	1
Dibenz(A,H)Anthracene	0-4	0.709	0.56
Benzo(A)Pyrene	4-8.7	1.71	1

LB-30		6/7/2017	
SVOCs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Benzo(A)Pyrene	0-4	4.11	1
Dibenz(A,H)Anthracene	0-4	0.746	0.56
Benzo(A)Anthracene	4-10.2	65.9	5.6
Benzo(A)Pyrene	4-10.2	66	1
Benzo(B)Fluoranthene	4-10.2	56.2	5.6
Benzo(K)Fluoranthene	4-10.2	62.2	56
Chrysene	4-10.2	71.2	56
Dibenz(A,H)Anthracene	4-10.2	13.3	0.56
Indeno(1,2,3-C,D)Pyrene	4-10.2	27.9	5.6

631 NORTHLAND AVENUE

LB-27		2/9/2017	
SVOCs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Benzo(A)Pyrene	0-4	1.8	1
Benzo(A)Pyrene	4-10.3	1.1	1

LEGEND:

- SAMPLE LOCATION WHERE PHASE II INVESTIGATION CONTAMINANTS WERE FOUND > PART 375 COMMERCIAL SCO'S
- MONITORING WELL
- BORING
- SUB-SURFACE VAPOR POINT
- SURFACE SOIL SAMPLE
- PREVIOUS CLEAN BORING
- PREVIOUS CLEAN MW
- ADDITIONAL PCB DELINEATION BORINGS
- EXPANDED PROPERTY SITE INVESTIGATION BORINGS

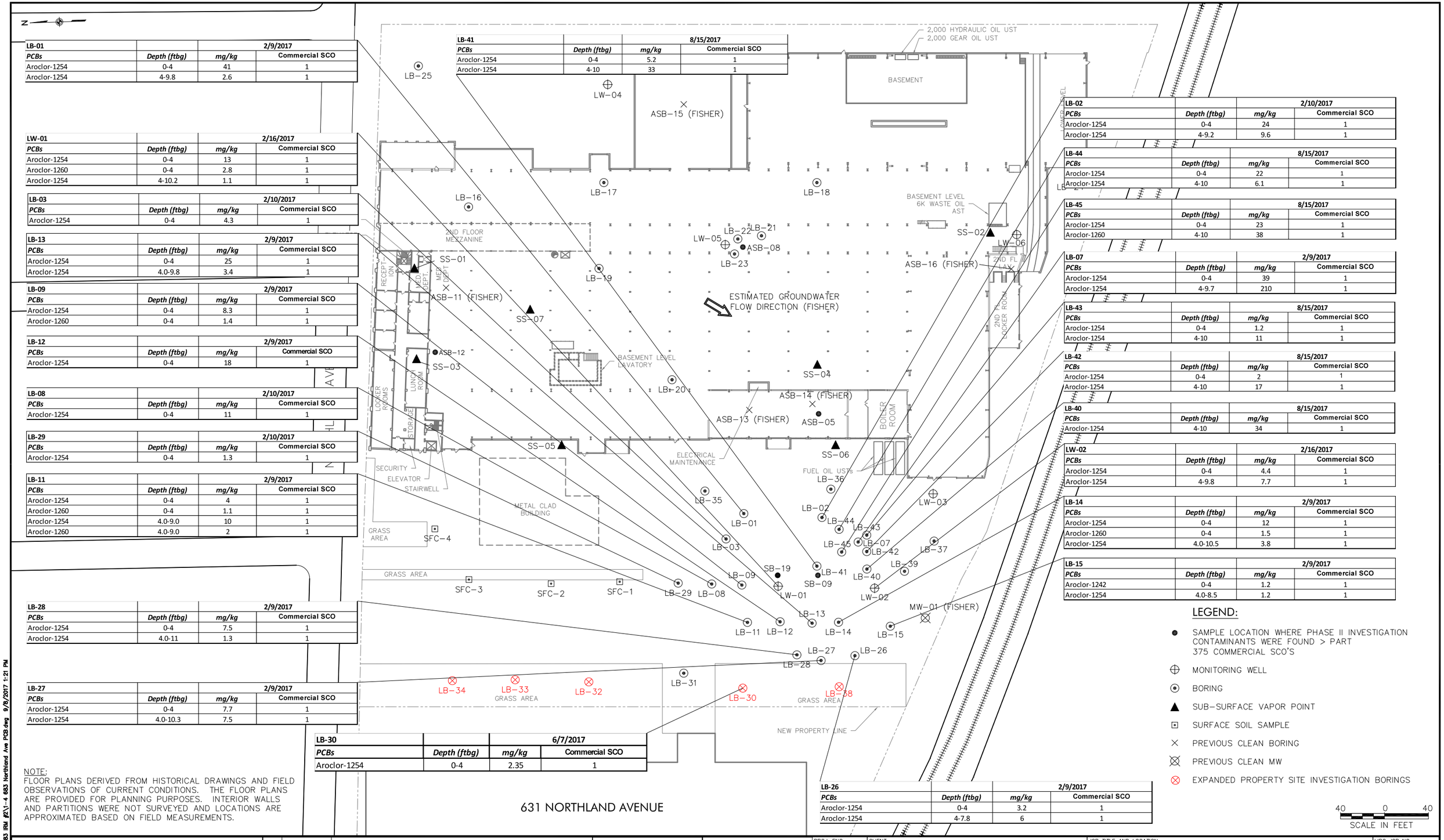
40 0 40
SCALE IN FEET

NO.	DATE	DESCRIPTION
		REVISIONS

LiRo Engineers, Inc.
690 Delaware Avenue
Buffalo, New York

PROJ. ENG.:	CLIENT:	JOB TITLE AND LOCATION:	LIRO JOB NO.:
DESIGNED BY:	NORDEL II, LLC	683 NORTHLAND AVENUE INTERIM REMEDIAL MEASURE #2	15-029-1054
CHECKED BY:			SHEET OF 3 6
DRAWN BY: A.M.K.	DATE: JULY 2017	SCALE: AS SHOWN	DRAWING TITLE: SOIL CONCENTRATIONS ABOVE CSCO's - SEMI-VOLATILE ORGANIC COMPOUNDS (SVOC's)
			FIGURE NO. 1-3

J:\15-029-1054 BUDC\CAD\683 IRM #2\1-3 683 Northland Ave SVOC.dwg 7/28/2017 8:51 AM



LB-01		2/9/2017	
PCBs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Aroclor-1254	0-4	41	1
Aroclor-1254	4-9.8	2.6	1

LW-01		2/16/2017	
PCBs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Aroclor-1254	0-4	13	1
Aroclor-1260	0-4	2.8	1
Aroclor-1254	4-10.2	1.1	1

LB-03		2/10/2017	
PCBs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Aroclor-1254	0-4	4.3	1

LB-13		2/9/2017	
PCBs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Aroclor-1254	0-4	25	1
Aroclor-1254	4.0-9.8	3.4	1

LB-09		2/9/2017	
PCBs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Aroclor-1254	0-4	8.3	1
Aroclor-1260	0-4	1.4	1

LB-12		2/9/2017	
PCBs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Aroclor-1254	0-4	18	1

LB-08		2/10/2017	
PCBs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Aroclor-1254	0-4	11	1

LB-29		2/10/2017	
PCBs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Aroclor-1254	0-4	1.3	1

LB-11		2/9/2017	
PCBs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Aroclor-1254	0-4	4	1
Aroclor-1260	0-4	1.1	1
Aroclor-1254	4.0-9.0	10	1
Aroclor-1260	4.0-9.0	2	1

LB-28		2/9/2017	
PCBs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Aroclor-1254	0-4	7.5	1
Aroclor-1254	4.0-11	1.3	1

LB-27		2/9/2017	
PCBs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Aroclor-1254	0-4	7.7	1
Aroclor-1254	4.0-10.3	7.5	1

LB-30		6/7/2017	
PCBs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Aroclor-1254	0-4	2.35	1

LB-41		8/15/2017	
PCBs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Aroclor-1254	0-4	5.2	1
Aroclor-1254	4-10	33	1

LB-02		2/10/2017	
PCBs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Aroclor-1254	0-4	24	1
Aroclor-1254	4-9.2	9.6	1

LB-44		8/15/2017	
PCBs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Aroclor-1254	0-4	22	1
Aroclor-1254	4-10	6.1	1

LB-45		8/15/2017	
PCBs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Aroclor-1254	0-4	23	1
Aroclor-1260	4-10	38	1

LB-07		2/9/2017	
PCBs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Aroclor-1254	0-4	39	1
Aroclor-1254	4-9.7	210	1

LB-43		8/15/2017	
PCBs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Aroclor-1254	0-4	1.2	1
Aroclor-1254	4-10	11	1

LB-42		8/15/2017	
PCBs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Aroclor-1254	0-4	2	1
Aroclor-1254	4-10	17	1

LB-40		8/15/2017	
PCBs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Aroclor-1254	4-10	34	1

LW-02		2/16/2017	
PCBs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Aroclor-1254	0-4	4.4	1
Aroclor-1254	4-9.8	7.7	1

LB-14		2/9/2017	
PCBs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Aroclor-1254	0-4	12	1
Aroclor-1260	0-4	1.5	1
Aroclor-1254	4.0-10.5	3.8	1

LB-15		2/9/2017	
PCBs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Aroclor-1242	0-4	1.2	1
Aroclor-1254	4.0-8.5	1.2	1

LB-26		2/9/2017	
PCBs	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Aroclor-1254	0-4	3.2	1
Aroclor-1254	4-7.8	6	1

LEGEND:

- ● SAMPLE LOCATION WHERE PHASE II INVESTIGATION CONTAMINANTS WERE FOUND > PART 375 COMMERCIAL SCO'S
- ⊕ MONITORING WELL
- ◉ BORING
- ▲ SUB-SURFACE VAPOR POINT
- ⊡ SURFACE SOIL SAMPLE
- × PREVIOUS CLEAN BORING
- ⊠ PREVIOUS CLEAN MW
- ⊗ EXPANDED PROPERTY SITE INVESTIGATION BORINGS

40 0 40
SCALE IN FEET

NOTE:
FLOOR PLANS DERIVED FROM HISTORICAL DRAWINGS AND FIELD OBSERVATIONS OF CURRENT CONDITIONS. THE FLOOR PLANS ARE PROVIDED FOR PLANNING PURPOSES. INTERIOR WALLS AND PARTITIONS WERE NOT SURVEYED AND LOCATIONS ARE APPROXIMATED BASED ON FIELD MEASUREMENTS.

631 NORTHLAND AVENUE

NO.	DATE	DESCRIPTION
		REVISIONS

LiRo Engineers, Inc.
690 Delaware Avenue
Buffalo, New York

PROJ. ENG.:	CLIENT: NORDEL II, LLC	JOB TITLE AND LOCATION: 683 NORTHLAND AVENUE INTERIM REMEDIAL MEASURE #2	LIRO JOB NO.: 15-029-1054
DESIGNED BY:			SHEET 4 OF 6
CHECKED BY:		DRAWING TITLE: SOIL CONCENTRATIONS ABOVE CSCO's - POLY-CHLORINATED BIPHENYLS (PCB's)	FIGURE NO. 1-4
DRAWN BY: A.M.K.	DATE: JULY 2017	SCALE: AS SHOWN	

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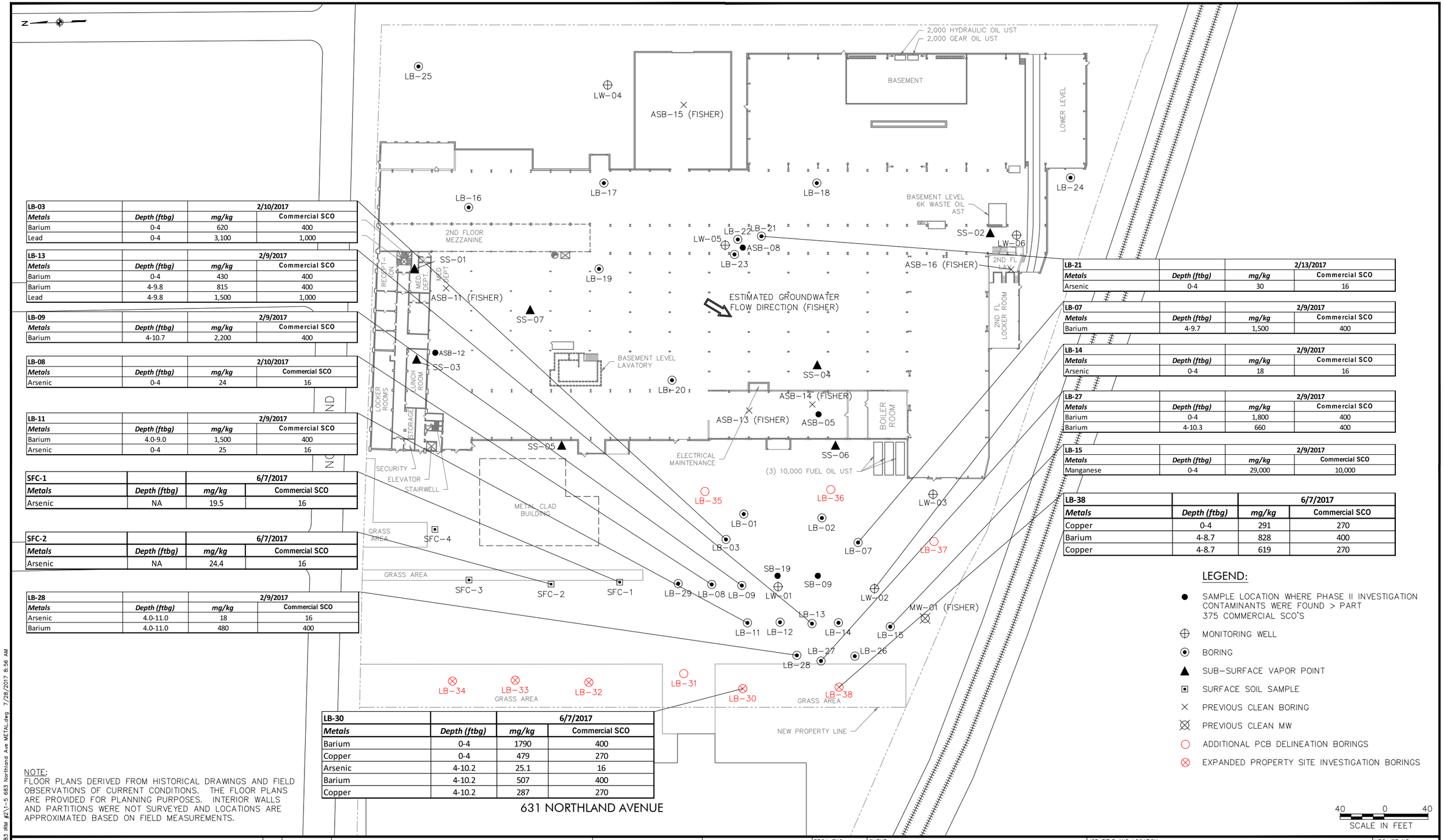

LB-03		2/10/2017	
Metals	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Barium	0-4	620	400
Lead	0-4	3,100	1,000

LB-13		2/9/2017	
Metals	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Barium	0-4	430	400
Barium	4-9.8	815	400
Lead	4-9.8	1,500	1,000

LB-09		2/9/2017	
Metals	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Barium	4-10.7	2,200	400

LB-08		2/10/2017	
Metals	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Arsenic	0-4	24	16

LB-11		2/9/2017	
Metals	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Barium	4.0-9.0	1,500	400
Arsenic	0-4	25	16

SFC-1		6/7/2017	
Metals	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Arsenic	NA	19.5	16

SFC-2		6/7/2017	
Metals	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Arsenic	NA	24.4	16

LB-28		2/9/2017	
Metals	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Arsenic	4.0-11.0	18	16
Barium	4.0-11.0	480	400

LB-30		6/7/2017	
Metals	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Barium	0-4	1790	400
Copper	0-4	479	270
Arsenic	4-10.2	25.1	16
Barium	4-10.2	507	400
Copper	4-10.2	287	270

LB-21		2/13/2017	
Metals	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Arsenic	0-4	30	16

LB-07		2/9/2017	
Metals	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Barium	4-9.7	1,500	400

LB-14		2/9/2017	
Metals	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Arsenic	0-4	18	16

LB-27		2/9/2017	
Metals	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Barium	0-4	1,800	400
Barium	4-10.3	660	400

LB-15		2/9/2017	
Metals	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Manganese	0-4	29,000	10,000

LB-38		6/7/2017	
Metals	*Depth (ftbg)*	*mg/kg*	Commercial SCO
Copper	0-4	291	270
Barium	4-8.7	828	400
Copper	4-8.7	619	270

LEGEND:

- SAMPLE LOCATION WHERE PHASE II INVESTIGATION CONTAMINANTS WERE FOUND > PART 375 COMMERCIAL SCO'S
- MONITORING WELL
- BORING
- SUB-SURFACE VAPOR POINT
- SURFACE SOIL SAMPLE
- PREVIOUS CLEAN BORING
- PREVIOUS CLEAN MW
- ADDITIONAL PCB DELINEATION BORINGS
- EXPANDED PROPERTY SITE INVESTIGATION BORINGS

NOTE:
FLOOR PLANS DERIVED FROM HISTORICAL DRAWINGS AND FIELD OBSERVATIONS OF CURRENT CONDITIONS. THE FLOOR PLANS ARE PROVIDED FOR PLANNING PURPOSES. INTERIOR WALLS AND PARTITIONS WERE NOT SURVEYED AND LOCATIONS ARE APPROXIMATED BASED ON FIELD MEASUREMENTS.

40 0 40
SCALE IN FEET

NO.	DATE	DESCRIPTION
		REVISIONS

LiRo Engineers, Inc.
690 Delaware Avenue
Buffalo, New York

PROJ. ENG.:	CLIENT:	JOB TITLE AND LOCATION:	LIRO JOB NO.:
DESIGNED BY:	NORDEL II, LLC	683 NORTHLAND AVENUE INTERIM REMEDIAL MEASURE #2	15-029-1054
CHECKED BY:			SHEET OF 5 6
DRAWN BY: A.M.K.	DATE: JULY 2017	DRAWING TITLE: SOIL CONCENTRATIONS ABOVE CSCO's - METALS	FIGURE NO. 1-5
	SCALE: AS SHOWN		

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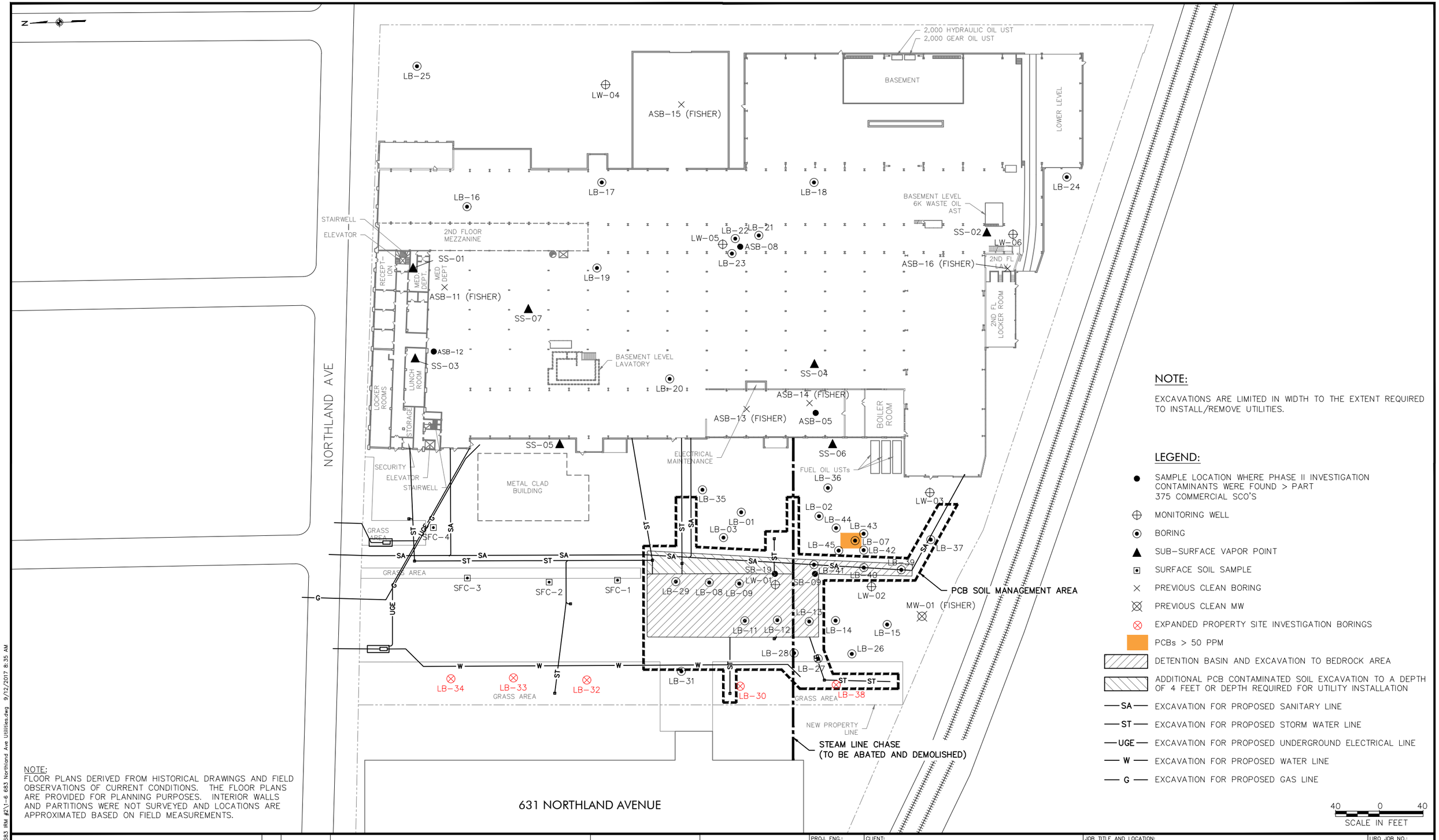

NOTE:
FLOOR PLANS DERIVED FROM HISTORICAL DRAWINGS AND FIELD OBSERVATIONS OF CURRENT CONDITIONS. THE FLOOR PLANS ARE PROVIDED FOR PLANNING PURPOSES. INTERIOR WALLS AND PARTITIONS WERE NOT SURVEYED AND LOCATIONS ARE APPROXIMATED BASED ON FIELD MEASUREMENTS.

NOTE:

EXCAVATIONS ARE LIMITED IN WIDTH TO THE EXTENT REQUIRED TO INSTALL/REMOVE UTILITIES.

LEGEND:

- ● SAMPLE LOCATION WHERE PHASE II INVESTIGATION CONTAMINANTS WERE FOUND > PART 375 COMMERCIAL SCO'S
- ⊕ MONITORING WELL
- ⊙ BORING
- ▲ SUB-SURFACE VAPOR POINT
- ⊡ SURFACE SOIL SAMPLE
- × PREVIOUS CLEAN BORING
- ⊠ PREVIOUS CLEAN MW
- ⊗ EXPANDED PROPERTY SITE INVESTIGATION BORINGS
- PCBs > 50 PPM
- DETENTION BASIN AND EXCAVATION TO BEDROCK AREA
- ADDITIONAL PCB CONTAMINATED SOIL EXCAVATION TO A DEPTH OF 4 FEET OR DEPTH REQUIRED FOR UTILITY INSTALLATION
- —SA— EXCAVATION FOR PROPOSED SANITARY LINE
- —ST— EXCAVATION FOR PROPOSED STORM WATER LINE
- —UGE— EXCAVATION FOR PROPOSED UNDERGROUND ELECTRICAL LINE
- —W— EXCAVATION FOR PROPOSED WATER LINE
- —G— EXCAVATION FOR PROPOSED GAS LINE

40 0 40
SCALE IN FEET

WARNING
IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, OTHER THAN THOSE WHOSE SEAL APPEARS ON THIS DRAWING, TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NO.	DATE	DESCRIPTION
		REVISIONS

LiRo Engineers, Inc.
690 Delaware Avenue
Buffalo, New York

PROJ. ENG.:	
DESIGNED BY:	
CHECKED BY:	
DRAWN BY:	A.M.K.
CLIENT:	NORDEL II, LLC
DATE:	JULY 2017
SCALE:	AS SHOWN
JOB TITLE AND LOCATION:	683 NORTHLAND AVENUE INTERIM REMEDIAL MEASURE #2
DRAWING TITLE:	LOCATIONS OF WESTERN PARKING LOT SUBSURFACE UTILITIES
LIRO JOB NO.:	15-029-1054
SHEET OF	6 6
FIGURE NO.	1-6

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Appendix 1

Preliminary Remedial Investigation Data Summary Tables

Table 6.2 – Analytical Results Summary - Volatile Organic Compounds (VOCs) in Soil

Table 6.3 – Analytical Results Summary - Semi-Volatile Organic Compounds (SVOCs) in Soil

Table 6.4 – Analytical Results Summary - Polychlorinated Biphenyls (PCBs) in Soil

Table 6.5 – Analytical Results Summary - Pesticides in Soil

Table 6.6 – Analytical Results Summary - Resource Conservation and Recovery Act (RCRA) Metals in Soil

Table 6.7 – Analytical Results Summary - Toxicity Characteristic Leaching Procedure (TCLP) Metals in Soil

Table 6.8 – Analytical Results Summary - Synthetic Precipitate Leaching Procedure (SPLP) Metals in Soil

Table 6.9 – Analytical Results Summary - Target Analyte List (TAL) Metals in Soil

TABLE 6.2

Analytical Results Summary
Volatile Organic Compounds (VOCs) in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

				Location ID:	**LB-40**	**LW-01**	**LW-01**	**LW-02**	**LW-02**	**LW-03**
				Sample ID:	**LB-40-5.5-6.5**	**LW-01-VOC1-2-4**	**LW-01-VOC2-6-8**	**LW-02-VOC1-0-2**	**LW-02-VOC2-8-9.8**	**LW-03-COMP1-4-8**
				Sample Date:	**8/15/2017**	**2/16/2017**	**2/16/2017**	**2/16/2017**	**2/16/2017**	**2/20/2017**
				Sample Depth:	**5.5-6.5**	**2 to 4**	**6 to 8**	**0 to 2**	**8 to 9.8**	**4 to 8**
		6 NYCRR Part 375								
Parameters	***Units***	***Unrestricted SCO***	***Commercial SCO***							
Volatile Organic Analytes										
Diisopropyl Ether (DIPE)	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
1,4-Dioxane (P-Dioxane)	mg/kg	0.1	130	ND	ND	ND	ND	ND	ND	
Ethylbenzene	mg/kg	1	390	39.7 D	0.051	ND	0.014	0.0078	ND	
Hexachlorobutadiene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
2-Hexanone	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Isopropylbenzene (Cumene)	mg/kg	NS	NS	6.9 D	0.005	ND	ND	0.0037	ND	
p-Isopropyltoluene (p-Cymene)	mg/kg	NS	NS	ND	0.0068	ND	0.0024	ND	ND	
Methyl Acetate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Methyl tert-Butyl Ether (MTBE)	mg/kg	0.93	500	ND	ND	ND	ND	ND	ND	
Methylcyclohexane	mg/kg	NS	NS	0.0269	0.76	ND	0.0035	0.0027	ND	
Methylene Chloride	mg/kg	0.05	500	ND	ND	ND	ND	ND	ND	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Naphthalene	mg/kg	NS	NS	ND	0.014	ND	0.0069	0.0067	ND	
N-Propylbenzene	mg/kg	3.9	500	ND	0.0056	ND	0.0022	ND	ND	
Styrene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
1,1,1,2-Tetrachloroethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
1,1,2,2-Tetrachloroethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Tetrachloroethylene (PCE)	mg/kg	1.3	150	ND	ND	ND	ND	ND	ND	
Tetrahydrofuran	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Toluene	mg/kg	0.7	500	0.0971	0.028	ND	0.011	0.0064	ND	
1,2,3-Trichlorobenzene	mg/kg	NS	NS	ND	0.0048	ND	ND	ND	ND	
1,2,4-Trichlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
1,3,5-Trichlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
1,1,1-Trichloroethane	mg/kg	0.68	500	ND	ND	ND	ND	ND	0.002	
1,1,2-Trichloroethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Trichloroethylene (TCE)	mg/kg	0.47	200	ND	ND	ND	ND	ND	ND	
Trichlorofluoromethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
1,2,3-Trichloropropane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
1,2,4-Trimethylbenzene	mg/kg	3.6	190	ND	0.054	ND	0.035	0.011	ND	
1,3,5-Trimethylbenzene (Mesitylene)	mg/kg	8.4	190	ND	0.014	ND	0.011	0.0027	ND	
Vinyl Chloride	mg/kg	0.02	13	ND	ND	ND	ND	ND	ND	
m,p-Xylene	mg/kg	0.26	500	**749.4 D**	0.11	ND	0.033	0.075	ND	
O-Xylene (1,2-Dimethylbenzene)	mg/kg	0.26	500	53 D	0.016	ND	0.004	0.0032	ND	

Notes:
ND - Not detected
NS - No standard
mg/kg - Milligrams Per Kilogram

TABLE 6.2

Analytical Results Summary
Volatile Organic Compounds (VOCs) in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

				Location ID:	**LW-04**	**LW-06**	**Trip Blank #1**	**Trip Blank #2**	**Trip Blank #3**	**Rinse Blank #1**
				Sample ID:	**LW-04-COMP1-0-4.10**	**LW-06-2-4**	**Trip Blank**	**Trip Blank**	**Trip Blank**	**LRB-01-2-16-17**
				Sample Date:	**2/15/2017**	**2/21/2017**	**2/9/2017**	**2/13/2017**	**2/21/2017**	**2/16/2017**
				Sample Depth:	**0 to 4.10**	**2 to 4**	**NA**	**NA**	**NA**	**NA**
		6 NYCRR Part 375								
Parameters	***Units***	***Unrestricted SCO***	***Commercial SCO***							
Volatile Organic Analytes										
Acetone	mg/kg	0.05	500	ND	53	ND	ND	ND	ND
Acrylonitrile	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
tert-Amyl Methyl Ether (TAME)	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Benzene	mg/kg	0.06	44	ND	ND	ND	ND	ND	ND
Bromobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Bromochloromethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Bromodichloromethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Bromoform	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Bromomethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	mg/kg	0.12	500	ND	ND	ND	ND	ND	ND
Tert-Butyl Alcohol	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
N-Butylbenzene	mg/kg	12	500	ND	ND	ND	ND	ND	ND
Sec-Butylbenzene	mg/kg	11	500	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	mg/kg	5.9	500	ND	ND	ND	ND	ND	ND
tert-Butyl Ethyl Ether (TBEE)	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Carbon Disulfide	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	mg/kg	0.76	22	ND	ND	ND	ND	ND	ND
Chlorobenzene	mg/kg	1.1	500	ND	ND	ND	ND	ND	ND
Chlorodibromomethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Chloroethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Chloroform	mg/kg	0.37	350	ND	ND	ND	ND	ND	ND
Chloromethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane (Ethylene Dibromide)	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Dibromomethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	mg/kg	1.1	500	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	mg/kg	2.4	280	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	mg/kg	1.8	130	ND	ND	ND	ND	ND	ND
Trans-1,4-Dichloro-2-Butene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	mg/kg	0.27	240	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	mg/kg	0.02	30	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	mg/kg	0.33	500	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethylene	mg/kg	0.25	500	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	mg/kg	0.19	500	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Diethyl Ether (Ethyl Ether)	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND

TABLE 6.2

Analytical Results Summary
Volatile Organic Compounds (VOCs) in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

				Location ID:	**LW-04**	**LW-06**	**Trip Blank #1**	**Trip Blank #2**	**Trip Blank #3**	**Rinse Blank #1**
				Sample ID:	**LW-04-COMP1-0-4.10**	**LW-06-2-4**	**Trip Blank**	**Trip Blank**	**Trip Blank**	**LRB-01-2-16-17**
				Sample Date:	**2/15/2017**	**2/21/2017**	**2/9/2017**	**2/13/2017**	**2/21/2017**	**2/16/2017**
				Sample Depth:	**0 to 4.10**	**2 to 4**	**NA**	**NA**	**NA**	**NA**
		6 NYCRR Part 375								
Parameters	***Units***	***Unrestricted SCO***	***Commercial SCO***							
Volatile Organic Analytes										
Diisopropyl Ether (DIPE)	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
1,4-Dioxane (P-Dioxane)	mg/kg	0.1	130	ND	ND	ND	ND	ND	ND	
Ethylbenzene	mg/kg	1	390	ND	ND	ND	ND	ND	ND	
Hexachlorobutadiene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
2-Hexanone	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Isopropylbenzene (Cumene)	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
p-Isopropyltoluene (p-Cymene)	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Methyl Acetate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Methyl tert-Butyl Ether (MTBE)	mg/kg	0.93	500	ND	ND	ND	ND	ND	ND	
Methylcyclohexane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Methylene Chloride	mg/kg	0.05	500	0.042	ND	ND	ND	ND	ND	
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Naphthalene	mg/kg	NS	NS	0.0081	ND	ND	ND	ND	ND	
N-Propylbenzene	mg/kg	3.9	500	ND	ND	ND	ND	ND	ND	
Styrene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
1,1,1,2-Tetrachloroethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
1,1,2,2-Tetrachloroethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Tetrachloroethylene (PCE)	mg/kg	1.3	150	ND	0.0029	ND	ND	ND	ND	
Tetrahydrofuran	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Toluene	mg/kg	0.7	500	ND	0.0036	ND	ND	ND	ND	
1,2,3-Trichlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
1,2,4-Trichlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
1,3,5-Trichlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
1,1,1-Trichloroethane	mg/kg	0.68	500	ND	ND	ND	ND	ND	ND	
1,1,2-Trichloroethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Trichloroethylene (TCE)	mg/kg	0.47	200	ND	ND	ND	ND	ND	ND	
Trichlorofluoromethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
1,2,3-Trichloropropane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
1,1,2-Trichloro-1,2,2-Trifluoroethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
1,2,4-Trimethylbenzene	mg/kg	3.6	190	ND	ND	ND	ND	ND	ND	
1,3,5-Trimethylbenzene (Mesitylene)	mg/kg	8.4	190	ND	ND	ND	ND	ND	ND	
Vinyl Chloride	mg/kg	0.02	13	ND	ND	ND	ND	ND	ND	
m,p-Xylene	mg/kg	0.26	500	ND	ND	ND	ND	ND	ND	
O-Xylene (1,2-Dimethylbenzene)	mg/kg	0.26	500	ND	ND	ND	ND	ND	ND	

Notes:
ND - Not detected
NS - No standard
mg/kg - Milligrams Per Kilogram

TABLE 6.3

Analytical Results Summary
Semi-Volatile Organic Compounds (SVOCs) in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

				Location ID:	**LB-25**	**LB-26**	**LB-26**	**LB-27**	**LB-27**	**LB-28**
				Sample ID:	**LB-25-COMP1-0-2.4**	**LB-26-COMP1-0-4**	**LB-26-COMP2-4-7.8**	**LB-27-COMP1-0-4**	**LB-27-COMP2-4-10.3**	**LB-28-COMP1-0-4**
				Sample Date:	**2/15/2017**	**2/9/2017**	**2/9/2017**	**2/9/2017**	**2/9/2017**	**2/9/2017**
				Sample Depth:	**0 to 2.4**	**0 to 4**	**4 to 7.8**	**0 to 4**	**4 to 10.3**	**0 to 4**
		6 NYCRR Part 375								
Parameters	***Units***	***Unrestricted SCO***	***Commercial SCO***							
Semi Volatile Organic Analytes										
Hexachlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Hexachloroethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-C,D)Pyrene	mg/kg	0.5	5.6	ND	0.67	ND	1.8	0.49	**15**
Isophorone	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
1-Methylnaphthalene	mg/kg	NS	NS	ND	0.4	ND	1.9	2.1	0.63
2-Methylnaphthalene	mg/kg	NS	NS	ND	0.51	ND	2.6	3	0.75
2-Methylphenol (O-Cresol)	mg/kg	0.33	500	ND	ND	ND	ND	ND	ND
3- And 4- Methylphenol (Total)	mg/kg	0.33	500	ND	ND	ND	ND	ND	ND
Naphthalene	mg/kg	12	500	ND	0.41	ND	1.9	2.2	1.7
2-Nitroaniline	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
3-Nitroaniline	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
4-Nitroaniline	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Nitrobenzene	mg/kg	NS	69	ND	ND	ND	ND	ND	ND
2-Nitrophenol	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
4-Nitrophenol	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
N-Nitrosodimethylamine	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
N-Nitrosodi-N-Propylamine	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Pentachloronitrobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Pentachlorophenol	mg/kg	0.8	6.7	ND	ND	ND	ND	ND	ND
Phenanthrene	mg/kg	100	500	0.69	1.2	0.41	4.7	4.4	38
Phenol	mg/kg	0.33	500	ND	ND	ND	ND	ND	ND
Pyrene	mg/kg	100	500	0.57	1.5	0.47	4.3	2.5	51
Pyridine	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetrachlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
1,1-Biphenyl	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Benzyl Alcohol	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND

Notes:
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO criteria
Boxed Font - Exceeds 6 NYCRR Part 375 Commercial SCO criteria
ND - Not detected
J - Estimated concentration
CCV-E - Estimated Value
NS - No standard
mg/kg - Milligrams Per Kilogram

TABLE 6.3

Analytical Results Summary
Semi-Volatile Organic Compounds (SVOCs) in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

				Location ID:	**LB-28**	**LB-29**	**LB-29**	**LW-01**	**LW-01**	**LW-02**
				Sample ID:	**LB-28-COMP2-4-11**	**LB-29-COMP1-0-4**	**LB-29-COMP2-4-9.3**	**LW-01-COMP1-0-4**	**LW-01-COMP2-4-10.2**	**LW-02-COMP1-0-4**
				Sample Date:	**2/9/2017**	**2/10/2017**	**2/10/2017**	**2/16/2017**	**2/16/2017**	**2/16/2017**
				Sample Depth:	**4 to 11**	**0 to 4**	**4 to 9.3**	**0 to 4**	**4 to 10.2**	**0 to 4**
									MS/MSD	
		6 NYCRR Part 375								
Parameters	***Units***	***Unrestricted SCO***	***Commercial SCO***							
Semi Volatile Organic Analytes										
Acenaphthene	mg/kg	20	500	0.28	0.57	ND	ND	0.41	ND
Acenaphthylene	mg/kg	100	500	ND	ND	ND	ND	ND	ND
Acetophenone	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Aniline	mg/kg	48	500	ND	ND	ND	ND	ND	ND
Anthracene	mg/kg	100	500	ND	0.86	ND	0.54	0.72	ND
Benzidine	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Benzo(A)Anthracene	mg/kg	1	5.6	ND	2.5	ND	**1.6**	**1.7**	0.61
Benzo(A)Pyrene	mg/kg	1	1	ND	**2.1**	ND	**1.4**	**1.6**	0.81
Benzo(B)Fluoranthene	mg/kg	1	5.6	ND	2.6	ND	**2**	**1.7**	1
Benzo(G,H,I)Perylene	mg/kg	100	500	ND	1.2	ND	1.3	1.7	0.92
Benzo(K)Fluoranthene	mg/kg	0.8	56	ND	1.1	ND	0.75	0.59	0.37
Benzoic Acid	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Bis(2-Chloroethoxy) Methane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Bis(2-Chloroisopropyl) Ether	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Bis(2-Ethylhexyl) Phthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	0.66
4-Bromophenyl Phenyl Ether	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Butyl Benzyl Phthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Carbazole	mg/kg	NS	NS	ND	0.57	ND	0.38	ND	ND
4-Chloroaniline	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
4-Chloro-3-Methylphenol	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
2-Chlorophenol	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
4-Chlorophenyl Phenyl Ether	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Chrysene	mg/kg	1	56	ND	**2.5**	ND	**1.9**	**2.3**	0.58
Dibenz(A,H)Anthracene	mg/kg	0.33	0.56	ND	ND	ND	ND	ND	ND
Dibenzofuran	mg/kg	14	350	ND	ND	ND	ND	ND	ND
Di-N-Butyl Phthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Diethyl Phthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Dimethyl Phthalate	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-Methylphenol	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Di-N-Octylphthalate	mg/kg	NS	NS	ND	ND	ND	1.5	ND	ND
1,2-Diphenylhydrazine	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/kg	100	500	0.37	4.8	ND	5.4	3.1	1.1
Fluorene	mg/kg	30	500	ND	0.52	ND	0.46	0.53	ND

TABLE 6.3

Analytical Results Summary
Semi-Volatile Organic Compounds (SVOCs) in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

				Location ID:	**LB-28**	**LB-29**	**LB-29**	**LW-01**	**LW-01**	**LW-02**
				Sample ID:	**LB-28-COMP2-4-11**	**LB-29-COMP1-0-4**	**LB-29-COMP2-4-9.3**	**LW-01-COMP1-0-4**	**LW-01-COMP2-4-10.2**	**LW-02-COMP1-0-4**
				Sample Date:	**2/9/2017**	**2/10/2017**	**2/10/2017**	**2/16/2017**	**2/16/2017**	**2/16/2017**
				Sample Depth:	**4 to 11**	**0 to 4**	**4 to 9.3**	**0 to 4**	**4 to 10.2**	**0 to 4**
									MS/MSD	
		6 NYCRR Part 375								
Parameters	***Units***	***Unrestricted SCO***	***Commercial SCO***							
Semi Volatile Organic Analytes										
Hexachlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Hexachlorobutadiene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Hexachlorocyclopentadiene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Hexachloroethane	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Indeno(1,2,3-C,D)Pyrene	mg/kg	0.5	5.6	ND	1.4	ND	1.4	1.3	0.89	
Isophorone	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
1-Methylnaphthalene	mg/kg	NS	NS	ND	ND	ND	ND	0.59	ND	
2-Methylnaphthalene	mg/kg	NS	NS	ND	ND	ND	ND	0.59	ND	
2-Methylphenol (O-Cresol)	mg/kg	0.33	500	ND	ND	ND	ND	ND	ND	
3- And 4- Methylphenol (Total)	mg/kg	0.33	500	ND	ND	ND	ND	ND	ND	
Naphthalene	mg/kg	12	500	ND	0.52	ND	ND	0.52	ND	
2-Nitroaniline	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
3-Nitroaniline	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
4-Nitroaniline	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Nitrobenzene	mg/kg	NS	69	ND	ND	ND	ND	ND	ND	
2-Nitrophenol	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
4-Nitrophenol	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
N-Nitrosodimethylamine	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
N-Nitrosodiphenylamine	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
N-Nitrosodi-N-Propylamine	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Pentachloronitrobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Pentachlorophenol	mg/kg	0.8	6.7	ND	ND	ND	ND	ND	ND	
Phenanthrene	mg/kg	100	500	0.27	4.4	ND	3.5	3.3	0.61	
Phenol	mg/kg	0.33	500	ND	ND	ND	ND	ND	ND	
Pyrene	mg/kg	100	500	0.34	4.8	ND	4.3	2.8	1.7	
Pyridine	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
1,2,4,5-Tetrachlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
1,2,4-Trichlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
2,4,5-Trichlorophenol	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
2,4,6-Trichlorophenol	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
1,1-Biphenyl	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Benzyl Alcohol	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	

Notes:
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO criteria
Boxed Font - Exceeds 6 NYCRR Part 375 Commercial SCO criteria
ND - Not detected
J - Estimated concentration
CCV-E - Estimated Value
NS - No standard
mg/kg - Milligrams Per Kilogram

TABLE 6.4

Analytical Results Summary
Poly Chlorinated Biphenyls (PCBs) in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

				Location ID:	**LB-38**	**LB-39**	**LB-39**	**LB-40**	**LB-40**	**LB-41**
				Sample ID:	**LB-35-COMP 2**	**LB-39-0-4**	**LB-39-4-10.5**	**LB-40-0-4**	**LB-40-4-10**	**LB-41-0-4**
				Sample Date:	**6/7/2017**	**8/15/2017**	**8/15/2017**	**8/15/2017**	**8/15/2017**	**8/15/2017**
				Sample Depth:	**4-8.7**	**0-4**	**4-10.5**	**0-4**	**4-10**	**0-4**
		6 NYCRR Part 375								
Parameters	***Units***	***Unrestricted SCO***	***Commercial SCO***							
PCB Analytes										
Aroclor-1016	mg/kg	0.1	1	ND	ND	ND	ND	ND	ND
Aroclor-1221	mg/kg	0.1	1	ND	ND	ND	ND	ND	ND
Aroclor-1232	mg/kg	0.1	1	ND	ND	ND	ND	ND	ND
Aroclor-1242	mg/kg	0.1	1	ND	ND	ND	ND	ND	ND
Aroclor-1248	mg/kg	0.1	1	ND	ND	ND	ND	ND	ND
Aroclor-1254	mg/kg	0.1	1	**0.147**	0.84 DP	3.3 P	0.15	34 D	5.2 D
Aroclor-1260	mg/kg	0.1	1	ND	ND	ND	0.17 P	ND	ND
Aroclor-1262	mg/kg	0.1	1	ND	ND	ND	ND	ND	ND
Aroclor-1268	mg/kg	0.1	1	ND	ND	ND	ND	ND	ND

Notes:
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO criteria
Boxed Font - Exceeds 6 NYCRR Part 375 Commercial SCO criteria
ND - Not detected
mg/kg - Milligrams Per Kilogram

TABLE 6.4

Analytical Results Summary
Poly Chlorinated Biphenyls (PCBs) in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

				Location ID:	**LB-41**	**LB-41**	**LB-42**	**LB-42**	**LB-43**	**LB-43**
				Sample ID:	**LB-41-4-11.3**	**LB-41-11.3-15**	**LB-42-0-4**	**LB-42-4-10**	**LB-43-0-4**	**LB-43-4-10**
				Sample Date:	**8/15/2017**	**8/15/2017**	**8/15/2017**	**8/15/2017**	**8/15/2017**	**8/15/2017**
				Sample Depth:	**4-11.3**	**4-11.3 (Duplicate)**	**0-4**	**10-Apr**	**0-4**	**4-10**
		6 NYCRR Part 375								
Parameters	***Units***	***Unrestricted SCO***	***Commercial SCO***							
PCB Analytes										
Aroclor-1016	mg/kg	0.1	1	ND	ND	ND	ND	ND	ND
Aroclor-1221	mg/kg	0.1	1	ND	ND	ND	ND	ND	ND
Aroclor-1232	mg/kg	0.1	1	ND	ND	ND	ND	ND	ND
Aroclor-1242	mg/kg	0.1	1	ND	ND	ND	ND	ND	ND
Aroclor-1248	mg/kg	0.1	1	ND	ND	ND	ND	ND	ND
Aroclor-1254	mg/kg	0.1	1	33 D	33 D	2 D	17 D	1.2 D	11 D
Aroclor-1260	mg/kg	0.1	1	ND	ND	ND	ND	ND	ND
Aroclor-1262	mg/kg	0.1	1	ND	ND	ND	ND	ND	ND
Aroclor-1268	mg/kg	0.1	1	ND	ND	ND	ND	ND	ND

Notes:
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO criteria
Boxed Font - Exceeds 6 NYCRR Part 375 Commercial SCO criteria
ND - Not detected
mg/kg - Milligrams Per Kilogram

TABLE 6.4

Analytical Results Summary
Poly Chlorinated Biphenyls (PCBs) in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

				Location ID:	**LB-44**	**LB-44**	**LB-45**	**LB-45**
				Sample ID:	**LB-44-0-4**	**LB-44-4-10**	**LB-45-0-4**	**LB-45-4-10**
				Sample Date:	**8/15/2017**	**8/15/2017**	**8/15/2017**	**8/15/2017**
				Sample Depth:	**0-4**	**4-10**	**0-4**	**4-10**
		6 NYCRR Part 375						
Parameters	***Units***	***Unrestricted SCO***	***Commercial SCO***					
PCB Analytes								
Aroclor-1016	mg/kg	0.1	1	ND	ND	ND	ND
Aroclor-1221	mg/kg	0.1	1	ND	ND	ND	ND
Aroclor-1232	mg/kg	0.1	1	ND	ND	ND	ND
Aroclor-1242	mg/kg	0.1	1	ND	ND	ND	ND
Aroclor-1248	mg/kg	0.1	1	ND	ND	ND	ND
Aroclor-1254	mg/kg	0.1	1	22	6.1	23	38
Aroclor-1260	mg/kg	0.1	1	ND	ND	ND	ND
Aroclor-1262	mg/kg	0.1	1	ND	ND	ND	ND
Aroclor-1268	mg/kg	0.1	1	ND	ND	ND	ND

Notes:
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO criteria
Boxed Font - Exceeds 6 NYCRR Part 375 Commercial SCO criteria
ND - Not detected
mg/kg - Milligrams Per Kilogram

TABLE 6.5

Analytical Results Summary
Pesticides in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

				Location ID:	**LB-02**	**LB-08**	**LB-11**	**LB-15**	**LB-15**	**LB-16**
				Sample ID:	**LB-02-COMP2-4-9.2**	**LB-08-COMP2-4-10.2**	**LB-11-COMP1-0-4**	**LB-15-COMP1-0-4**	**LB-15-COMP2-4-8.5**	**LB-16-COMP1-0-2**
				Sample Date:	**2/9/2017**	**2/10/2017**	**2/9/2017**	**2/9/2017**	**2/9/2017**	**2/13/2017**
				Sample Depth:	**4 to 9.2**	**4 to 10.2**	**0 to 4**	**0 to 4**	**4 to 8.5**	**0 to 2**
		6 NYCRR Part 375								
Parameters	***Units***	***Unrestricted SCO***	***Commercial SCO***							
Pesticides Analytes										
Alachlor	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Aldrin	mg/kg	0.005	0.68	ND	ND	ND	ND	ND	ND
alpaha-BHC	mg/kg	0.02	3.4	ND	ND	ND	ND	ND	ND
beta-BHC	mg/kg	0.036	3	ND	ND	ND	ND	ND	ND
delta-BHC	mg/kg	0.04	500	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	mg/kg	0.1	9.2	ND	ND	ND	ND	ND	ND
Chlordane	mg/kg	0.094	24	ND	ND	ND	ND	ND	ND
4,4'-DDD	mg/kg	0.0033	92	ND	ND	ND	ND	ND	ND
4,4'-DDE	mg/kg	0.0033	62	ND	ND	ND	ND	ND	**0.013**
4,4'-DDT	mg/kg	0.0033	47	ND	ND	ND	ND	ND	ND
Dieldrin	mg/kg	0.005	1.4	ND	ND	ND	ND	ND	**0.019**
Endosulfan I	mg/kg	2.4	200	ND	ND	ND	ND	ND	ND
Endosulfan II	mg/kg	2.4	200	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	mg/kg	2.4	200	ND	ND	ND	ND	ND	ND
Endrin	mg/kg	0.014	89	ND	ND	ND	ND	ND	ND
Endrin aldehyde	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Endrin ketone	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Heptachlor	mg/kg	0.042	15	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Methoxychlor	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Toxaphene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND

Notes:
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO criteria
Boxed Font - Exceeds 6 NYCRR Part 375 Commercial SCO criteria
ND - Not detected
NS - No standard
mg/kg - Milligrams Per Kilogram

TABLE 6.5

Analytical Results Summary
Pesticides in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

				Location ID:	**LB-17**	**LB-18**	**LB-19**	**LB-19**	**LB-20**	**LB-24**
				Sample ID:	**LB-17-COMP1-1-3**	**LB-18-COMP1-0-4**	**LB-19-COMP1-0-5.4**	**LB-19-COMP2-5.4-7**	**LB-20-COMP1-0-4**	**LB-24-COMP1-1-3**
				Sample Date:	**2/13/2017**	**2/10/2017**	**2/13/2017**	**2/13/2017**	**2/13/2017**	**2/13/2017**
				Sample Depth:	**1 to 3**	**0 to 4**	**0 to 5.4**	**0 to 5.4** ***(Duplicate)***	**0 to 4**	**1 to 3**
		6 NYCRR Part 375								
Parameters	***Units***	***Unrestricted SCO***	***Commercial SCO***							
Pesticides Analytes										
Alachlor	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Aldrin	mg/kg	0.005	0.68	ND	ND	ND	ND	ND	ND
alpaha-BHC	mg/kg	0.02	3.4	ND	ND	ND	ND	ND	ND
beta-BHC	mg/kg	0.036	3	ND	ND	ND	ND	ND	ND
delta-BHC	mg/kg	0.04	500	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	mg/kg	0.1	9.2	ND	ND	ND	ND	ND	ND
Chlordane	mg/kg	0.094	24	0.05	ND	ND	ND	ND	ND
4,4'-DDD	mg/kg	0.0033	92	ND	ND	ND	ND	ND	ND
4,4'-DDE	mg/kg	0.0033	62	**0.0072**	ND	ND	ND	ND	0.01
4,4'-DDT	mg/kg	0.0033	47	ND	ND	ND	**0.0044**	ND	**0.0095**
Dieldrin	mg/kg	0.005	1.4	ND	ND	ND	ND	ND	**0.0073**
Endosulfan I	mg/kg	2.4	200	ND	ND	ND	ND	ND	ND
Endosulfan II	mg/kg	2.4	200	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	mg/kg	2.4	200	ND	ND	ND	ND	ND	ND
Endrin	mg/kg	0.014	89	ND	ND	ND	ND	ND	ND
Endrin aldehyde	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Endrin ketone	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Heptachlor	mg/kg	0.042	15	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Methoxychlor	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Toxaphene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND

Notes:
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO criteria
Boxed Font - Exceeds 6 NYCRR Part 375 Commercial SCO criteria
ND - Not detected
NS - No standard
mg/kg - Milligrams Per Kilogram

TABLE 6.5

Analytical Results Summary
Pesticides in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

				Location ID:	**LB-25**	**LB-28**	**LW-03**	**LW-04**	**LW-06**	**Rinse Blank #1**
				Sample ID:	**LB-25-COMP1-0-2.4**	**LB-28-COMP2-4-11**	**LW-03-COMP1-4-8**	**LW-04-COMP1-0-4.10**	**LW-06-COMP1-0-4**	**LRB-01-2-16-17**
				Sample Date:	**2/15/2017**	**2/9/2017**	**2/20/2017**	**2/15/2017**	**2/21/2017**	**2/16/2017**
				Sample Depth:	**0 to 2.4**	**4 to 11**	**4 to 8**	**0 to 4.10**	**0 to 4**	**NA**
							MS/MSD			
		6 NYCRR Part 375								
Parameters	***Units***	***Unrestricted SCO***	***Commercial SCO***							
Pesticides Analytes										
Alachlor	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Aldrin	mg/kg	0.005	0.68	ND	ND	ND	ND	ND	ND	
alpaha-BHC	mg/kg	0.02	3.4	ND	ND	ND	ND	ND	ND	
beta-BHC	mg/kg	0.036	3	ND	ND	ND	ND	ND	ND	
delta-BHC	mg/kg	0.04	500	ND	ND	ND	ND	ND	ND	
gamma-BHC (Lindane)	mg/kg	0.1	9.2	ND	ND	ND	ND	ND	ND	
Chlordane	mg/kg	0.094	24	ND	ND	ND	0.056	ND	ND	
4,4'-DDD	mg/kg	0.0033	92	ND	ND	ND	ND	ND	ND	
4,4'-DDE	mg/kg	0.0033	62	ND	ND	ND	0.019	ND	ND	
4,4'-DDT	mg/kg	0.0033	47	ND	ND	**0.095**	ND	0.0018	ND	
Dieldrin	mg/kg	0.005	1.4	ND	ND	0.023	ND	ND	ND	
Endosulfan I	mg/kg	2.4	200	ND	ND	ND	ND	ND	ND	
Endosulfan II	mg/kg	2.4	200	ND	ND	ND	ND	ND	ND	
Endosulfan sulfate	mg/kg	2.4	200	ND	ND	ND	ND	ND	ND	
Endrin	mg/kg	0.014	89	ND	ND	ND	ND	ND	ND	
Endrin aldehyde	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Endrin ketone	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Heptachlor	mg/kg	0.042	15	ND	ND	ND	ND	ND	ND	
Heptachlor epoxide	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Hexachlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Methoxychlor	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Toxaphene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	

Notes:
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO criteria
Boxed Font - Exceeds 6 NYCRR Part 375 Commercial SCO criteria
ND - Not detected
NS - No standard
mg/kg - Milligrams Per Kilogram

TABLE 6.5

Analytical Results Summary
Pesticides in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

				Location ID:	Rinse Blank #2	Rinse Blank #3	LB-30	LB-30	LB-32	LB-32
				Sample ID:	LRB-02-2-20-17	LRB-03-2-21-17	LB-30-COMP 1	LB-30-COMP 2	LB-32-COMP 1	LB-32-COMP 2
				Sample Date:	2/20/2017	2/21/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017
				Sample Depth:	NA	NA	0-4	4-10.2	0-4	4-5.8
		6 NYCRR Part 375								
Parameters	***Units***	***Unrestricted SCO***	***Commercial SCO***							
Pesticides Analytes										
Alachlor	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Aldrin	mg/kg	0.005	0.68	ND	ND	ND	ND	ND	ND	
alpaha-BHC	mg/kg	0.02	3.4	ND	ND	ND	ND	ND	ND	
beta-BHC	mg/kg	0.036	3	ND	ND	ND	ND	ND	ND	
delta-BHC	mg/kg	0.04	500	ND	ND	ND	ND	ND	ND	
gamma-BHC (Lindane)	mg/kg	0.1	9.2	ND	ND	ND	ND	ND	ND	
Chlordane	mg/kg	0.094	24	ND	ND	ND	ND	ND	ND	
4,4'-DDD	mg/kg	0.0033	92	ND	ND	ND	ND	ND	ND	
4,4'-DDE	mg/kg	0.0033	62	ND	ND	ND	ND	ND	ND	
4,4'-DDT	mg/kg	0.0033	47	ND	ND	ND	ND	ND	ND	
Dieldrin	mg/kg	0.005	1.4	ND	ND	ND	ND	ND	ND	
Endosulfan I	mg/kg	2.4	200	ND	ND	ND	ND	ND	ND	
Endosulfan II	mg/kg	2.4	200	ND	ND	ND	ND	ND	ND	
Endosulfan sulfate	mg/kg	2.4	200	ND	ND	ND	ND	ND	ND	
Endrin	mg/kg	0.014	89	ND	ND	ND	ND	ND	ND	
Endrin aldehyde	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Endrin ketone	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Heptachlor	mg/kg	0.042	15	ND	ND	ND	ND	ND	ND	
Heptachlor epoxide	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Hexachlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Methoxychlor	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Toxaphene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	

Notes:
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO criteria
Boxed Font - Exceeds 6 NYCRR Part 375 Commercial SCO criteria
ND - Not detected
NS - No standard
mg/kg - Milligrams Per Kilogram

TABLE 6.5

Analytical Results Summary
Pesticides in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

			Location ID:	**LB-33**	**LB-33**	**LB-34**	**LB-34**	**LB-38**	**LB-38**
			Sample ID:	**LB-33-COMP 1**	**LB-33-COMP 2**	**LB-34-COMP 1**	**LB-34-COMP 2**	**LB-38-COMP 1**	**LB-38-COMP 2**
			Sample Date:	**6/7/2017**	**6/7/2017**	**6/7/2017**	**6/7/2017**	**6/7/2017**	**6/7/2017**
			Sample Depth:	**0-4**	**4-6.7**	**0-4**	**4-6.2**	**0-4**	**4-8.7**
		6 NYCRR Part 375							
Parameters	***Units***	***Unrestricted SCO***	***Commercial SCO***						
Pesticides Analytes									
Alachlor	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Aldrin	mg/kg	0.005	0.68	ND	ND	ND	ND	ND	ND
alpaha-BHC	mg/kg	0.02	3.4	ND	ND	ND	ND	ND	ND
beta-BHC	mg/kg	0.036	3	ND	ND	ND	ND	ND	ND
delta-BHC	mg/kg	0.04	500	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	mg/kg	0.1	9.2	ND	ND	ND	ND	ND	ND
Chlordane	mg/kg	0.094	24	ND	ND	ND	ND	ND	ND
4,4'-DDD	mg/kg	0.0033	92	ND	ND	ND	ND	ND	ND
4,4'-DDE	mg/kg	0.0033	62	ND	ND	ND	ND	ND	ND
4,4'-DDT	mg/kg	0.0033	47	ND	ND	ND	ND	ND	ND
Dieldrin	mg/kg	0.005	1.4	ND	ND	ND	ND	ND	ND
Endosulfan I	mg/kg	2.4	200	ND	ND	ND	ND	ND	ND
Endosulfan II	mg/kg	2.4	200	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	mg/kg	2.4	200	ND	ND	ND	ND	ND	ND
Endrin	mg/kg	0.014	89	ND	ND	ND	ND	ND	ND
Endrin aldehyde	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Endrin ketone	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Heptachlor	mg/kg	0.042	15	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Methoxychlor	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Toxaphene	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND

Notes:
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO criteria
Boxed Font - Exceeds 6 NYCRR Part 375 Commercial SCO criteria
ND - Not detected
NS - No standard
mg/kg - Milligrams Per Kilogram

TABLE 6.5

Analytical Results Summary
Pesticides in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

Location ID:	**RB-01**
Sample ID:	**060717-RB-01**
Sample Date:	**6/7/2017**
Sample Depth:	**NA**

Parameters	***Units***	***6 NYCRR Part 375 Unrestricted SCO***	***6 NYCRR Part 375 Commercial SCO***	
Pesticides Analytes				
Alachlor	mg/kg	NS	NS	ND
Aldrin	mg/kg	0.005	0.68	ND
alpaha-BHC	mg/kg	0.02	3.4	ND
beta-BHC	mg/kg	0.036	3	ND
delta-BHC	mg/kg	0.04	500	ND
gamma-BHC (Lindane)	mg/kg	0.1	9.2	ND
Chlordane	mg/kg	0.094	24	ND
4,4'-DDD	mg/kg	0.0033	92	ND
4,4'-DDE	mg/kg	0.0033	62	ND
4,4'-DDT	mg/kg	0.0033	47	ND
Dieldrin	mg/kg	0.005	1.4	ND
Endosulfan I	mg/kg	2.4	200	ND
Endosulfan II	mg/kg	2.4	200	ND
Endosulfan sulfate	mg/kg	2.4	200	ND
Endrin	mg/kg	0.014	89	ND
Endrin aldehyde	mg/kg	NS	NS	ND
Endrin ketone	mg/kg	NS	NS	ND
Heptachlor	mg/kg	0.042	15	ND
Heptachlor epoxide	mg/kg	NS	NS	ND
Hexachlorobenzene	mg/kg	NS	NS	ND
Methoxychlor	mg/kg	NS	NS	ND
Toxaphene	mg/kg	NS	NS	ND

Notes:
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO criteria
Boxed Font - Exceeds 6 NYCRR Part 375 Commercial SCO criteria
ND - Not detected
NS - No standard
mg/kg - Milligrams Per Kilogram

TABLE 6.6

Analytical Results Summary
Resource Conservation and Recovery Act (RCRA) Metals in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

				Location ID:	**LB-01**	**LB-01**	**LB-02**	**LB-03**	**LB-03**	**LB-07**
				Sample ID:	**LB-01-COMP1-0-4**	**LB-01-COMP2-4-9.8**	**LB-02-COMP1-0-4**	**LB-03-COMP1-0-4**	**LB-03-COMP2-4-9.9**	**LB-07-COMP1-0-4**
				Sample Date:	**2/9/2017**	**2/9/2017**	**2/9/2017**	**2/10/2017**	**2/10/2017**	**2/9/2017**
				Sample Depth:	**0 to 4**	**4 to 9.8**	**0 to 4**	**0 to 4**	**4 to 9.9**	**0 to 4**
		6 NYCRR Part 375								
Parameters	***Units***	***Unrestricted SCO***	***Commercial SCO***							
Metals Analytes										
Arsenic	mg/kg	13	16	ND	ND	6.4	11	ND	4.9
Barium	mg/kg	350	400	**390**	80	270	**620**	130	200
Cadmium	mg/kg	2.5	9.3	2.4	0.76	1.8	3	1.3	1.7
Chromium, Total	mg/kg	30	1,500	**260**	**36**	**170**	**100**	**32**	**89**
Lead	mg/kg	63	1,000	**500**	42	**330**	**3,100**	**290**	**160**
Mercury	mg/kg	0.18	2.8	**0.2**	0.084	0.1	0.23	0.039	0.14
Selenium	mg/kg	3.9	1,500	3.3 J	1.7	**4.3 J**	ND	1.9	ND
Silver	mg/kg	2	1,500	**2.4**	0.69	1.6	1.3	1.5	ND

Notes:
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO criteria
Boxed Font - Exceeds 6 NYCRR Part 375 Commercial SCO criteria
ND - Not detected
J - Estimated concentration
mg/kg - Milligrams Per Kilogram

TABLE 6.6

Analytical Results Summary
Resource Conservation and Recovery Act (RCRA) Metals in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

				Location ID:	**LB-07**	**LB-08**	**LB-09**	**LB-09**	**LB-11**	**LB-12**
				Sample ID:	**LB-07-COMP2-4-9.7**	**LB-08-COMP1-0-4**	**LB-09-COMP1-0-4**	**LB-09-COMP2-4-10.7**	**LB-11-COMP2-4-9**	**LB-12-COMP1-0-4**
				Sample Date:	**2/9/2017**	**2/10/2017**	**2/9/2017**	**2/9/2017**	**2/9/2017**	**2/9/2017**
				Sample Depth:	**4 to 9.7**	**0 to 4**	**0 to 4**	**4 to 10.7**	**4 to 9**	**0 to 4**
		6 NYCRR Part 375								
Parameters	***Units***	***Unrestricted SCO***	***Commercial SCO***							
Metals Analytes										
Arsenic	mg/kg	13	16	7.8	**24**	8.1	4.1	ND	5.4
Barium	mg/kg	350	400	**1,500**	270	89	**2,200**	**1,500**	240
Cadmium	mg/kg	2.5	9.3	3.2	1.6	1.7	2.4	3	3.9
Chromium, Total	mg/kg	30	1,500	**330**	**170**	**310**	**80**	**220**	**250**
Lead	mg/kg	63	1,000	**320**	**180**	**170**	**380**	**590**	**140**
Mercury	mg/kg	0.18	2.8	**0.21**	**0.23**	0.065	**0.81**	**0.47**	**0.22**
Selenium	mg/kg	3.9	1,500	**4.4 J**	**4.6**	ND	**4.7**	3.3	2.6
Silver	mg/kg	2	1,500	**2.5**	ND	ND	0.99	1.3	**9.3**

Notes:
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO criteria
Boxed Font - Exceeds 6 NYCRR Part 375 Commercial SCO criteria
ND - Not detected
J - Estimated concentration
mg/kg - Milligrams Per Kilogram

TABLE 6.6

Analytical Results Summary
Resource Conservation and Recovery Act (RCRA) Metals in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

				Location ID:	**LB-12**	**LB-13**	**LB-13**	**LB-13**	**LB-14**	**LB-14**
				Sample ID:	**LB-12-COMP2-4-9**	**LB-13-COMP1-0-4**	**LB-13-COMP2-4-9.8**	**LB-13-COMP3-10-15**	**LB-14-COMP1-0-4**	**LB-14-COMP2-4-10.5**
				Sample Date:	**2/9/2017**	**2/9/2017**	**2/9/2017**	**2/9/2017**	**2/9/2017**	**2/9/2017**
				Sample Depth:	**4 to 9**	**0 to 4**	**4 to 9.8**	**4 to 9.8**	**0 to 4**	**4 to 10.5**
					MS/MSD			***(Duplicate)***		
		6 NYCRR Part 375								
Parameters	***Units***	***Unrestricted SCO***	***Commercial SCO***							
Metals Analytes										
Arsenic	mg/kg	13	16	3.3	5.8	12	7.4	**18**	7
Barium	mg/kg	350	400	270	**430**	**720**	**910**	250	**360**
Cadmium	mg/kg	2.5	9.3	3.2	1.7	**5.2**	**6**	**3.1**	**2.6**
Chromium, Total	mg/kg	30	1,500	**170**	**210**	**300**	**340**	**330**	**82**
Lead	mg/kg	63	1,000	**570**	**290**	**1,200**	**1,800**	**420**	**660**
Mercury	mg/kg	0.18	2.8	**0.24**	0.14	**0.21**	**0.21**	0.11	0.11
Selenium	mg/kg	3.9	1,500	**4.3**	3.3	**4.7**	5.2	**5.4 J**	**5.4**
Silver	mg/kg	2	1,500	ND	**3.4**	**2.4**	**2.1**	1.3	ND

Notes:
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO criteria
Boxed Font - Exceeds 6 NYCRR Part 375 Commercial SCO criteria
ND - Not detected
J - Estimated concentration
mg/kg - Milligrams Per Kilogram

TABLE 6.6

Analytical Results Summary
Resource Conservation and Recovery Act (RCRA) Metals in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

				Location ID:	**LB-21**	**LB-22**	**LB-23**	**LB-26**	**LB-26**	**LB-27**
				Sample ID:	**LB-21-COMP1-0-4**	**LB-22-COMP1-0-4**	**LB-23-COMP1-0-4**	**LB-26-COMP1-0-4**	**LB-26-COMP2-4-7.8**	**LB-27-COMP1-0-4**
				Sample Date:	**2/13/2017**	**2/13/2017**	**2/13/2017**	**2/9/2017**	**2/9/2017**	**2/9/2017**
				Sample Depth:	**0 to 4**	**0 to 4**	**0 to 4**	**0 to 4**	**4 to 7.8**	**0 to 4**
		6 NYCRR Part 375								
Parameters	***Units***	***Unrestricted SCO***	***Commercial SCO***							
Metals Analytes										
Arsenic	mg/kg	13	16	**30**	**14**	12	ND	ND	3.4
Barium	mg/kg	350	400	140	110	98	140	150	**1,800**
Cadmium	mg/kg	2.5	9.3	ND	0.29	ND	1.5	1.2	**6.6**
Chromium, Total	mg/kg	30	1,500	**33**	26	17	**190**	**110**	**650**
Lead	mg/kg	63	1,000	**770**	**880**	**110**	**190**	**82**	**680**
Mercury	mg/kg	0.18	2.8	0.066	0.11	0.058	0.15	0.075	0.17
Selenium	mg/kg	3.9	1,500	**4**	**4.5**	ND	ND	3 J	3.9 J
Silver	mg/kg	2	1,500	ND	**2.8**	ND	ND	ND	1.9

Notes:
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO criteria
Boxed Font - Exceeds 6 NYCRR Part 375 Commercial SCO criteria
ND - Not detected
J - Estimated concentration
mg/kg - Milligrams Per Kilogram

TABLE 6.6

Analytical Results Summary
Resource Conservation and Recovery Act (RCRA) Metals in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

				Location ID:	**LB-27**	**LB-28**	**LB-29**	**LB-29**	**LW-01**	**LW-01**
				Sample ID:	**LB-27-COMP2-4-10.3**	**LB-28-COMP1-0-4**	**LB-29-COMP1-0-4**	**LB-29-COMP2-4-9.3**	**LW-01-COMP1-0-4**	**LW-01-COMP2-4-10.2**
				Sample Date:	**2/9/2017**	**2/9/2017**	**2/10/2017**	**2/10/2017**	**2/16/2017**	**2/16/2017**
				Sample Depth:	**4 to 10.3**	**0 to 4**	**0 to 4**	**4 to 9.3**	**0 to 4**	**4 to 10.2**
										MS/MSD
		6 NYCRR Part 375								
Parameters	***Units***	***Unrestricted SCO***	***Commercial SCO***							
Metals Analytes										
Arsenic	mg/kg	13	16	4.2	7.8	5.9	3.3	3.8	ND
Barium	mg/kg	350	400	**660**	**400**	140	110	74	230
Cadmium	mg/kg	2.5	9.3	2.2	**5.4**	1	0.78	1.3	1.4
Chromium, Total	mg/kg	30	1,500	**260**	**680**	27	17	**660**	**150**
Lead	mg/kg	63	1,000	**280**	**280**	**130**	**86**	**72**	**140**
Mercury	mg/kg	0.18	2.8	**0.2**	**0.23**	0.1	0.08	0.029	0.13
Selenium	mg/kg	3.9	1,500	**4.3**	ND	ND	2.9	**7.7**	**5.6**
Silver	mg/kg	2	1,500	0.65	**12**	ND	ND	ND	ND

Notes:
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO criteria
Boxed Font - Exceeds 6 NYCRR Part 375 Commercial SCO criteria
ND - Not detected
J - Estimated concentration
mg/kg - Milligrams Per Kilogram

TABLE 6.6

Analytical Results Summary
Resource Conservation and Recovery Act (RCRA) Metals in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

			Location ID:	**LW-02**	**LW-02**	**LW-05**
			Sample ID:	**LW-02-COMP1-0-4**	**LW-02-COMP2-4-9.8**	**LW-05-COMP1-0-6**
			Sample Date:	**2/16/2017**	**2/16/2017**	**2/20/2017**
			Sample Depth:	**0 to 4**	**4 to 9.8**	**0 to 6**
		6 NYCRR Part 375				
Parameters	***Units***	***Unrestricted SCO***	***Commercial SCO***			
Metals Analytes						
Arsenic	mg/kg	13	16	4	4	4.4
Barium	mg/kg	350	400	140	190	130
Cadmium	mg/kg	2.5	9.3	1.5	1.4	1.7
Chromium, Total	mg/kg	30	1,500	**140**	**140**	**39**
Lead	mg/kg	63	1,000	**130**	**170**	**700**
Mercury	mg/kg	0.18	2.8	0.031	0.048	0.45
Selenium	mg/kg	3.9	1,500	ND	**7.3**	**5.5**
Silver	mg/kg	2	1,500	ND	ND	ND

Notes:
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO criteria
Boxed Font - Exceeds 6 NYCRR Part 375 Commercial SCO criteria
ND - Not detected
J - Estimated concentration
mg/kg - Milligrams Per Kilogram

TABLE 6.7

Analytical Results Summary
Toxicity Characteristic Leaching Procedure (TCLP) Metals in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

		Location ID:	**LB-21**	**LB-22**	**LB-23**	**LW-05**
		Sample ID:	**LB-21-COMP1-0-4**	**LB-22-COMP1-0-4**	**LB-23-COMP1-0-4**	**LW-05-COMP1-0-6**
		Sample Date:	**2/13/2017**	**2/13/2017**	**2/13/2017**	**2/20/2017**
		Sample Depth:	**0 to 4**	**0 to 4**	**0 to 4**	**0 to 6**
Parameters	***Units***	***6 NYCRR Part 371***				
Metals Analytes						
Arsenic	mg/L	5	ND	ND	0.01	0.011
Barium	mg/L	100	ND	ND	ND	0.00017
Cadmium	mg/L	1	0.31	0.3	0.5	0.34
Chromium, Total	mg/L	5	ND	ND	ND	0.0051
Lead	mg/L	5	ND	ND	ND	ND
Mercury	mg/L	0.2	**0.28**	**0.046**	**0.51**	**0.47**
Selenium	mg/L	1	0.12	0.14	0.14	ND
Silver	mg/L	5	ND	ND	ND	ND

Notes:
Bold Font - Exceeds 6 NYCRR Part 371
ND - Not detected
mg/L - Milligrams per liter

TABLE 6.8

Analytical Results Summary
Synthetic Precipitate Leaching Procedure (SPLP) Metals in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

		Location ID:	**LB-21**	**LB-22**	**LB-23**	**LW-05**
		Sample ID:	**LB-21-COMP1-0-4**	**LB-22-COMP1-0-4**	**LB-23-COMP1-0-4**	**LW-05-COMP1-0-6**
		Sample Date:	**2/13/2017**	**2/13/2017**	**2/13/2017**	**2/20/2017**
		Sample Depth:	**0 to 4**	**0 to 4**	**0 to 4**	**0 to 6**
Parameters	***Units***	***6 NYCRR Part 371***				
Metals Analytes						
Arsenic	mg/L	5	ND	ND	ND	ND
Barium	mg/L	100	ND	ND	ND	0.22
Cadmium	mg/L	1	ND	ND	ND	ND
Chromium, Total	mg/L	5	ND	ND	ND	ND
Lead	mg/L	5	ND	ND	ND	0.052
Mercury	mg/L	0.2	0.0001	ND	ND	0.00028
Selenium	mg/L	1	ND	ND	ND	ND
Silver	mg/L	5	ND	ND	ND	ND

Notes:
ND - Not detected
mg/L - Milligrams per liter

TABLE 6.9

Analytical Results Summary
Target Analyte List (TAL) Metals in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

				Location ID:	**LB-02**	**LB-08**	**LB-11**	**LB-15**	**LB-15**	**LB-16**
				Sample ID:	**LB-02-COMP2-4-9.2**	**LB-08-COMP2-4-10.2**	**LB-11-COMP1-0-4**	**LB-15-COMP1-0-4**	**LB-15-COMP2-4-8.5**	**LB-16-COMP1-0-2**
				Sample Date:	**2/9/2017**	**2/10/2017**	**2/9/2017**	**2/9/2017**	**2/9/2017**	**2/13/2017**
				Sample Depth:	**4 to 9.2**	**4 to 10.2**	**0 to 4**	**0 to 4**	**4 to 8.5**	**0 to 2**
		6 NYCRR Part 375								
Parameters	***Units***	***Unrestricted SCO***	***Commercial SCO***							
Metals Analytes										
Aluminum	mg/kg	NS	NS	11,000	6,900	11,000	6,500	13,000	13,000
Antimony	mg/kg	NS	NS	13	100	67	56	19	5.9
Arsenic	mg/kg	13	16	11	**16**	**25**	ND	10	6
Barium	mg/kg	350	400	170	**370**	170	240	210	78
Beryllium	mg/kg	7.2	590	0.89	0.51	1.1	2.3	1.2	0.91
Cadmium	mg/kg	2.5	9.3	ND	0.31	0.42	**3.1**	0.44	ND
Calcium	mg/kg	NS	NS	14,000	15,000	50,000	150,000	83,000	82,000
Chromium	mg/kg	30	1,500	**260**	**60**	**670**	**1,300**	**430**	17
Cobalt	mg/kg	NS	NS	13	9.5	14	5.2	11	8.1
Copper	mg/kg	50	270	**63**	**260**	**79**	**110**	**62**	16
Iron	mg/kg	NS	NS	47,000	71,000	54,000	110,000	51,000	23,000
Lead	mg/kg	63	1,000	**110**	**970**	**690**	**340**	**92**	16
Magnesium	mg/kg	NS	NS	6,200	4,500	13,000	48,000	22,000	20,000
Manganese	mg/kg	1,600	10,000	560	670	930	**29,000**	**5,300**	520
Mercury	mg/kg	0.18	2.8	**0.22**	0.1	0.09	0.071	0.042	ND
Nickel	mg/kg	30	310	**160**	**48**	**140**	23	**94**	17
Potassium	mg/kg	NS	NS	1,700	950	2,100	470	1,900	1,400
Selenium	mg/kg	3.9	1,500	ND	ND	ND	ND	**4.6**	**4.7**
Silver	mg/kg	2	1,500	1.7	**2.4**	1.7	ND	1.4	ND
Sodium	mg/kg	NS	NS	310	ND	200	450	250	330
Thallium	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Vanadium	mg/kg	NS	NS	36	21	45	440	100	21
Zinc	mg/kg	109	10,000	**130**	**200**	**140**	**890**	**240**	61
Cyanide	mg/kg	27	27	ND	0.69	ND	0.84	3.2	1

Notes:
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO criteria
Boxed Font - Exceeds 6 NYCRR Part 375 Commercial SCO criteria
ND - Not detected
B - Analyte is found in the associated analysis batch blank
NS - No standard
mg/kg - Milligrams Per Kilogram

TABLE 6.9

Analytical Results Summary
Target Analyte List (TAL) Metals in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

				Location ID:	**LB-17**	**LB-18**	**LB-19**	**LB-19**	**LB-20**	**LB-24**
				Sample ID:	**LB-17-COMP1-1-3**	**LB-18-COMP1-0-4**	**LB-19-COMP1-0-5.4**	**LB-19-COMP2-5.4-7**	**LB-20-COMP1-0-4**	**LB-24-COMP1-1-3**
				Sample Date:	**2/13/2017**	**2/10/2017**	**2/13/2017**	**2/13/2017**	**2/13/2017**	**2/13/2017**
				Sample Depth:	**1 to 3**	**0 to 4**	**0 to 5.4**	**0 to 5.4** ***(Duplicate)***	**0 to 4**	**1 to 3**
		6 NYCRR Part 375								
Parameters	***Units***	***Unrestricted SCO***	***Commercial SCO***							
Metals Analytes										
Aluminum	mg/kg	NS	NS	12,000	5,000	14,000	13,000	12,000	15,000
Antimony	mg/kg	NS	NS	5.8	ND	31	28	ND	7.6
Arsenic	mg/kg	13	16	7.7	7.8	**14**	13	6	ND
Barium	mg/kg	350	400	95	20	110	120	96	140
Beryllium	mg/kg	7.2	590	0.86	0.38	1.2	0.89	0.95	2.6
Cadmium	mg/kg	2.5	9.3	ND	0.38	ND	ND	ND	ND
Calcium	mg/kg	NS	NS	19,000	40,000	20,000	27,000	26,000	150,000
Chromium	mg/kg	30	1,500	17	11	18	22	17	14
Cobalt	mg/kg	NS	NS	19	6	14	14	9	ND
Copper	mg/kg	50	270	20	26	**50**	45	19	17
Iron	mg/kg	NS	NS	33,000	16,000	50,000	53,000	26,000	12,000
Lead	mg/kg	63	1,000	**83**	12	**240**	**160**	43	34
Magnesium	mg/kg	NS	NS	6,700	3,900	7,900	11,000	7,100	12,000
Manganese	mg/kg	1,600	10,000	600	340	820	730	360	1,500
Mercury	mg/kg	0.18	2.8	0.037	ND	0.062	0.049	0.047	0.032
Nickel	mg/kg	30	310	18	20	18	25	16	8.5
Potassium	mg/kg	NS	NS	1,300	750	1,100	1,300	1,200	1,600
Selenium	mg/kg	3.9	1,500	ND	ND	ND	ND	ND	ND
Silver	mg/kg	2	1,500	ND	0.79	ND	0.7	ND	ND
Sodium	mg/kg	NS	NS	260	ND	270	200	160	470
Thallium	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND
Vanadium	mg/kg	NS	NS	24	11	23	23	24	9.1
Zinc	mg/kg	109	10,000	61	62	100	**130**	78	48
Cyanide	mg/kg	27	27	ND	ND	ND	ND	4.4	6.7

Notes:
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO criteria
Boxed Font - Exceeds 6 NYCRR Part 375 Commercial SCO criteria
ND - Not detected
B - Analyte is found in the associated analysis batch blank
NS - No standard
mg/kg - Milligrams Per Kilogram

TABLE 6.9

Analytical Results Summary
Target Analyte List (TAL) Metals in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

				Location ID:	**LB-25**	**LB-28**	**LW-03**	**LW-04**	**LW-06**	**Rinse Blank #1**
				Sample ID:	**LB-25-COMP1-0-2.4**	**LB-28-COMP2-4-11**	**LW-03-COMP1-4-8**	**LW-04-COMP1-0-4.10**	**LW-06-COMP1-0-4**	**LRB-01-2-16-17**
				Sample Date:	**2/15/2017**	**2/9/2017**	**2/20/2017**	**2/15/2017**	**2/21/2017**	**2/16/2017**
				Sample Depth:	**0 to 2.4**	**4 to 11**	**4 to 8**	**0 to 4.10**	**0 to 4**	**NA**
							MS/MSD			
		6 NYCRR Part 375								
Parameters	***Units***	***Unrestricted SCO***	***Commercial SCO***							
Metals Analytes										
Aluminum	mg/kg	NS	NS	12,000	11,000	5,000	5,000	3,100	ND	
Antimony	mg/kg	NS	NS	ND	32	3.5	ND	ND	ND	
Arsenic	mg/kg	13	16	9.4	**18**	9.9	4.3	ND	ND	
Barium	mg/kg	350	400	100	**480**	88	190	34	ND	
Beryllium	mg/kg	7.2	590	0.87	0.85	0.49	0.62	0.29	ND	
Cadmium	mg/kg	2.5	9.3	0.86	0.52	1.2	0.72	0.56	ND	
Calcium	mg/kg	NS	NS	26,000	20,000	30,000	130,000	13,000	ND	
Chromium	mg/kg	30	1,500	18	**330**	**120**	20	15	ND	
Cobalt	mg/kg	NS	NS	9.5	23	4	3.4	ND	ND	
Copper	mg/kg	50	270	14	**230**	43	19	28	ND	
Iron	mg/kg	NS	NS	21,000	91,000	5,800	11,000	19,000	ND	
Lead	mg/kg	63	1,000	30	**360**	**93**	**80**	15	ND	
Magnesium	mg/kg	NS	NS	6,700	7,300	6,600	10,000	4,100	ND	
Manganese	mg/kg	1,600	10,000	1,500	1,400	**2,800**	380	470	ND	
Mercury	mg/kg	0.18	2.8	0.059	0.081	0.098	0.03	ND	0.00013	
Nickel	mg/kg	30	310	15	**250**	16	13	15	ND	
Potassium	mg/kg	NS	NS	980	1,300	600	830	470	ND	
Selenium	mg/kg	3.9	1,500	ND	ND	3.7	**10**	3.9	ND	
Silver	mg/kg	2	1,500	ND	1.9	ND	ND	ND	ND	
Sodium	mg/kg	NS	NS	140	140	160	170	380	ND	
Thallium	mg/kg	NS	NS	ND	ND	ND	ND	ND	ND	
Vanadium	mg/kg	NS	NS	26	42	61	13	8.3	ND	
Zinc	mg/kg	109	10,000	61	**360**	**140**	**120**	41	ND	
Cyanide	mg/kg	27	27	3.2	ND	ND	1.6	0.9	ND	

Notes:
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO criteria
Boxed Font - Exceeds 6 NYCRR Part 375 Commercial SCO criteria
ND - Not detected
B - Analyte is found in the associated analysis batch blank
NS - No standard
mg/kg - Milligrams Per Kilogram

TABLE 6.9

Analytical Results Summary
Target Analyte List (TAL) Metals in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

				Location ID:	Rinse Blank #2	Rinse Blank #3	LB-30	LB-30	LB-32	LB-32
				Sample ID:	LRB-02-2-20-17	LRB-03-2-21-17	LB-30-COMP 1	LB-30-COMP 2	LB-32-COMP 1	LB-32-COMP 2
				Sample Date:	2/20/2017	2/21/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017
				Sample Depth:	NA	NA	0-4	4-10.2	0-4	4-5.8
		6 NYCRR Part 375								
Parameters	***Units***	***Unrestricted SCO***	***Commercial SCO***							
Metals Analytes										
Aluminum	mg/kg	NS	NS		ND	ND	3320	6020	16300	9090
Antimony	mg/kg	NS	NS		ND	ND	4.58	5.18	ND	ND
Arsenic	mg/kg	13	16		ND	ND	2.06	**25.1**	2.4	2.41
Barium	mg/kg	350	400		ND	ND	**1790**	**507**	110	73.9
Beryllium	mg/kg	7.2	590		ND	ND	ND	0.308	0.906	0.379
Cadmium	mg/kg	2.5	9.3		ND	ND	**2.67**	1.32	ND	ND
Calcium	mg/kg	NS	NS		ND	ND	7410	16300	2700	61000
Chromium	mg/kg	30	1,500		ND	ND	**434**	**155**	20.4	12.9
Cobalt	mg/kg	NS	NS		ND	ND	28.7	17.3	14.4	7.2
Copper	mg/kg	50	270		ND	ND	**479**	**287**	15.2	14.6
Iron	mg/kg	NS	NS		ND	ND	ND	ND	25900	16600
Lead	mg/kg	63	1,000		ND	ND	**179**	**140**	16.8	12.2
Magnesium	mg/kg	NS	NS		ND	ND	1040	3850	4550	18800
Manganese	mg/kg	1,600	10,000		ND	ND	ND	**9510**	926	419
Mercury	mg/kg	0.18	2.8		0.00013	0.00014	0.0709	0.131	0.0927	ND
Nickel	mg/kg	30	310		ND	ND	**178**	**147**	24.1	16.5
Potassium	mg/kg	NS	NS		ND	ND	803 B	1050 B	1580 B	1810 B
Selenium	mg/kg	3.9	1,500		ND	ND	**60.6**	**40.3**	**4.74**	ND
Silver	mg/kg	2	1,500		ND	ND	ND	ND	ND	ND
Sodium	mg/kg	NS	NS		ND	ND	1020	204	48	93.4
Thallium	mg/kg	NS	NS		ND	ND	109	36.3	ND	ND
Vanadium	mg/kg	NS	NS		ND	ND	28.1	20.1	28.5	18.6
Zinc	mg/kg	109	10,000		ND	ND	**588**	**191**	59.2	48.4
Cyanide	mg/kg	27	27		ND	ND	ND	0.882	ND	ND

Notes:
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO criteria
Boxed Font - Exceeds 6 NYCRR Part 375 Commercial SCO criteria
ND - Not detected
B - Analyte is found in the associated analysis batch blank
NS - No standard
mg/kg - Milligrams Per Kilogram

TABLE 6.9

Analytical Results Summary
Target Analyte List (TAL) Metals in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

				Location ID:	LB-33	LB-33	LB-34	LB-34	LB-38	LB-38
				Sample ID:	LB-33-COMP 1	LB-33-COMP 2	LB-34-COMP 1	LB-34-COMP 2	LB-38-COMP 1	LB-38-COMP 2
				Sample Date:	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017	6/7/2017
				Sample Depth:	0-4	4-6.7	0-4	4-6.2	0-4	4-8.7
		6 NYCRR Part 375								
Parameters	***Units***	***Unrestricted SCO***	***Commercial SCO***							
Metals Analytes										
Aluminum	mg/kg	NS	NS	9010	10700	11200	9780	6.58	11300
Antimony	mg/kg	NS	NS	1.8	ND	1.42	ND	0.0104	8.39
Arsenic	mg/kg	13	16	4.44	2.62	2.64	2.38	4.61	5.18
Barium	mg/kg	350	400	75	86.2	68.2	76.5	**379**	**828**
Beryllium	mg/kg	7.2	590	0.407	0.425	0.516	0.376	ND	0.319
Cadmium	mg/kg	2.5	9.3	ND	ND	ND	ND	0.893	1.67
Calcium	mg/kg	NS	NS	8630	72900	7660	ND	50500	43900
Chromium	mg/kg	30	1,500	14.4	15.1	14.4	13.2	**281**	**261**
Cobalt	mg/kg	NS	NS	6.76	8.28	8.09	7.59	21.4	22
Copper	mg/kg	50	270	**107**	16	37.5	14.3	**291**	**619**
Iron	mg/kg	NS	NS	ND	ND	23100	16700	ND	ND
Lead	mg/kg	63	1,000	**85.8**	13.3	38.6	12.2	**421**	**338**
Magnesium	mg/kg	NS	NS	2830	22400	3380	20600	6520	9000
Manganese	mg/kg	1,600	10,000	552	472	412	436	ND	ND
Mercury	mg/kg	0.18	2.8	0.0996	ND	0.0785	ND	**0.215**	0.11
Nickel	mg/kg	30	310	16	19.1	15	17.1	**221**	**236**
Potassium	mg/kg	NS	NS	713 B	2510 B	982 B	2070 B	1550 B	2920 B
Selenium	mg/kg	3.9	1,500	**7.66**	1.58	**4.63**	ND	**28.8**	**26.7**
Silver	mg/kg	2	1,500	ND	ND	ND	ND	ND	0.798
Sodium	mg/kg	NS	NS	95.8	147	19.2	113	360	296
Thallium	mg/kg	NS	NS	ND	ND	ND	ND	19.3	20.5
Vanadium	mg/kg	NS	NS	20.6	22.2	20.8	19.6	215	73.9
Zinc	mg/kg	109	10,000	**191**	57.5	68	53	**218**	**311**
Cyanide	mg/kg	27	27	ND	ND	ND	ND	0.996	ND

Notes:
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO criteria
Boxed Font - Exceeds 6 NYCRR Part 375 Commercial SCO criteria
ND - Not detected
B - Analyte is found in the associated analysis batch blank
NS - No standard
mg/kg - Milligrams Per Kilogram

TABLE 6.9

Analytical Results Summary
Target Analyte List (TAL) Metals in Soil
Western New York Workforce Training Center (No. 915310)
Remedial Investigation

Location ID:	**RB-01**
Sample ID:	**060717-RB-01**
Sample Date:	**6/7/2017**
Sample Depth:	**NA**

Parameters	***Units***	***6 NYCRR Part 375 Unrestricted SCO***	***6 NYCRR Part 375 Commercial SCO***	
Metals Analytes				
Aluminum	mg/kg	NS	NS	ND
Antimony	mg/kg	NS	NS	ND
Arsenic	mg/kg	13	16	0.00142
Barium	mg/kg	350	400	0.153
Beryllium	mg/kg	7.2	590	ND
Cadmium	mg/kg	2.5	9.3	ND
Calcium	mg/kg	NS	NS	ND
Chromium	mg/kg	30	1,500	ND
Cobalt	mg/kg	NS	NS	ND
Copper	mg/kg	50	270	ND
Iron	mg/kg	NS	NS	0.0362 B
Lead	mg/kg	63	1,000	ND
Magnesium	mg/kg	NS	NS	ND
Manganese	mg/kg	1,600	10,000	ND
Mercury	mg/kg	0.18	2.8	ND
Nickel	mg/kg	30	310	ND
Potassium	mg/kg	NS	NS	0.127 B
Selenium	mg/kg	3.9	1,500	0.00519
Silver	mg/kg	2	1,500	ND
Sodium	mg/kg	NS	NS	0.595 B
Thallium	mg/kg	NS	NS	ND
Vanadium	mg/kg	NS	NS	ND
Zinc	mg/kg	109	10,000	ND
Cyanide	mg/kg	27	27	ND

Notes:
Bold Font - Exceeds 6 NYCRR Part 375 Unrestricted SCO criteria
Boxed Font - Exceeds 6 NYCRR Part 375 Commercial SCO criteria
ND - Not detected
B - Analyte is found in the associated analysis batch blank
NS - No standard
mg/kg - Milligrams Per Kilogram

Appendix 2

Contractors Health and Safety Plan (HASP)

(To be Provided Following Selection of Contractor)

Appendix 3

New York State Department of Health (NYSDOH) Generic Community Air Monitoring Plan (CAMP)

Appendix 1A
New York State Department of Health
Generic Community Air Monitoring Plan

Overview

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical- specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for VOCs and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate DEC/NYSDOH staff.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. “Periodic” monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or

overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

3. If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

4. All 15-minute readings must be recorded and be available for State (DEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration.

3. All readings must be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.

December 2009

Appendix 4

Vapor Emissions Response Plan

Vapor Emission Response Plan

Volatile Organic Compounds (VOCs)

Action levels for VOC concentrations will be based on the NYSDOH Generic Community Air Monitoring Plan. The initial threshold for VOC action is 5 parts per million (ppm). The ambient air concentration of total VOCs at the downwind perimeter of the exclusion zone exceeds 5 ppm above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total VOCs level readily decrease below 5 ppm over background, work activities can resume with continued monitoring.

If total VOC levels at the downwind perimeter of the work area of exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions implemented to abate emissions, and monitoring continued. After this, work activities can resume provided that the total VOC concentration downwind of the exclusion zone is below 5 ppm over background for the 15-minute average. It the VOC level is above 25 ppm at the downwind monitoring location, activities will be shut down.

Particulates

Particulate (PM-10) concentrations will also be compared to Action Levels and responded to, as outlined in the NYSDOH Generic Community Air Monitoring Plan. The initial threshold for particulate/dust action is 100 micrograms per cubic meter (ug/m^3). If the downwind particulate level is 100 mg/m^3 greater than the background (upwind) level for the 15-minute average or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind particulate levels do not exceed 150 ug/m^3 above the upwind level and provided that no visible dust is migrating from the work area.

If dust suppression techniques have been employed and downwind particulate levels are greater than 150 ug/m^3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are

successful in reducing the downwind particulate concentration to within 150 mg/m^3 of the upwind level and in preventing visible dust migration.

Dust Suppression

One or more of the following techniques will be implemented should dust suppression be required during the work activities:

- Wetting equipment and excavation faces;
- Spraying water on buckets during excavation and dumping;
- Hauling materials in properly tarped and watertight containers;
- Covering excavated area and material after excavation activity ceases; and,
- Reducing the excavation size and/or number of excavations.

When techniques involving water application are used, care will be taken not to use excess water, which may result in unacceptably wet conditions. Atomizing spray nozzles will be used to prevent overly wet conditions, conserve water, and provide an effective means of suppressing fugitive dust.